

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020823\
 Data File : VN076567.D
 Acq On : 08 Feb 2023 09:48
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/09/2023
 Supervised By : Semsettin Yesilyurt 02/09/2023

Quant Time: Feb 09 00:40:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 09:04:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	646005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1057343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	941366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	425475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	371396	48.709	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.420%		
35) Dibromofluoromethane	8.171	113	332661	50.612	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.220%		
50) Toluene-d8	10.571	98	1274179	51.530	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.060%		
62) 4-Bromofluorobenzene	12.853	95	451126	51.787	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	360074	53.653	ug/l	99
3) Chloromethane	2.371	50	256842	41.643	ug/l	98
4) Vinyl Chloride	2.530	62	267743	47.276	ug/l	99
5) Bromomethane	2.965	94	183821	43.748	ug/l	98
6) Chloroethane	3.136	64	143846	41.991	ug/l	99
7) Trichlorofluoromethane	3.512	101	496803	44.506	ug/l	100
8) Diethyl Ether	3.983	74	191407	45.283	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.389	101	332488	48.080	ug/l	99
10) Methyl Iodide	4.600	142	494523	48.892	ug/l	99
11) Tert butyl alcohol	5.542	59	204891	206.306	ug/l	100
12) 1,1-Dichloroethene	4.359	96	314400	48.667	ug/l	98
13) Acrolein	4.195	56	302488	227.993	ug/l	99
14) Allyl chloride	5.042	41	424897	50.501	ug/l	95
15) Acrylonitrile	5.736	53	657734	220.698	ug/l	99
16) Acetone	4.448	43	710584	282.672	ug/l	98
17) Carbon Disulfide	4.730	76	804137	48.049	ug/l	98
18) Methyl Acetate	5.042	43	363763	45.735	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	1028023	47.848	ug/l	97
20) Methylene Chloride	5.295	84	343230	44.291	ug/l	99
21) trans-1,2-Dichloroethene	5.800	96	332189	47.309	ug/l	95
22) Diisopropyl ether	6.683	45	923613	48.436	ug/l	98
23) Vinyl Acetate	6.612	43	2913697	244.202	ug/l	99
24) 1,1-Dichloroethane	6.577	63	580809	47.433	ug/l	100
25) 2-Butanone	7.494	43	880205	243.595	ug/l	98
26) 2,2-Dichloropropane	7.500	77	509866	49.882	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	392150	47.757	ug/l	99
28) Bromochloromethane	7.824	49	246924	50.328	ug/l	99
29) Tetrahydrofuran	7.847	42	528426	227.544	ug/l	100
30) Chloroform	7.971	83	628996	47.352	ug/l	99
31) Cyclohexane	8.265	56	540827	44.877	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	572687	48.114	ug/l	99
36) 1,1-Dichloropropene	8.377	75	469849	50.067	ug/l	99
37) Ethyl Acetate	7.571	43	338298	48.117	ug/l	99
38) Carbon Tetrachloride	8.365	117	507491	50.297	ug/l	97
39) Methylcyclohexane	9.606	83	608291	52.194	ug/l	99
40) Benzene	8.612	78	1396198	49.080	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	183980	46.215	ug/l	97
42) 1,2-Dichloroethane	8.677	62	443774	47.914	ug/l	100
43) Isopropyl Acetate	8.694	43	566847	48.451	ug/l	98
44) Trichloroethene	9.359	130	375266	49.400	ug/l	97
45) 1,2-Dichloropropane	9.624	63	335592	49.118	ug/l	98
46) Dibromomethane	9.712	93	232752	47.224	ug/l	98
47) Bromodichloromethane	9.888	83	493583	49.801	ug/l	99
48) Methyl methacrylate	9.682	41	278938	48.480	ug/l	98
49) 1,4-Dioxane	9.706	88	100358	815.379	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	1658333	235.849	ug/l	100
52) Toluene	10.635	92	918649	50.039	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	505617	52.799	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	571933	52.373	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	343077	47.713	ug/l	96
56) Ethyl methacrylate	10.877	69	494037	51.337	ug/l	100
57) 1,3-Dichloropropane	11.165	76	567917	48.795	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	736735	267.894	ug/l	100
59) 2-Hexanone	11.200	43	1226271	244.629	ug/l	99
60) Dibromochloromethane	11.359	129	381334	50.323	ug/l	100
61) 1,2-Dibromoethane	11.471	107	342855	48.170	ug/l	99
64) Tetrachloroethene	11.106	164	383302	48.899	ug/l	98
65) Chlorobenzene	11.894	112	944398	48.512	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	361670	50.168	ug/l	98
67) Ethyl Benzene	11.965	91	1743689	50.400	ug/l	99
68) m/p-Xylenes	12.076	106	1371603	101.755	ug/l	100
69) o-Xylene	12.400	106	670492	50.796	ug/l	100
70) Styrene	12.412	104	1094761	52.147	ug/l	100
71) Bromoform	12.582	173	256368	50.946	ug/l #	98
73) Isopropylbenzene	12.700	105	1764160	50.628	ug/l	99
74) N-amyl acetate	12.494	43	476142	48.999	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	435076	45.553	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	401511m	50.579	ug/l	
77) Bromobenzene	12.982	156	393854	48.593	ug/l	98
78) n-propylbenzene	13.041	91	2021323	52.681	ug/l	100
79) 2-Chlorotoluene	13.129	91	1186797	48.557	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	1479270	51.151	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	138078	53.410	ug/l	95
82) 4-Chlorotoluene	13.129	91	1186797	48.557	ug/l	100
83) tert-Butylbenzene	13.441	119	1311943	50.647	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	1467851	51.002	ug/l	100
85) sec-Butylbenzene	13.618	105	1830867	52.414	ug/l	100
86) p-Isopropyltoluene	13.735	119	1550716	54.172	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	734267	49.221	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	722828	47.701	ug/l	100
89) n-Butylbenzene	14.059	91	1262491	55.697	ug/l	99
90) Hexachloroethane	14.335	117	258837	51.911	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	708286	48.158	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	77646	46.973	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	368892	54.738	ug/l	99
94) Hexachlorobutadiene	15.506	225	193951	51.181	ug/l	99
95) Naphthalene	15.647	128	1024745	52.266	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	348740	54.034	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

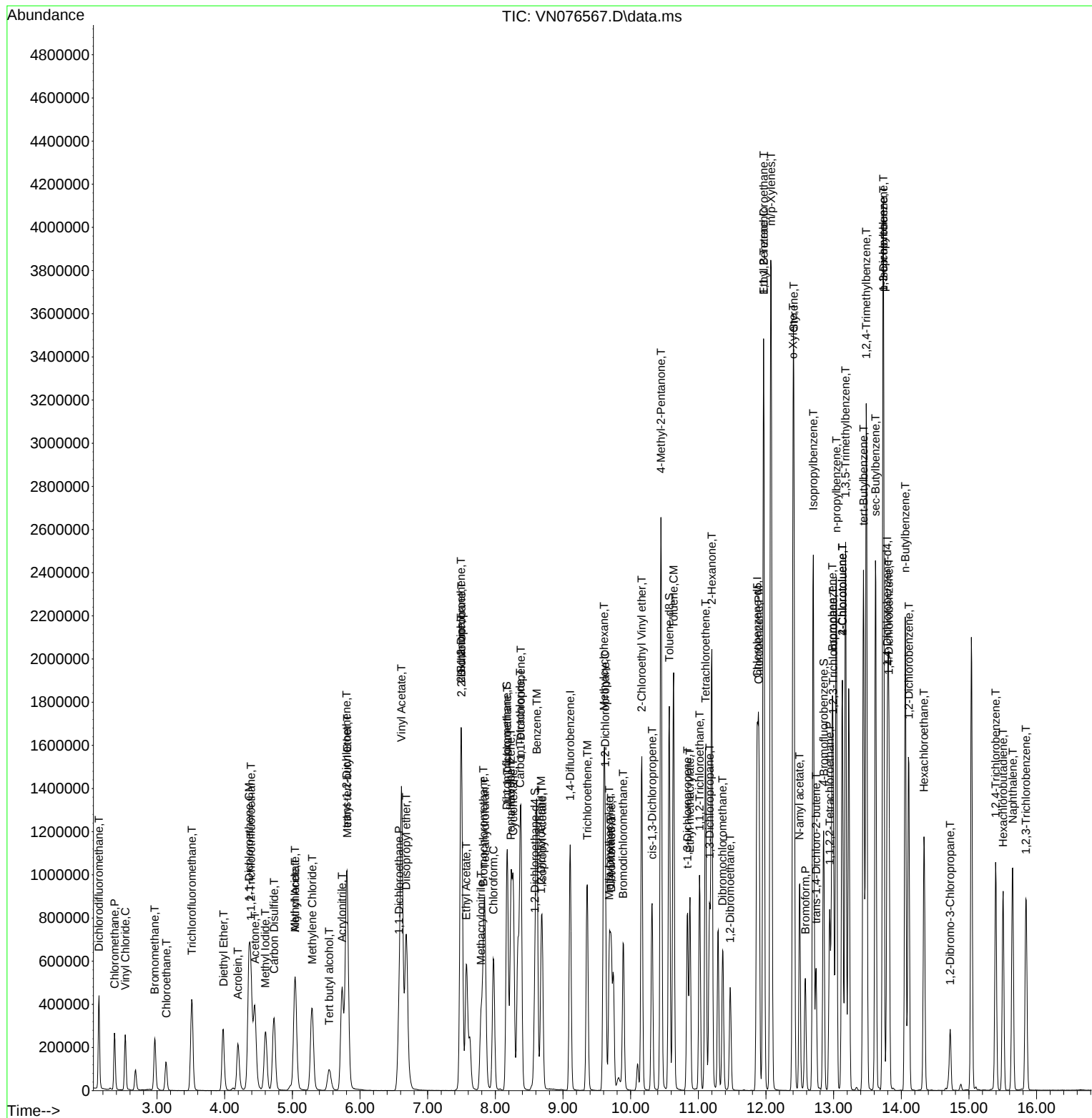
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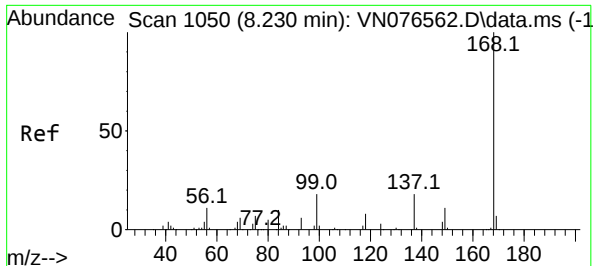
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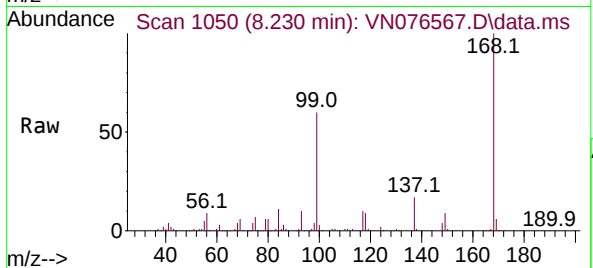
Reviewed By :John Carlone 02/09/2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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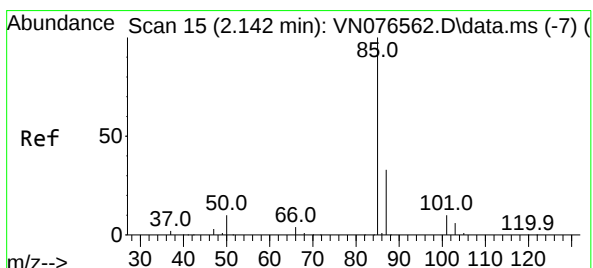
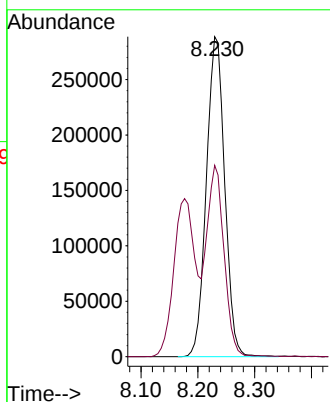
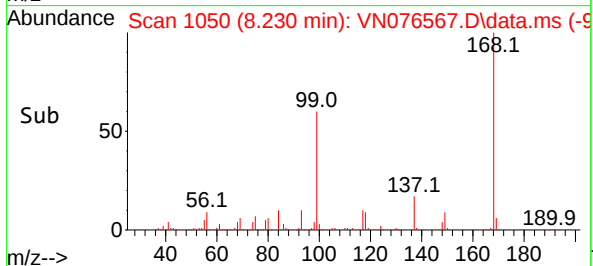
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VSTDCCC050



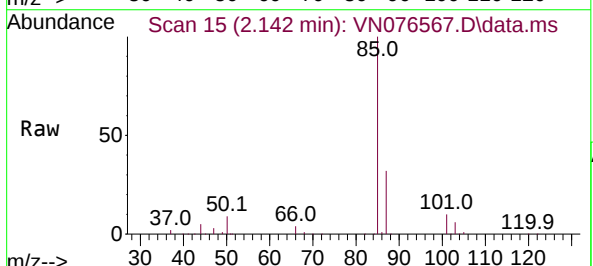
Tgt Ion:168 Resp: 646009
Ion Ratio Lower Upper
168 100
99 59.6 47.8 71.8

Manual Integrations
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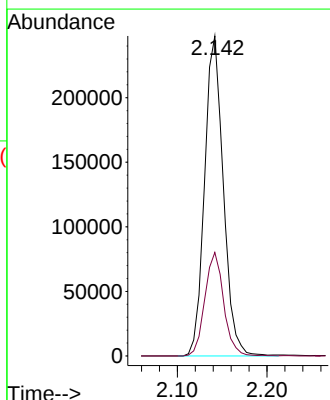
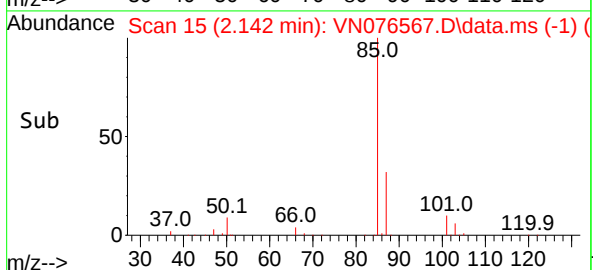
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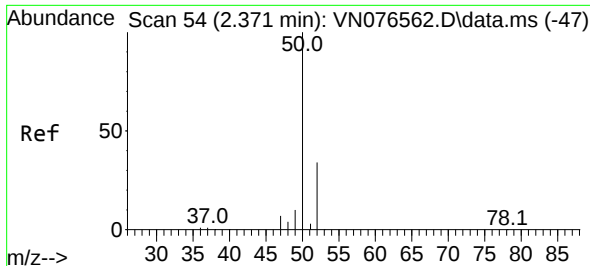


#2
Dichlorodifluoromethane
Concen: 53.653 ug/l
RT: 2.142 min Scan# 15
Delta R.T. -0.000 min
Lab File: VN076567.D
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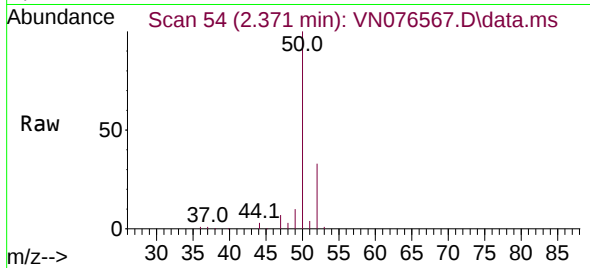
Tgt Ion: 85 Resp: 360074
Ion Ratio Lower Upper
85 100
87 32.4 16.6 49.8





#3
Chloromethane
Concen: 41.643 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

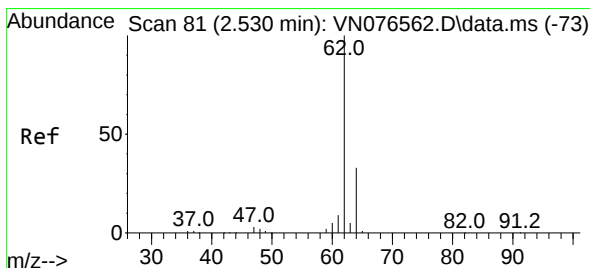
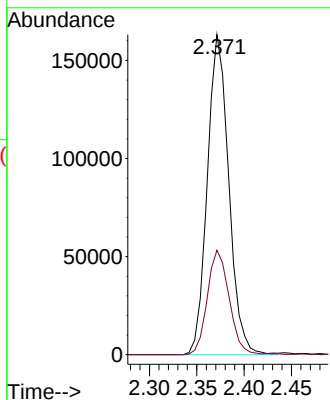
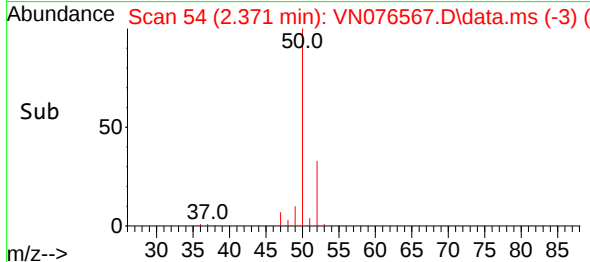
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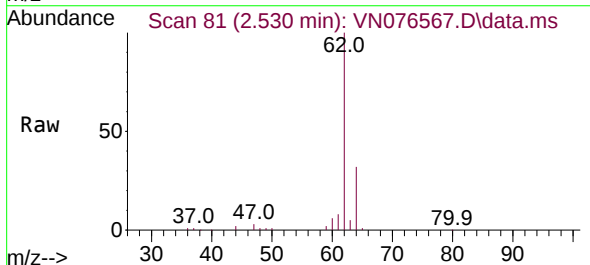
Tgt Ion: 50 Resp: 25684
Ion Ratio Lower Upper
50 100
52 32.7 27.0 40.4

Manual Integrations
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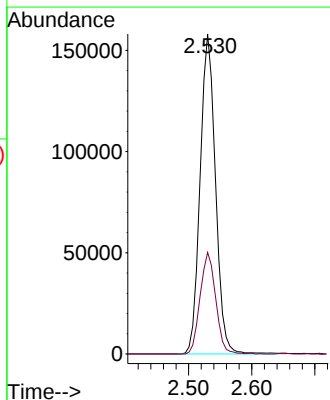
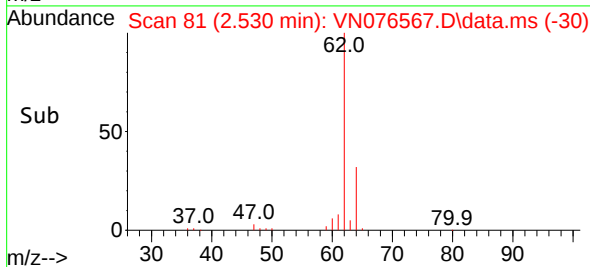
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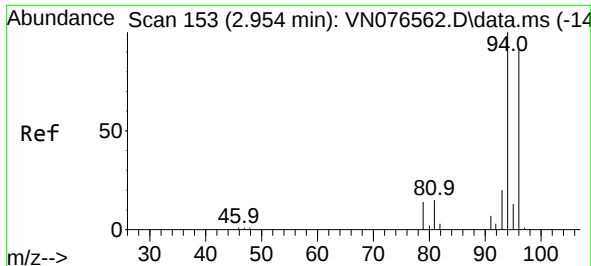


#4
Vinyl Chloride
Concen: 47.276 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48



Tgt Ion: 62 Resp: 267743
Ion Ratio Lower Upper
62 100
64 31.8 26.0 39.0





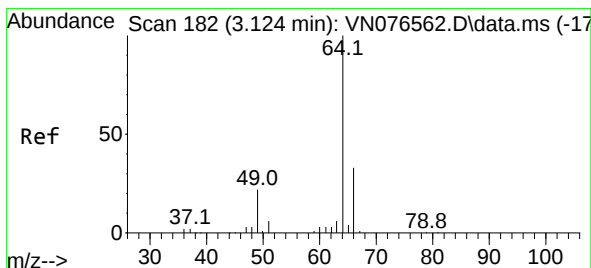
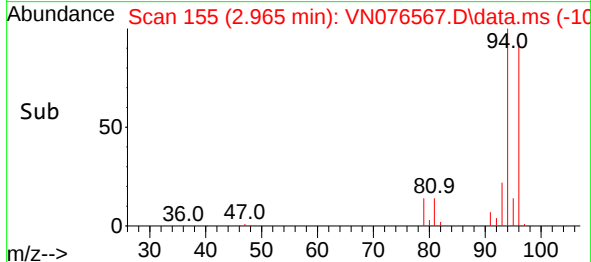
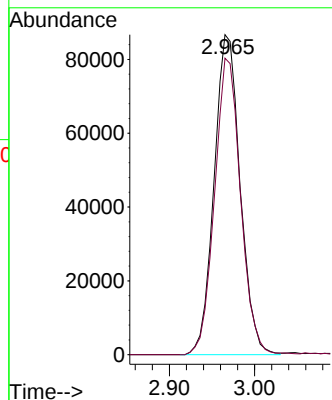
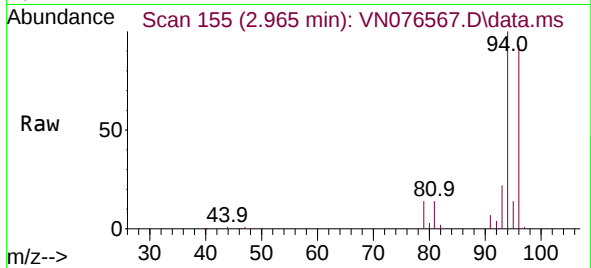
#5
Bromomethane
Concen: 43.748 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN076567.D
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Instrument :
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Tgt Ion: 94 Resp: 18382
Ion Ratio Lower Upper
94 100
96 92.7 72.7 109.1

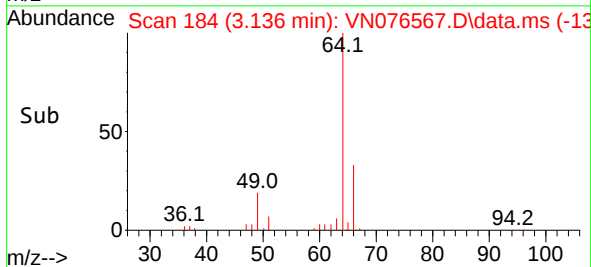
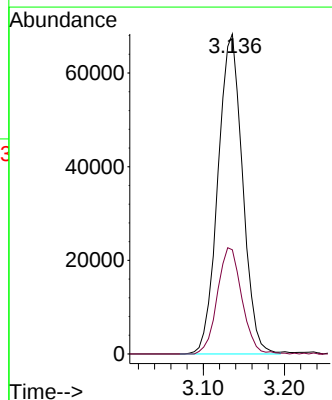
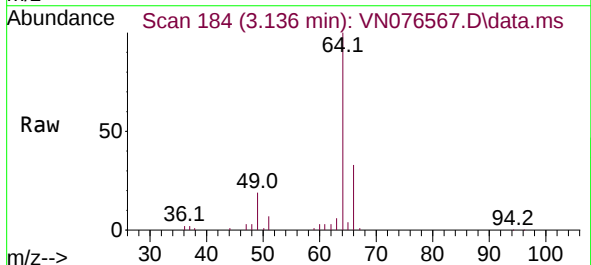
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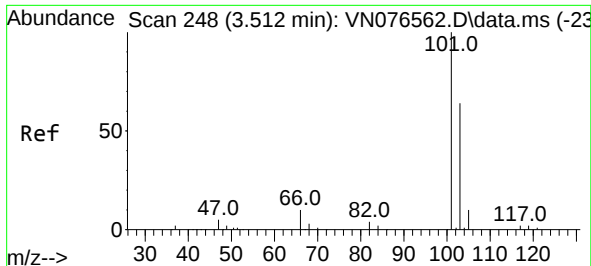
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#6
Chloroethane
Concen: 41.991 ug/l
RT: 3.136 min Scan# 184
Delta R.T. 0.012 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

Tgt Ion: 64 Resp: 143846
Ion Ratio Lower Upper
64 100
66 32.5 26.3 39.5





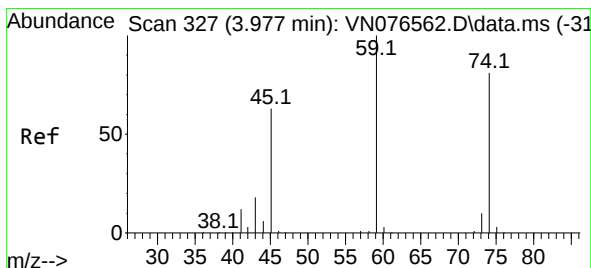
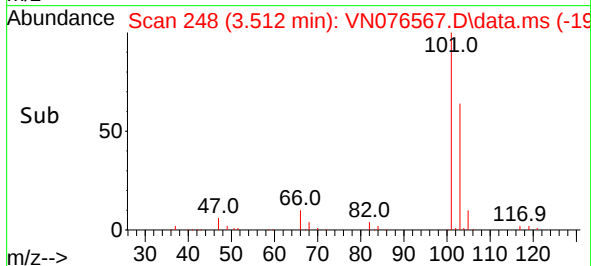
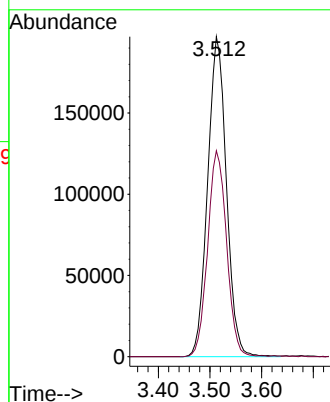
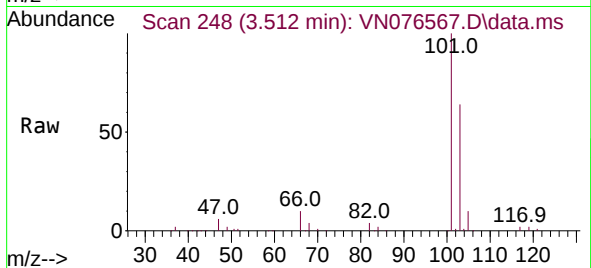
#7
Trichlorofluoromethane
Concen: 44.506 ug/l
RT: 3.512 min Scan# 248
Delta R.T. 0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

Instrument :
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Tgt Ion:101 Resp: 49680
Ion Ratio Lower Upper
101 100
103 64.4 51.3 76.9

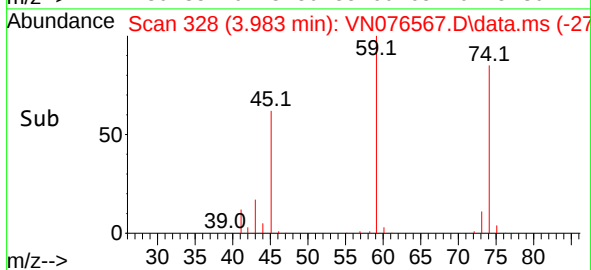
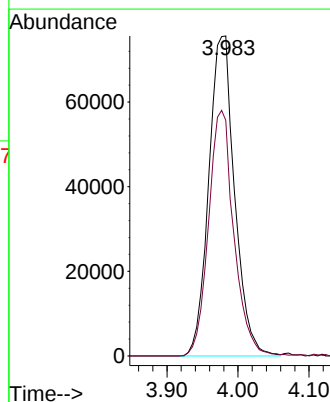
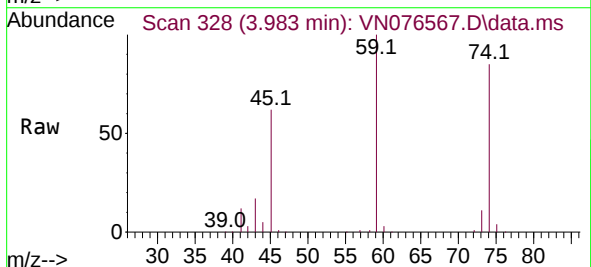
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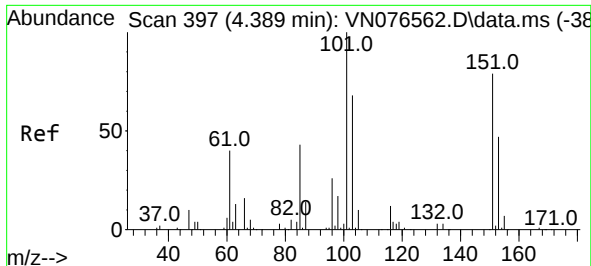
Reviewed By :John Carlone 02/09/2023
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#8
Diethyl Ether
Concen: 45.283 ug/l
RT: 3.983 min Scan# 328
Delta R.T. 0.006 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

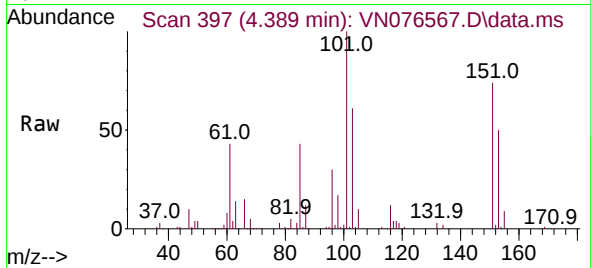
Tgt Ion: 74 Resp: 191407
Ion Ratio Lower Upper
74 100
45 75.1 39.8 119.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.080 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

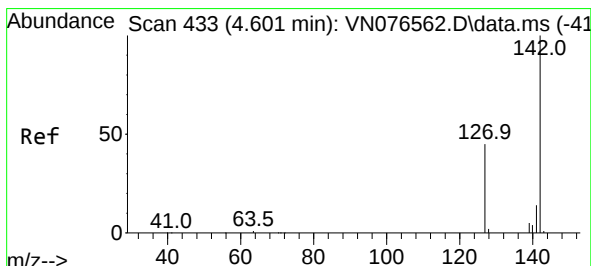
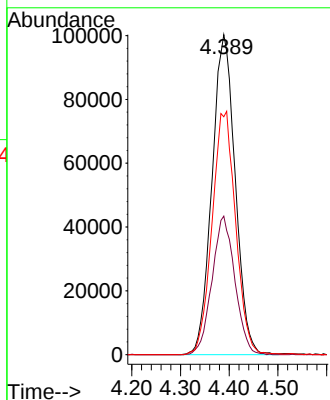
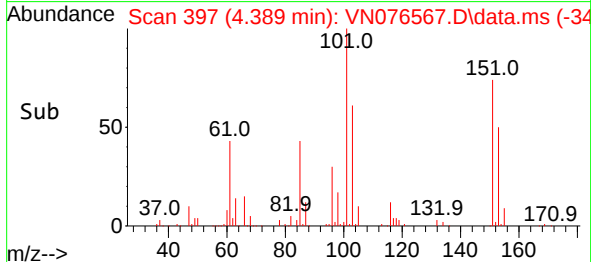
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



Tgt Ion:101 Resp: 332488
Ion Ratio Lower Upper
101 100
85 42.5 33.9 50.9
151 77.2 62.5 93.7

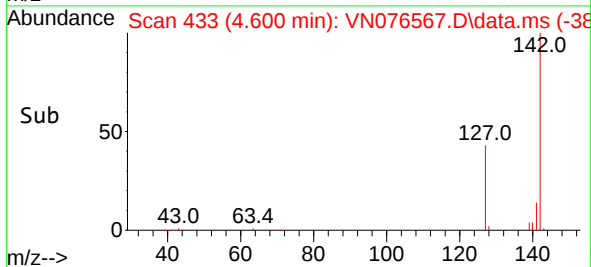
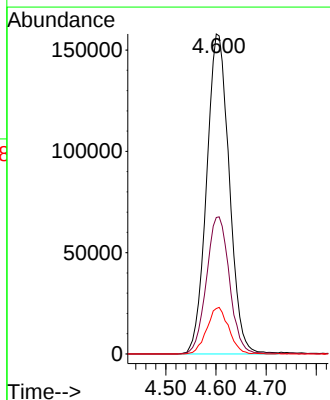
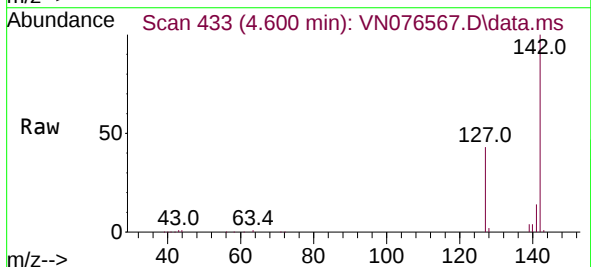
Manual Integrations
APPROVED

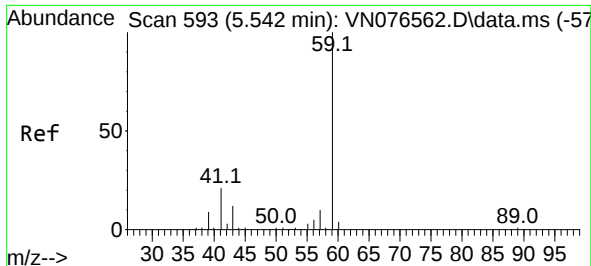
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#10
Methyl Iodide
Concen: 48.892 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.001 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

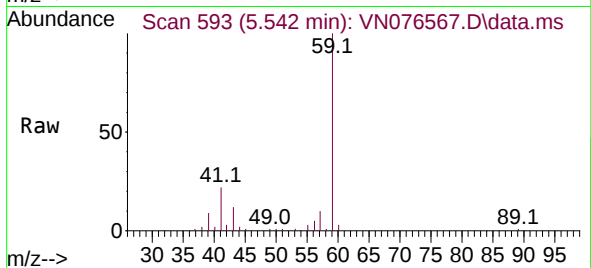
Tgt Ion:142 Resp: 494523
Ion Ratio Lower Upper
142 100
127 42.6 34.8 52.2
141 14.2 11.2 16.8





#11
Tert butyl alcohol
Concen: 206.306 ug/l
RT: 5.542 min Scan# 593
Delta R.T. -0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

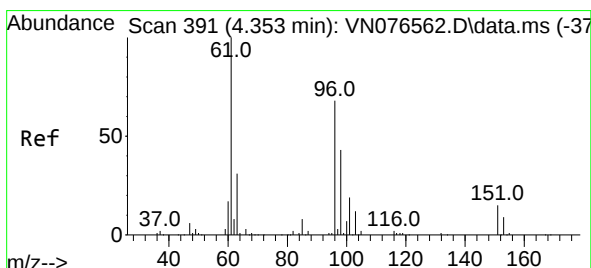
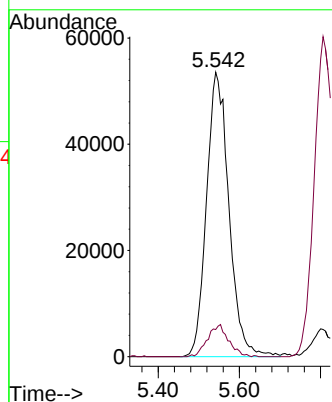
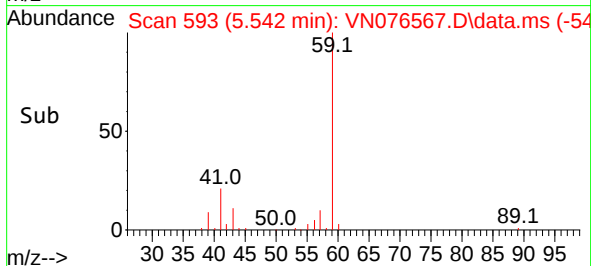
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



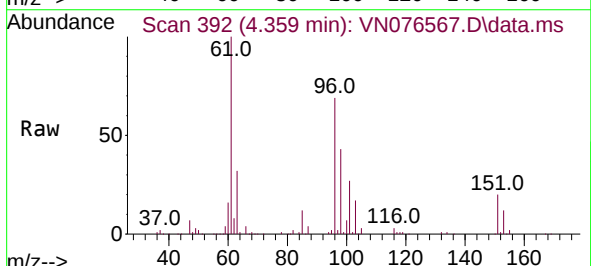
Tgt Ion: 59 Resp: 20489
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

Manual Integrations
APPROVED

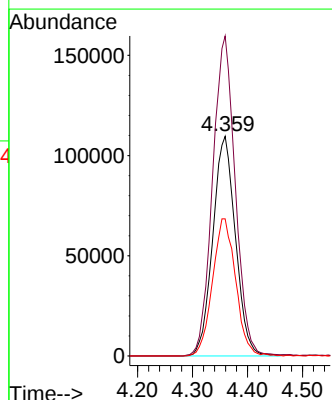
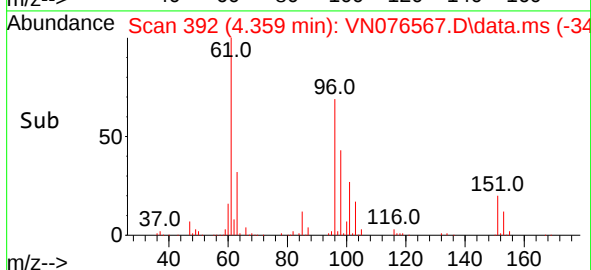
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023

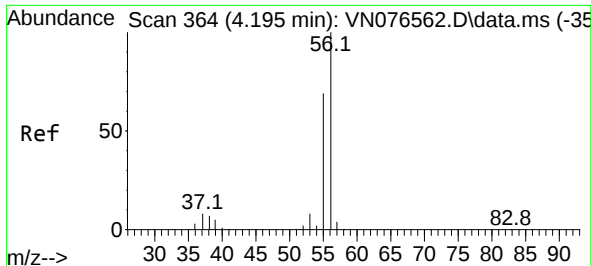


#12
1,1-Dichloroethene
Concen: 48.667 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48



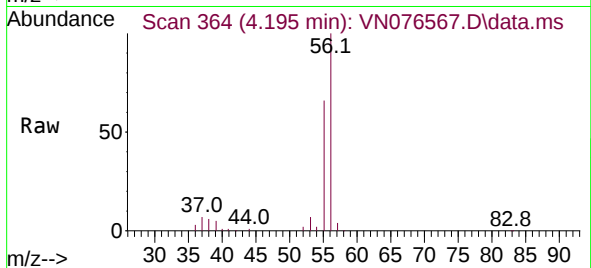
Tgt Ion: 96 Resp: 314400
Ion Ratio Lower Upper
96 100
61 145.6 118.3 177.5
98 62.4 50.7 76.1





#13
Acrolein
Concen: 227.993 ug/l
RT: 4.195 min Scan# 302488
Delta R.T. -0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

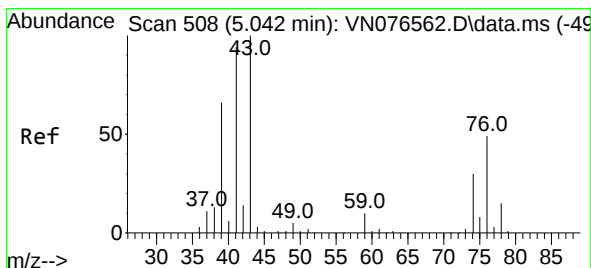
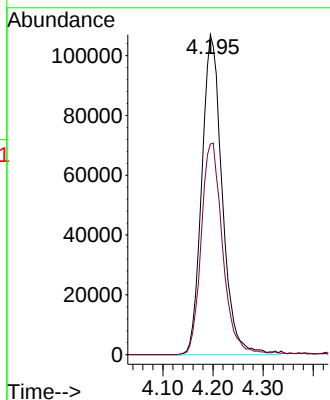
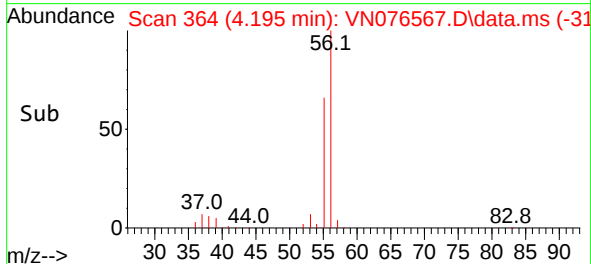
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 302488
Ion Ratio Lower Upper
56 100
55 69.2 54.7 82.1

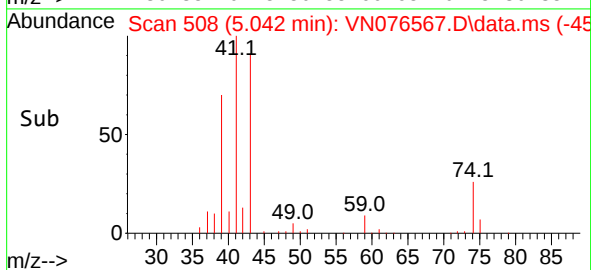
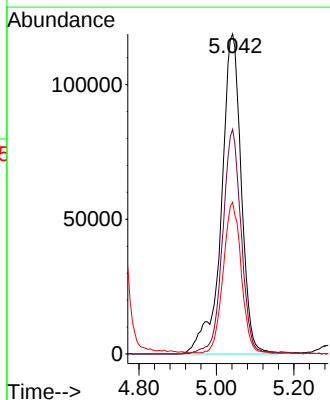
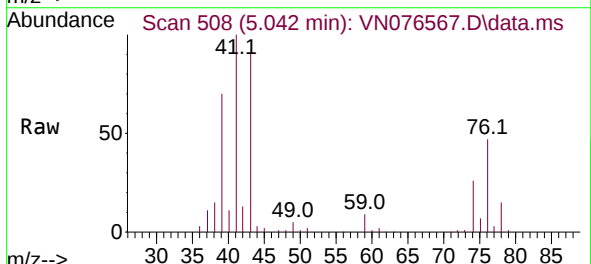
Manual Integrations
APPROVED

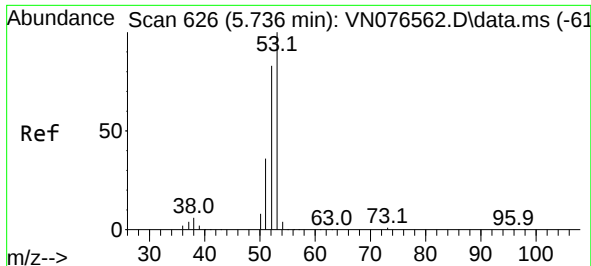
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#14
Allyl chloride
Concen: 50.501 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

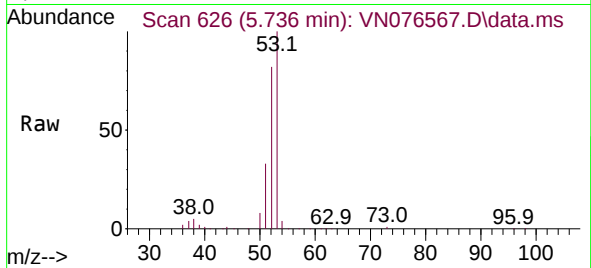
Tgt Ion: 41 Resp: 424897
Ion Ratio Lower Upper
41 100
39 65.5 55.8 83.6
76 42.8 36.8 55.2





#15
Acrylonitrile
Concen: 220.698 ug/l
RT: 5.736 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

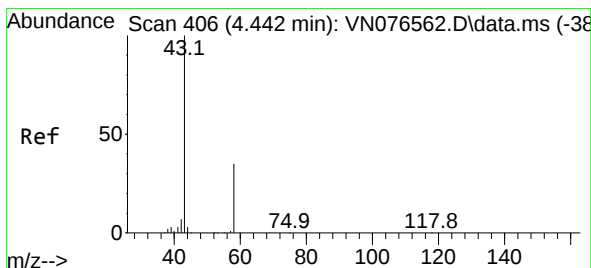
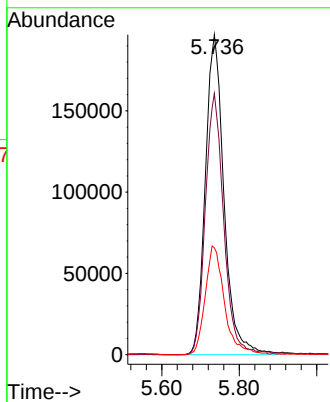
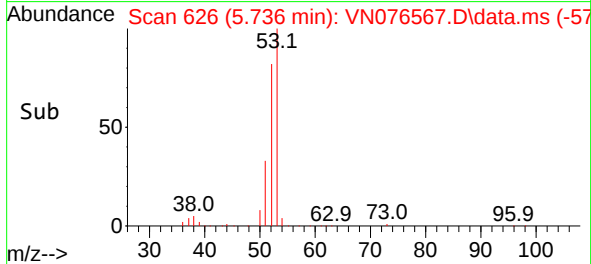
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



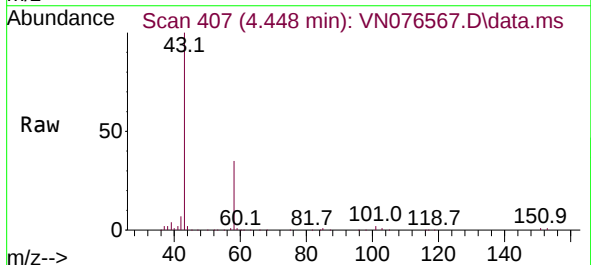
Tgt Ion: 53 Resp: 657734
Ion Ratio Lower Upper
53 100
52 80.2 64.6 96.8
51 35.2 27.9 41.9

Manual Integrations
APPROVED

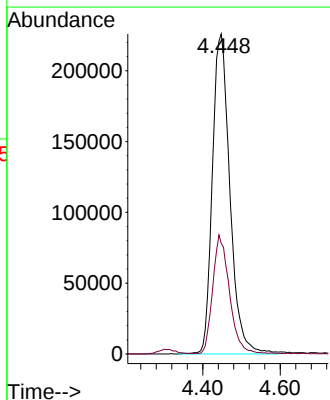
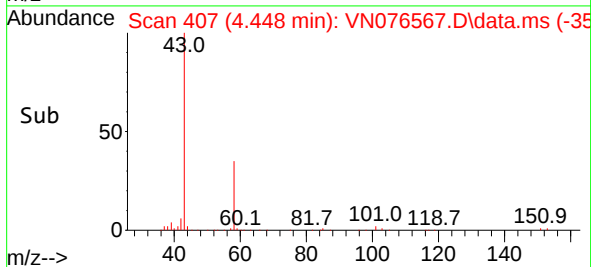
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023

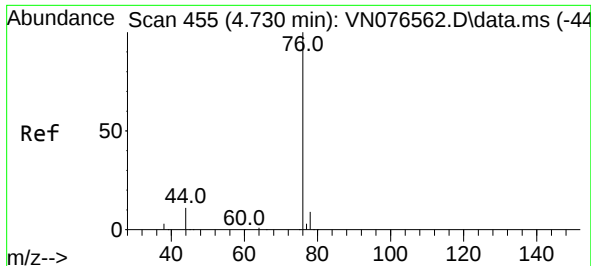


#16
Acetone
Concen: 282.672 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48



Tgt Ion: 43 Resp: 710584
Ion Ratio Lower Upper
43 100
58 34.3 28.4 42.6





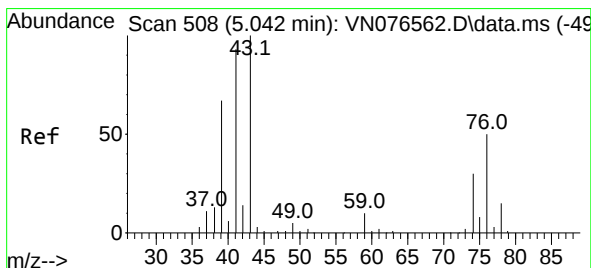
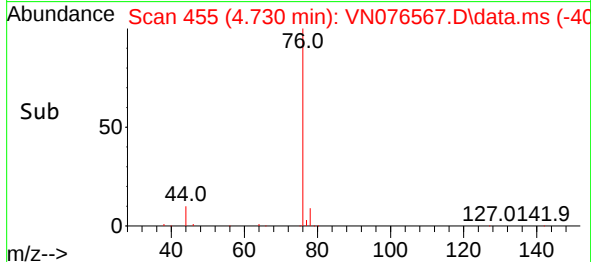
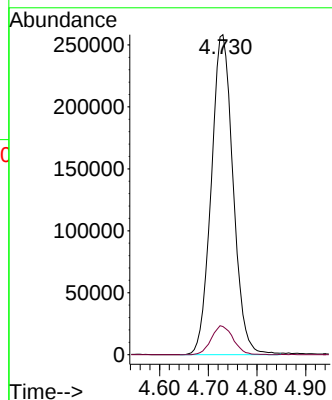
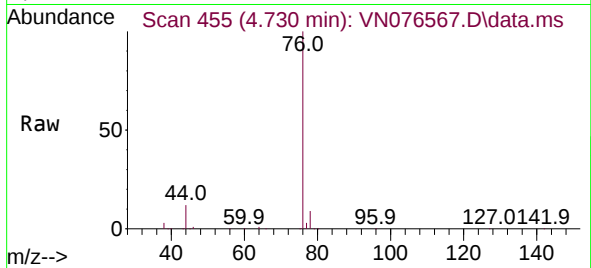
#17
Carbon Disulfide
Concen: 48.049 ug/l
RT: 4.730 min Scan# 455
Delta R.T. -0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 80413
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4

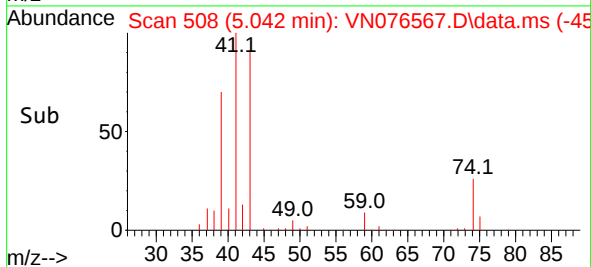
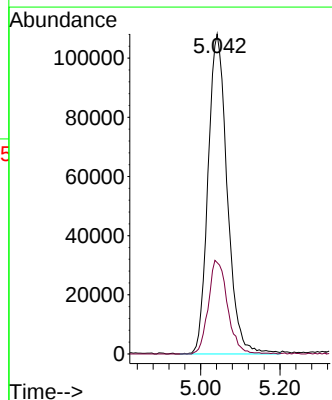
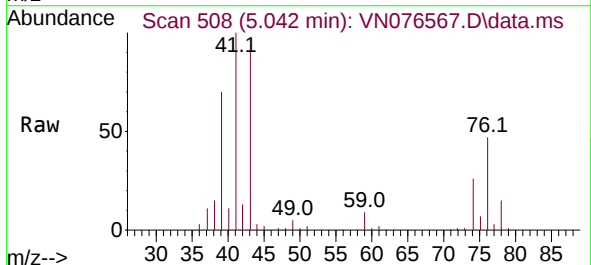
Manual Integrations
APPROVED

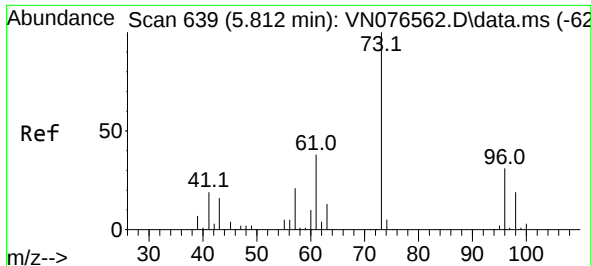
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#18
Methyl Acetate
Concen: 45.735 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

Tgt Ion: 43 Resp: 363763
Ion Ratio Lower Upper
43 100
74 29.1 23.9 35.9





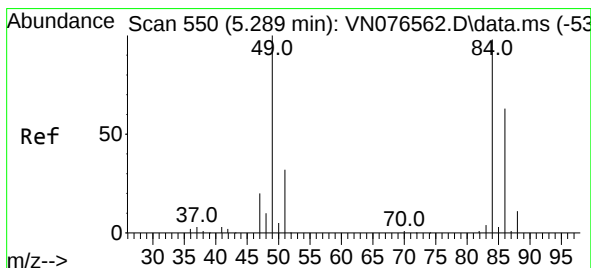
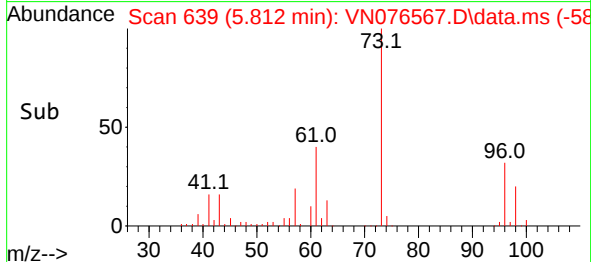
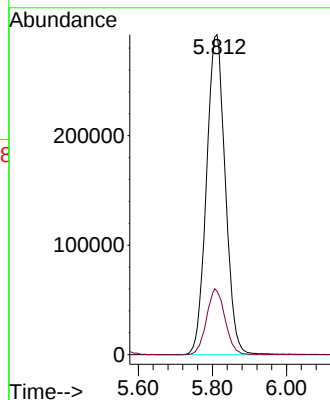
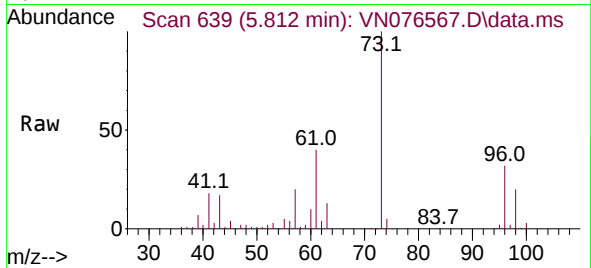
#19
Methyl tert-butyl Ether
Concen: 47.848 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 102802
Ion Ratio Lower Upper
73 100
57 19.8 17.0 25.6

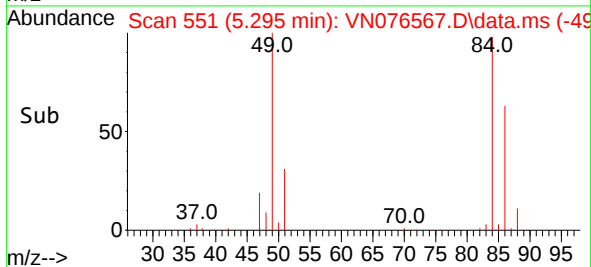
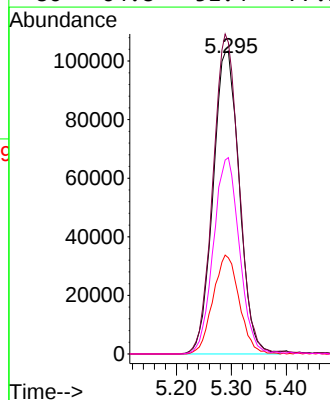
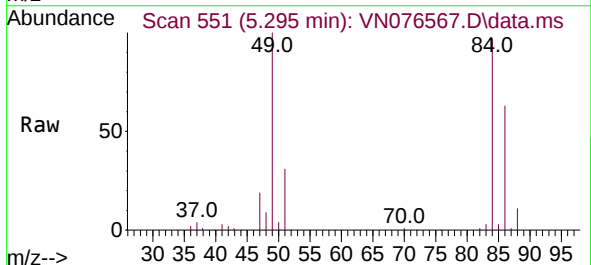
Manual Integrations
APPROVED

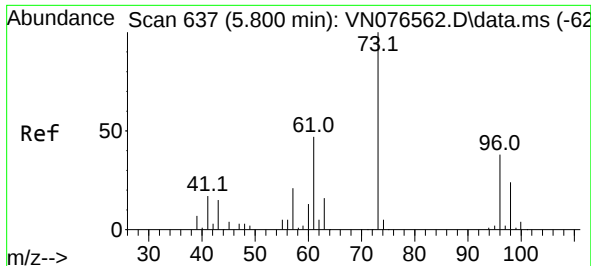
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#20
Methylene Chloride
Concen: 44.291 ug/l
RT: 5.295 min Scan# 551
Delta R.T. 0.006 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

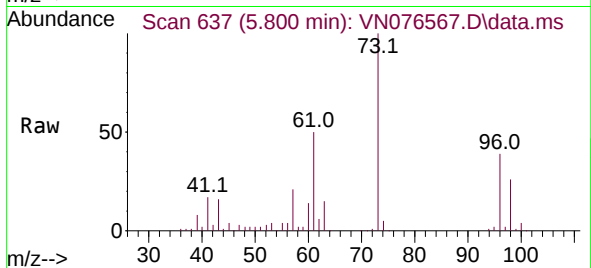
Tgt Ion: 84 Resp: 343230
Ion Ratio Lower Upper
84 100
49 102.8 82.0 123.0
51 31.8 26.0 39.0
86 64.8 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 47.309 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

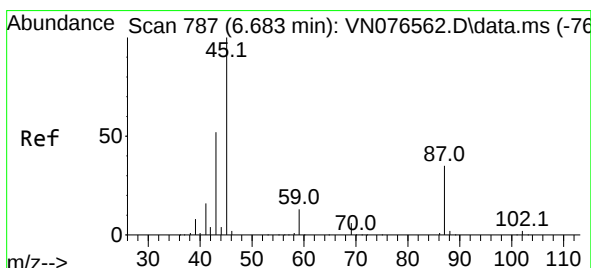
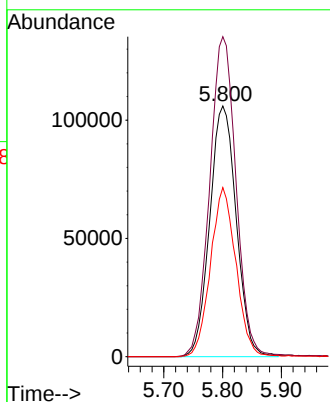
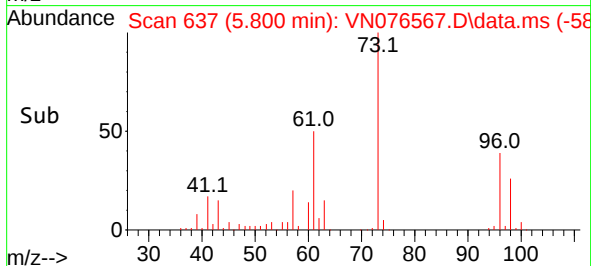
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



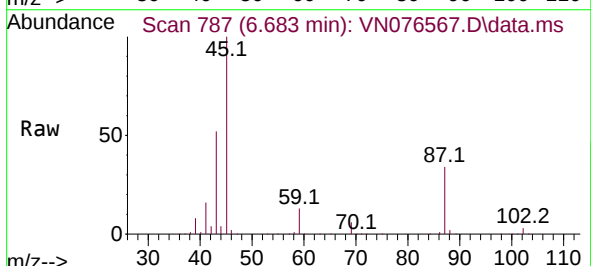
Tgt Ion: 96 Resp: 332189
Ion Ratio Lower Upper
96 100
61 127.5 98.9 148.3
98 67.5 49.4 74.2

Manual Integrations
APPROVED

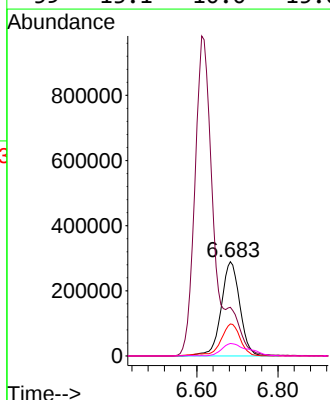
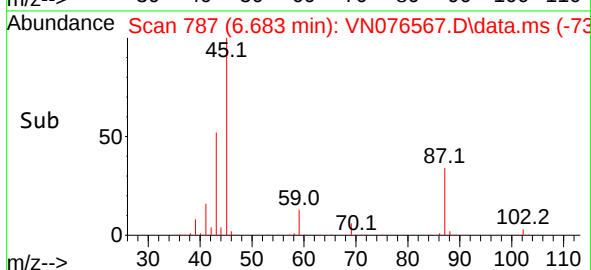
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023

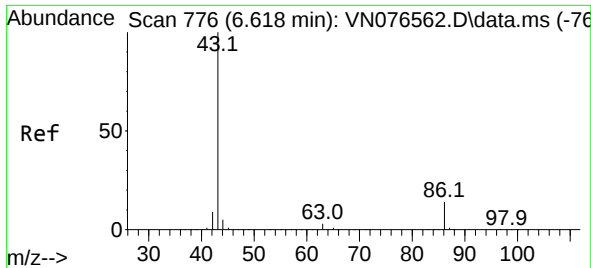


#22
Diisopropyl ether
Concen: 48.436 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48



Tgt Ion: 45 Resp: 923613
Ion Ratio Lower Upper
45 100
43 50.7 41.4 62.2
87 33.8 28.2 42.4
59 13.1 10.0 15.0





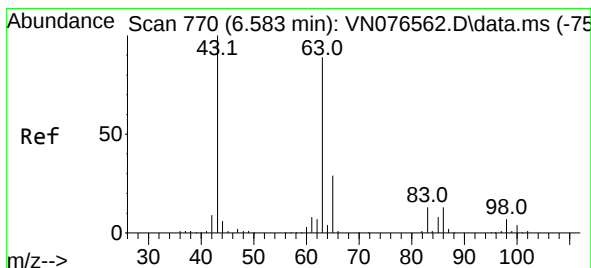
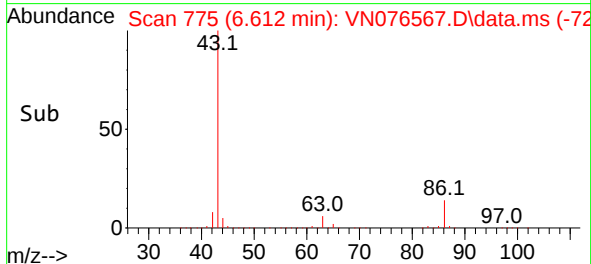
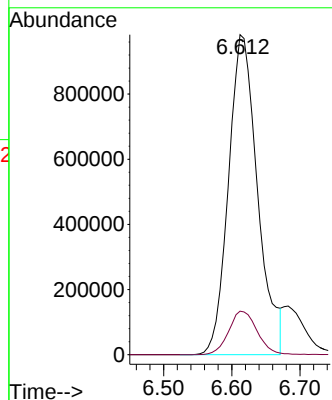
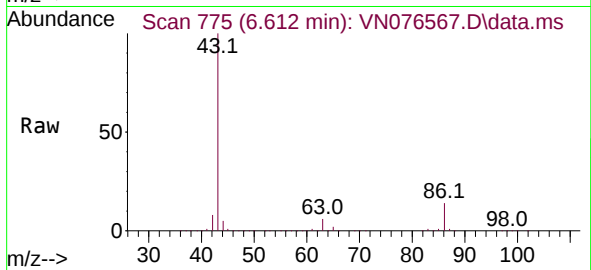
#23
 Vinyl Acetate
 Concen: 244.202 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.006 min
 Lab File: VN076567.D
 Acq: 08 Feb 2023 09:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 291369
 Ion Ratio Lower Upper
 43 100
 86 13.6 11.3 16.9

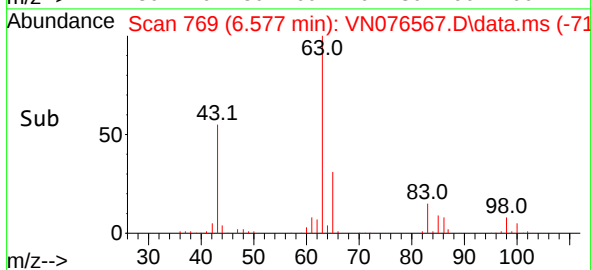
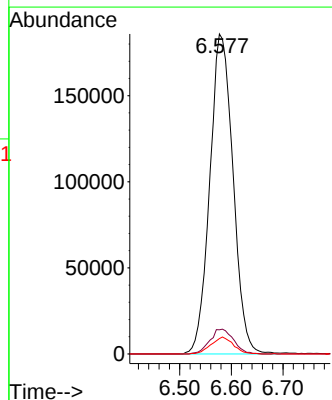
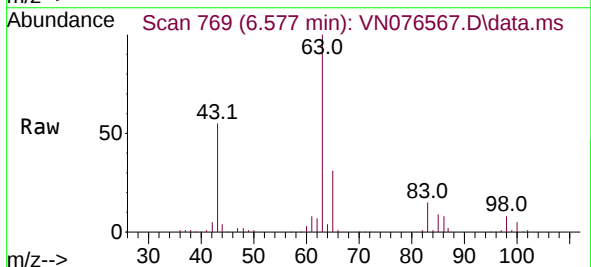
Manual Integrations
 APPROVED

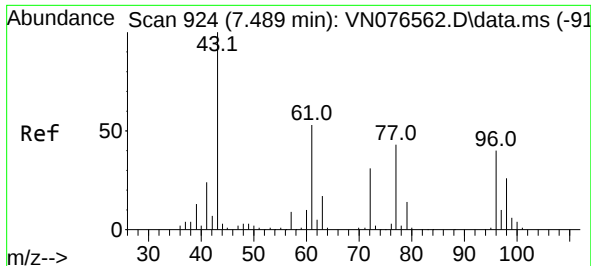
Reviewed By :John Carlone 02/09/2023
 Supervised By :Semsettin Yesilyurt 02/09/2023



#24
 1,1-Dichloroethane
 Concen: 47.433 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VN076567.D
 Acq: 08 Feb 2023 09:48

Tgt Ion: 63 Resp: 580809
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.4
 100 4.8 2.5 7.4





#25

2-Butanone

Concen: 243.595 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.005 min

Lab File: VN076567.D

Acq: 08 Feb 2023 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 88020

Ion Ratio Lower Upper

43 100

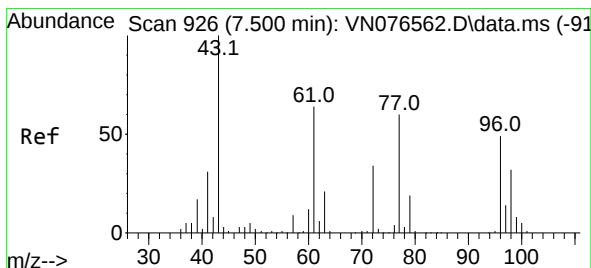
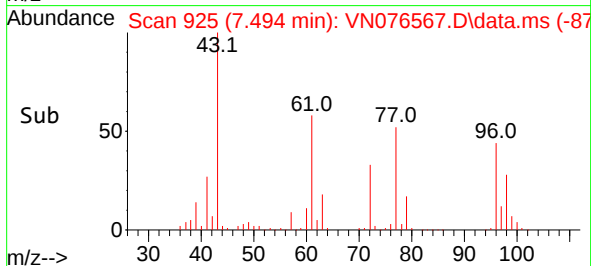
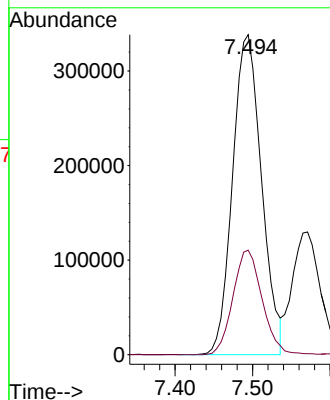
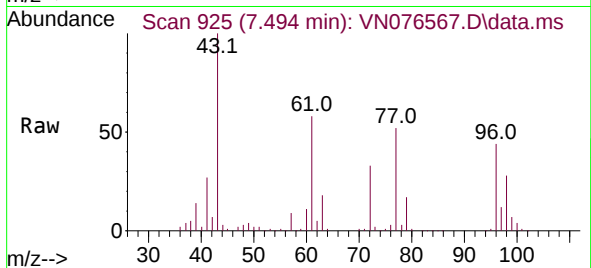
72 32.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/09/2023



#26

2,2-Dichloropropane

Concen: 49.882 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN076567.D

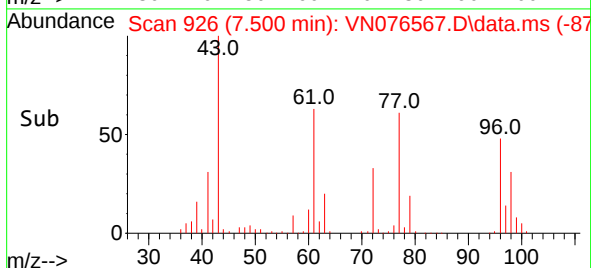
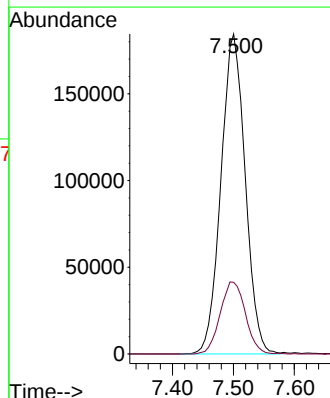
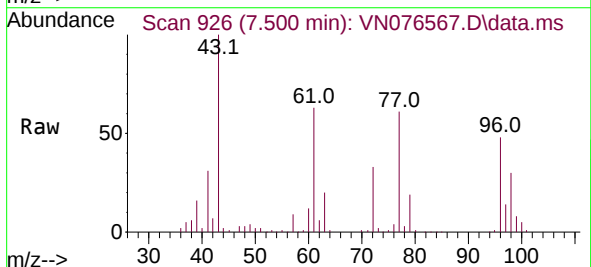
Acq: 08 Feb 2023 09:48

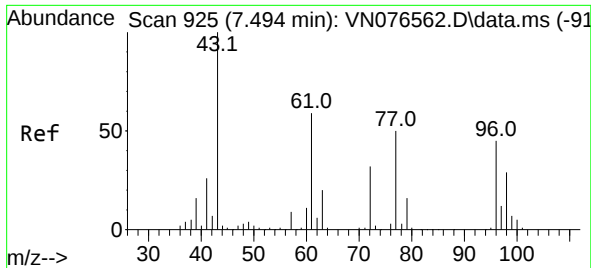
Tgt Ion: 77 Resp: 509866

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 47.757 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076567.D

Acq: 08 Feb 2023 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 392150

Ion Ratio Lower Upper

96 100

61 132.4 0.0 262.2

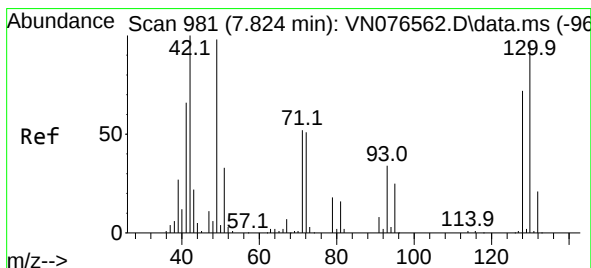
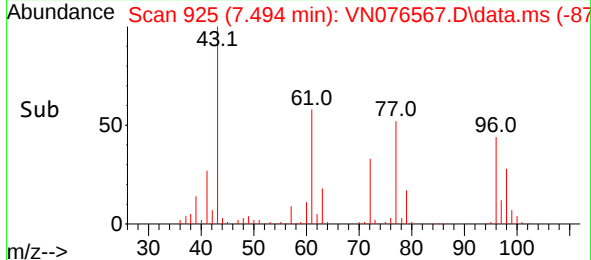
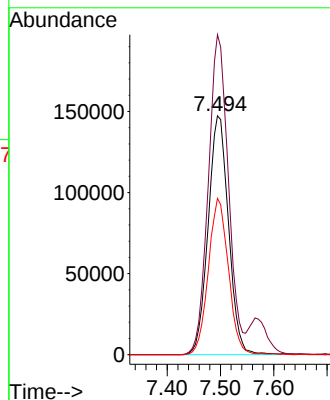
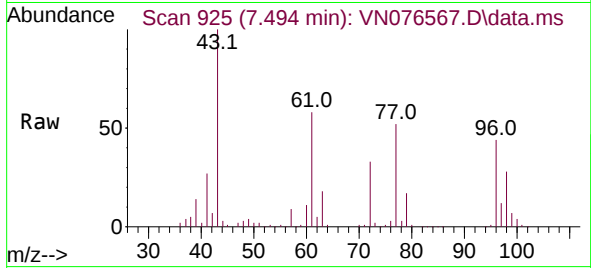
98 64.6 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/09/2023



#28

Bromochloromethane

Concen: 50.328 ug/l

RT: 7.824 min Scan# 981

Delta R.T. -0.000 min

Lab File: VN076567.D

Acq: 08 Feb 2023 09:48

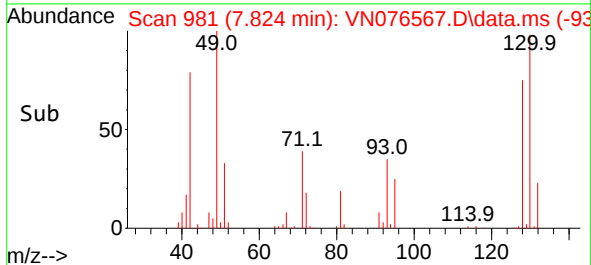
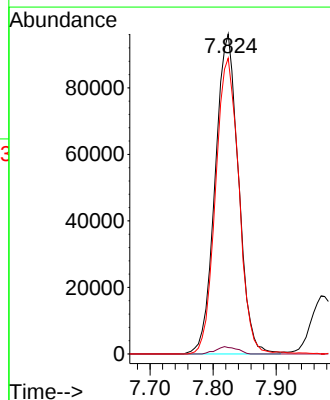
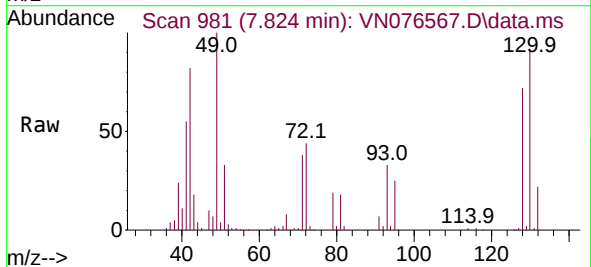
Tgt Ion: 49 Resp: 246924

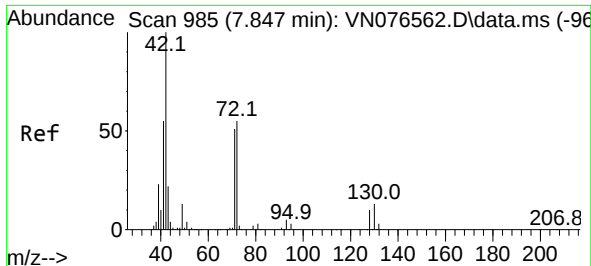
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 92.1 74.3 111.5





#29

Tetrahydrofuran

Concen: 227.544 ug/l

RT: 7.847 min Scan# 985

Delta R.T. 0.000 min

Lab File: VN076567.D

Acq: 08 Feb 2023 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 528420

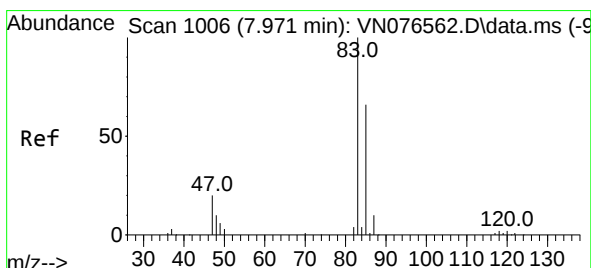
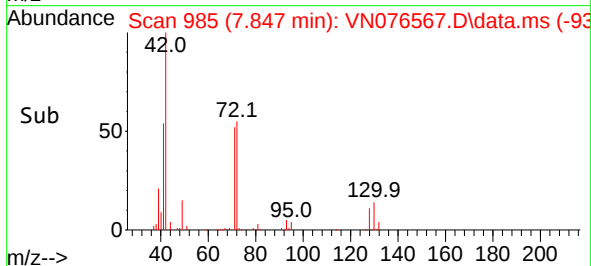
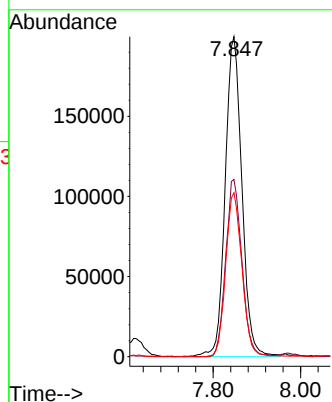
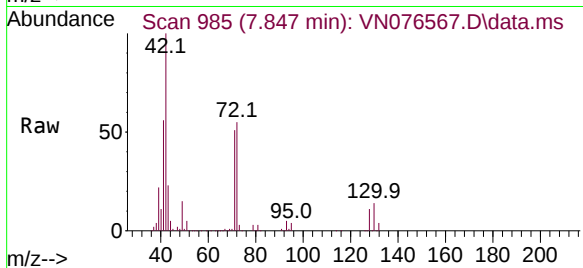
Ion	Ratio	Lower	Upper
42	100		
72	53.9	42.9	64.3
71	50.0	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/09/2023



#30

Chloroform

Concen: 47.352 ug/l

RT: 7.971 min Scan# 1006

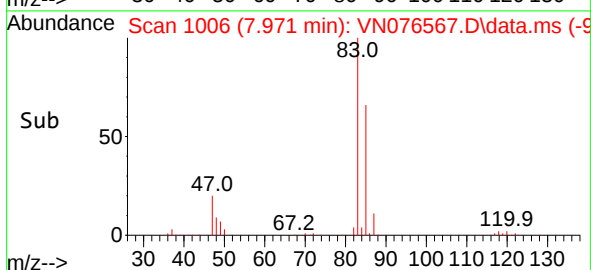
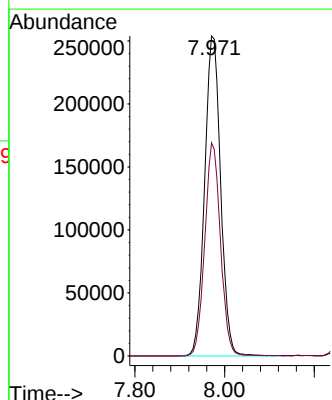
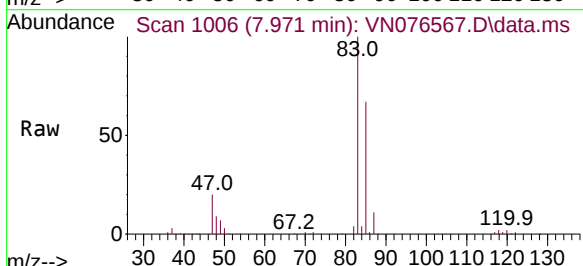
Delta R.T. -0.000 min

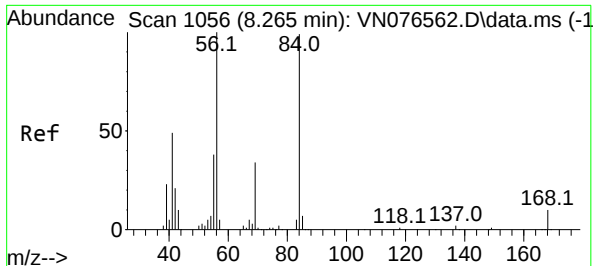
Lab File: VN076567.D

Acq: 08 Feb 2023 09:48

Tgt Ion: 83 Resp: 628996

Ion	Ratio	Lower	Upper
83	100		
85	66.6	52.5	78.7





#31

Cyclohexane

Concen: 44.877 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN076567.D

Acq: 08 Feb 2023 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 54082

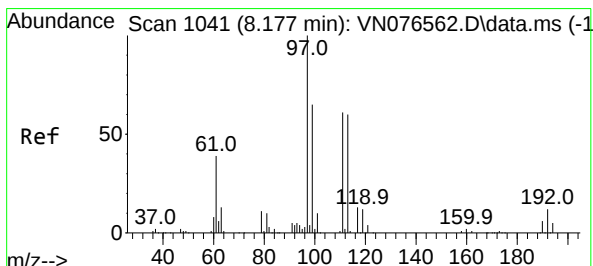
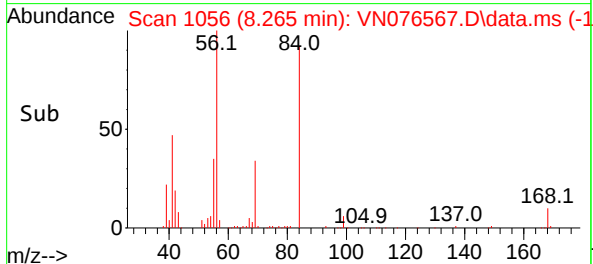
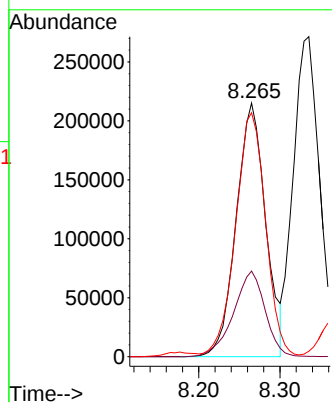
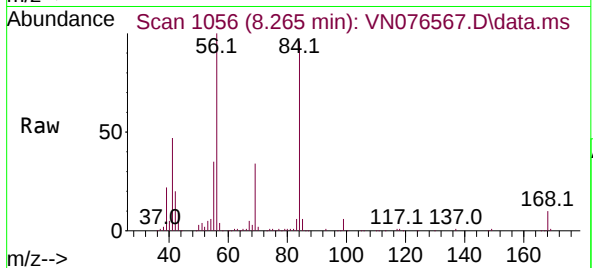
Ion	Ratio	Lower	Upper
56	100		
69	33.8	27.0	40.4
84	94.3	79.5	119.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/09/2023



#32

1,1,1-Trichloroethane

Concen: 48.114 ug/l

RT: 8.177 min Scan# 1041

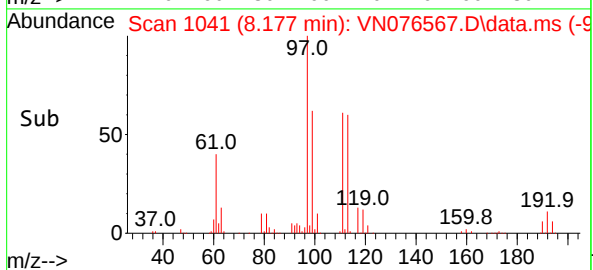
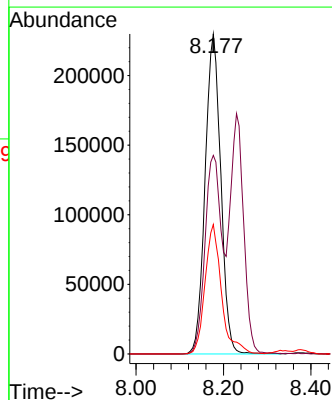
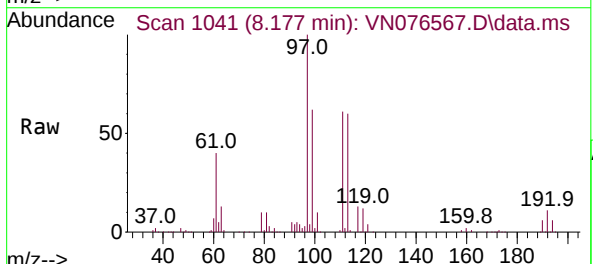
Delta R.T. -0.000 min

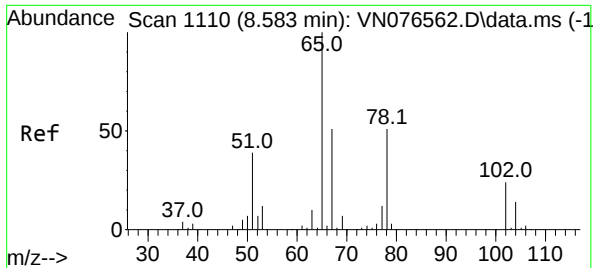
Lab File: VN076567.D

Acq: 08 Feb 2023 09:48

Tgt Ion: 97 Resp: 572687

Ion	Ratio	Lower	Upper
97	100		
99	67.0	53.5	80.3
61	42.7	33.6	50.4





#33
1,2-Dichloroethane-d4
Concen: 48.709 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

Instrument :

MSVOA_N

ClientSampleId :

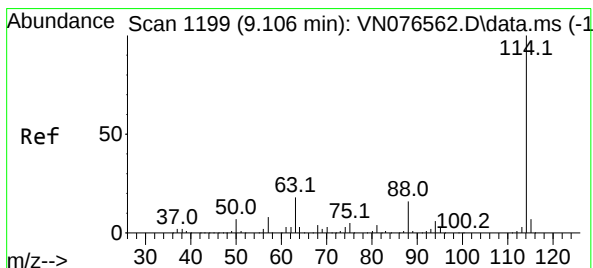
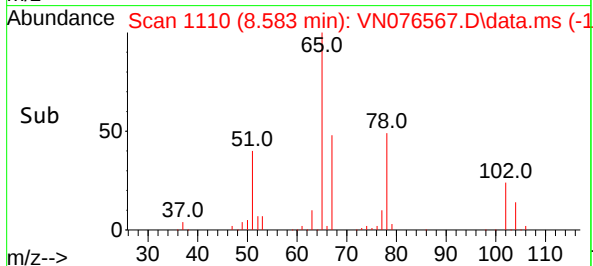
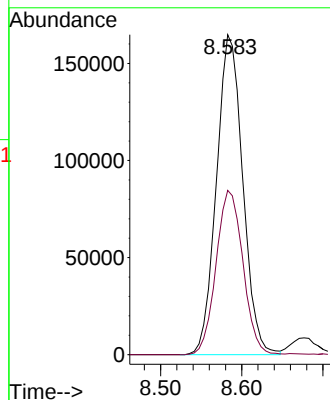
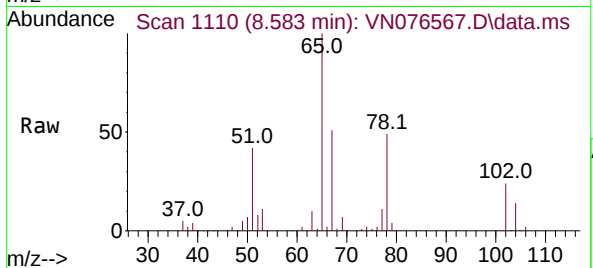
VSTDCCC050

Tgt Ion: 65 Resp: 371390
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

Manual Integrations

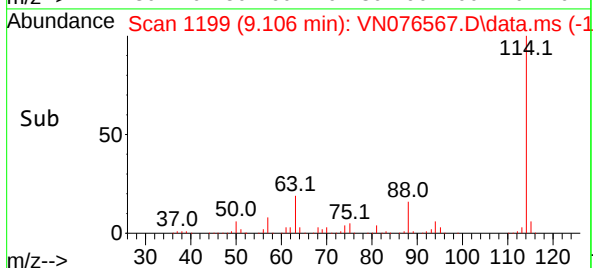
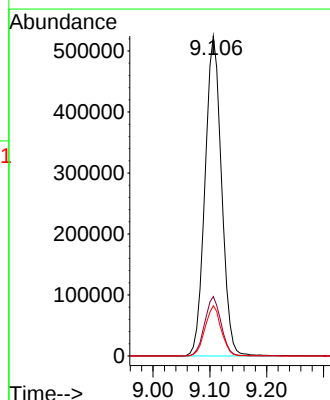
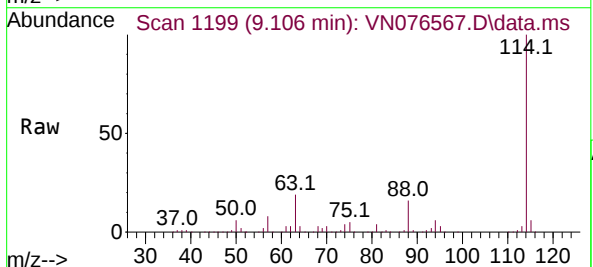
APPROVED

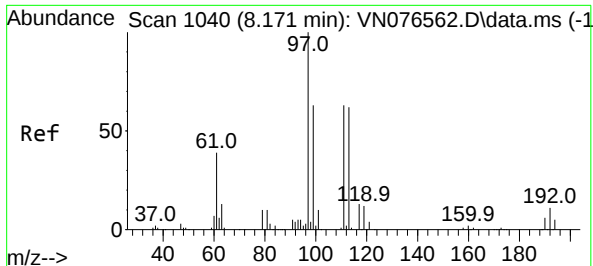
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

Tgt Ion:114 Resp: 1057343
Ion Ratio Lower Upper
114 100
63 18.5 0.0 36.6
88 15.7 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.612 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076567.D

Acq: 08 Feb 2023 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 33266

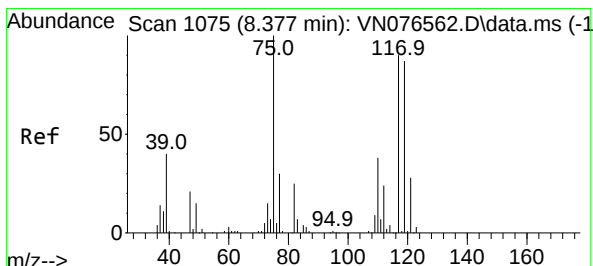
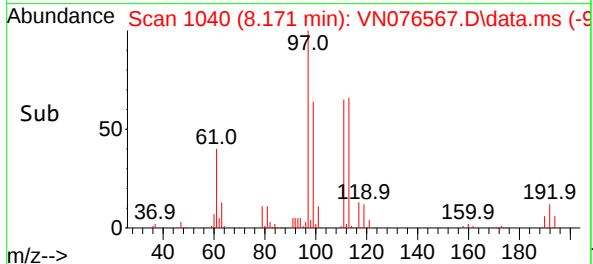
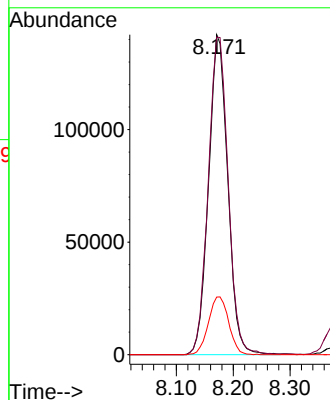
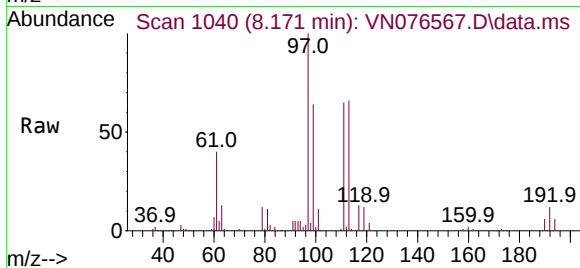
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
192	19.1	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/09/2023



#36

1,1-Dichloropropene

Concen: 50.067 ug/l

RT: 8.377 min Scan# 1075

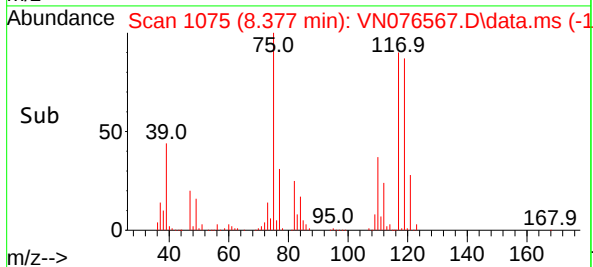
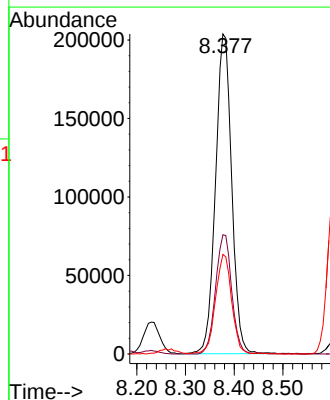
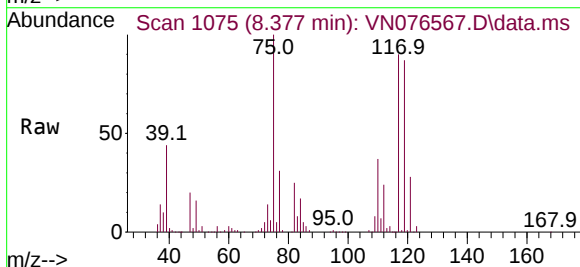
Delta R.T. -0.000 min

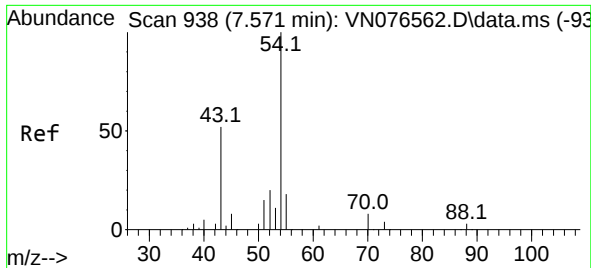
Lab File: VN076567.D

Acq: 08 Feb 2023 09:48

Tgt Ion: 75 Resp: 469849

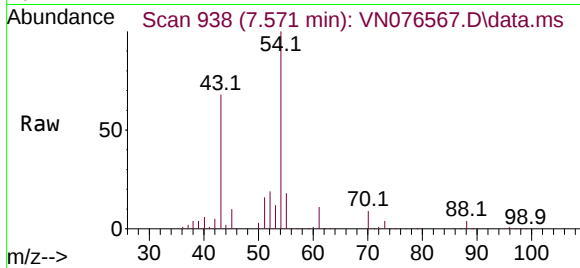
Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.6	55.6
77	30.7	25.1	37.7





#37
Ethyl Acetate
Concen: 48.117 ug/l
RT: 7.571 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

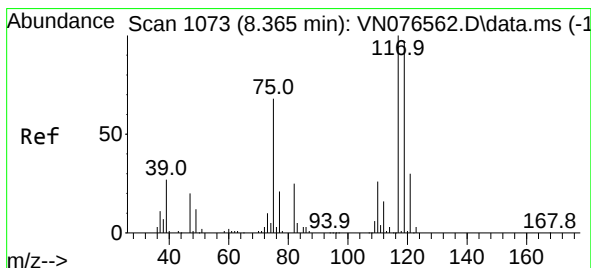
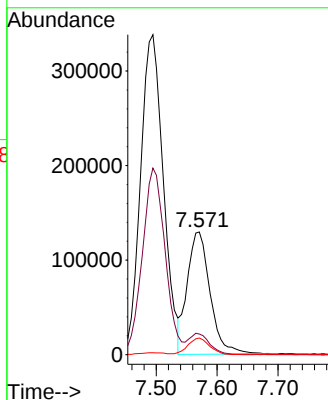
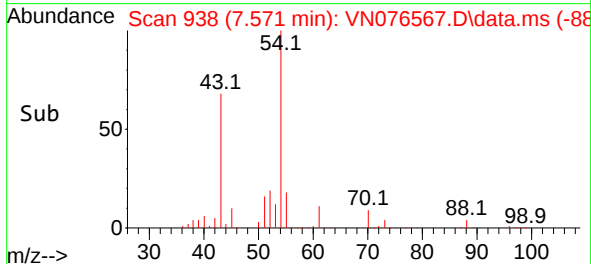
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 338298
Ion Ratio Lower Upper
43 100
61 15.4 11.8 17.6
70 12.9 10.4 15.6

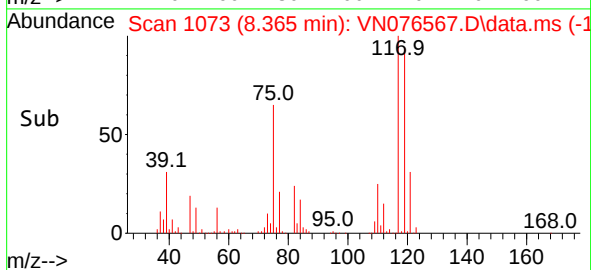
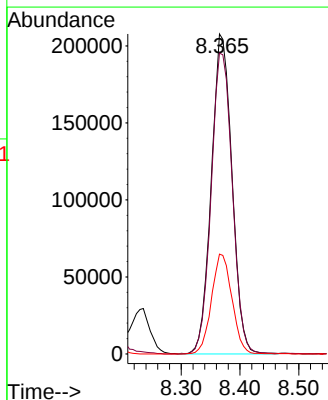
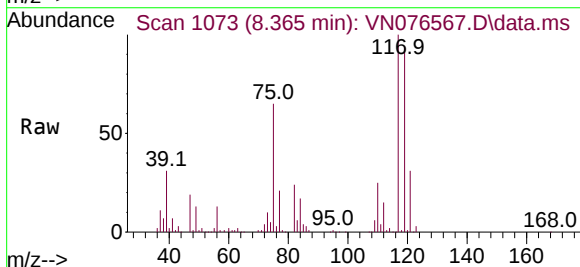
Manual Integrations
APPROVED

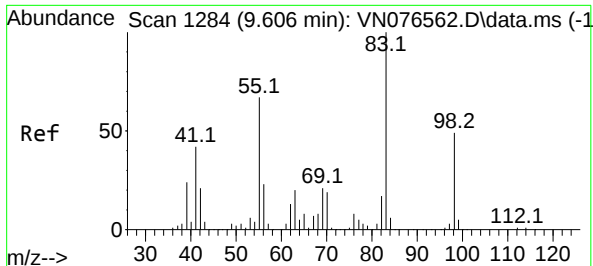
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#38
Carbon Tetrachloride
Concen: 50.297 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

Tgt Ion:117 Resp: 507491
Ion Ratio Lower Upper
117 100
119 94.0 77.2 115.8
121 31.2 23.9 35.9





#39

Methylcyclohexane

Concen: 52.194 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076567.D

Acq: 08 Feb 2023 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 60829

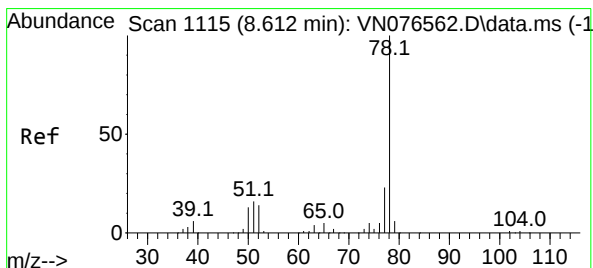
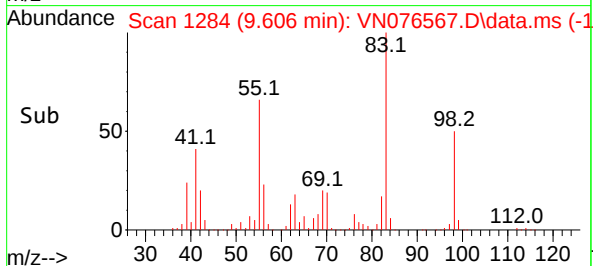
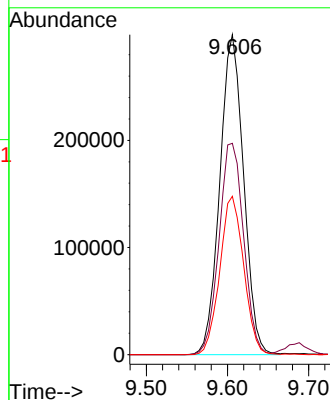
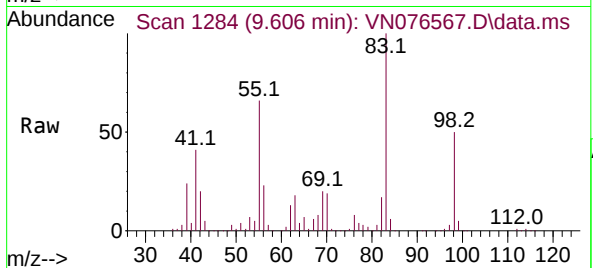
Ion	Ratio	Lower	Upper
83	100		
55	66.1	53.8	80.6
98	49.5	39.0	58.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/09/2023



#40

Benzene

Concen: 49.080 ug/l

RT: 8.612 min Scan# 1115

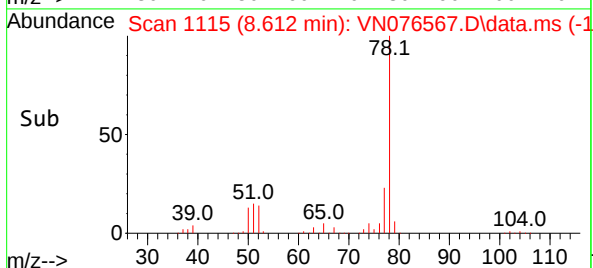
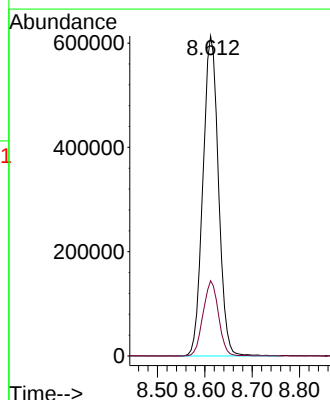
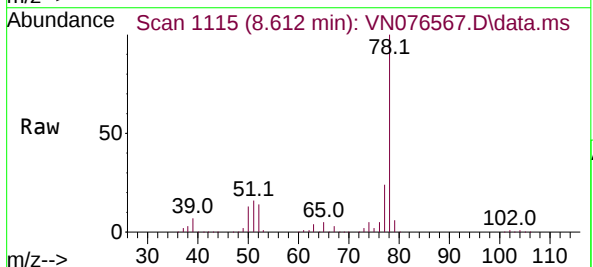
Delta R.T. -0.000 min

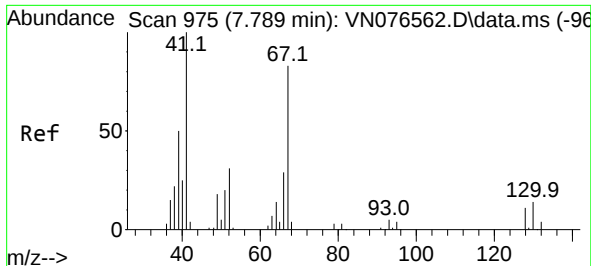
Lab File: VN076567.D

Acq: 08 Feb 2023 09:48

Tgt Ion: 78 Resp: 1396198

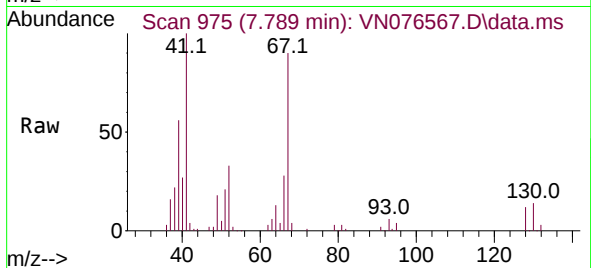
Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.6	27.8





#41
Methacrylonitrile
Concen: 46.215 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

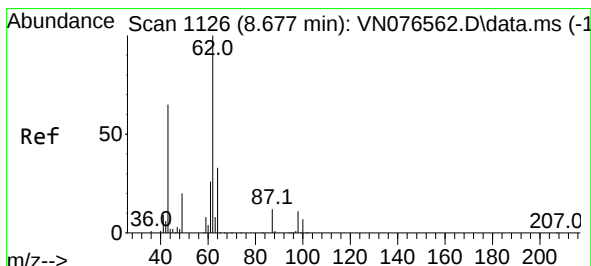
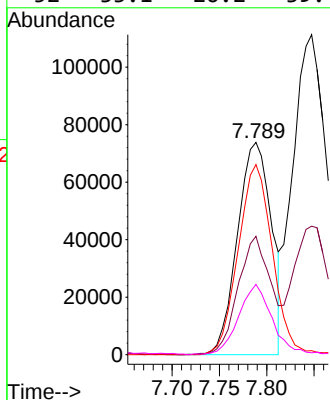
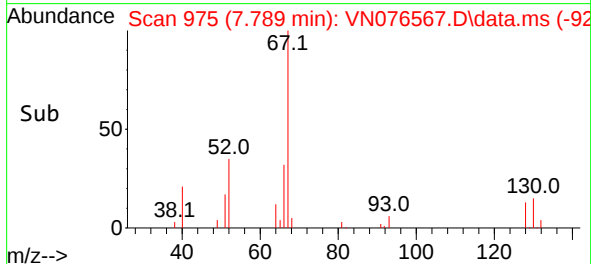
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



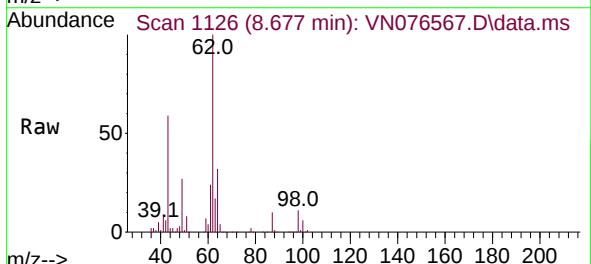
Tgt Ion: 41 Resp: 183980
Ion Ratio Lower Upper
41 100
39 53.0 41.3 61.9
67 90.6 69.6 104.4
52 33.1 26.2 39.4

Manual Integrations
APPROVED

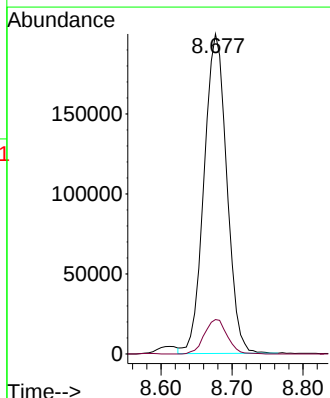
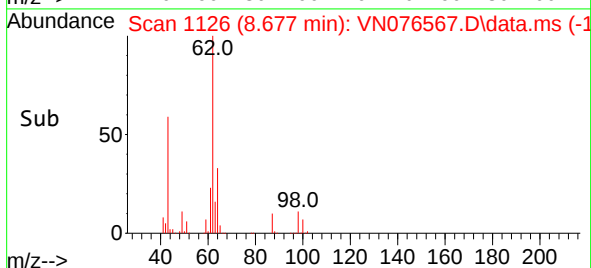
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023

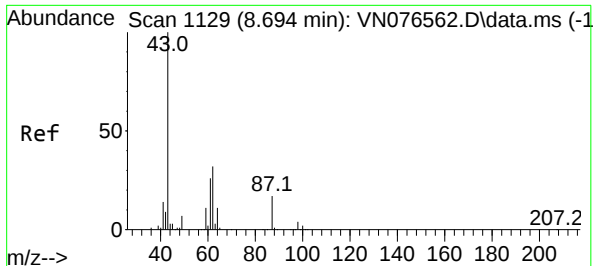


#42
1,2-Dichloroethane
Concen: 47.914 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48



Tgt Ion: 62 Resp: 443774
Ion Ratio Lower Upper
62 100
98 10.8 0.0 21.6





#43

Isopropyl Acetate

Concen: 48.451 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076567.D

Acq: 08 Feb 2023 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 56684

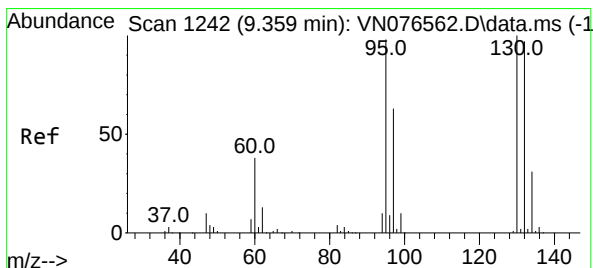
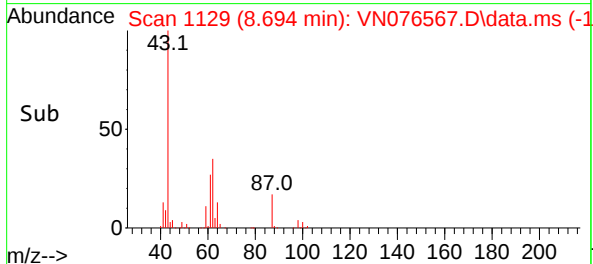
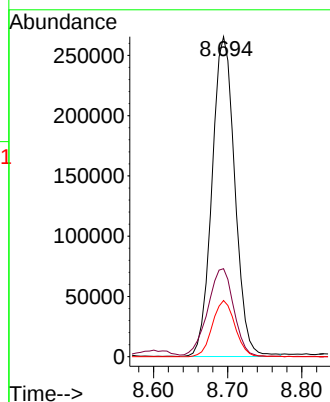
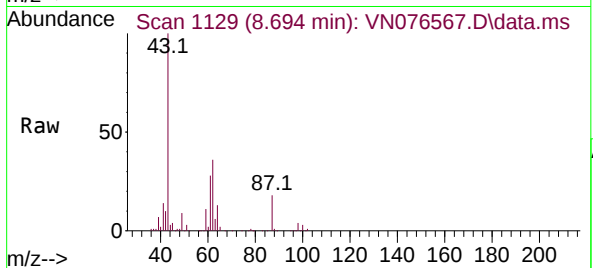
Ion	Ratio	Lower	Upper
43	100		
61	31.7	24.5	36.7
87	17.5	13.6	20.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/09/2023



#44

Trichloroethene

Concen: 49.400 ug/l

RT: 9.359 min Scan# 1242

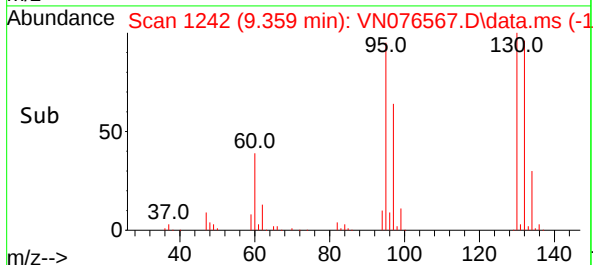
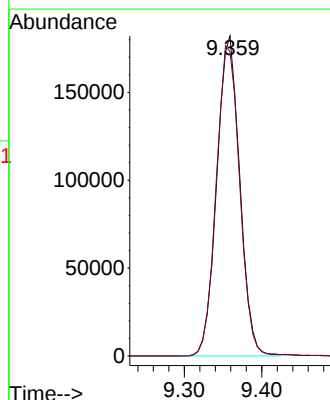
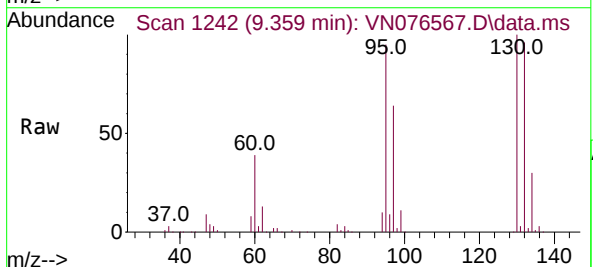
Delta R.T. -0.000 min

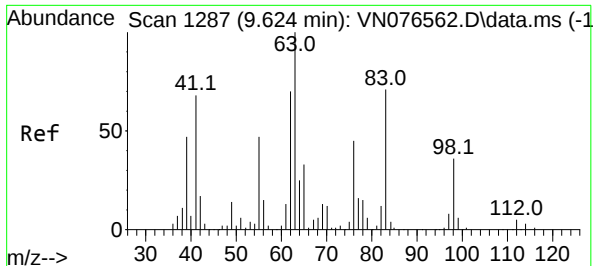
Lab File: VN076567.D

Acq: 08 Feb 2023 09:48

Tgt Ion:130 Resp: 375266

Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	196.0





#45

1,2-Dichloropropane

Concen: 49.118 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076567.D

Acq: 08 Feb 2023 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 335592

Ion Ratio Lower Upper

63 100

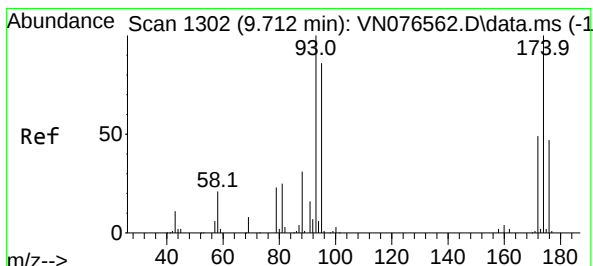
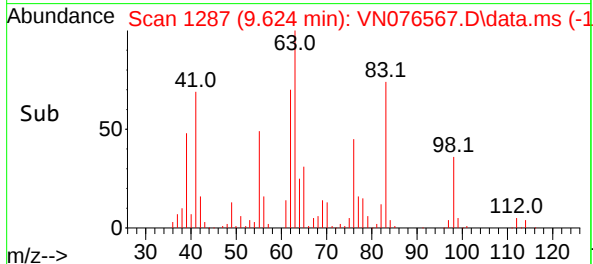
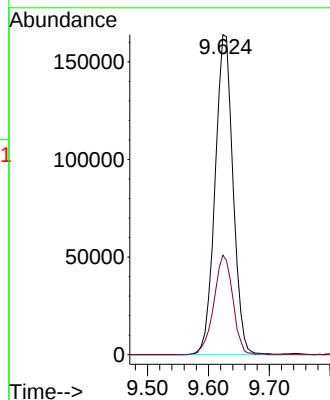
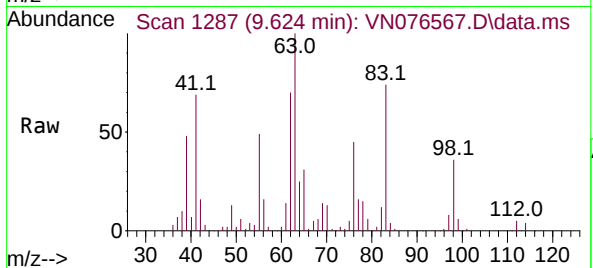
65 31.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/09/2023



#46

Dibromomethane

Concen: 47.224 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076567.D

Acq: 08 Feb 2023 09:48

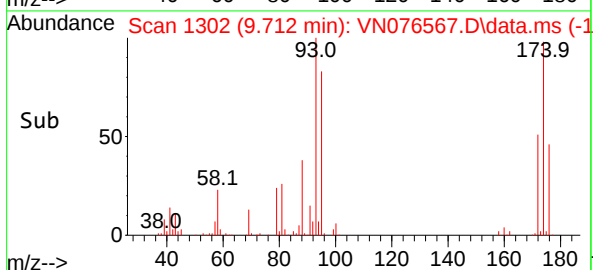
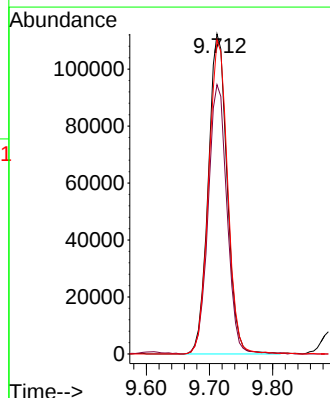
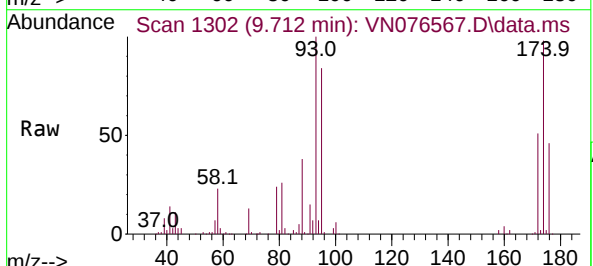
Tgt Ion: 93 Resp: 232752

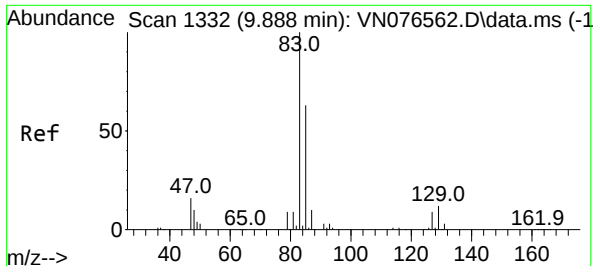
Ion Ratio Lower Upper

93 100

95 84.0 68.0 102.0

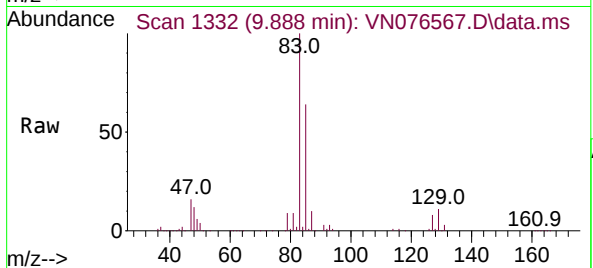
174 98.5 80.9 121.3





#47
Bromodichloromethane
Concen: 49.801 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

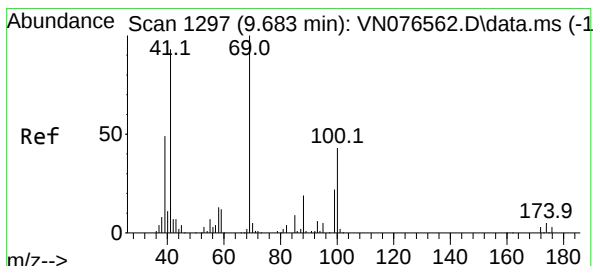
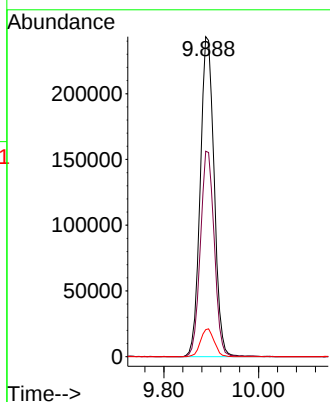
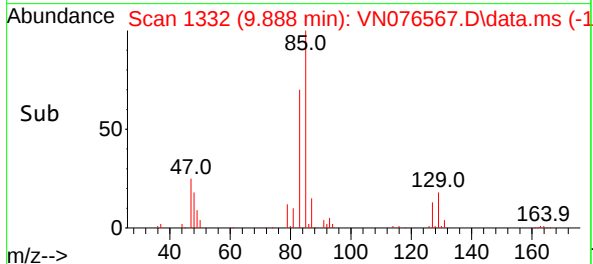
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



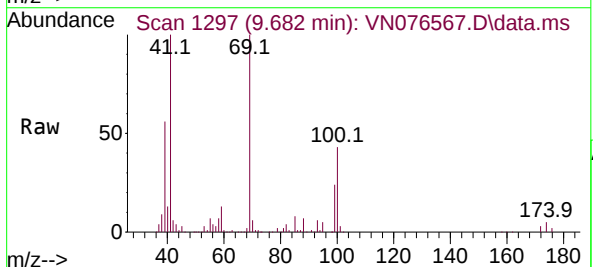
Tgt Ion: 83 Resp: 49358
Ion Ratio Lower Upper
83 100
85 64.2 50.7 76.1
127 8.5 7.0 10.6

Manual Integrations
APPROVED

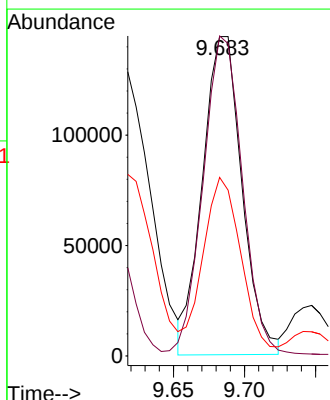
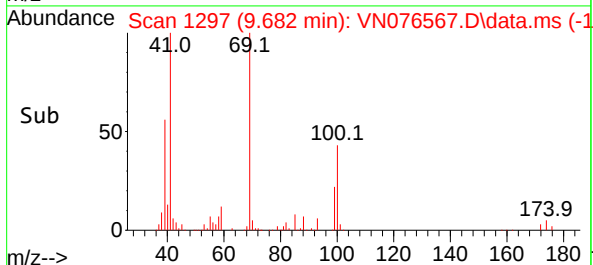
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023

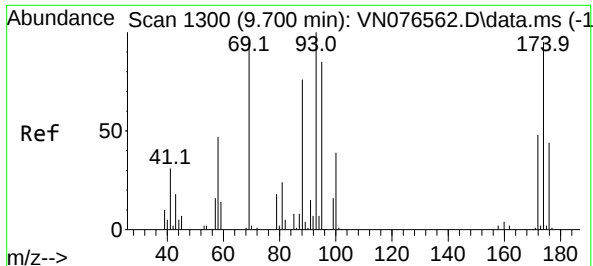


#48
Methyl methacrylate
Concen: 48.480 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.001 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48



Tgt Ion: 41 Resp: 278938
Ion Ratio Lower Upper
41 100
69 100.6 83.0 124.4
39 54.9 43.8 65.8





#49

1,4-Dioxane

Concen: 815.379 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN076567.D

Acq: 08 Feb 2023 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 100358

Ion Ratio Lower Upper

88 100

43 0.0 16.7 25.1

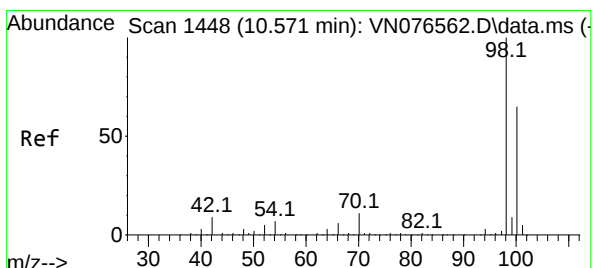
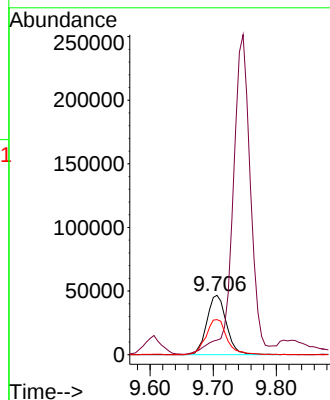
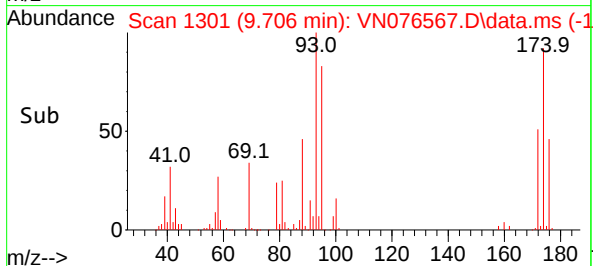
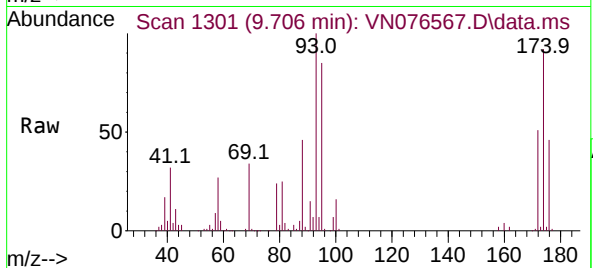
58 63.4 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/09/2023



#50

Toluene-d8

Concen: 51.530 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076567.D

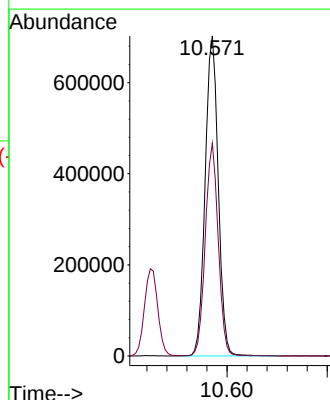
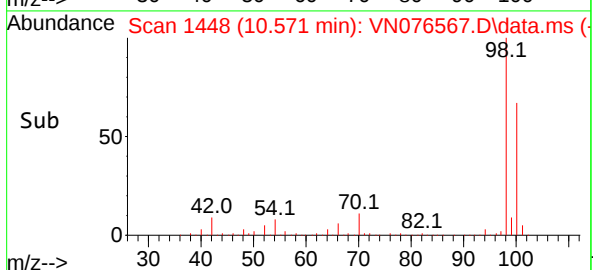
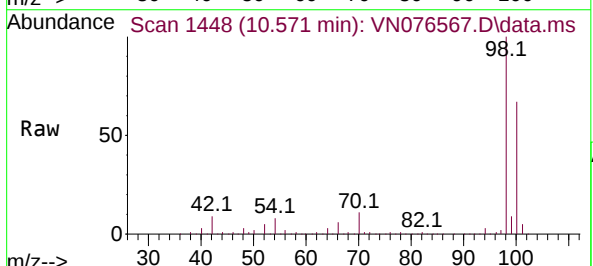
Acq: 08 Feb 2023 09:48

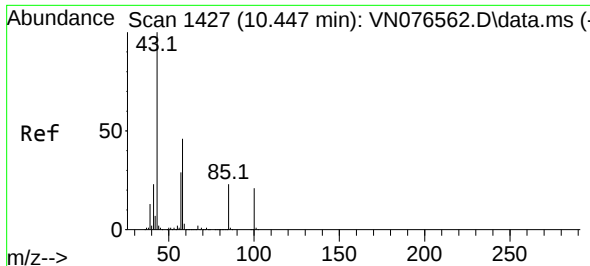
Tgt Ion: 98 Resp: 1274179

Ion Ratio Lower Upper

98 100

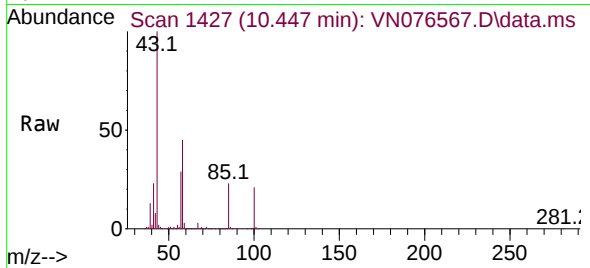
100 66.0 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 235.849 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

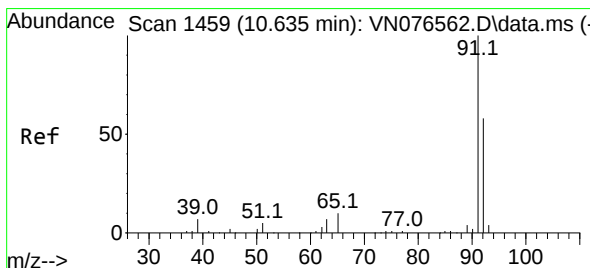
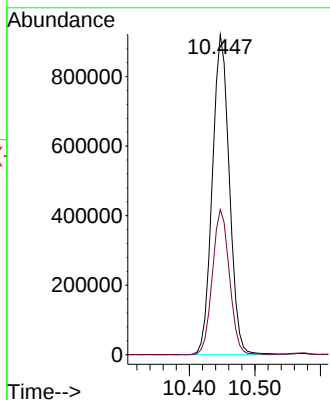
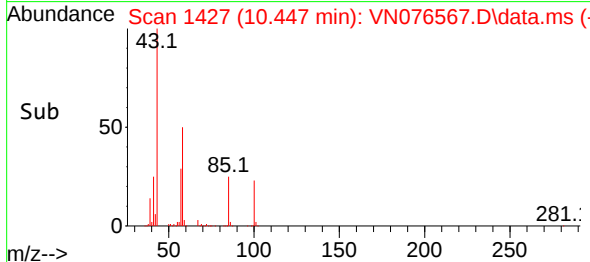
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



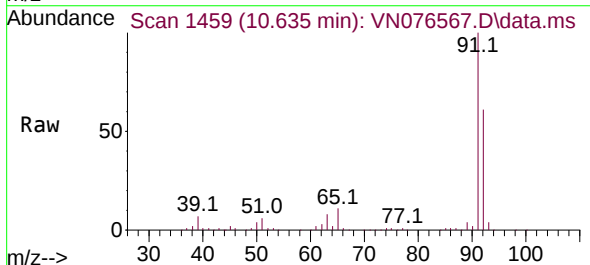
Tgt Ion: 43 Resp: 165833
Ion Ratio Lower Upper
43 100
58 45.4 36.4 54.6

Manual Integrations
APPROVED

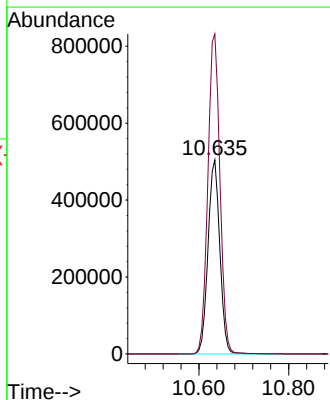
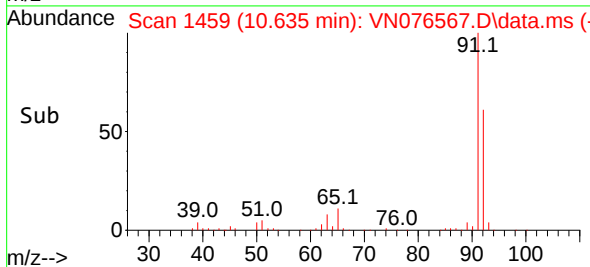
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023

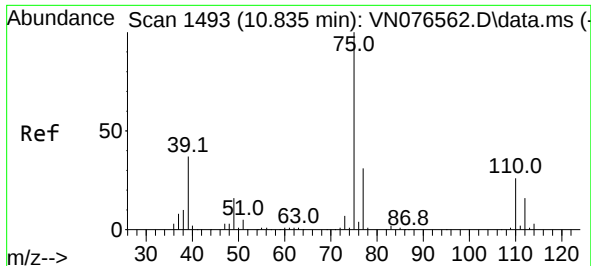


#52
Toluene
Concen: 50.039 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48



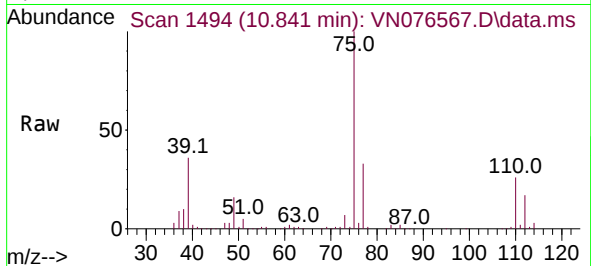
Tgt Ion: 92 Resp: 918649
Ion Ratio Lower Upper
92 100
91 169.2 136.3 204.5





#53
t-1,3-Dichloropropene
Concen: 52.799 ug/l
RT: 10.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

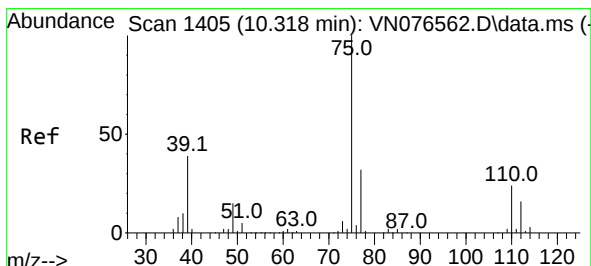
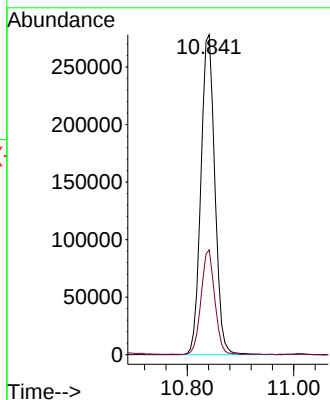
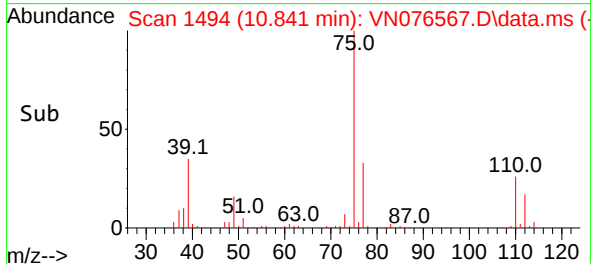
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 50561
Ion Ratio Lower Upper
75 100
77 32.6 24.5 36.7

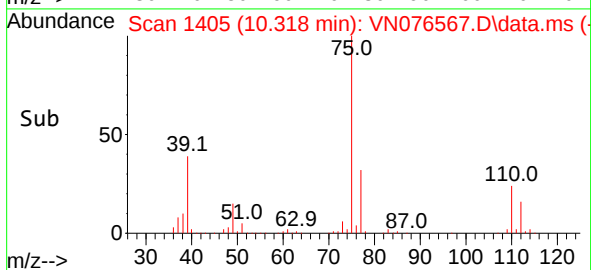
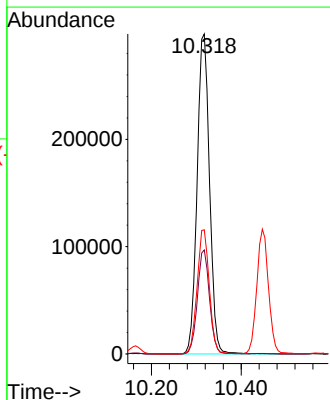
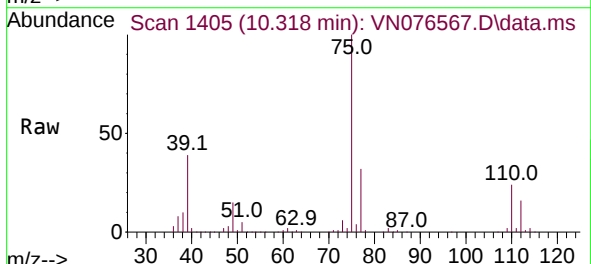
Manual Integrations
APPROVED

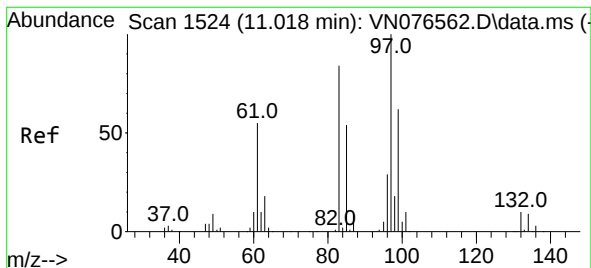
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#54
cis-1,3-Dichloropropene
Concen: 52.373 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

Tgt Ion: 75 Resp: 571933
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0
39 38.8 31.1 46.7





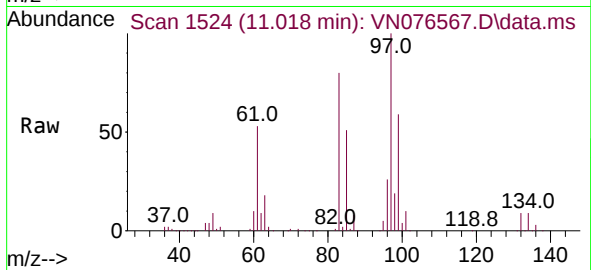
#55
1,1,2-Trichloroethane
Concen: 47.713 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



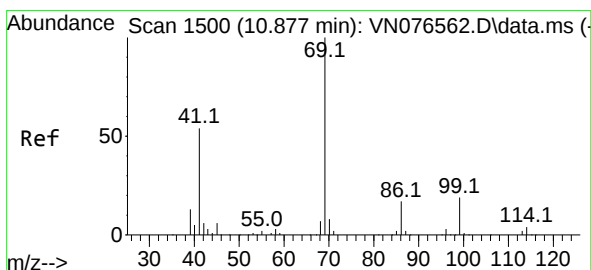
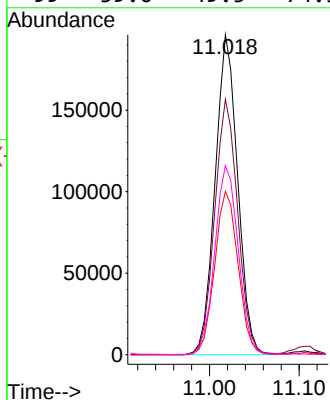
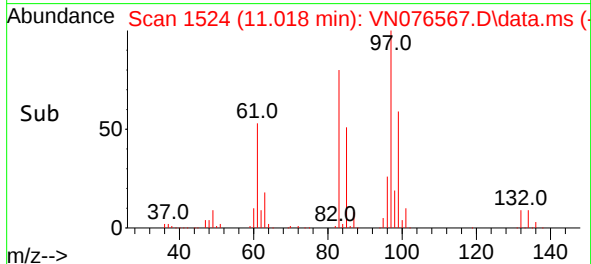
Tgt Ion: 97 Resp: 343072
Ion Ratio Lower Upper
97 100
83 79.8 67.5 101.3
85 51.0 43.0 64.6
99 59.0 49.5 74.3

Manual Integrations

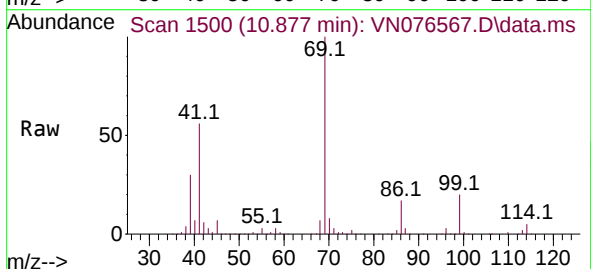
APPROVED

Reviewed By :John Carlone 02/09/2023

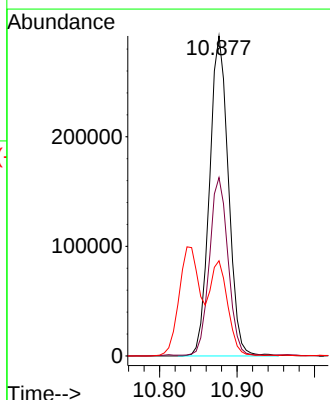
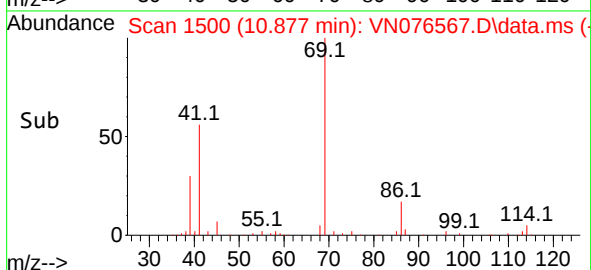
Supervised By :Semsettin Yesilyurt 02/09/2023

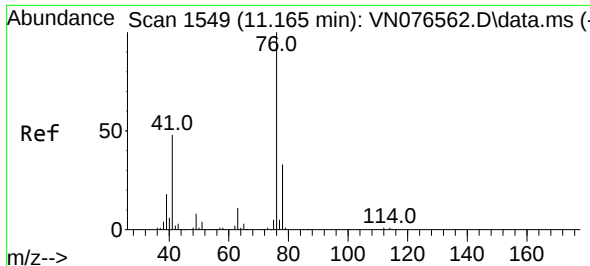


#56
Ethyl methacrylate
Concen: 51.337 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48



Tgt Ion: 69 Resp: 494037
Ion Ratio Lower Upper
69 100
41 54.4 43.5 65.3
39 27.3 21.3 31.9





#57

1,3-Dichloropropane

Concen: 48.795 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN076567.D

Acq: 08 Feb 2023 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 56791

Ion Ratio Lower Upper

76 100

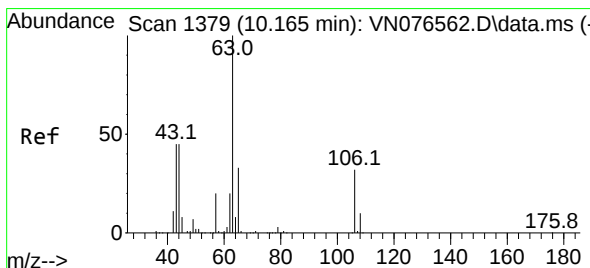
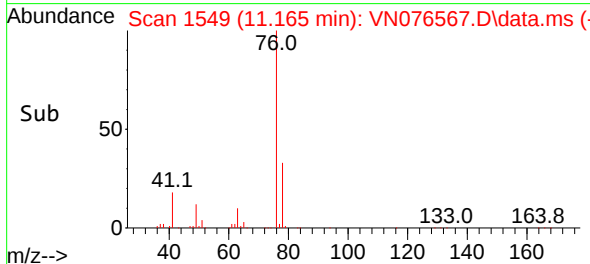
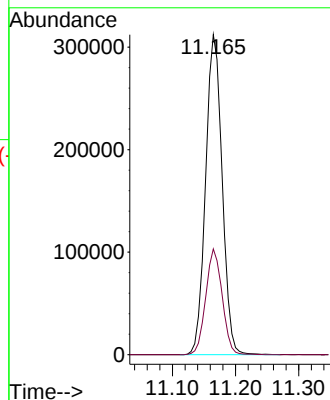
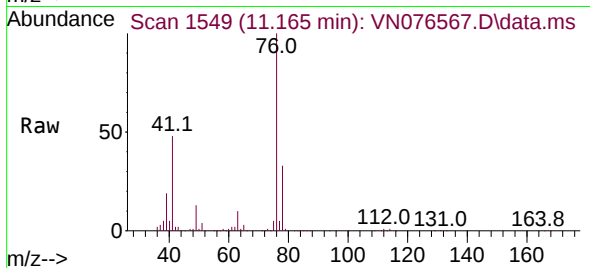
78 32.8 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/09/2023



#58

2-Chloroethyl Vinyl ether

Concen: 267.894 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076567.D

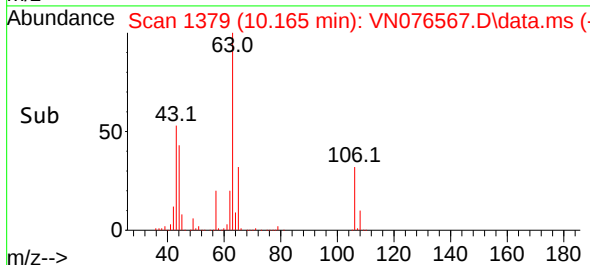
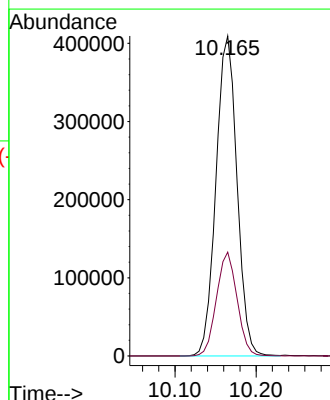
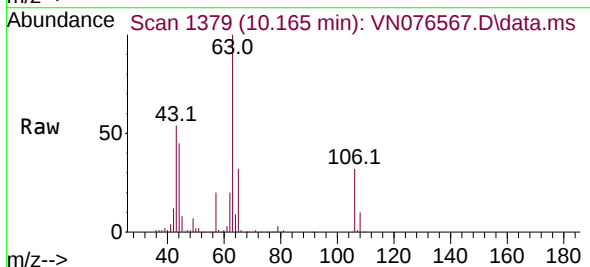
Acq: 08 Feb 2023 09:48

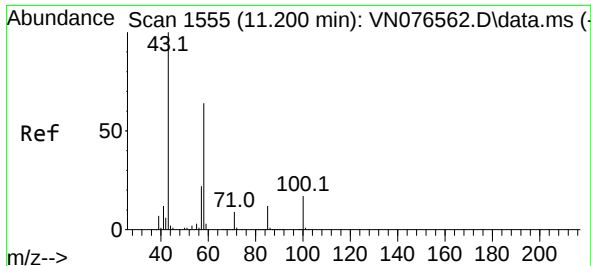
Tgt Ion: 63 Resp: 736735

Ion Ratio Lower Upper

63 100

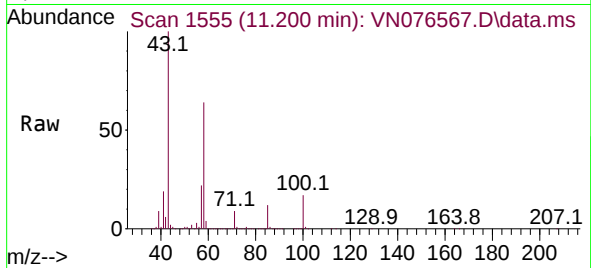
106 31.8 25.6 38.4





#59
2-Hexanone
Concen: 244.629 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

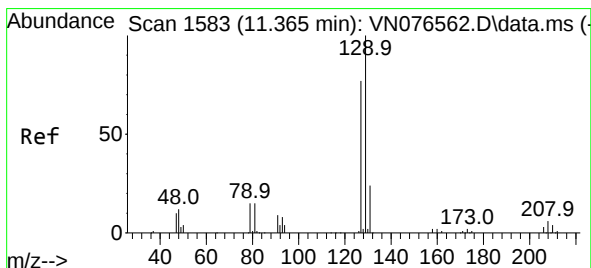
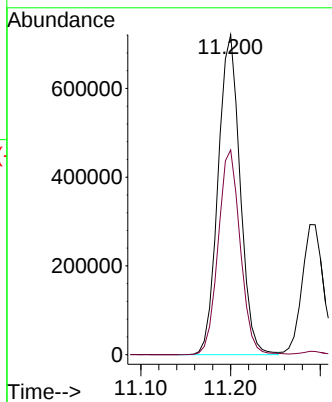
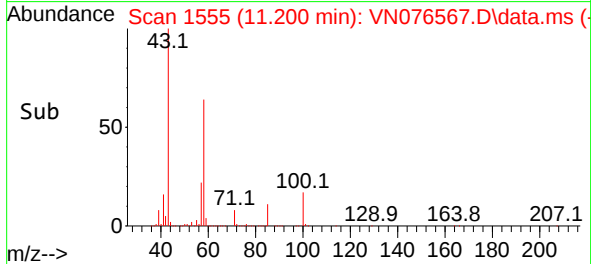
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



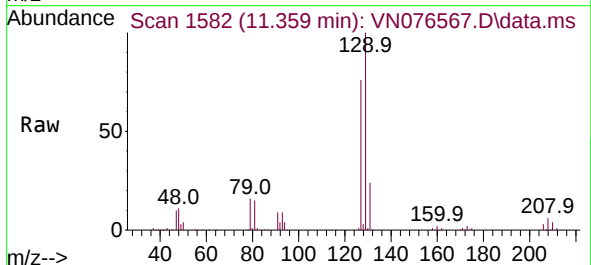
Tgt Ion: 43 Resp: 122627
Ion Ratio Lower Upper
43 100
58 64.1 31.8 95.4

Manual Integrations
APPROVED

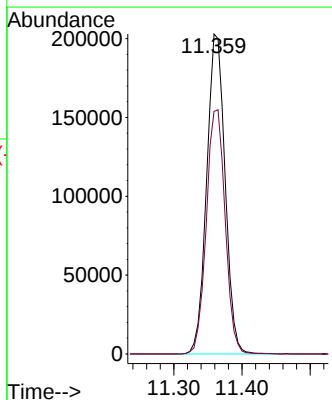
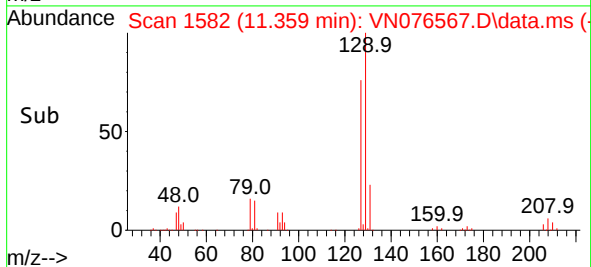
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023

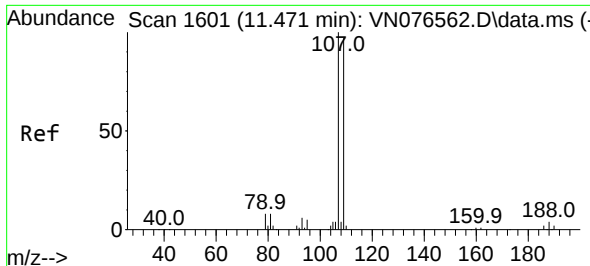


#60
Dibromochloromethane
Concen: 50.323 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.006 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48



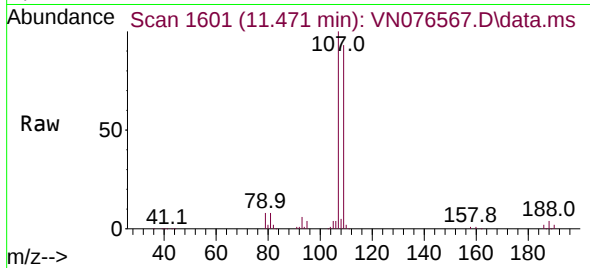
Tgt Ion:129 Resp: 381334
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.7





#61
1,2-Dibromoethane
Concen: 48.170 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

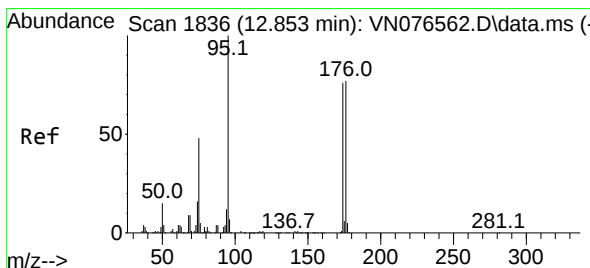
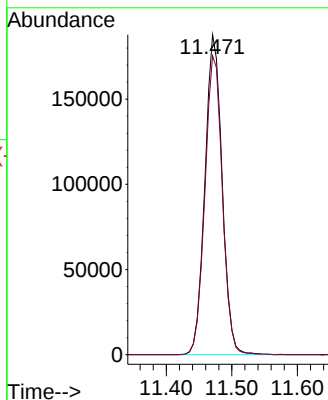
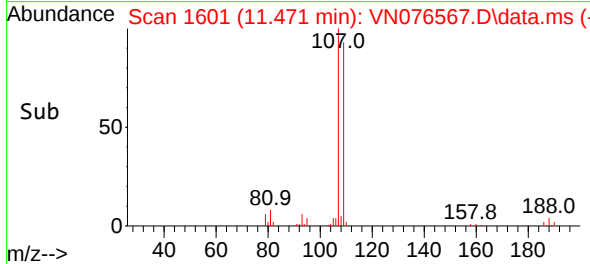
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



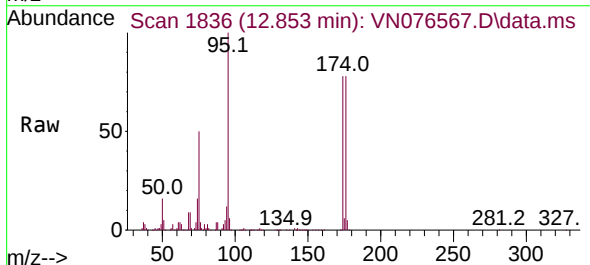
Tgt Ion:107 Resp: 34285
Ion Ratio Lower Upper
107 100
109 94.9 75.4 113.0

Manual Integrations
APPROVED

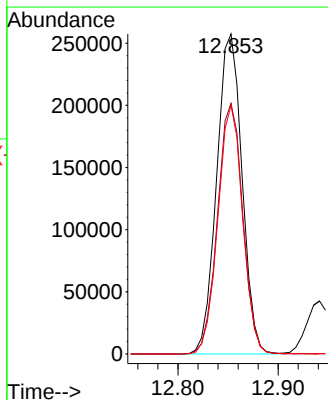
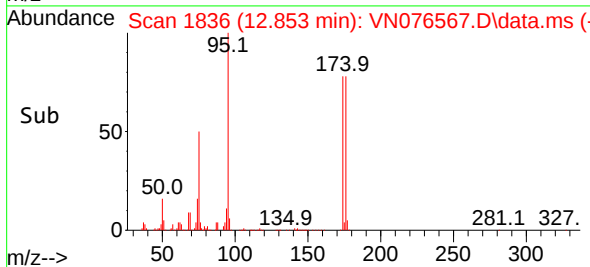
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023

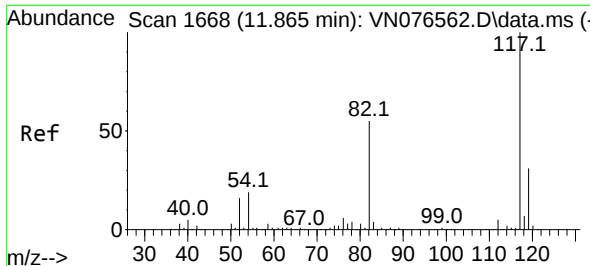


#62
4-Bromofluorobenzene
Concen: 51.787 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48



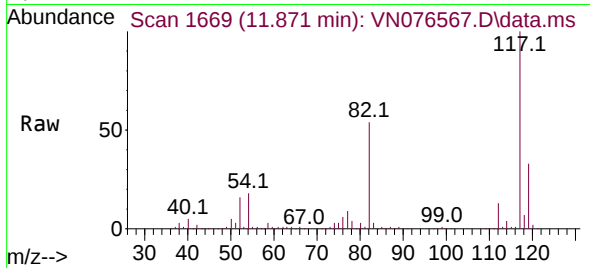
Tgt Ion: 95 Resp: 451126
Ion Ratio Lower Upper
95 100
174 78.0 0.0 154.0
176 75.7 0.0 152.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1668
Delta R.T. 0.006 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

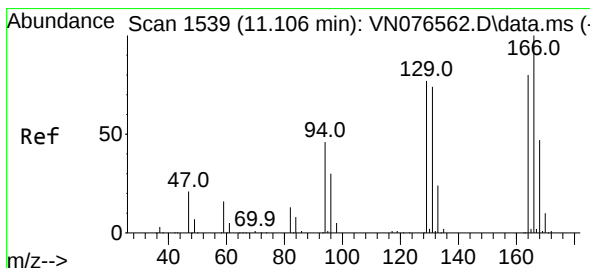
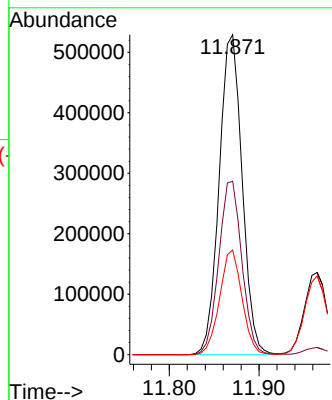
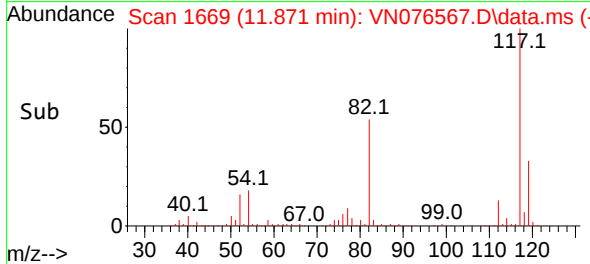
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 941360
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.4
119 32.7 25.1 37.7

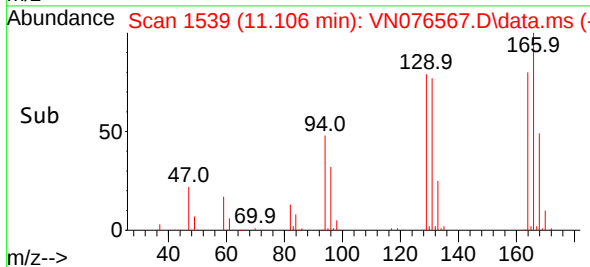
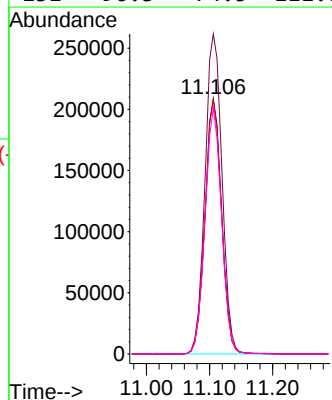
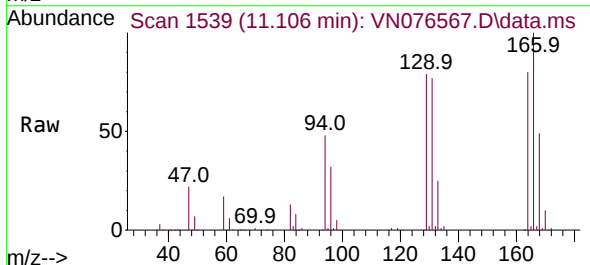
Manual Integrations
APPROVED

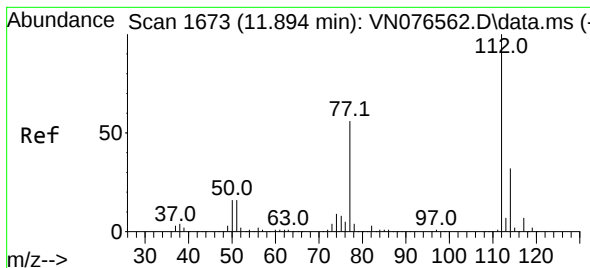
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#64
Tetrachloroethene
Concen: 48.899 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

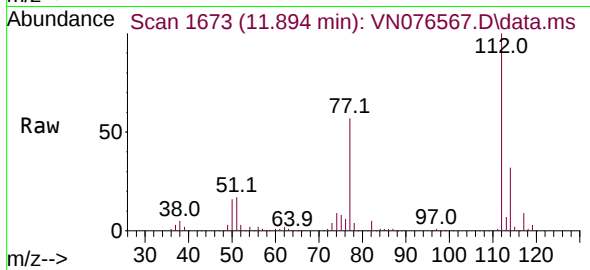
Tgt Ion:164 Resp: 383302
Ion Ratio Lower Upper
164 100
166 125.4 100.2 150.4
129 99.5 76.8 115.2
131 96.3 74.5 111.7





#65
Chlorobenzene
Concen: 48.512 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

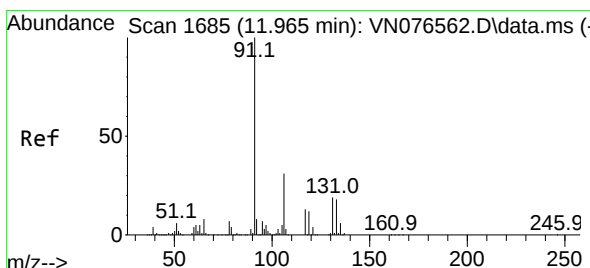
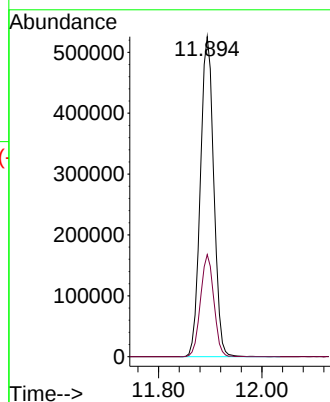
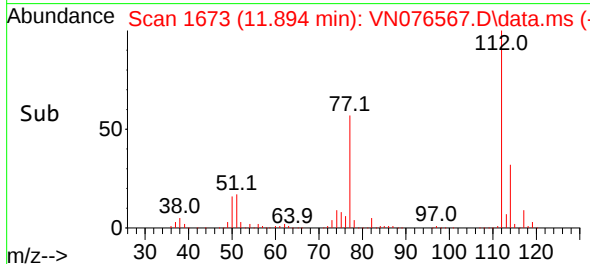
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



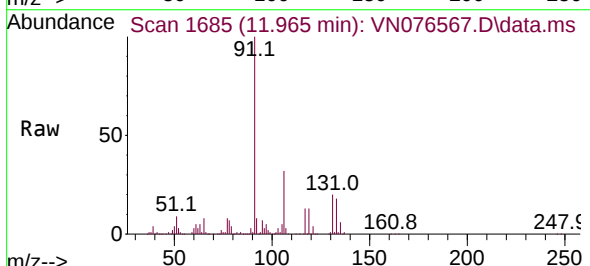
Tgt Ion:112 Resp: 944398
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9

Manual Integrations
APPROVED

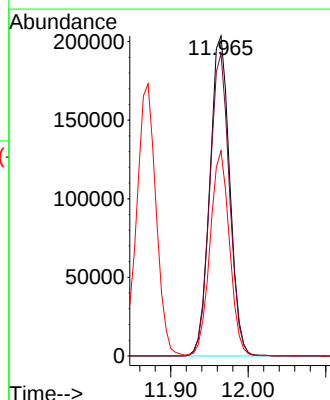
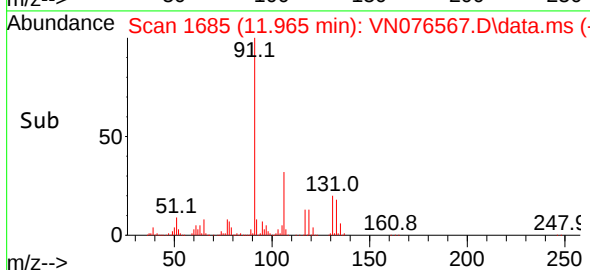
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023

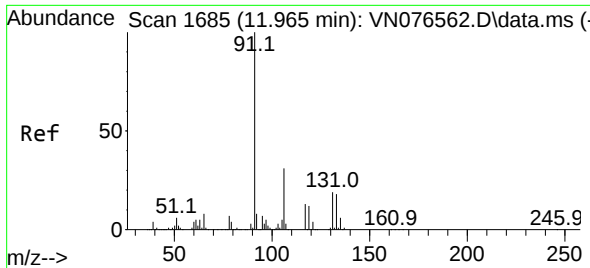


#66
1,1,1,2-Tetrachloroethane
Concen: 50.168 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48



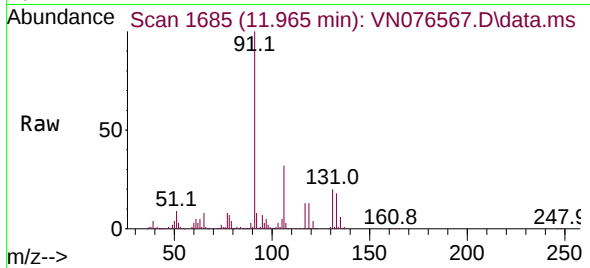
Tgt Ion:131 Resp: 361670
Ion Ratio Lower Upper
131 100
133 93.8 48.0 144.2
119 63.0 32.4 97.0





#67
Ethyl Benzene
Concen: 50.400 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

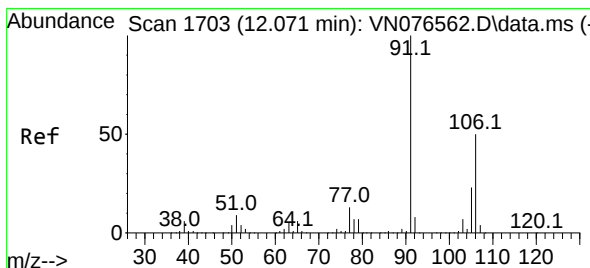
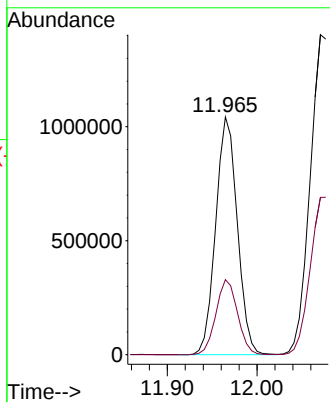
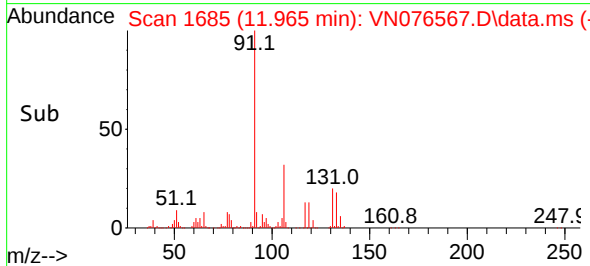
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



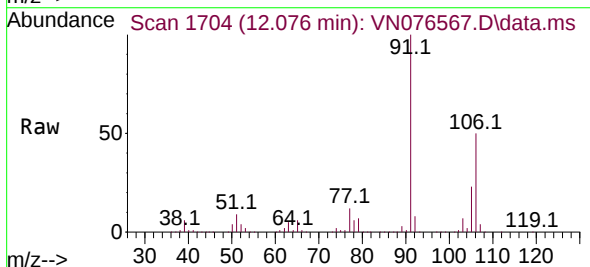
Tgt Ion: 91 Resp: 1743689
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

Manual Integrations
APPROVED

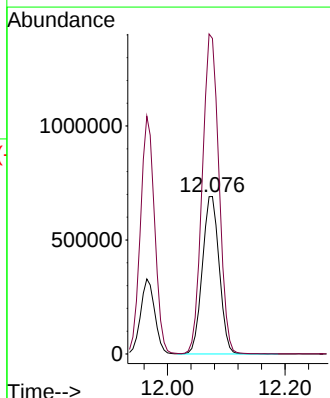
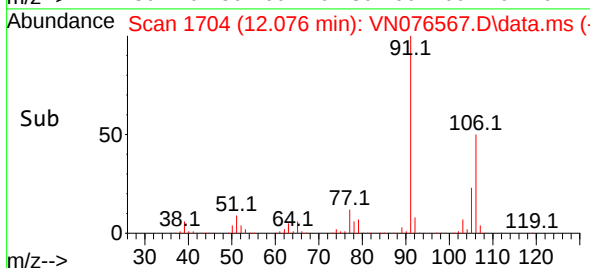
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023

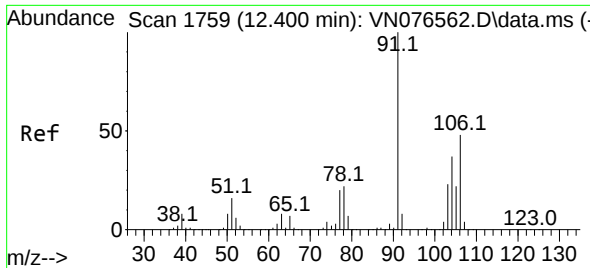


#68
m/p-Xylenes
Concen: 101.755 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.005 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48



Tgt Ion:106 Resp: 1371603
Ion Ratio Lower Upper
106 100
91 200.8 160.2 240.4





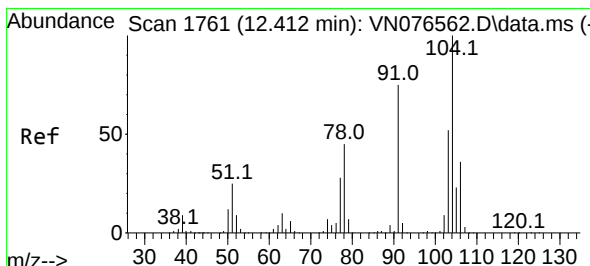
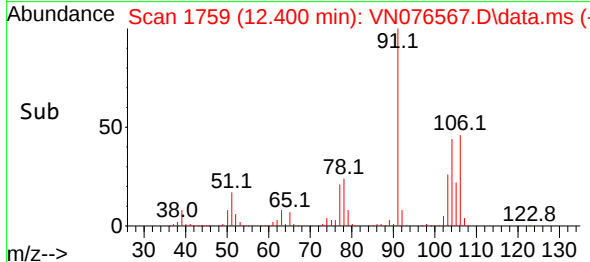
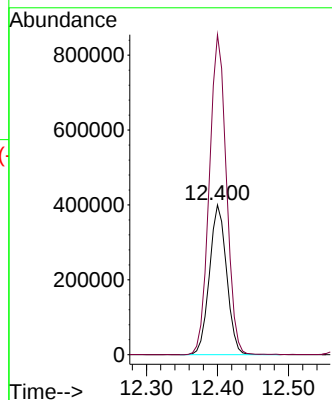
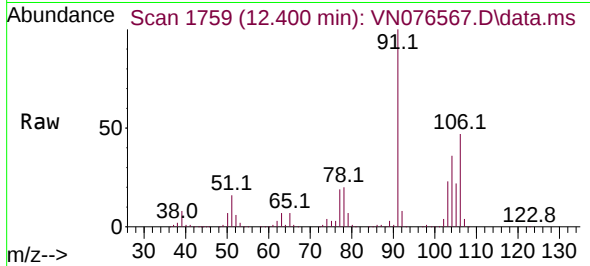
#69
o-Xylene
Concen: 50.796 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 670492
Ion Ratio Lower Upper
106 100
91 212.9 106.2 318.5

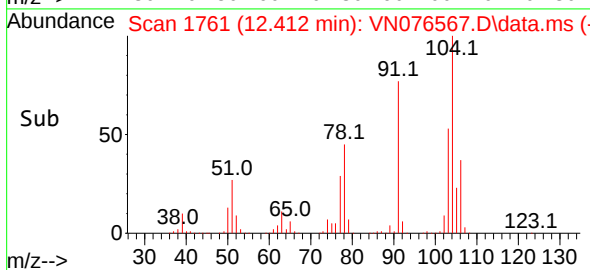
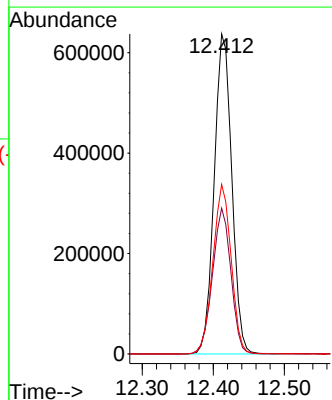
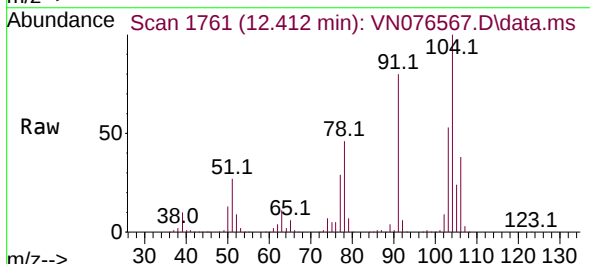
Manual Integrations
APPROVED

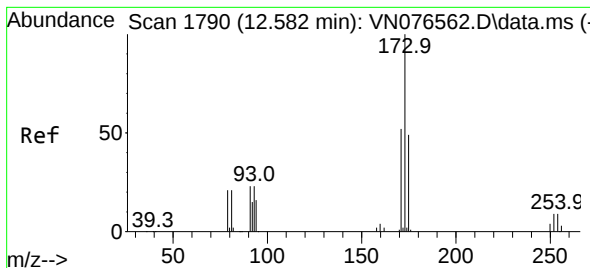
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#70
Styrene
Concen: 52.147 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

Tgt Ion:104 Resp: 1094761
Ion Ratio Lower Upper
104 100
78 47.8 38.2 57.4
103 55.0 43.7 65.5





#71

Bromoform

Concen: 50.946 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN076567.D

Acq: 08 Feb 2023 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 25636

Ion Ratio Lower Upper

173 100

175 48.4 24.8 74.3

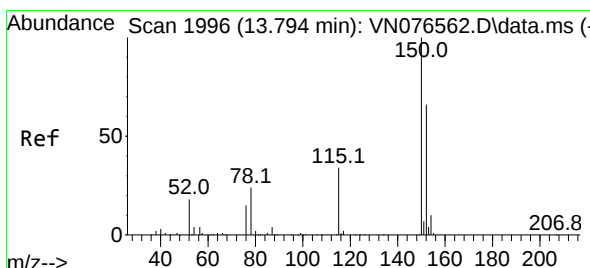
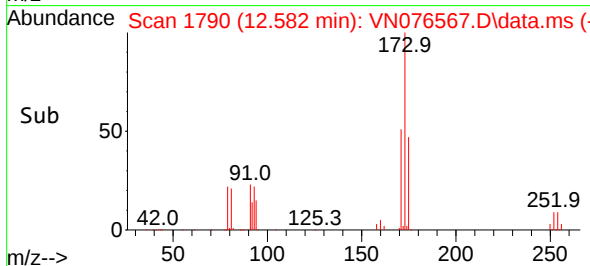
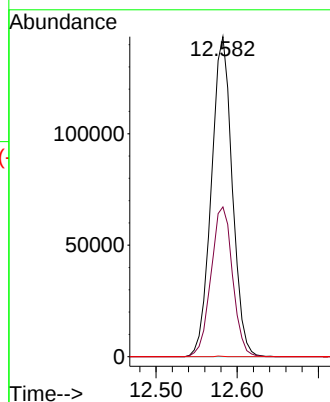
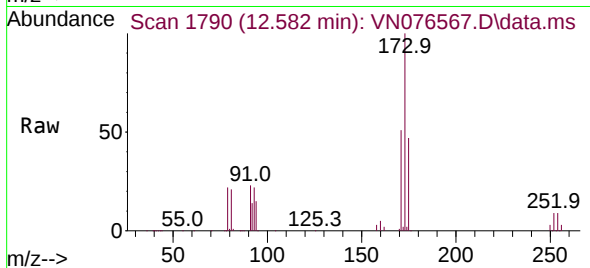
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/09/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN076567.D

Acq: 08 Feb 2023 09:48

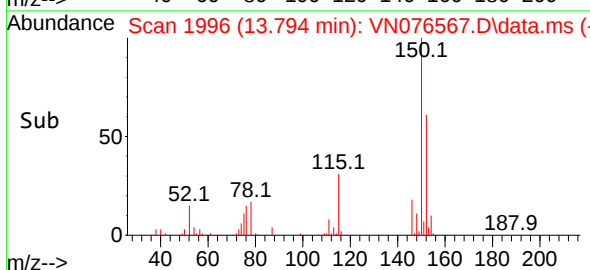
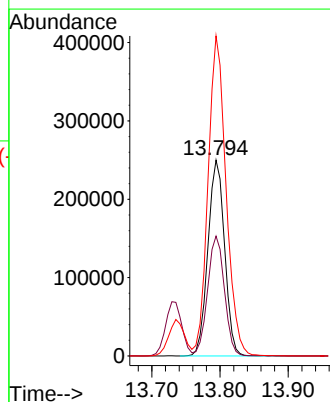
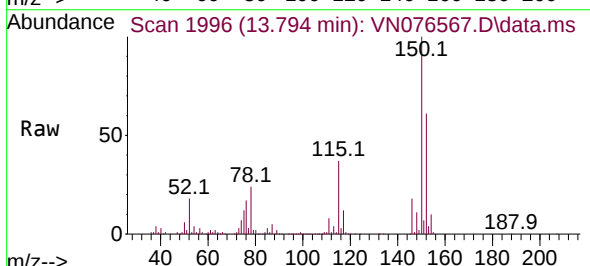
Tgt Ion:152 Resp: 425475

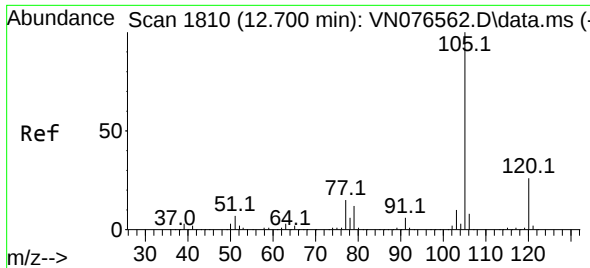
Ion Ratio Lower Upper

152 100

115 61.3 30.8 92.3

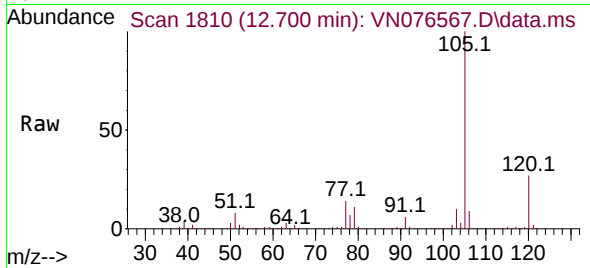
150 176.3 0.0 348.8





#73
Isopropylbenzene
Concen: 50.628 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

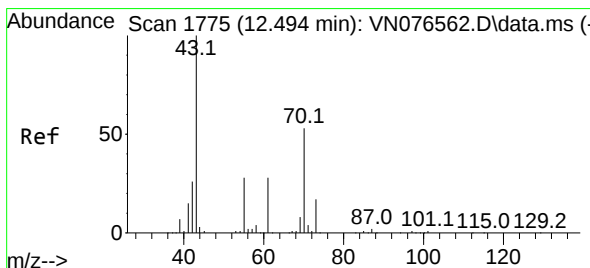
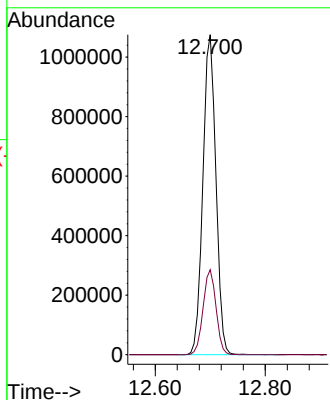
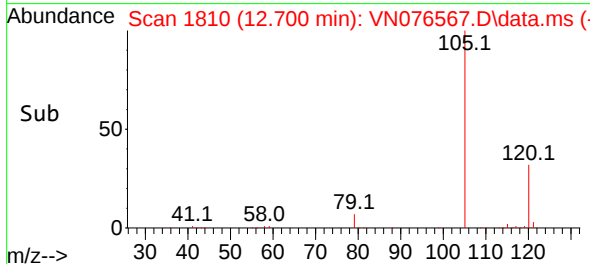
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



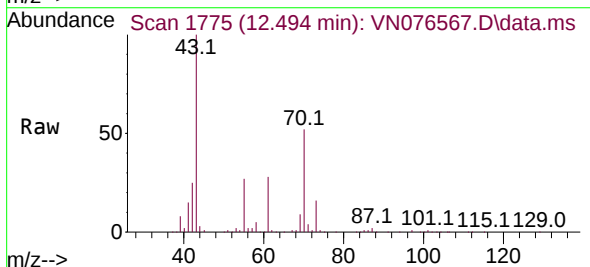
Tgt Ion:105 Resp: 1764160
Ion Ratio Lower Upper
105 100
120 26.4 13.0 39.0

Manual Integrations
APPROVED

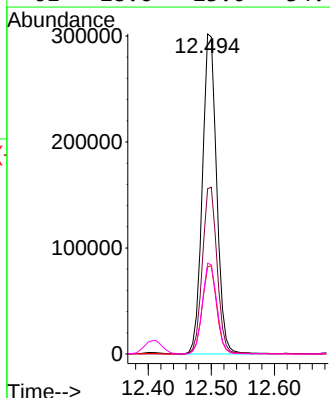
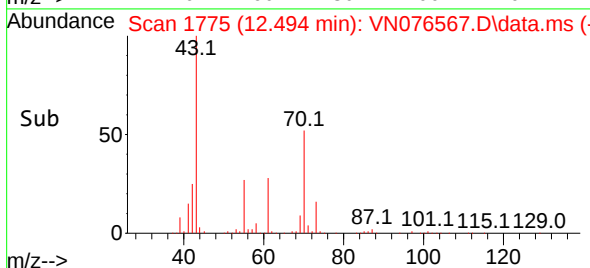
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023

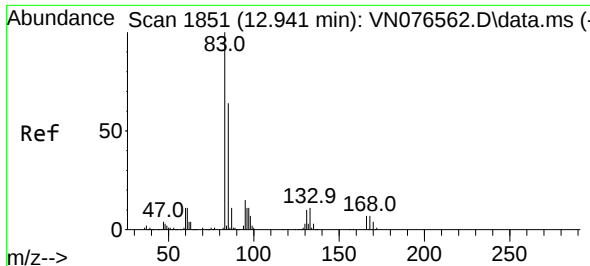


#74
N-ethyl acetate
Concen: 48.999 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48



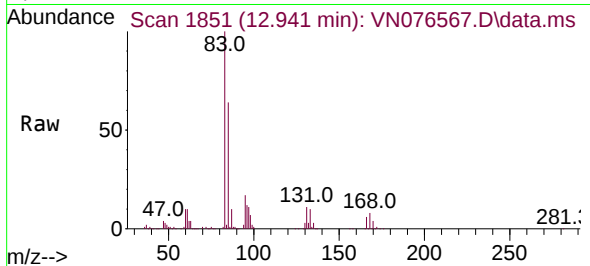
Tgt Ion: 43 Resp: 476142
Ion Ratio Lower Upper
43 100
70 53.2 43.1 64.7
55 27.8 22.4 33.6
61 28.6 23.0 34.4





#75
1,1,2,2-Tetrachloroethane
Concen: 45.553 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

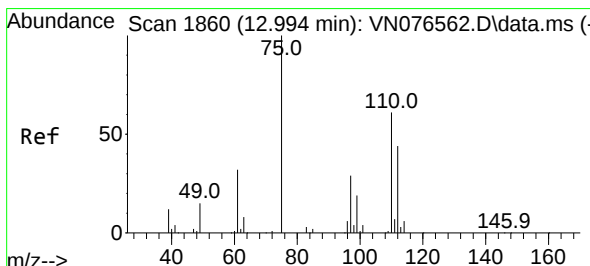
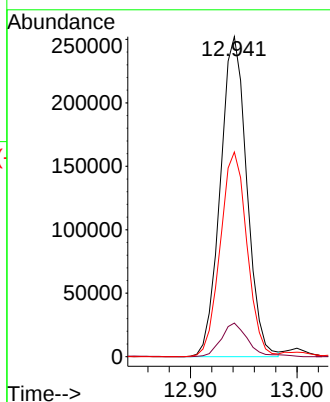
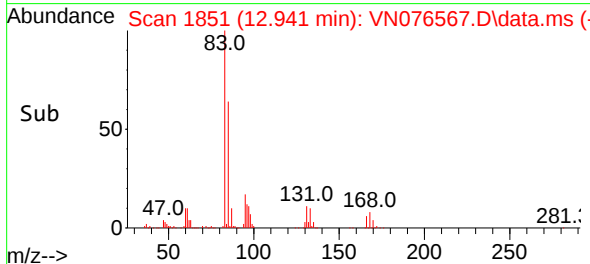
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



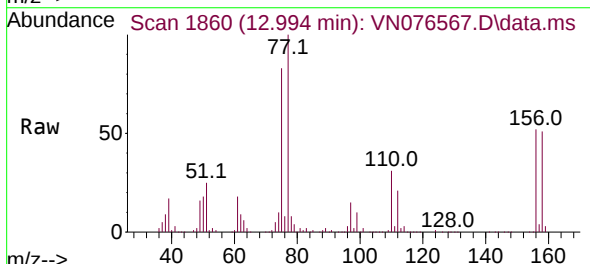
Tgt Ion: 83 Resp: 435070
Ion Ratio Lower Upper
83 100
131 10.6 5.3 16.1
85 64.7 32.4 97.0

Manual Integrations
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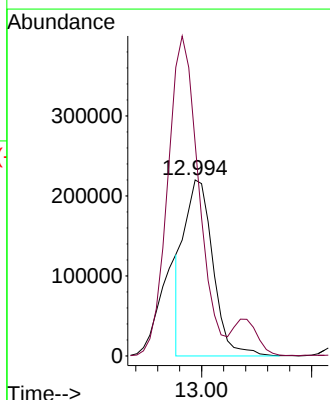
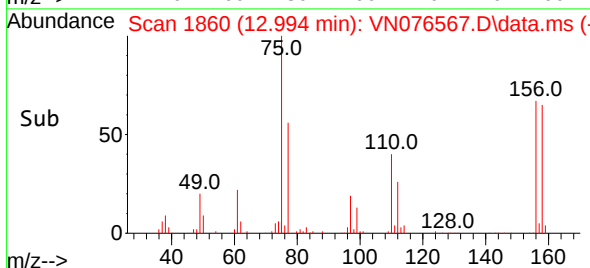
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023

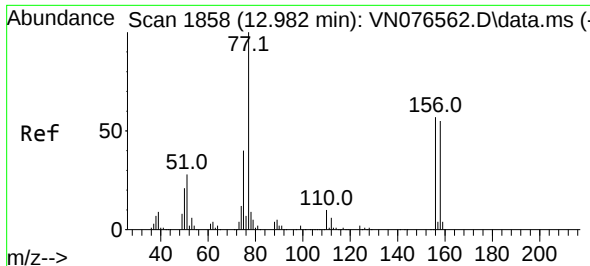


#76
1,2,3-Trichloropropane
Concen: 50.579 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48



Tgt Ion: 75 Resp: 401511
Ion Ratio Lower Upper
75 100
77 195.5 87.5 262.5





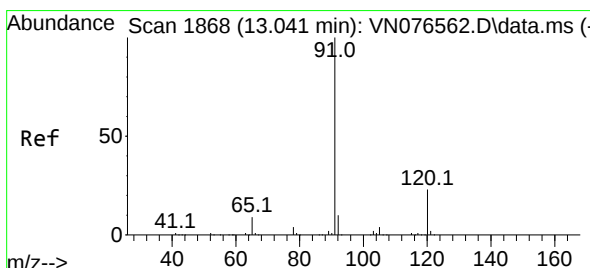
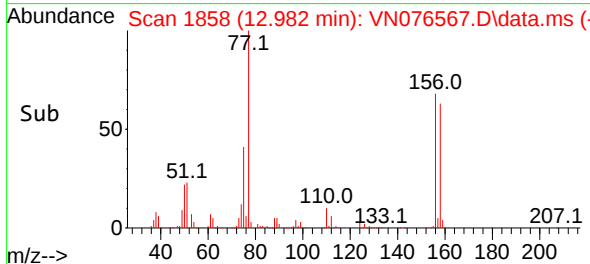
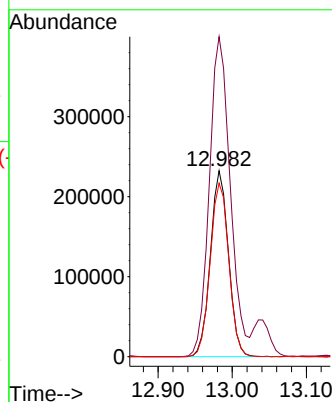
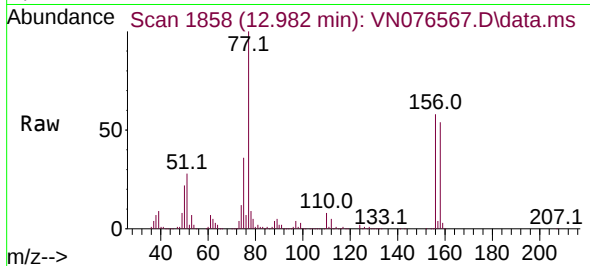
#77
Bromobenzene
Concen: 48.593 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 393854
Ion Ratio Lower Upper
156 100
77 199.3 101.6 304.9
158 96.0 48.9 146.7

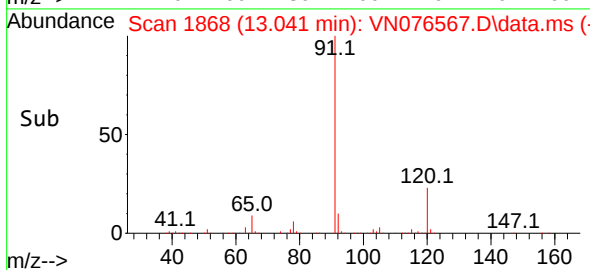
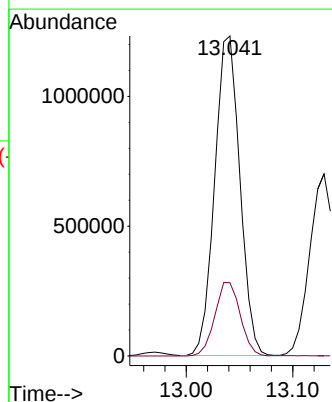
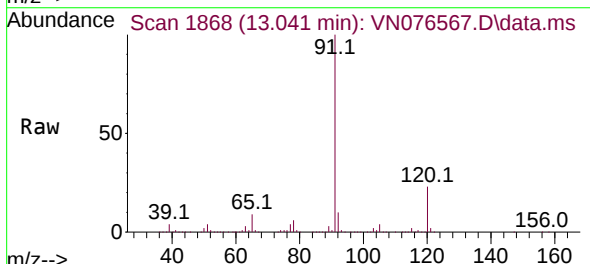
Manual Integrations
APPROVED

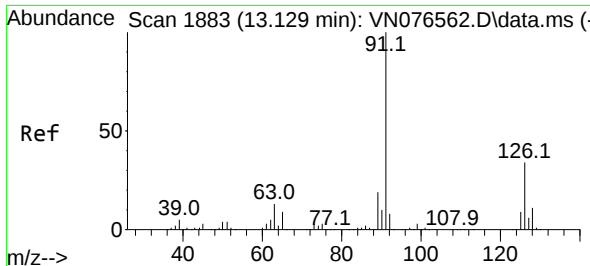
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#78
n-propylbenzene
Concen: 52.681 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

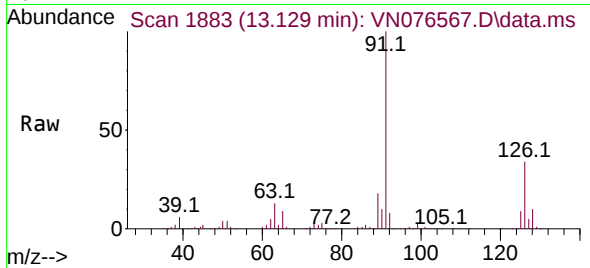
Tgt Ion: 91 Resp: 2021323
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8





#79
2-Chlorotoluene
Concen: 48.557 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

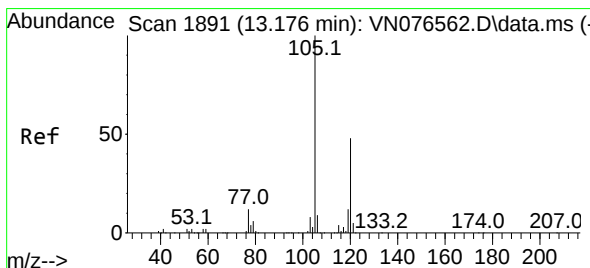
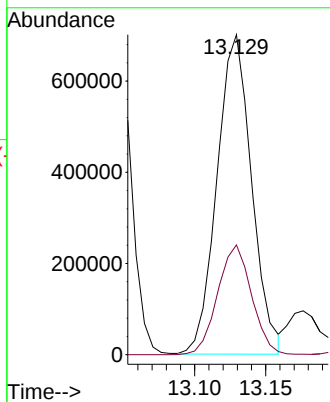
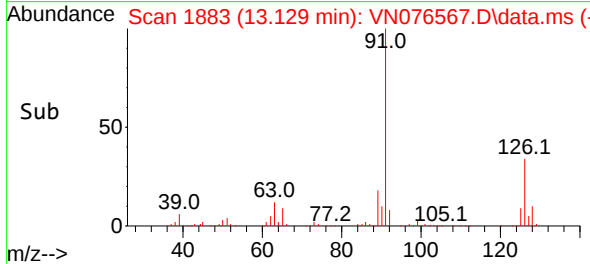
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



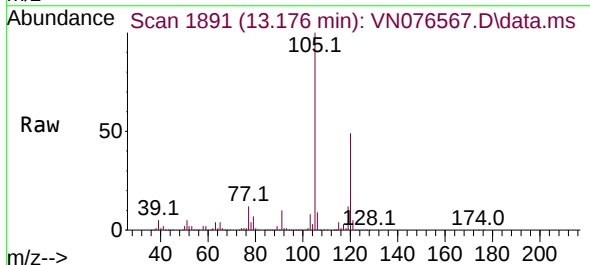
Tgt Ion: 91 Resp: 118679
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.3

Manual Integrations
APPROVED

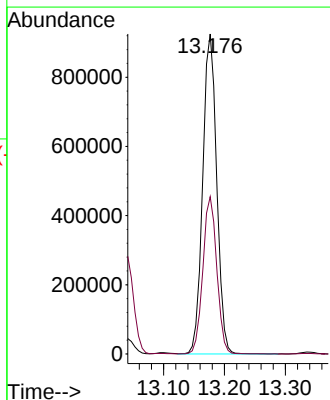
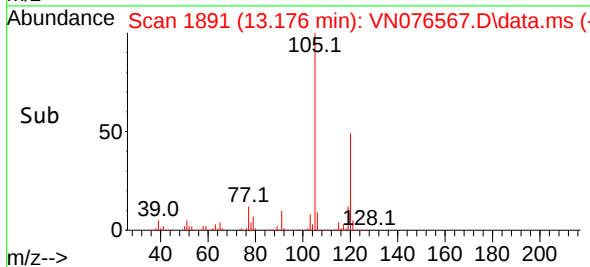
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023

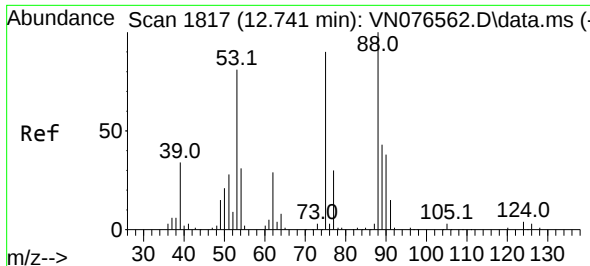


#80
1,3,5-Trimethylbenzene
Concen: 51.151 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48



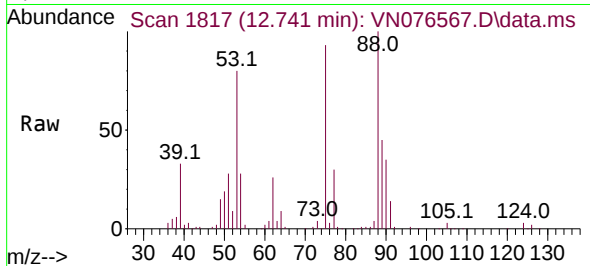
Tgt Ion:105 Resp: 1479270
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 53.410 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

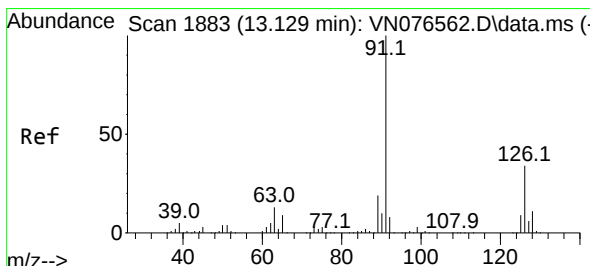
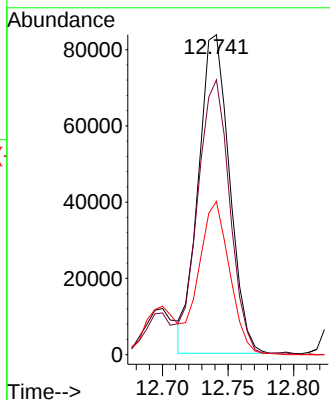
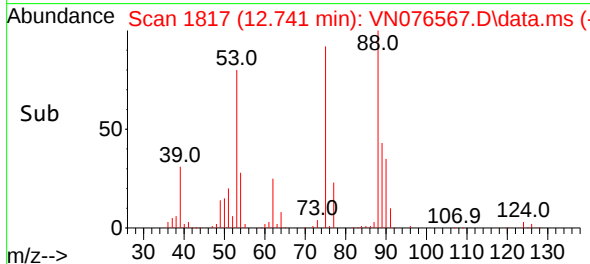
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



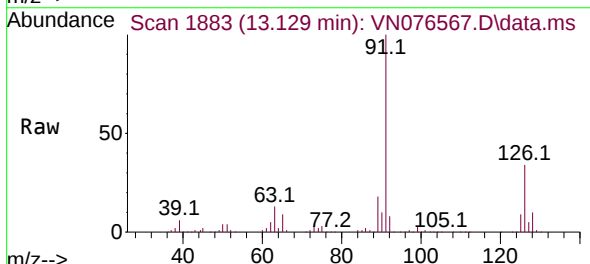
Tgt Ion: 75 Resp: 138078
Ion Ratio Lower Upper
75 100
53 90.9 77.1 115.7
89 48.3 41.5 62.3

Manual Integrations
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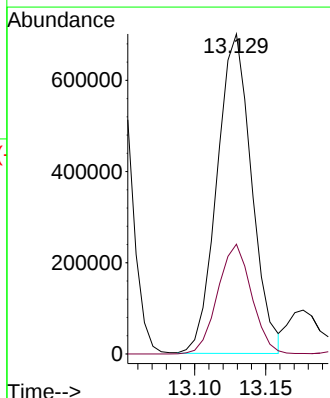
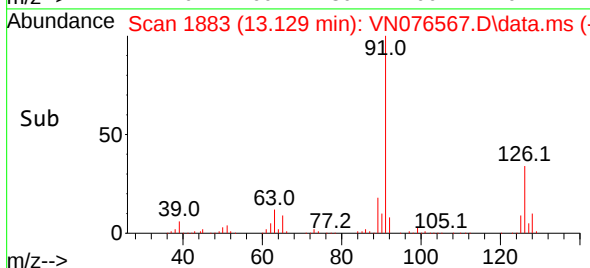
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023

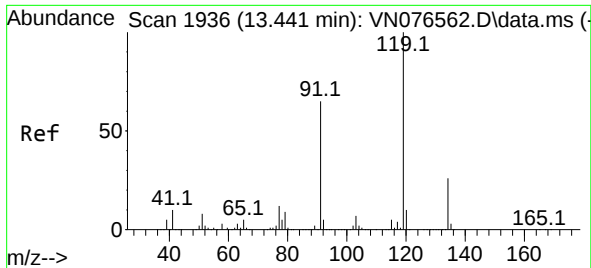


#82
4-Chlorotoluene
Concen: 48.557 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48



Tgt Ion: 91 Resp: 1186797
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.3





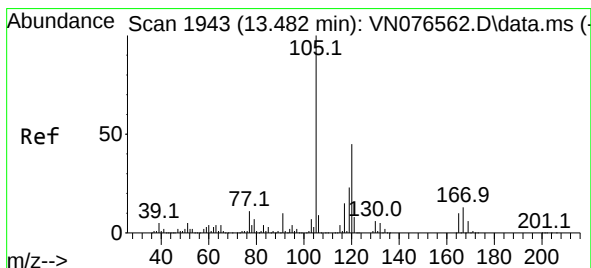
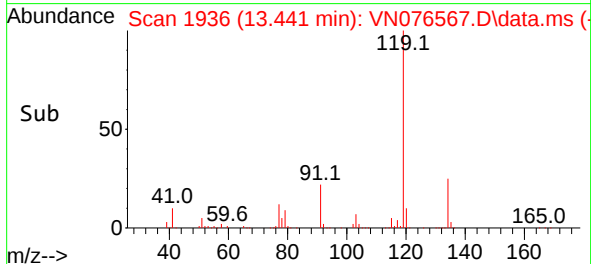
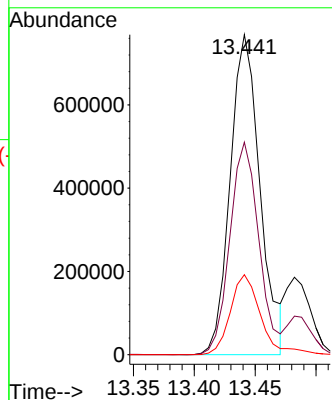
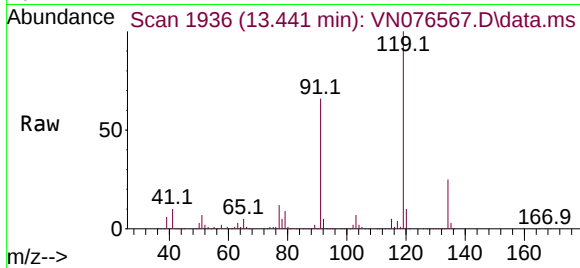
#83
tert-Butylbenzene
Concen: 50.647 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 131194
Ion Ratio Lower Upper
119 100
91 64.5 33.2 99.6
134 25.4 13.4 40.1

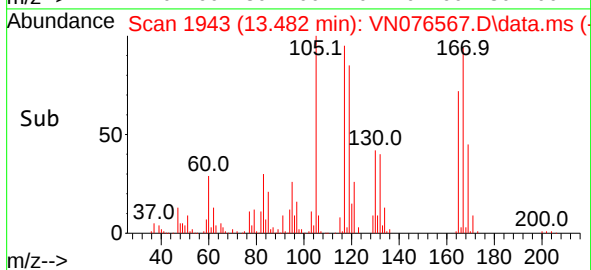
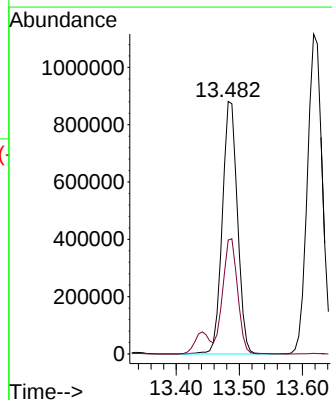
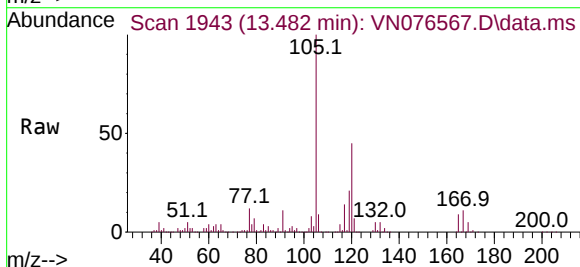
Manual Integrations
APPROVED

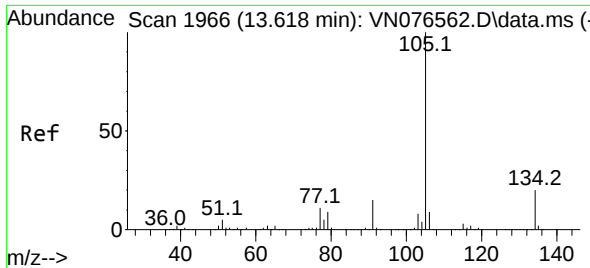
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#84
1,2,4-Trimethylbenzene
Concen: 51.002 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

Tgt Ion:105 Resp: 1467851
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.8





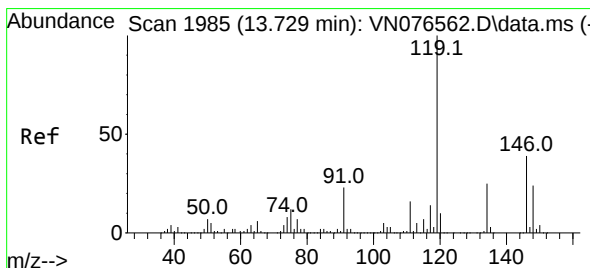
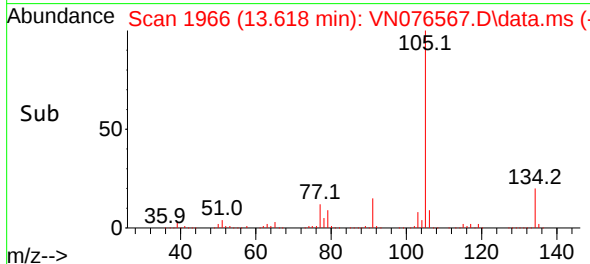
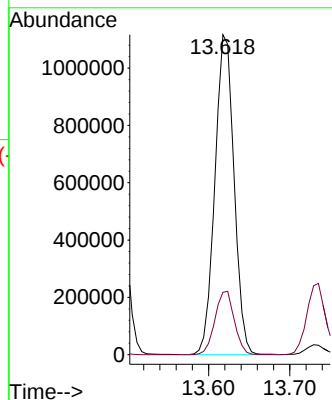
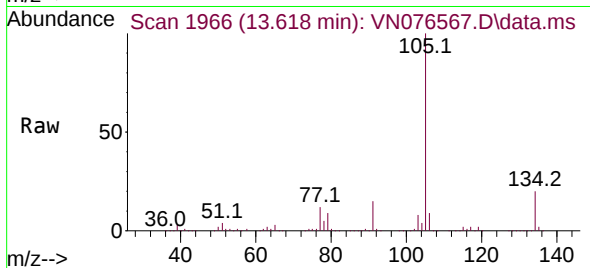
#85
 sec-Butylbenzene
 Concen: 52.414 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076567.D
 Acq: 08 Feb 2023 09:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 183086
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1

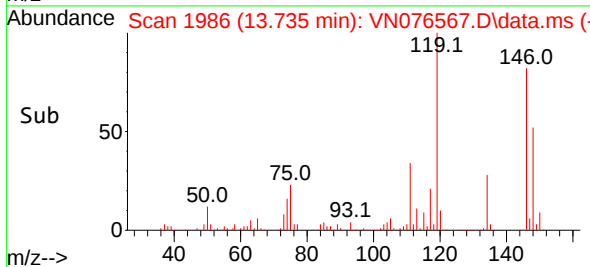
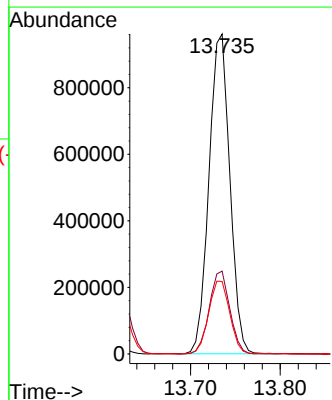
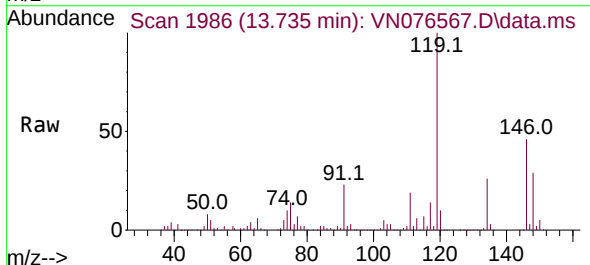
Manual Integrations
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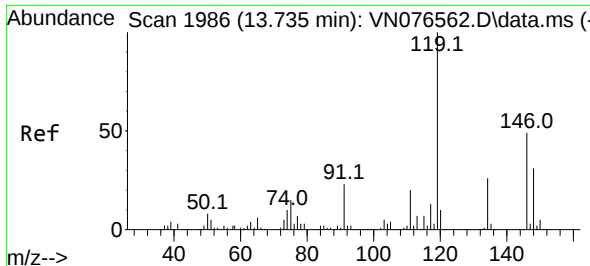
Reviewed By :John Carlone 02/09/2023
 Supervised By :Semsettin Yesilyurt 02/09/2023



#86
 p-Isopropyltoluene
 Concen: 54.172 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076567.D
 Acq: 08 Feb 2023 09:48

Tgt Ion:119 Resp: 1550716
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 23.1 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 49.221 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076567.D

Acq: 08 Feb 2023 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 73426

Ion Ratio Lower Upper

146 100

111 41.3 20.3 61.0

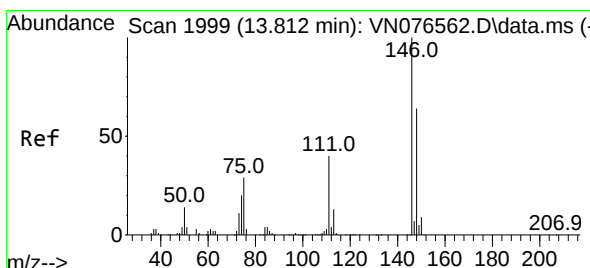
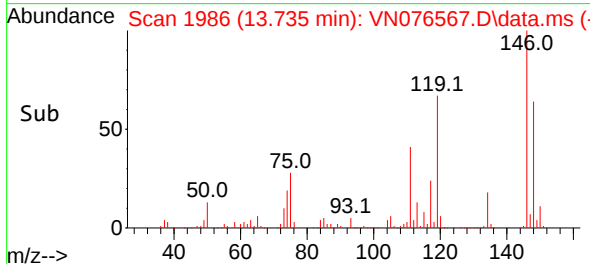
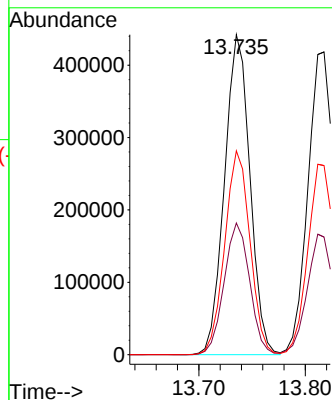
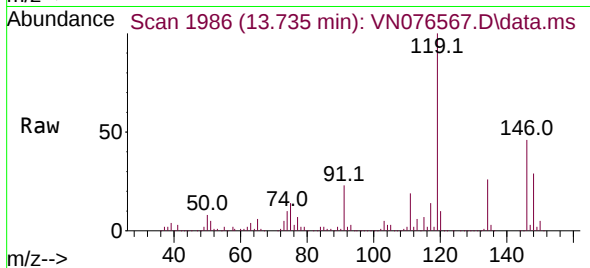
148 63.4 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/09/2023



#88

1,4-Dichlorobenzene

Concen: 47.701 ug/l

RT: 13.818 min Scan# 2000

Delta R.T. 0.006 min

Lab File: VN076567.D

Acq: 08 Feb 2023 09:48

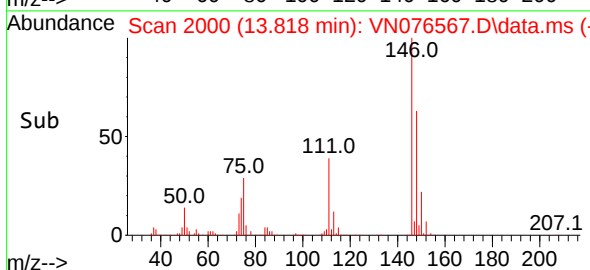
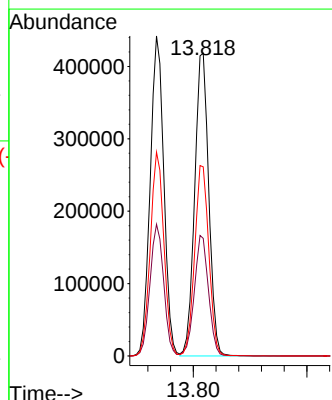
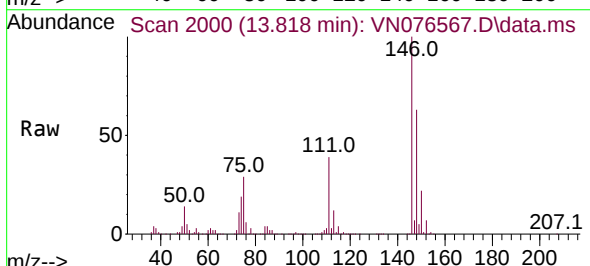
Tgt Ion:146 Resp: 722828

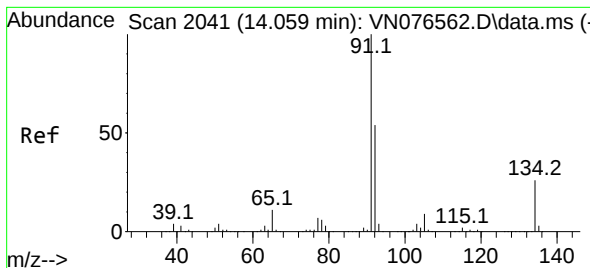
Ion Ratio Lower Upper

146 100

111 40.1 19.8 59.4

148 63.2 31.6 94.8





#89

n-Butylbenzene

Concen: 55.697 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN076567.D

Acq: 08 Feb 2023 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 126249

Ion Ratio Lower Upper

91 100

92 54.3 27.0 80.8

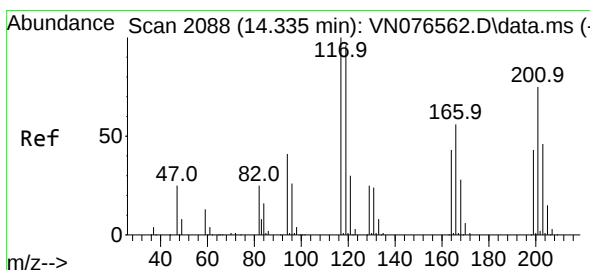
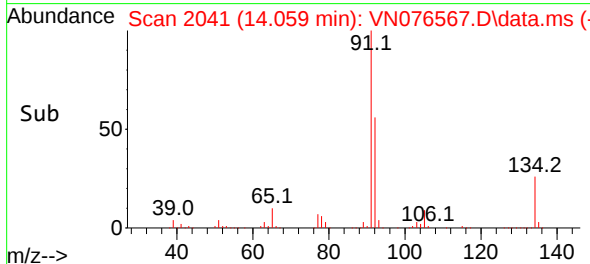
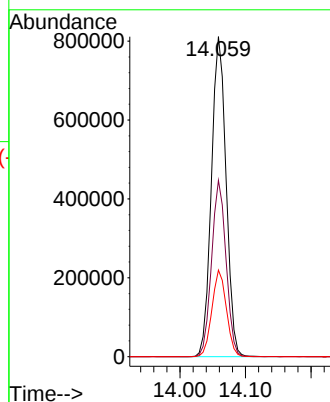
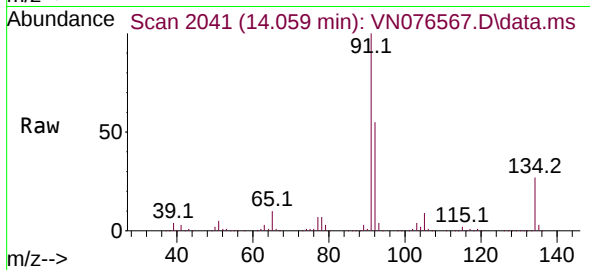
134 26.7 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/09/2023



#90

Hexachloroethane

Concen: 51.911 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN076567.D

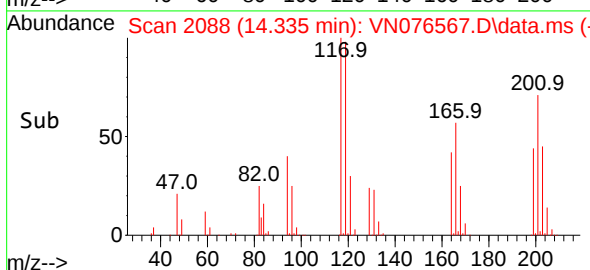
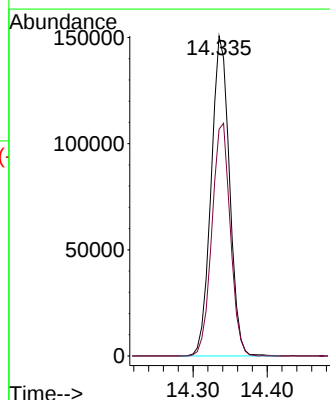
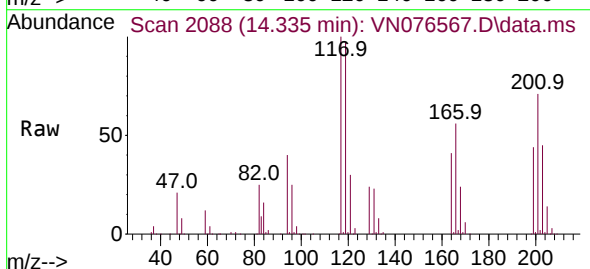
Acq: 08 Feb 2023 09:48

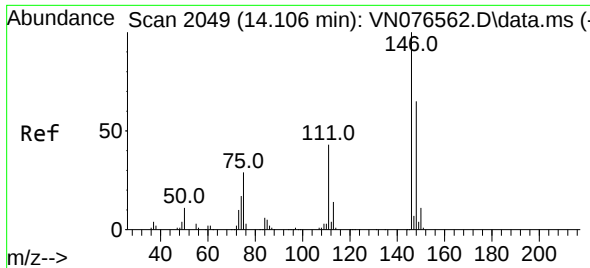
Tgt Ion:117 Resp: 258837

Ion Ratio Lower Upper

117 100

201 73.0 37.2 111.6





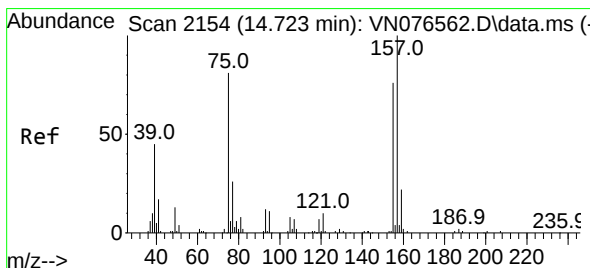
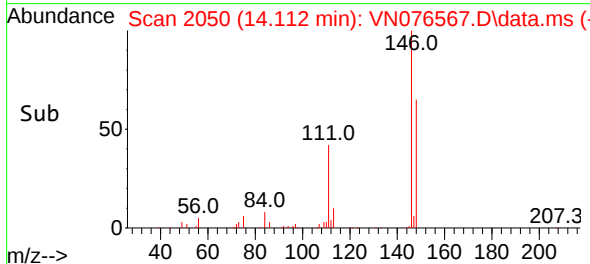
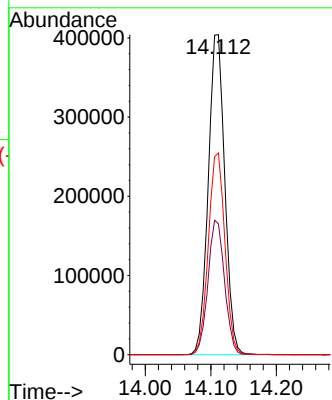
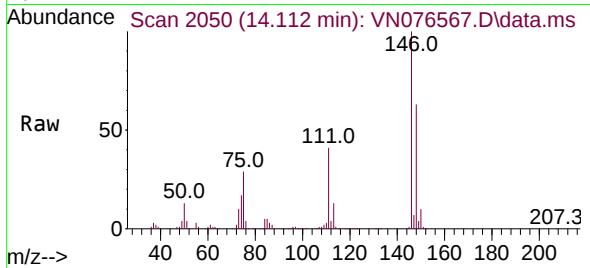
#91
1,2-Dichlorobenzene
Concen: 48.158 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 708280
Ion Ratio Lower Upper
146 100
111 42.3 21.4 64.3
148 63.3 31.9 95.9

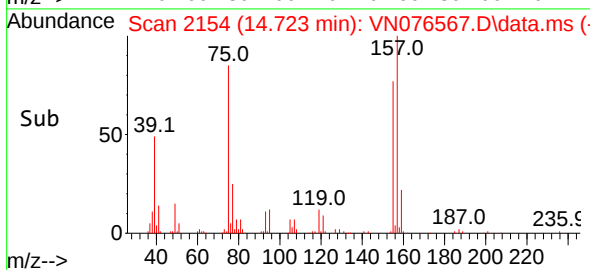
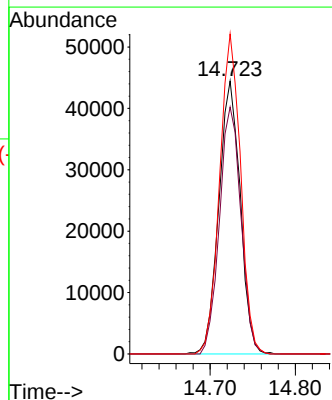
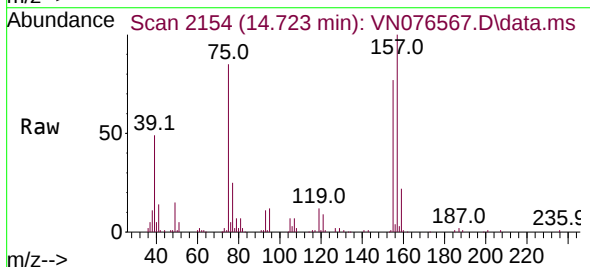
Manual Integrations
APPROVED

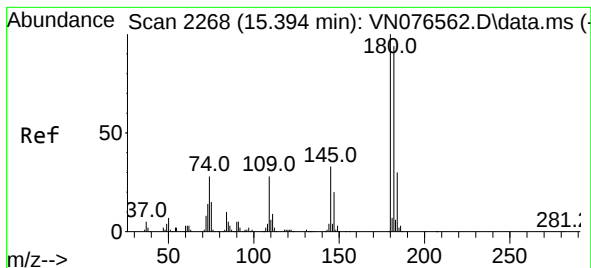
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/09/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.973 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076567.D
Acq: 08 Feb 2023 09:48

Tgt Ion: 75 Resp: 77646
Ion Ratio Lower Upper
75 100
155 90.6 44.8 134.4
157 114.1 58.4 175.1





#93

1,2,4-Trichlorobenzene

Concen: 54.738 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076567.D

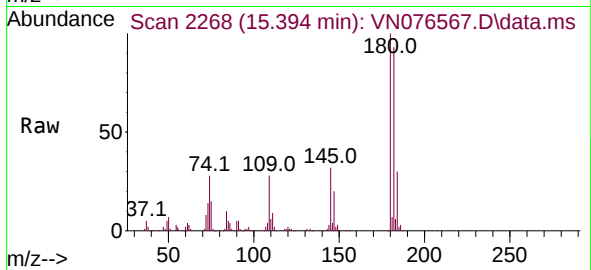
Acq: 08 Feb 2023 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 368892

Ion Ratio Lower Upper

180 100

182 93.9 47.4 142.2

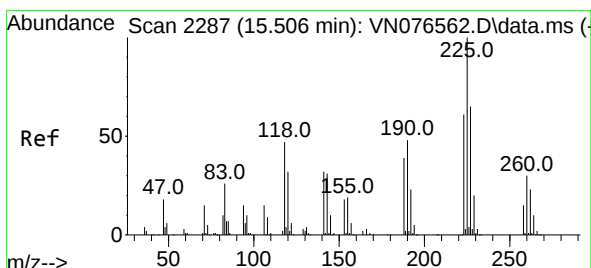
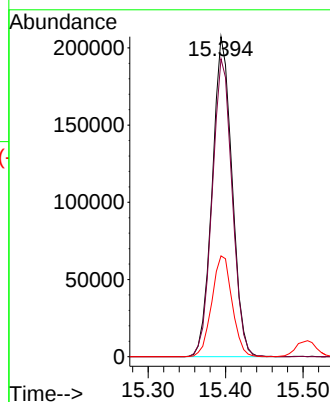
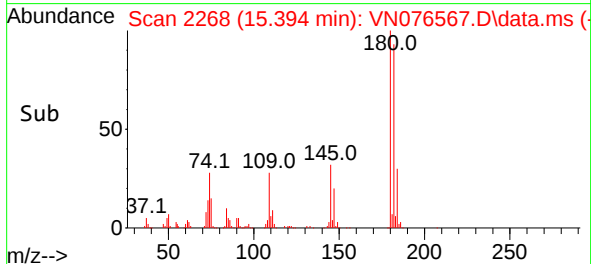
145 32.3 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/09/2023



#94

Hexachlorobutadiene

Concen: 51.181 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076567.D

Acq: 08 Feb 2023 09:48

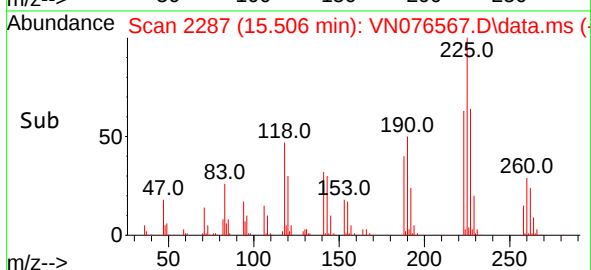
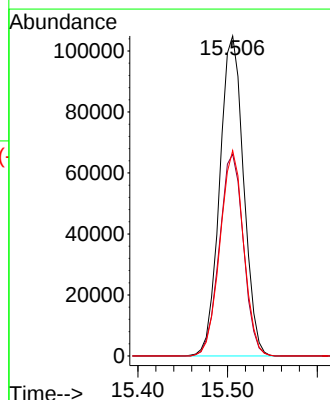
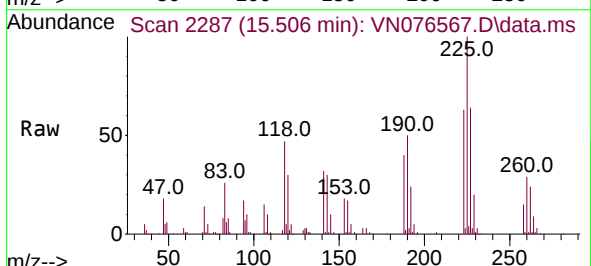
Tgt Ion:225 Resp: 193951

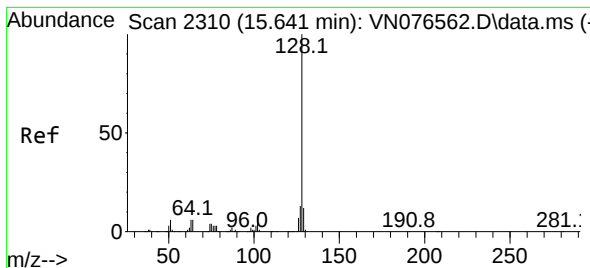
Ion Ratio Lower Upper

225 100

223 63.4 31.2 93.6

227 63.3 31.8 95.3





#95

Naphthalene

Concen: 52.266 ug/l

RT: 15.647 min Scan# 2311

Delta R.T. 0.006 min

Lab File: VN076567.D

Acq: 08 Feb 2023 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 102474

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

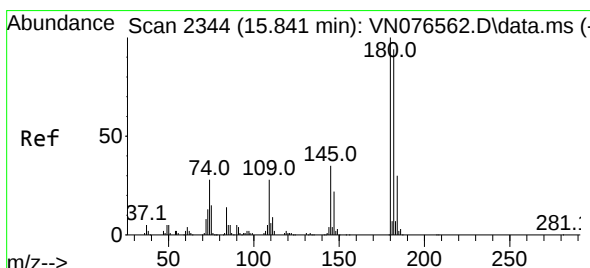
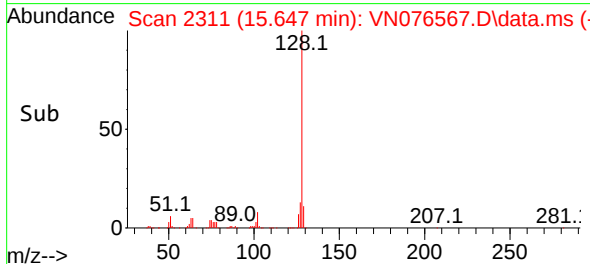
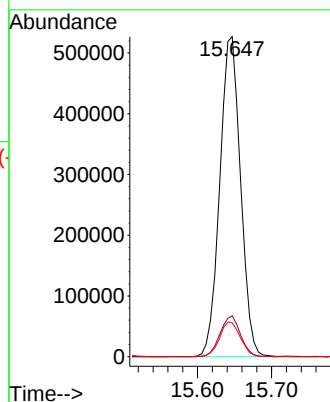
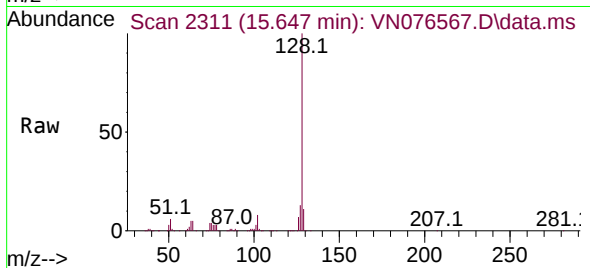
129 10.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/09/2023



#96

1,2,3-Trichlorobenzene

Concen: 54.034 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN076567.D

Acq: 08 Feb 2023 09:48

Tgt Ion:180 Resp: 348740

Ion Ratio Lower Upper

180 100

182 96.4 47.4 142.2

145 34.4 17.2 51.5

