

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020723\
 Data File : VN076561.D
 Acq On : 07 Feb 2023 12:55
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/08/2023
 Supervised By : Mahesh Dadoda 02/08/2023

Quant Time: Feb 08 08:59:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 08:54:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	584740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	992175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	889361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	401188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	127852	18.525	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	37.040%#		
35) Dibromofluoromethane	8.177	113	111926	18.147	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	36.300%#		
50) Toluene-d8	10.570	98	422813	18.222	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	36.440%#		
62) 4-Bromofluorobenzene	12.853	95	144744	17.707	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	35.420%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	129919	21.387	ug/l	99
3) Chloromethane	2.377	50	107841	19.316	ug/l	98
4) Vinyl Chloride	2.530	62	99436	19.397	ug/l	98
5) Bromomethane	2.971	94	75744	19.915	ug/l	98
6) Chloroethane	3.136	64	55076	17.762	ug/l	99
7) Trichlorofluoromethane	3.512	101	184867	18.296	ug/l	97
8) Diethyl Ether	3.977	74	72218	18.875	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.394	101	122061	19.500	ug/l	98
10) Methyl Iodide	4.606	142	180733	19.741	ug/l	99
11) Tert butyl alcohol	5.536	59	85644	95.271	ug/l	100
12) 1,1-Dichloroethene	4.359	96	113394	19.392	ug/l	92
13) Acrolein	4.194	56	111046	92.467	ug/l	100
14) Allyl chloride	5.041	41	157552	20.688	ug/l	93
15) Acrylonitrile	5.736	53	261888	97.082	ug/l	100
16) Acetone	4.447	43	214929	94.457	ug/l	96
17) Carbon Disulfide	4.730	76	295803	19.527	ug/l	98
18) Methyl Acetate	5.041	43	142330	19.770	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	379574	19.518	ug/l	97
20) Methylene Chloride	5.289	84	130449	18.597	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	121262	19.079	ug/l	99
22) Diisopropyl ether	6.688	45	338835	19.631	ug/l	98
23) Vinyl Acetate	6.618	43	1075559	99.277	ug/l	100
24) 1,1-Dichloroethane	6.583	63	215101	19.407	ug/l	99
25) 2-Butanone	7.494	43	321260	98.223	ug/l	99
26) 2,2-Dichloropropane	7.500	77	175945	19.017	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	140684	18.928	ug/l	98
28) Bromochloromethane	7.824	49	87570	19.719	ug/l	99
29) Tetrahydrofuran	7.847	42	208043	98.971	ug/l	99
30) Chloroform	7.971	83	235656	19.599	ug/l	95
31) Cyclohexane	8.265	56	207911	19.060	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	210040	19.495	ug/l	93
36) 1,1-Dichloropropene	8.377	75	168578	19.143	ug/l	99
37) Ethyl Acetate	7.571	43	126729	18.906	ug/l	97
38) Carbon Tetrachloride	8.371	117	183530	19.384	ug/l	96
39) Methylcyclohexane	9.606	83	217743	19.910	ug/l	99
40) Benzene	8.612	78	514435	19.272	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	74721	20.002	ug/l	96
42) 1,2-Dichloroethane	8.677	62	167772	19.304	ug/l	100
43) Isopropyl Acetate	8.694	43	217578	19.819	ug/l	99
44) Trichloroethene	9.359	130	137889	19.344	ug/l	97
45) 1,2-Dichloropropane	9.623	63	126169	19.679	ug/l	93
46) Dibromomethane	9.712	93	87350	18.887	ug/l	98
47) Bromodichloromethane	9.894	83	180732	19.433	ug/l	100
48) Methyl methacrylate	9.682	41	105720	19.581	ug/l	97
49) 1,4-Dioxane	9.700	88	45076	390.284	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	657463	99.646	ug/l	98
52) Toluene	10.635	92	331498	19.243	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	176283	19.617	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	198918	19.412	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	126815	18.795	ug/l	98
56) Ethyl methacrylate	10.876	69	181334	20.081	ug/l	99
57) 1,3-Dichloropropane	11.165	76	211481	19.364	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	250214	96.960	ug/l	98
59) 2-Hexanone	11.200	43	470204	99.962	ug/l	97
60) Dibromochloromethane	11.359	129	138897	19.534	ug/l	98
61) 1,2-Dibromoethane	11.470	107	129718	19.422	ug/l	100
64) Tetrachloroethene	11.106	164	143492	19.376	ug/l	96
65) Chlorobenzene	11.894	112	346291	18.828	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	131475	19.304	ug/l	99
67) Ethyl Benzene	11.965	91	630579	19.292	ug/l	99
68) m/p-Xylenes	12.070	106	498320	39.131	ug/l	99
69) o-Xylene	12.400	106	245481	19.685	ug/l	100
70) Styrene	12.412	104	397901	20.062	ug/l	99
71) Bromoform	12.582	173	92103	19.373	ug/l #	100
73) Isopropylbenzene	12.700	105	642236	19.547	ug/l	100
74) N-amyl acetate	12.494	43	179651	19.607	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	171296	19.021	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	155563m	19.597	ug/l	
77) Bromobenzene	12.982	156	143539	18.782	ug/l	99
78) n-propylbenzene	13.041	91	715057	19.765	ug/l	100
79) 2-Chlorotoluene	13.129	91	440354	19.107	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	549465	20.150	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	46873	19.437	ug/l	96
82) 4-Chlorotoluene	13.129	91	440354	19.107	ug/l	100
83) tert-Butylbenzene	13.441	119	484755	19.847	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	543123	20.014	ug/l	100
85) sec-Butylbenzene	13.617	105	661822	20.094	ug/l	100
86) p-Isopropyltoluene	13.735	119	547601	20.288	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	267033	18.984	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	261266	18.285	ug/l	99
89) n-Butylbenzene	14.059	91	417120	19.516	ug/l	100
90) Hexachloroethane	14.335	117	89236	18.980	ug/l	98
91) 1,2-Dichlorobenzene	14.111	146	262481	18.927	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	30145	19.340	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	113846	17.916	ug/l	98
94) Hexachlorobutadiene	15.505	225	66212	18.530	ug/l	98
95) Naphthalene	15.641	128	343369	18.573	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	109434	17.982	ug/l	98

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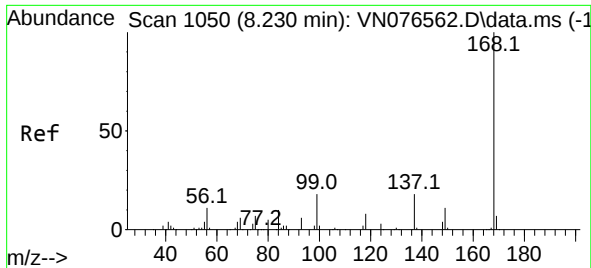
Manual Integrations
APPROVED

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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



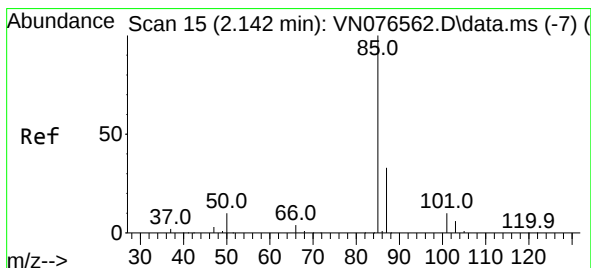
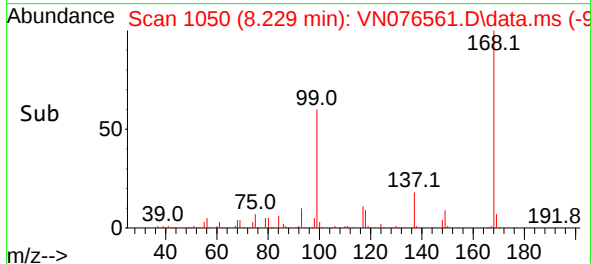
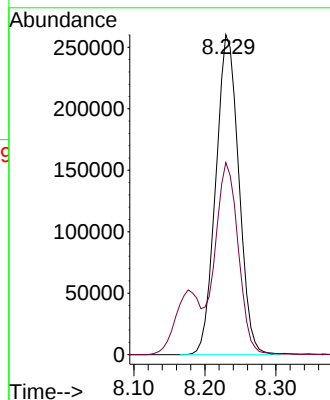
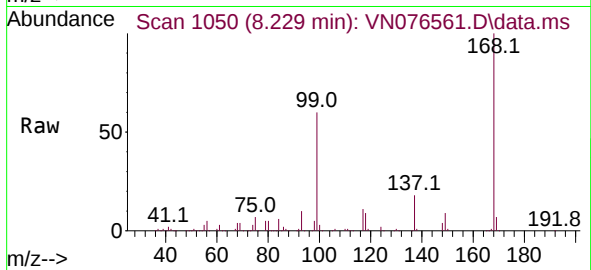
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076561.D
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MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 584740
Ion Ratio Lower Upper
168 100
99 59.8 47.8 71.8

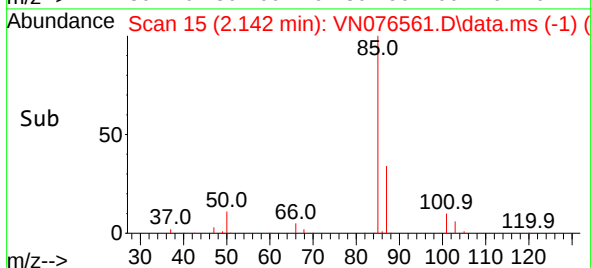
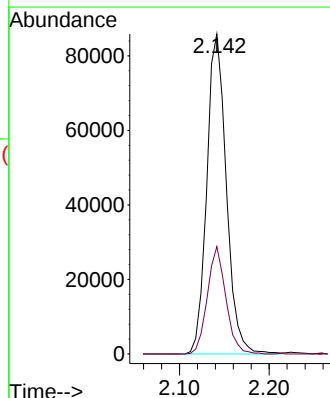
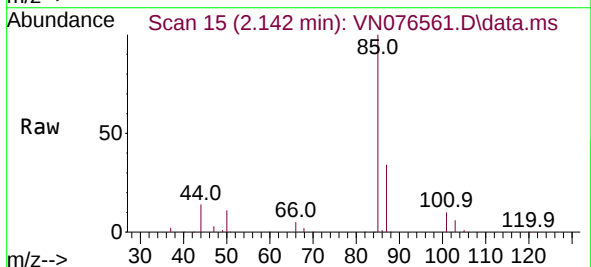
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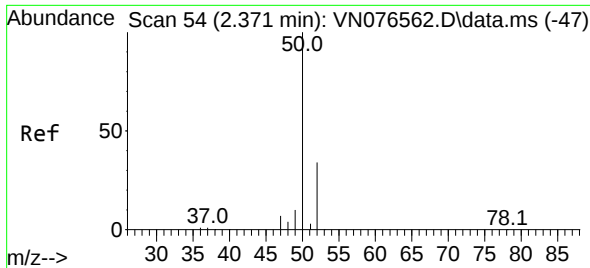
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#2
Dichlorodifluoromethane
Concen: 21.387 ug/l
RT: 2.142 min Scan# 15
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

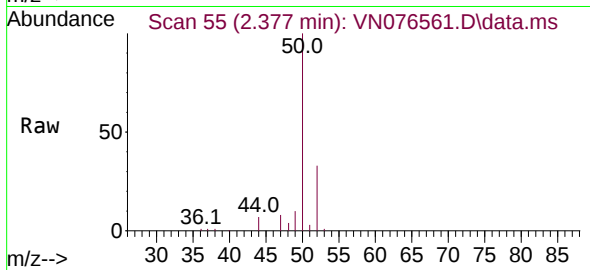
Tgt Ion: 85 Resp: 129919
Ion Ratio Lower Upper
85 100
87 33.6 16.6 49.8





#3
Chloromethane
Concen: 19.316 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

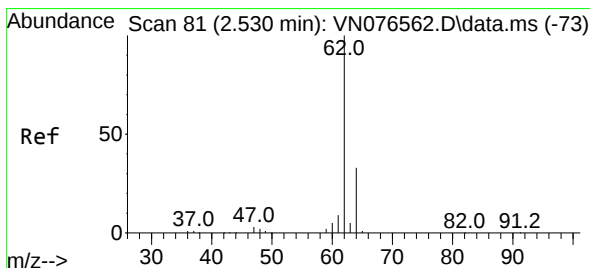
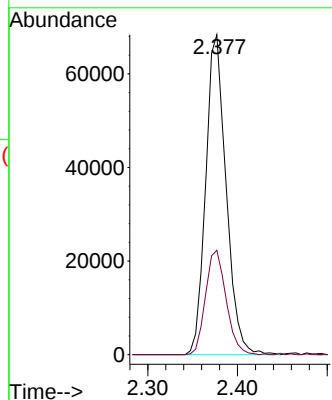
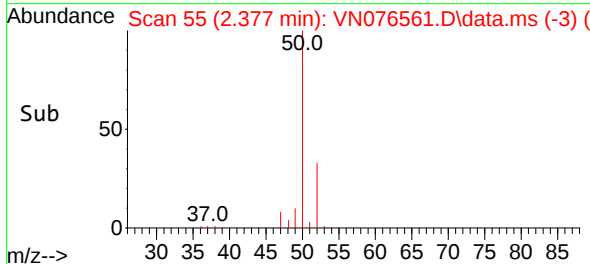
Instrument :
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VSTDICC020



Tgt Ion: 50 Resp: 10784
Ion Ratio Lower Upper
50 100
52 32.6 27.0 40.4

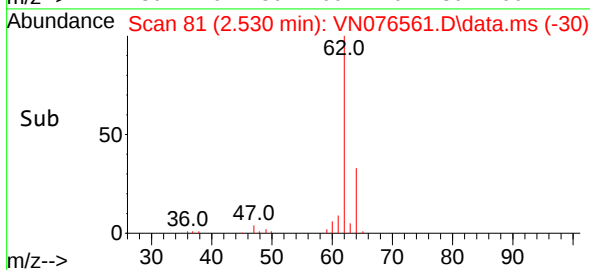
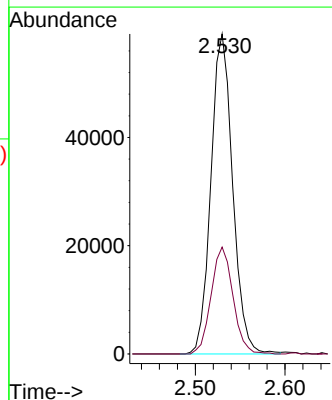
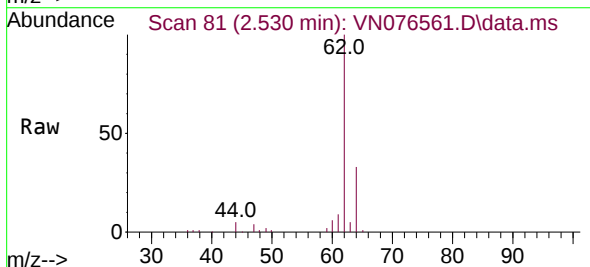
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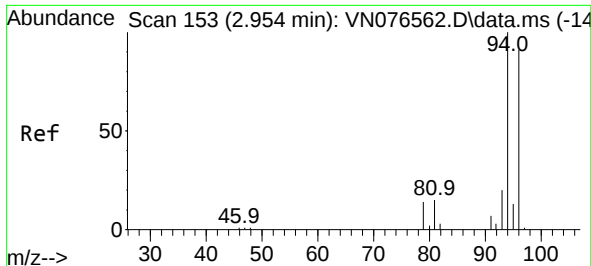
Reviewed By :John Carlone 02/08/2023
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#4
Vinyl Chloride
Concen: 19.397 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

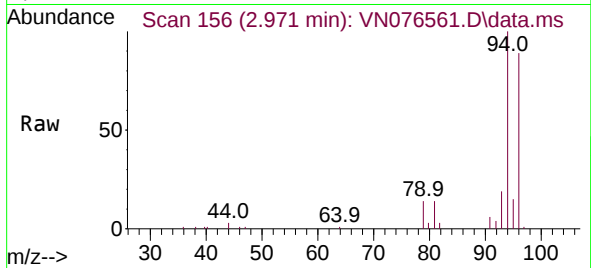
Tgt Ion: 62 Resp: 99436
Ion Ratio Lower Upper
62 100
64 33.4 26.0 39.0





#5
Bromomethane
Concen: 19.915 ug/l
RT: 2.971 min Scan# 156
Delta R.T. 0.017 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

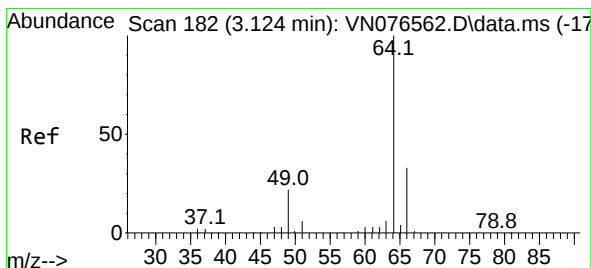
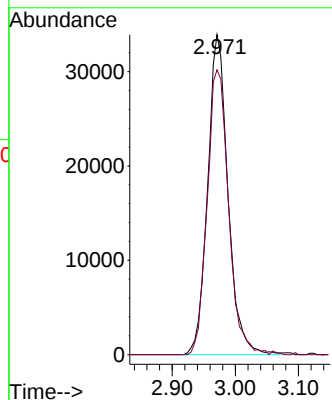
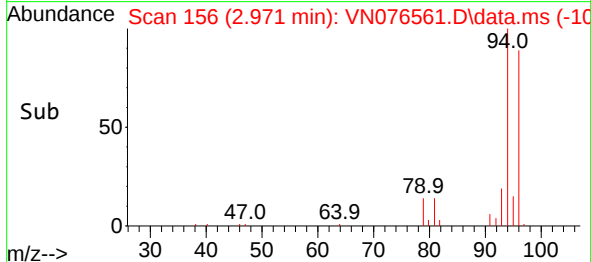
Instrument :
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Tgt Ion: 94 Resp: 75744
Ion Ratio Lower Upper
94 100
96 89.0 72.7 109.1

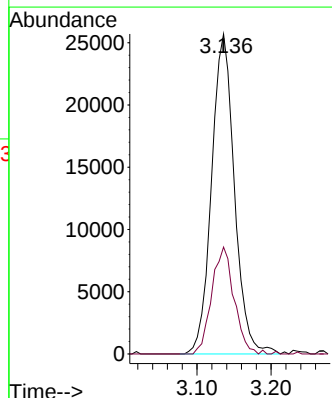
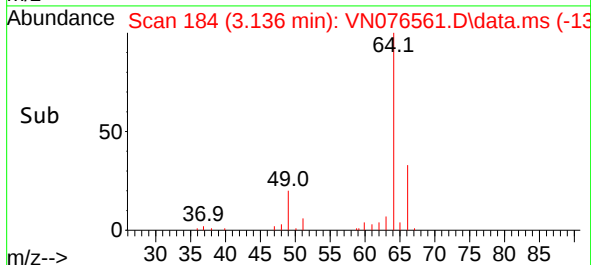
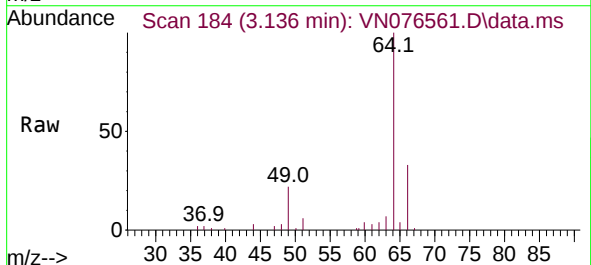
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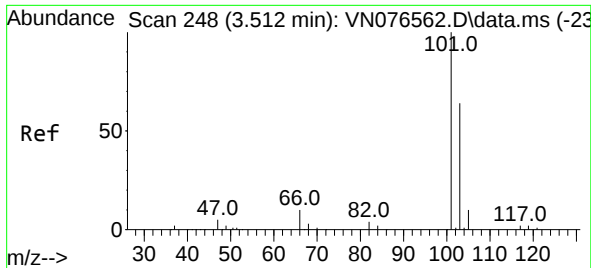
Reviewed By :John Carlone 02/08/2023
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#6
Chloroethane
Concen: 17.762 ug/l
RT: 3.136 min Scan# 184
Delta R.T. 0.012 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Tgt Ion: 64 Resp: 55076
Ion Ratio Lower Upper
64 100
66 33.4 26.3 39.5





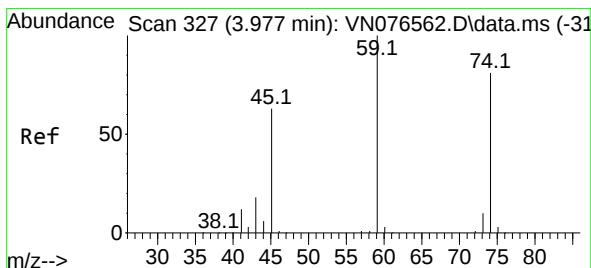
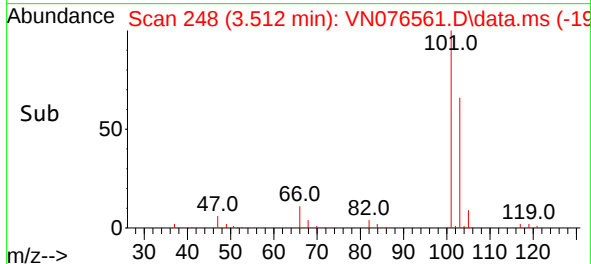
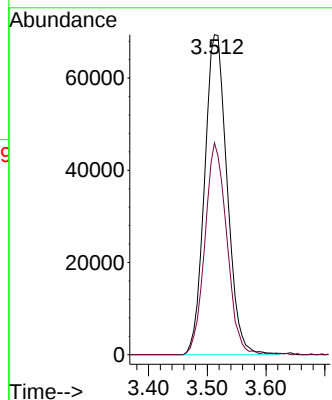
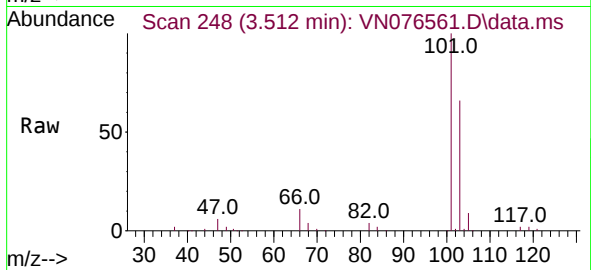
#7
Trichlorofluoromethane
Concen: 18.296 ug/l
RT: 3.512 min Scan# 248
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Instrument :
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ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 18486
Ion Ratio Lower Upper
101 100
103 66.2 51.3 76.9

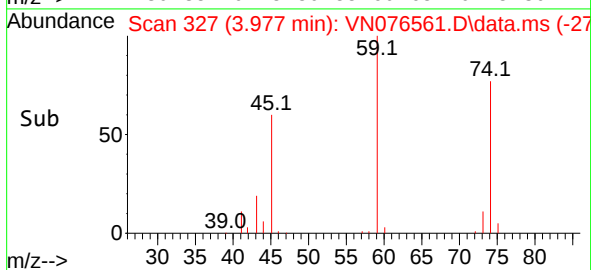
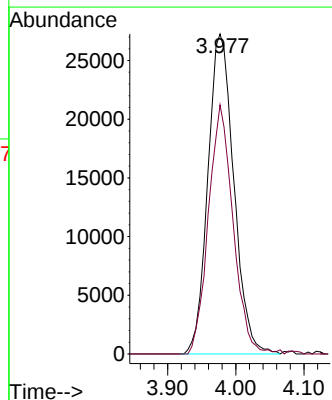
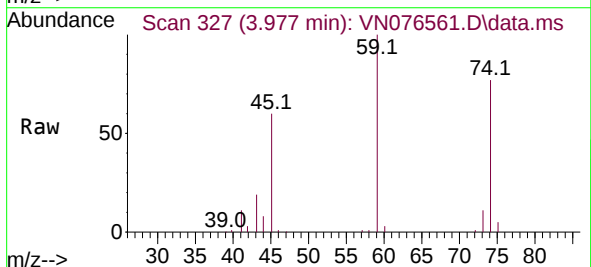
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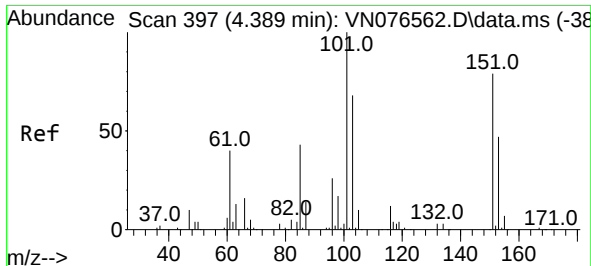
Reviewed By :John Carlone 02/08/2023
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#8
Diethyl Ether
Concen: 18.875 ug/l
RT: 3.977 min Scan# 327
Delta R.T. -0.000 min
Lab File: VN076561.D
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Tgt Ion: 74 Resp: 72218
Ion Ratio Lower Upper
74 100
45 73.7 39.8 119.4





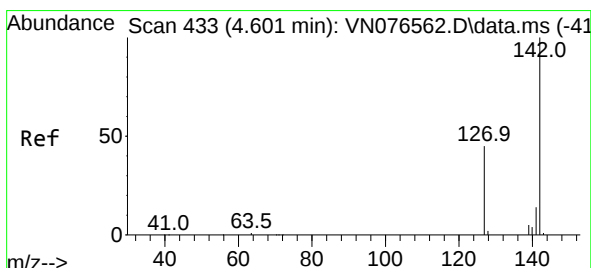
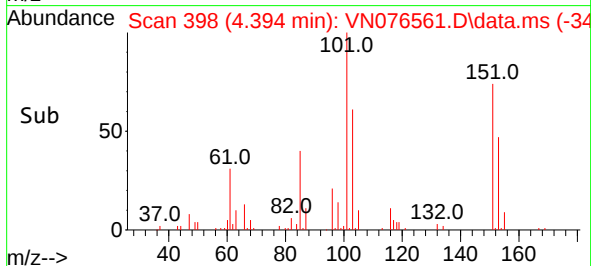
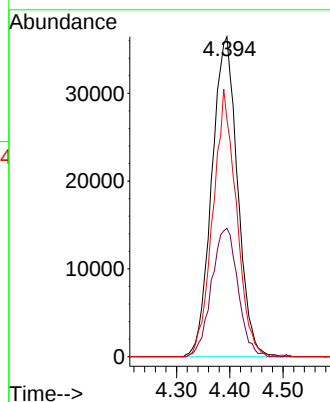
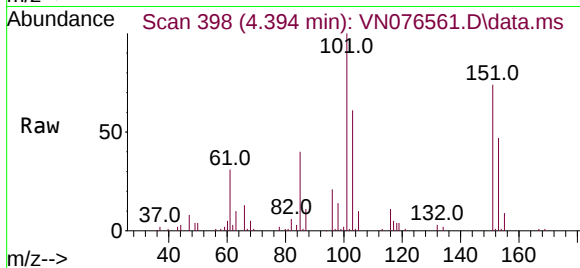
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.500 ug/l
RT: 4.394 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 12206
Ion Ratio Lower Upper
101 100
85 41.2 33.9 50.9
151 76.4 62.5 93.7

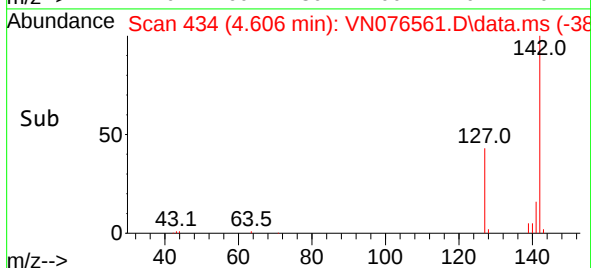
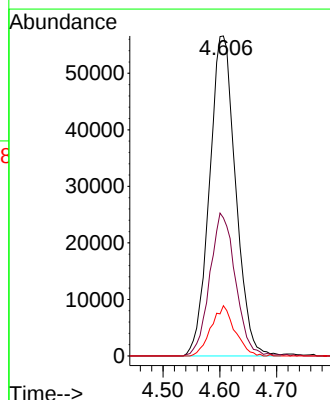
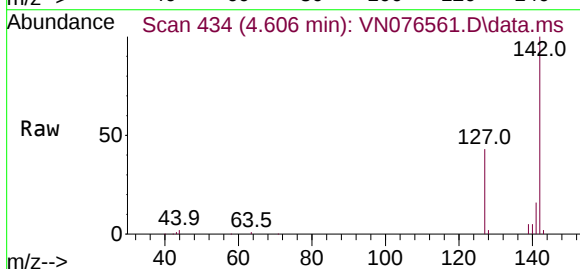
Manual Integrations
APPROVED

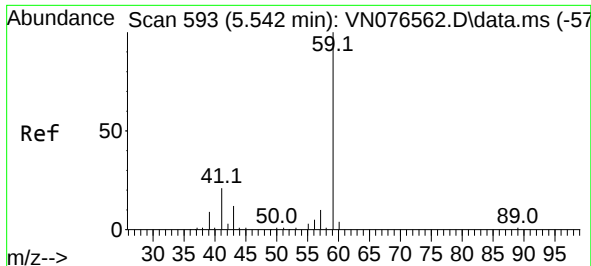
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#10
Methyl Iodide
Concen: 19.741 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

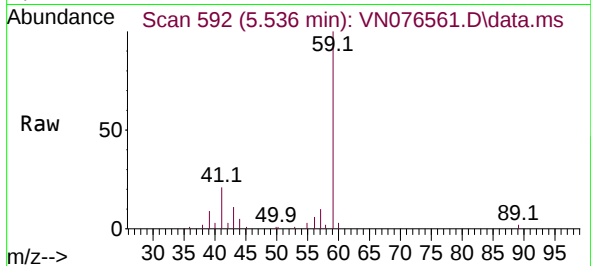
Tgt Ion:142 Resp: 180733
Ion Ratio Lower Upper
142 100
127 43.9 34.8 52.2
141 14.3 11.2 16.8





#11
Tert butyl alcohol
Concen: 95.271 ug/l
RT: 5.536 min Scan# 593
Delta R.T. -0.006 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

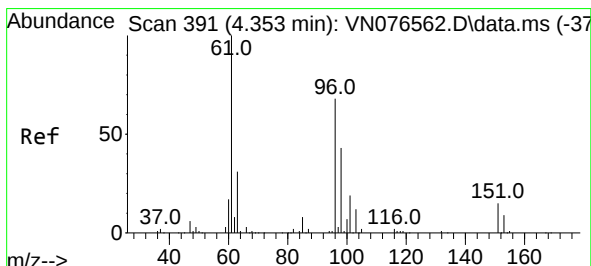
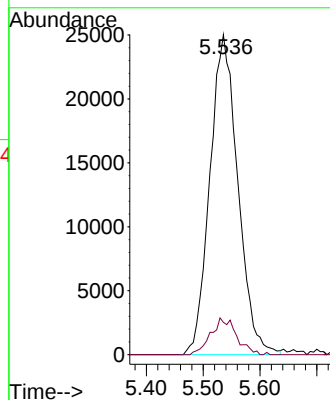
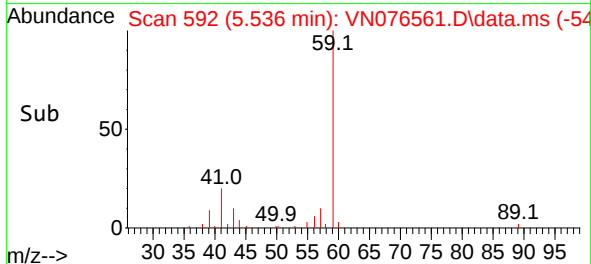
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 59 Resp: 85644
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

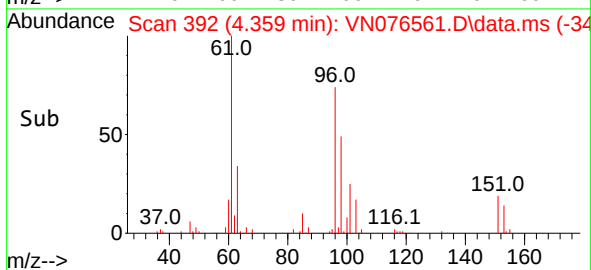
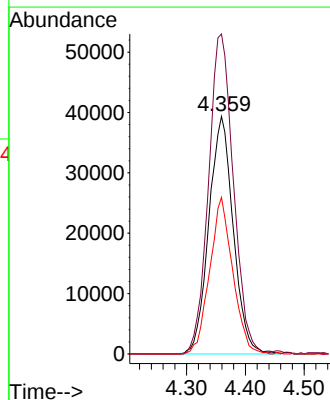
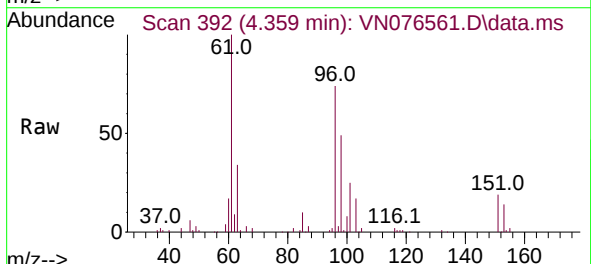
Manual Integrations
APPROVED

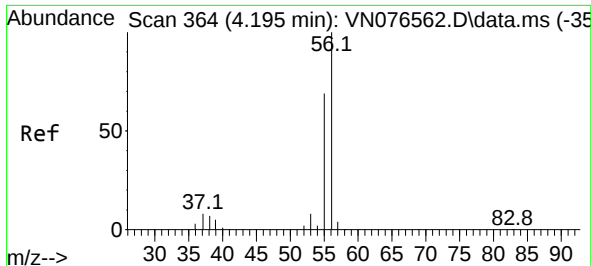
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#12
1,1-Dichloroethene
Concen: 19.392 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Tgt Ion: 96 Resp: 113394
Ion Ratio Lower Upper
96 100
61 134.6 118.3 177.5
98 65.9 50.7 76.1





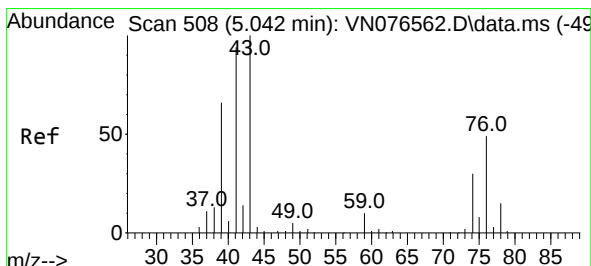
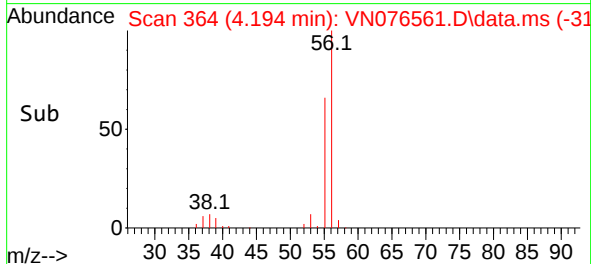
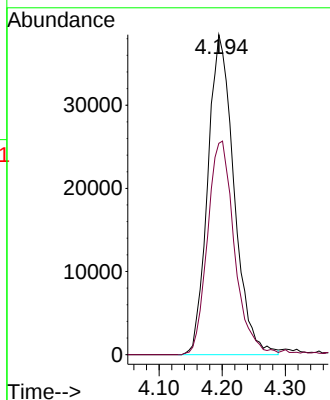
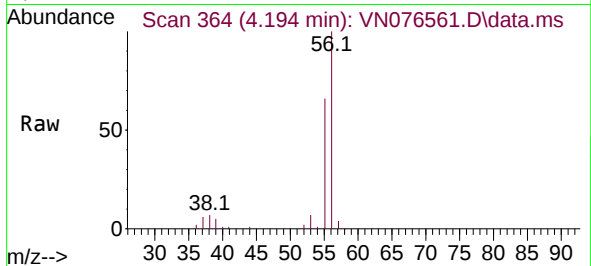
#13
Acrolein
Concen: 92.467 ug/l
RT: 4.194 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 111040
Ion Ratio Lower Upper
56 100
55 68.4 54.7 82.1

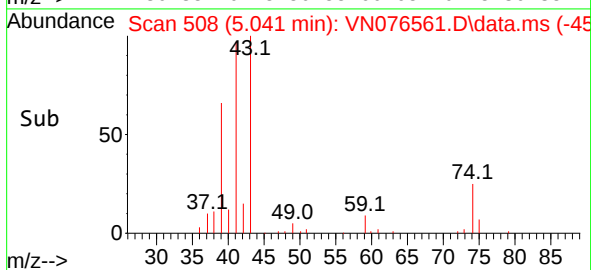
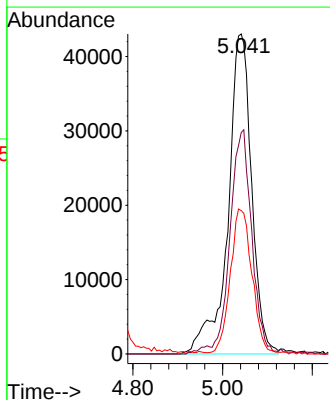
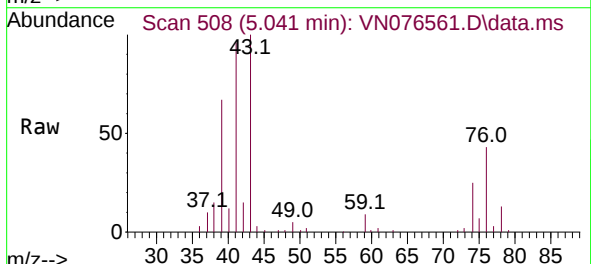
Manual Integrations
APPROVED

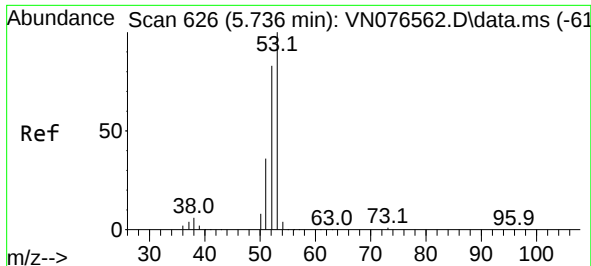
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#14
Allyl chloride
Concen: 20.688 ug/l
RT: 5.041 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

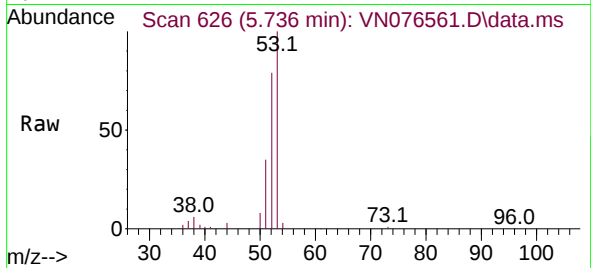
Tgt Ion: 41 Resp: 157552
Ion Ratio Lower Upper
41 100
39 64.7 55.8 83.6
76 40.6 36.8 55.2





#15
Acrylonitrile
Concen: 97.082 ug/l
RT: 5.736 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

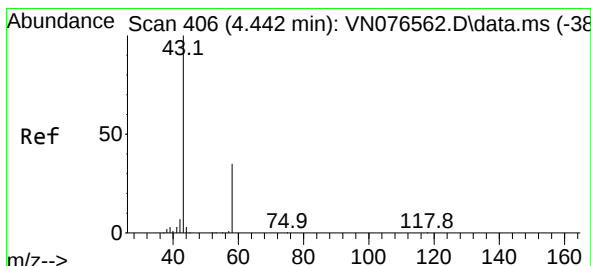
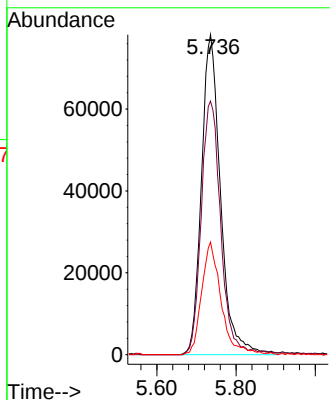
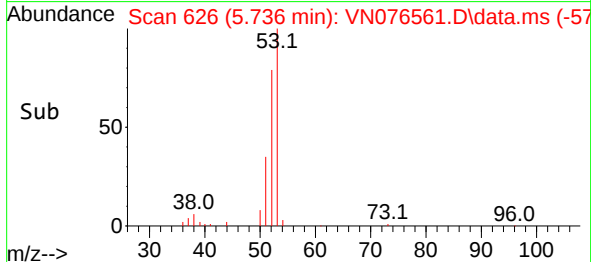
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



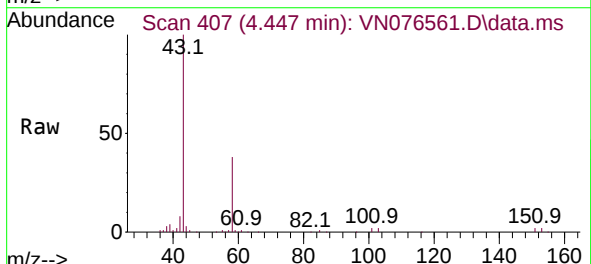
Tgt Ion: 53 Resp: 26188
Ion Ratio Lower Upper
53 100
52 80.6 64.6 96.8
51 35.8 27.9 41.9

Manual Integrations
APPROVED

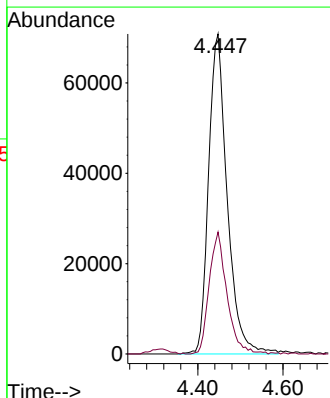
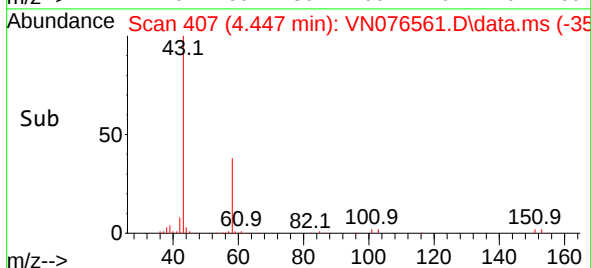
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

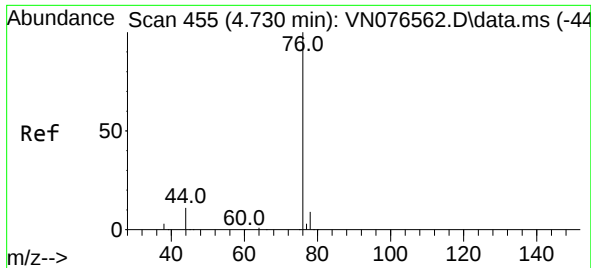


#16
Acetone
Concen: 94.457 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55



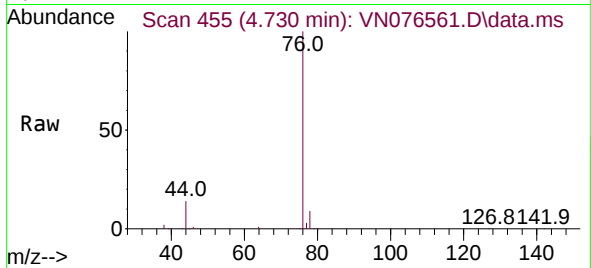
Tgt Ion: 43 Resp: 214929
Ion Ratio Lower Upper
43 100
58 37.9 28.4 42.6





#17
Carbon Disulfide
Concen: 19.527 ug/l
RT: 4.730 min Scan# 455
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

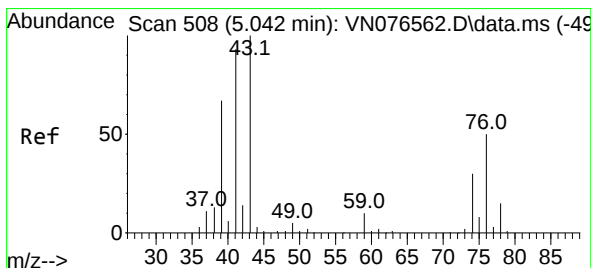
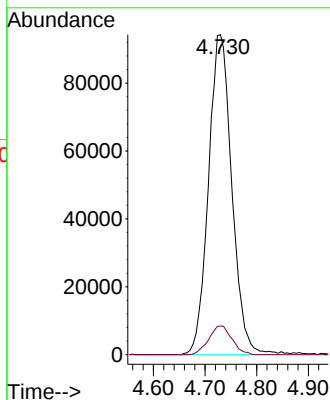
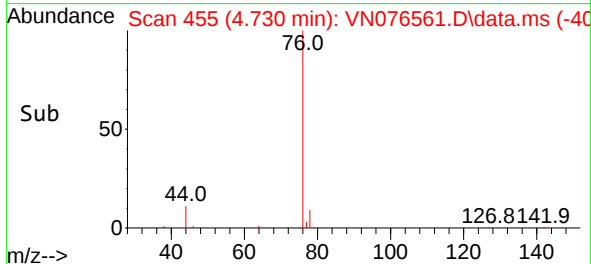
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



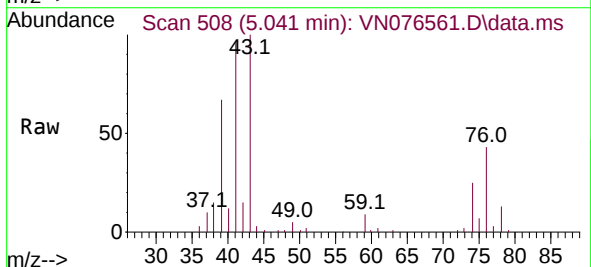
Tgt Ion: 76 Resp: 29580
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4

Manual Integrations
APPROVED

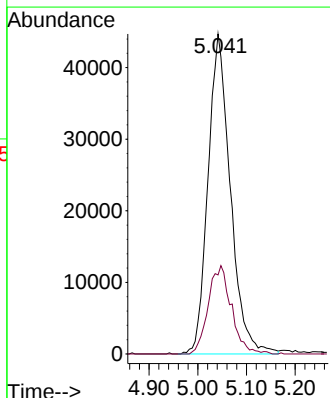
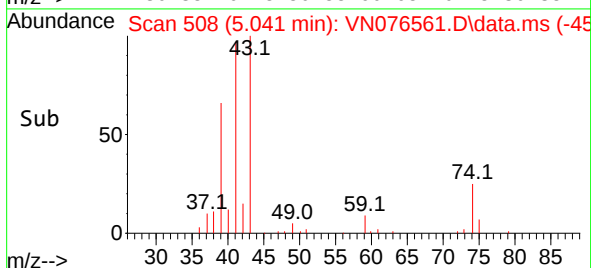
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

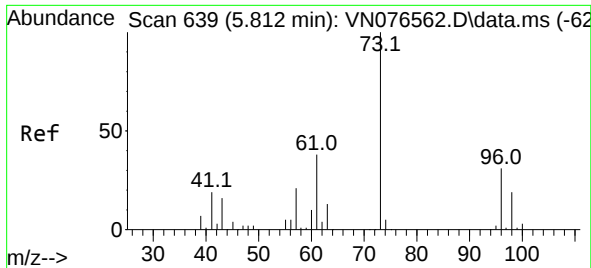


#18
Methyl Acetate
Concen: 19.770 ug/l
RT: 5.041 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55



Tgt Ion: 43 Resp: 142330
Ion Ratio Lower Upper
43 100
74 28.6 23.9 35.9





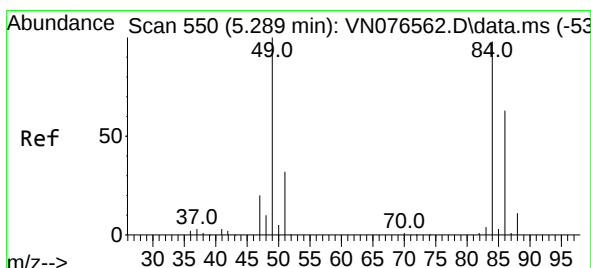
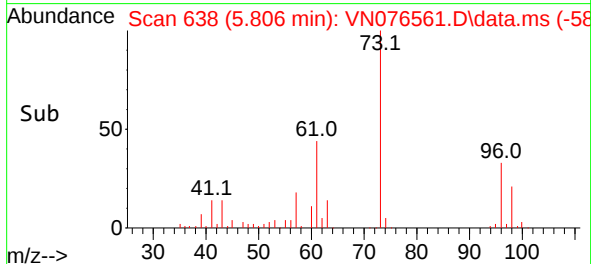
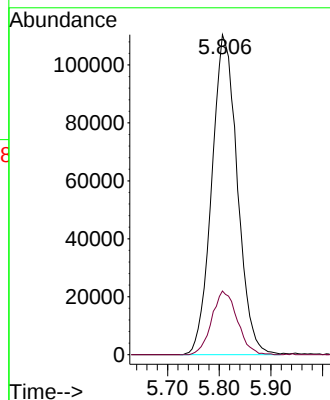
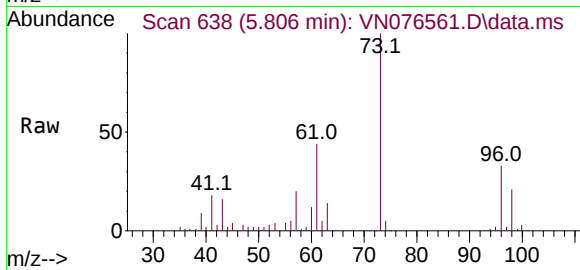
#19
Methyl tert-butyl Ether
Concen: 19.518 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 379574
Ion Ratio Lower Upper
73 100
57 19.9 17.0 25.6

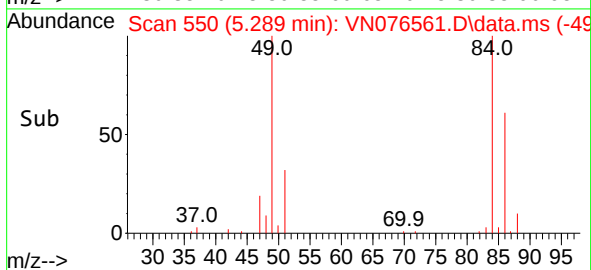
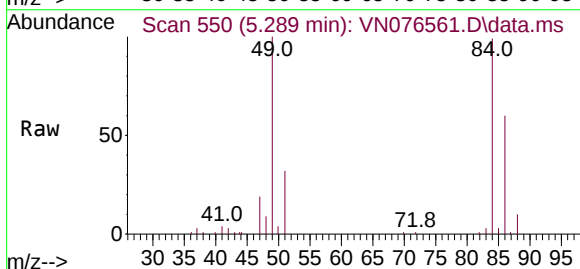
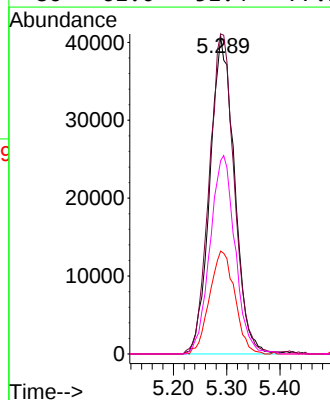
Manual Integrations
APPROVED

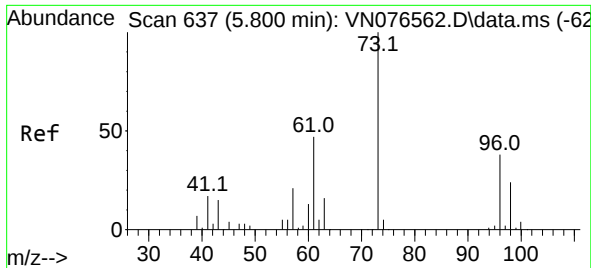
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#20
Methylene Chloride
Concen: 18.597 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

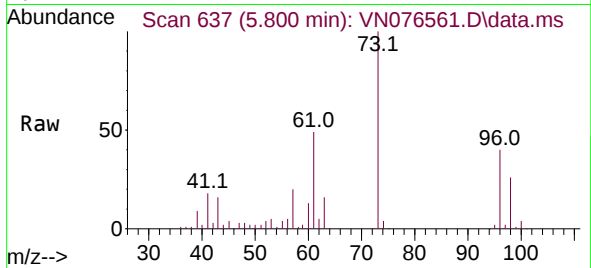
Tgt Ion: 84 Resp: 130449
Ion Ratio Lower Upper
84 100
49 100.8 82.0 123.0
51 32.4 26.0 39.0
86 61.0 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 19.079 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

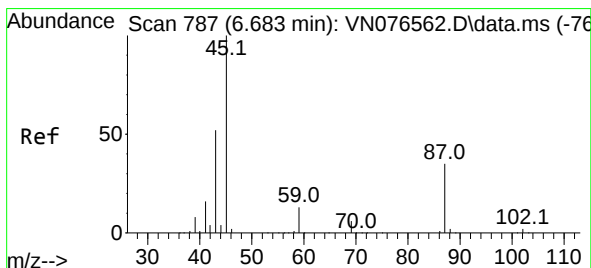
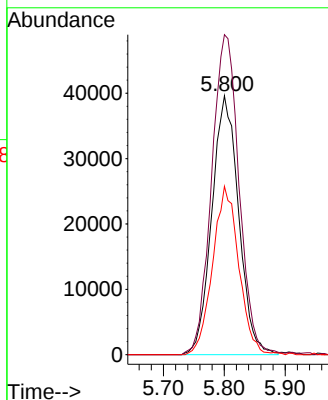
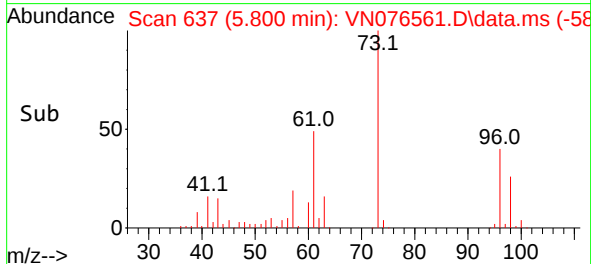
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



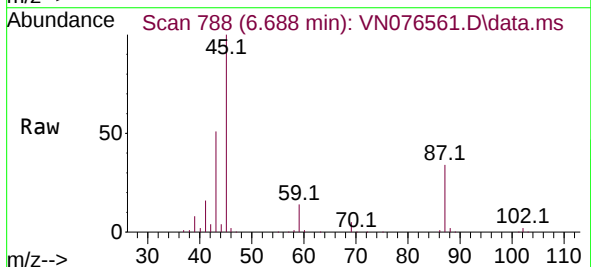
Tgt Ion: 96 Resp: 121262
Ion Ratio Lower Upper
96 100
61 123.6 98.9 148.3
98 65.0 49.4 74.2

Manual Integrations
APPROVED

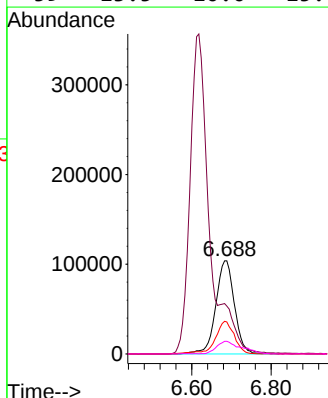
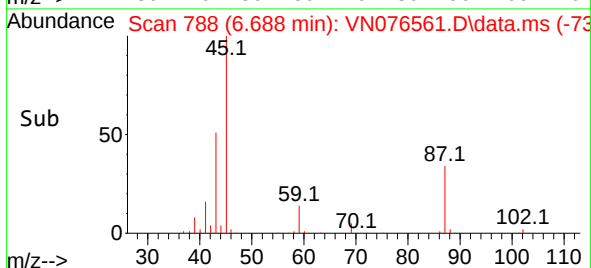
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

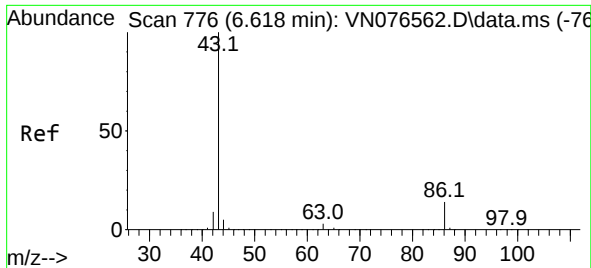


#22
Diisopropyl ether
Concen: 19.631 ug/l
RT: 6.688 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55



Tgt Ion: 45 Resp: 338835
Ion Ratio Lower Upper
45 100
43 50.1 41.4 62.2
87 34.4 28.2 42.4
59 13.5 10.0 15.0





#23
 Vinyl Acetate
 Concen: 99.277 ug/l
 RT: 6.618 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VN076561.D
 Acq: 07 Feb 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

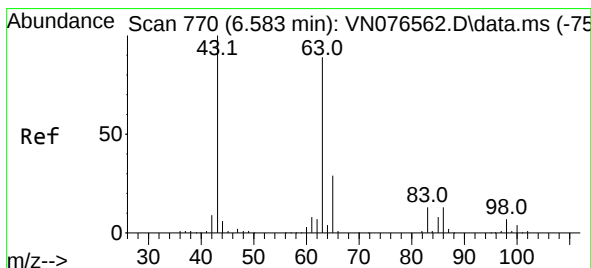
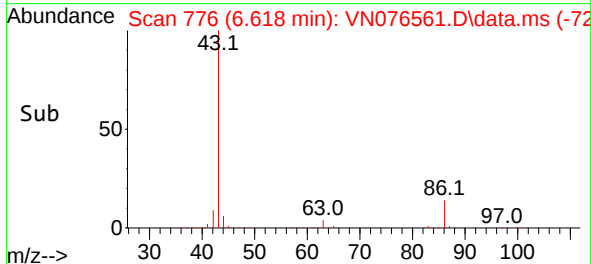
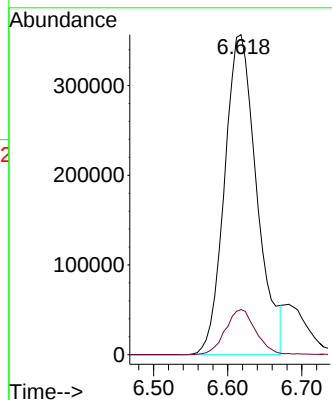
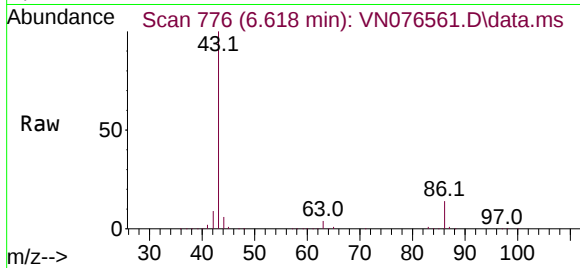
VSTDICC020

Tgt Ion: 43 Resp: 107555
 Ion Ratio Lower Upper
 43 100
 86 14.1 11.3 16.9

Manual Integrations

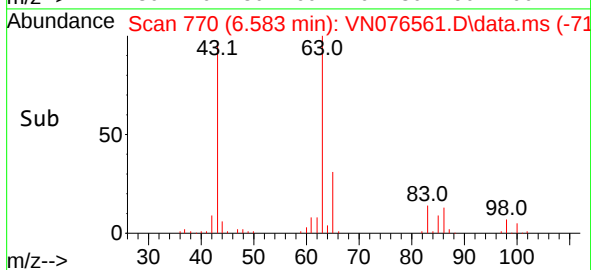
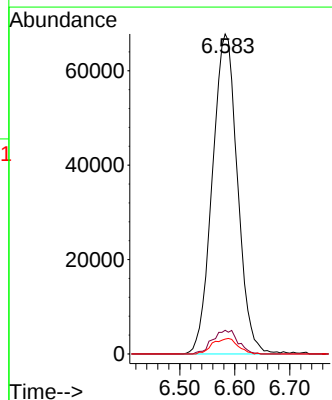
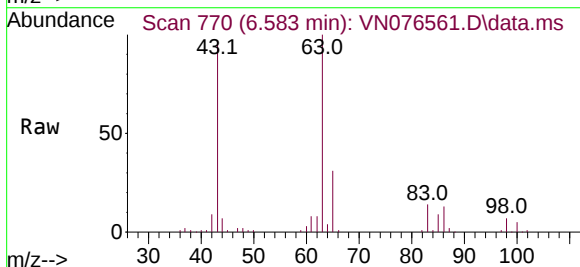
APPROVED

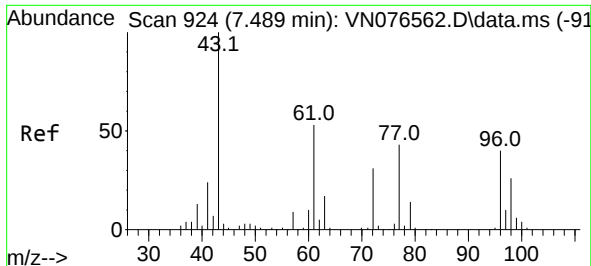
Reviewed By :John Carlone 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023



#24
 1,1-Dichloroethane
 Concen: 19.407 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN076561.D
 Acq: 07 Feb 2023 12:55

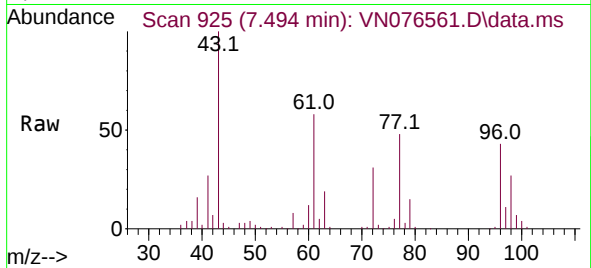
Tgt Ion: 63 Resp: 215101
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.4
 100 4.7 2.5 7.4





#25
2-Butanone
Concen: 98.223 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

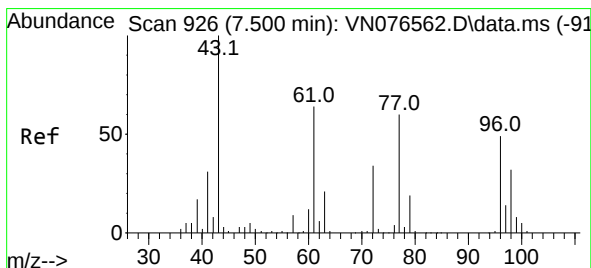
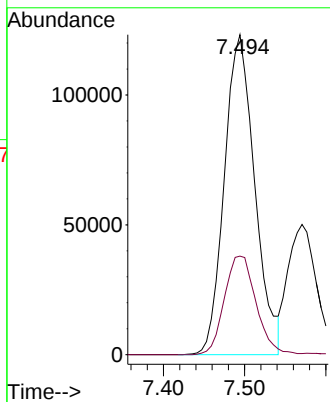
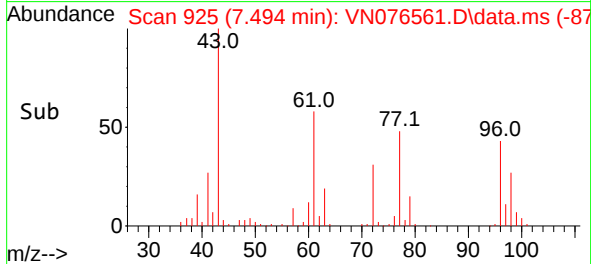
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 321260
Ion Ratio Lower Upper
43 100
72 30.8 25.1 37.7

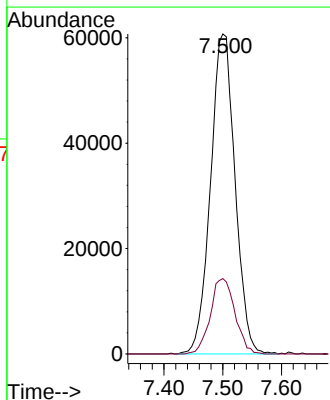
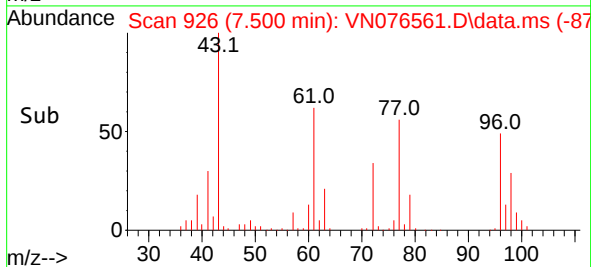
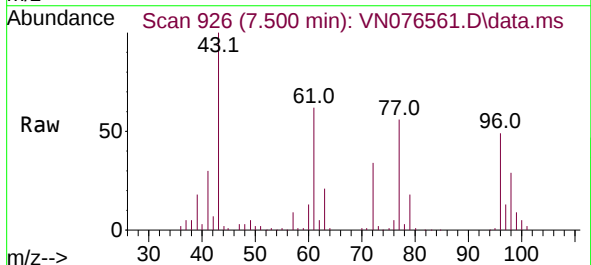
Manual Integrations
APPROVED

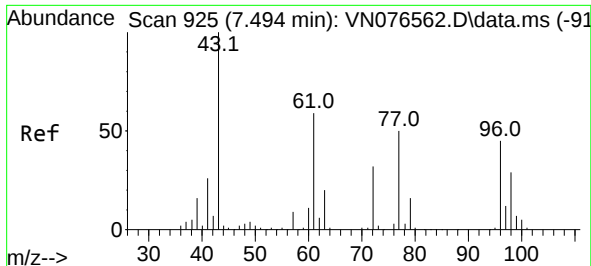
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#26
2,2-Dichloropropane
Concen: 19.017 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

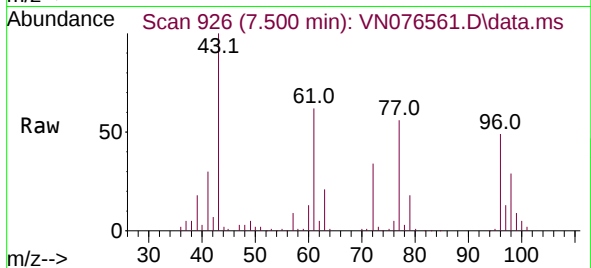
Tgt Ion: 77 Resp: 175945
Ion Ratio Lower Upper
77 100
97 23.6 11.7 35.0





#27
cis-1,2-Dichloroethene
Concen: 18.928 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

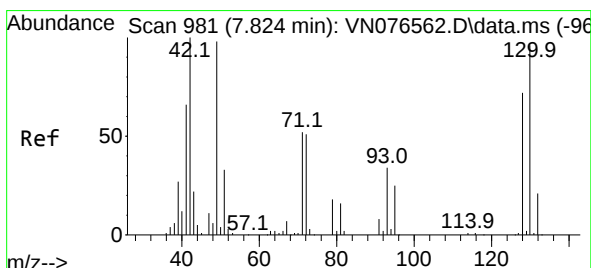
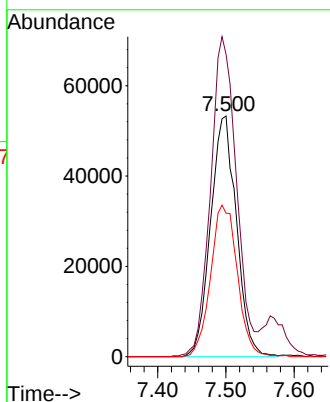
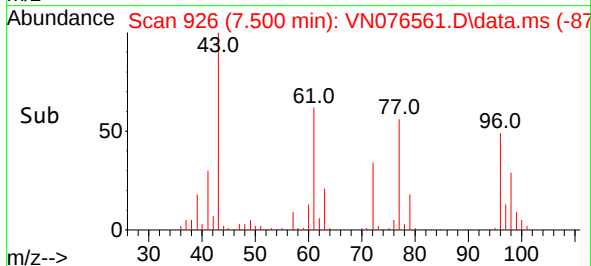
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 140684
Ion Ratio Lower Upper
96 100
61 133.8 0.0 262.2
98 65.2 0.0 128.6

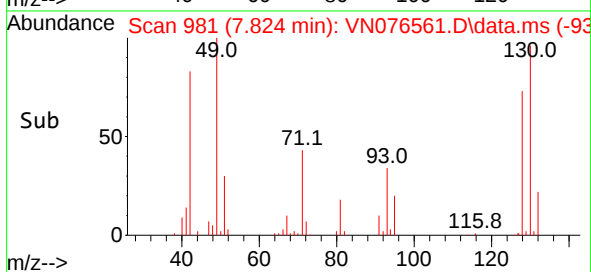
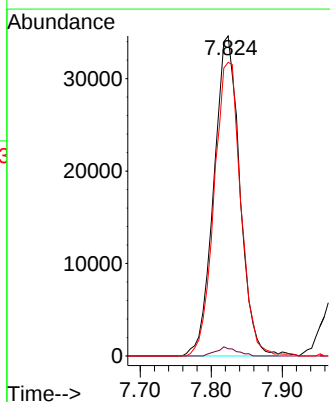
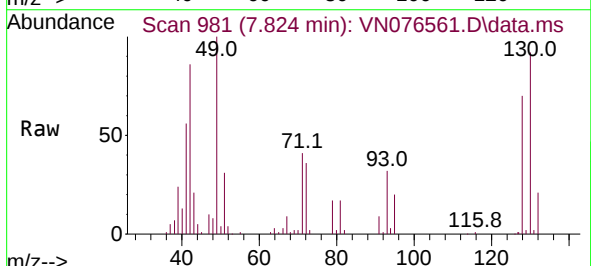
Manual Integrations
APPROVED

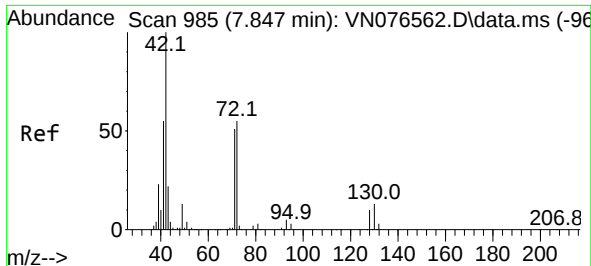
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#28
Bromochloromethane
Concen: 19.719 ug/l
RT: 7.824 min Scan# 981
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Tgt Ion: 49 Resp: 87570
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.6
130 94.3 74.3 111.5





#29

Tetrahydrofuran

Concen: 98.971 ug/l

RT: 7.847 min Scan# 985

Delta R.T. -0.000 min

Lab File: VN076561.D

Acq: 07 Feb 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 20804

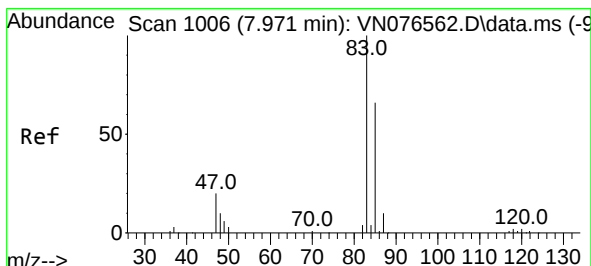
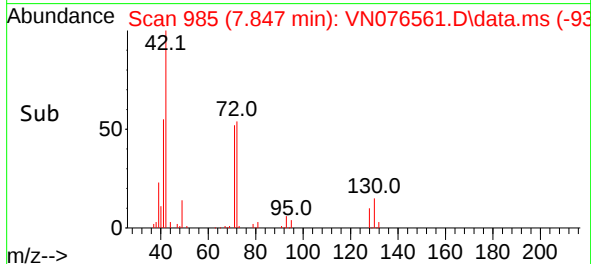
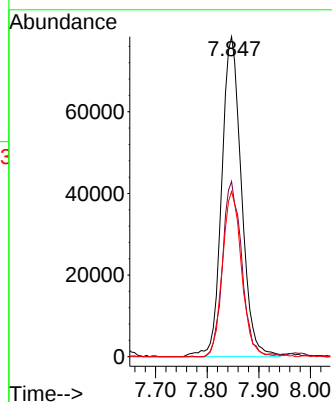
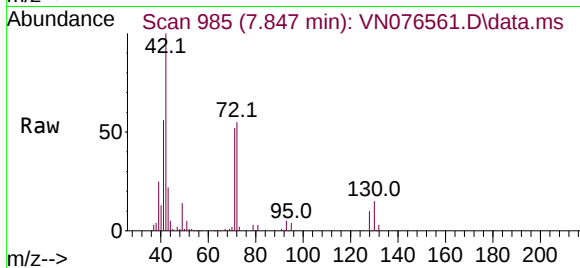
Ion	Ratio	Lower	Upper
42	100		
72	52.7	42.9	64.3
71	50.0	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#30

Chloroform

Concen: 19.599 ug/l

RT: 7.971 min Scan# 1006

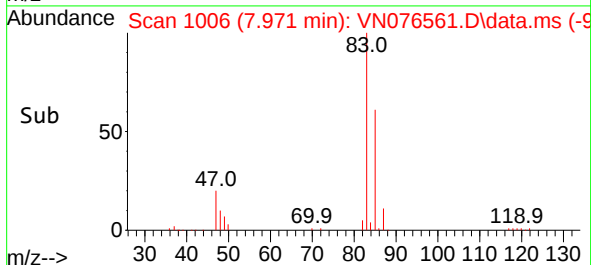
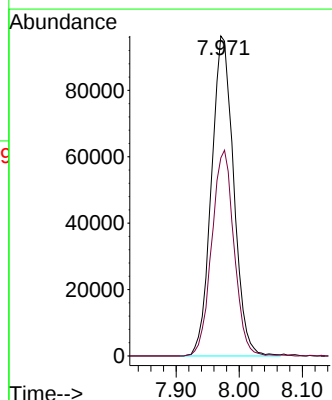
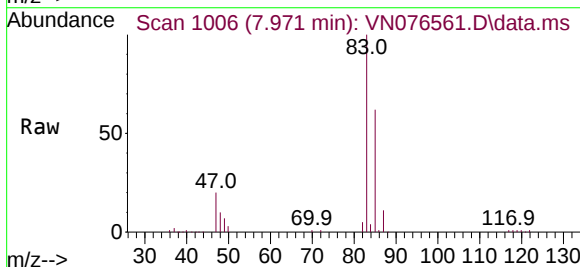
Delta R.T. -0.000 min

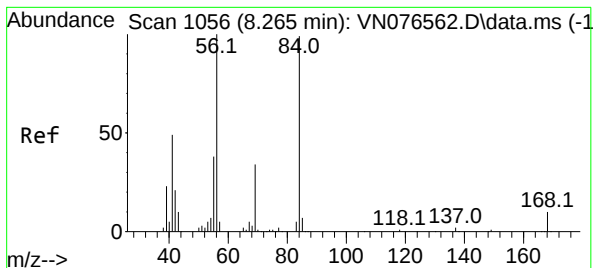
Lab File: VN076561.D

Acq: 07 Feb 2023 12:55

Tgt Ion: 83 Resp: 235656

Ion	Ratio	Lower	Upper
83	100		
85	61.9	52.5	78.7





#31

Cyclohexane

Concen: 19.060 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN076561.D

Acq: 07 Feb 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 20791

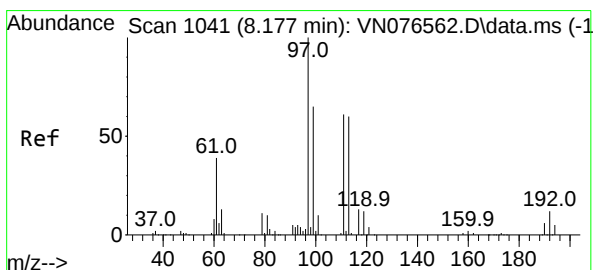
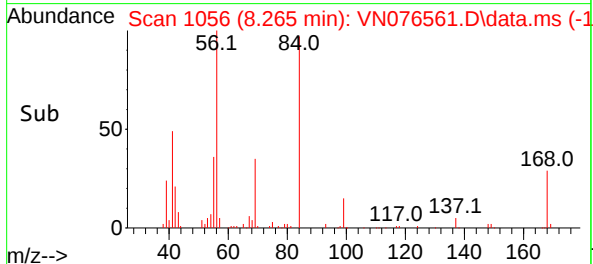
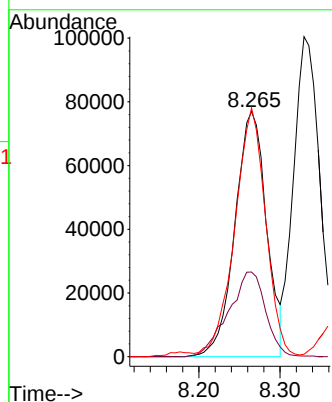
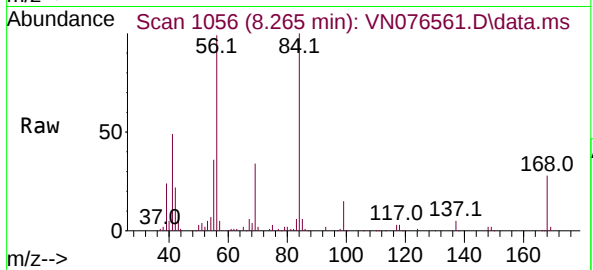
Ion	Ratio	Lower	Upper
56	100		
69	34.5	27.0	40.4
84	99.5	79.5	119.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#32

1,1,1-Trichloroethane

Concen: 19.495 ug/l

RT: 8.177 min Scan# 1041

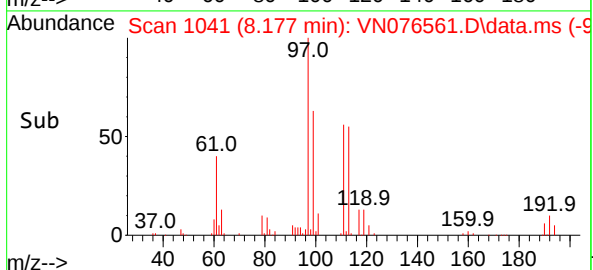
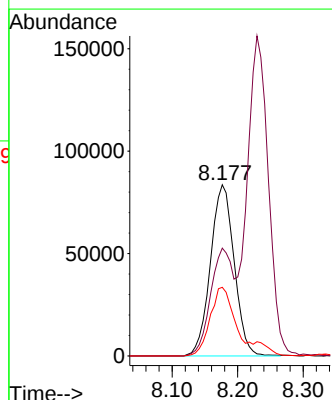
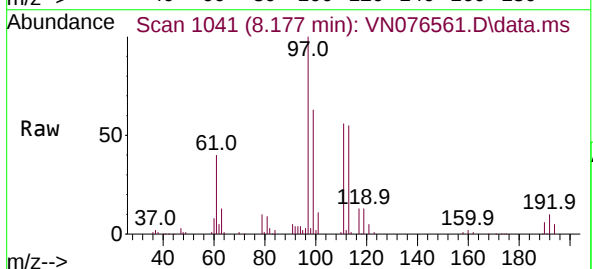
Delta R.T. -0.000 min

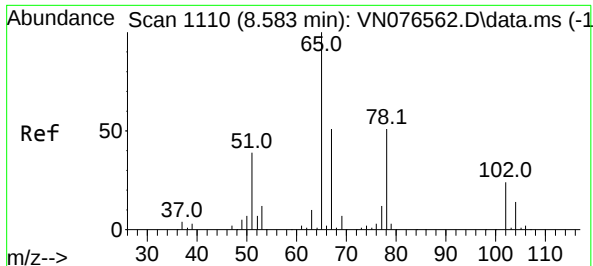
Lab File: VN076561.D

Acq: 07 Feb 2023 12:55

Tgt Ion: 97 Resp: 210040

Ion	Ratio	Lower	Upper
97	100		
99	58.2	53.5	80.3
61	42.2	33.6	50.4





#33

1,2-Dichloroethane-d4

Concen: 18.525 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076561.D

Acq: 07 Feb 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 127852

Ion Ratio Lower Upper

65 100

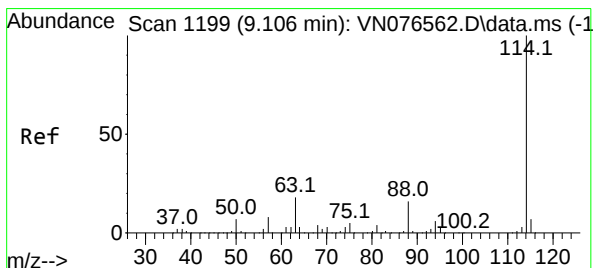
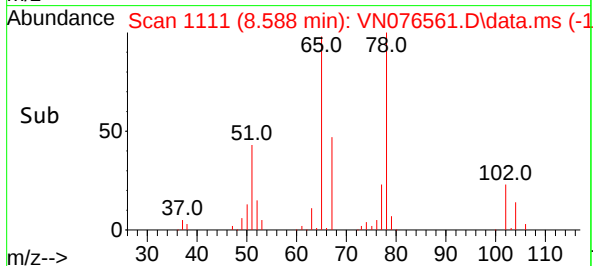
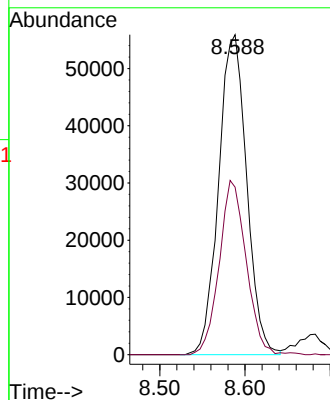
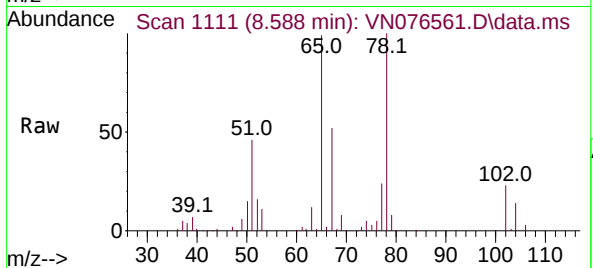
67 52.2 0.0 105.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076561.D

Acq: 07 Feb 2023 12:55

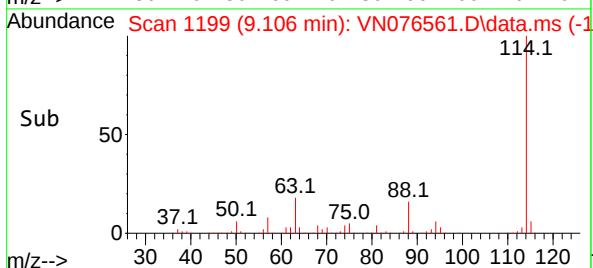
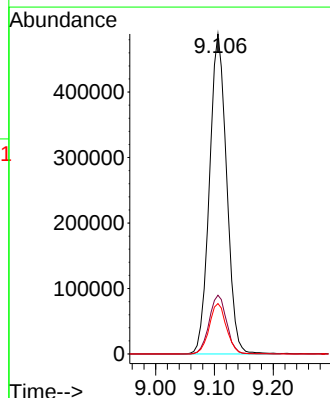
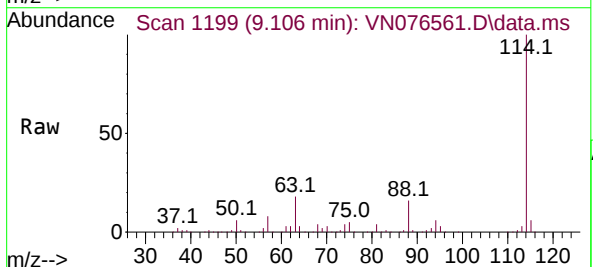
Tgt Ion:114 Resp: 992175

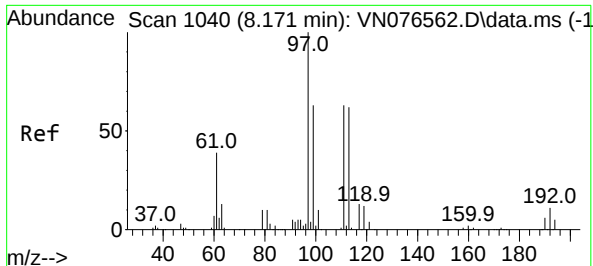
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.6

88 15.8 0.0 32.0





#35

Dibromofluoromethane

Concen: 18.147 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076561.D

Acq: 07 Feb 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 113 Resp: 111920

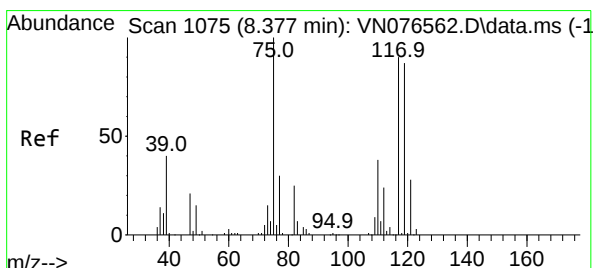
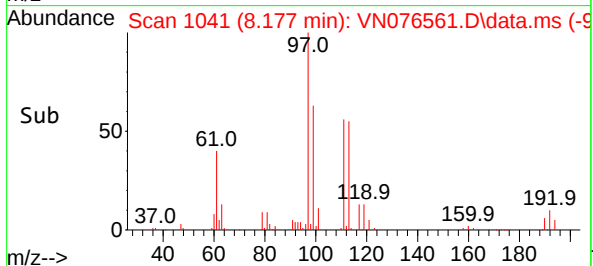
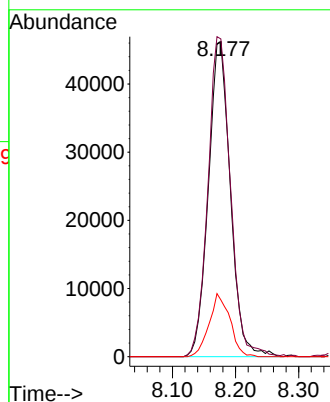
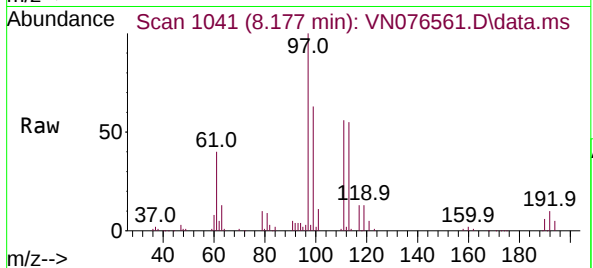
Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.0	123.0
192	18.9	14.8	22.2

Manual Integrations

APPROVED

Reviewed By : John Carlone 02/08/2023

Supervised By : Mahesh Dadoda 02/08/2023



#36

1,1-Dichloropropene

Concen: 19.143 ug/l

RT: 8.377 min Scan# 1075

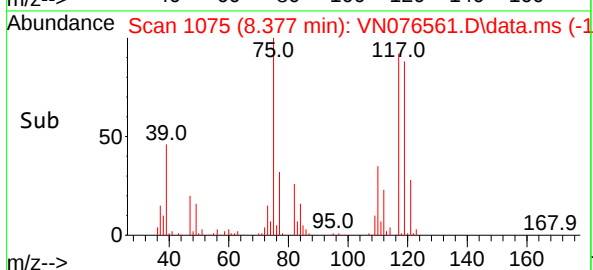
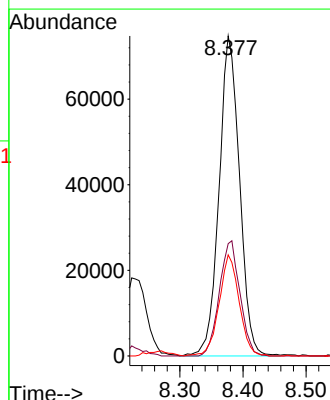
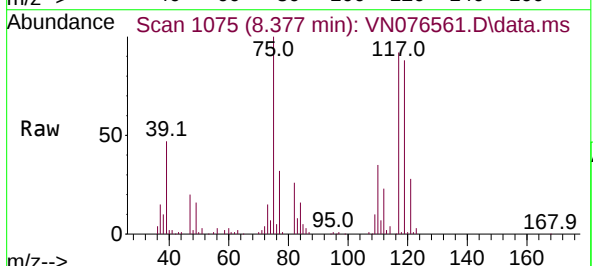
Delta R.T. -0.000 min

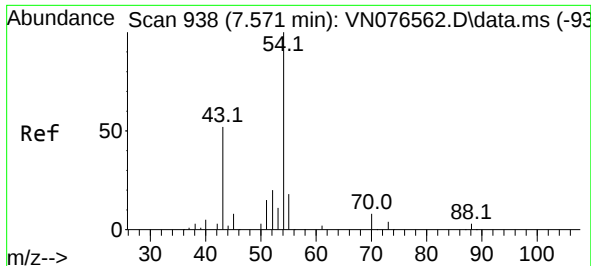
Lab File: VN076561.D

Acq: 07 Feb 2023 12:55

Tgt Ion: 75 Resp: 168578

Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.6	55.6
77	31.0	25.1	37.7





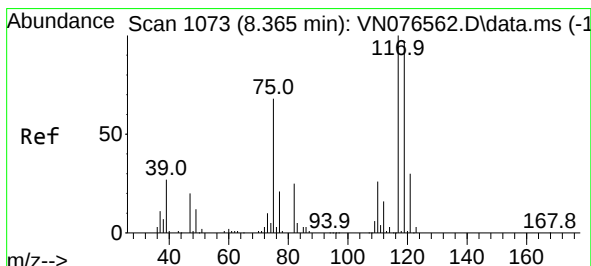
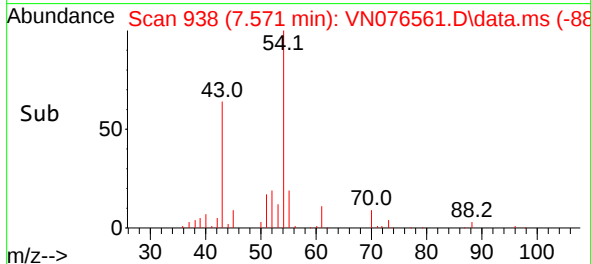
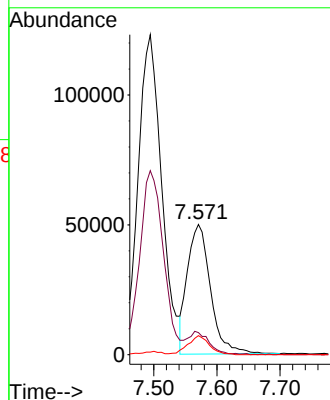
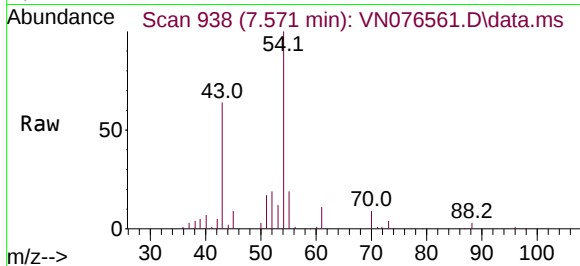
#37
Ethyl Acetate
Concen: 18.906 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 126729
Ion Ratio Lower Upper
43 100
61 16.4 11.8 17.6
70 13.6 10.4 15.6

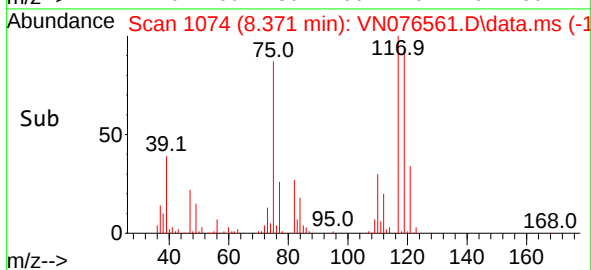
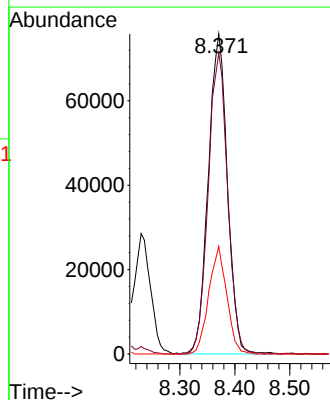
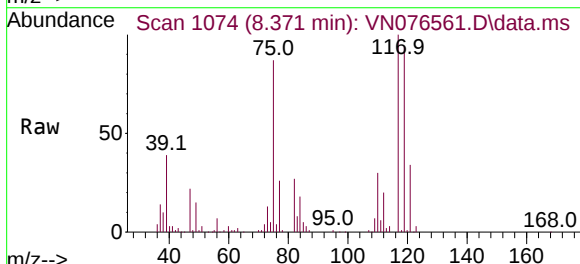
Manual Integrations
APPROVED

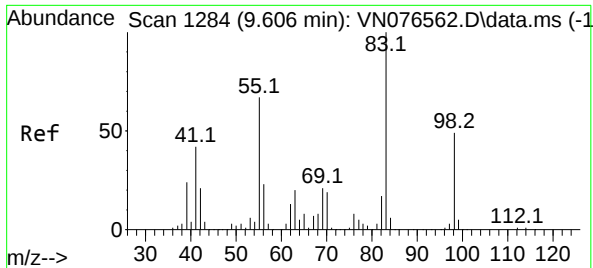
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#38
Carbon Tetrachloride
Concen: 19.384 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Tgt Ion:117 Resp: 183530
Ion Ratio Lower Upper
117 100
119 94.0 77.2 115.8
121 33.6 23.9 35.9





#39

Methylcyclohexane

Concen: 19.910 ug/l

RT: 9.606 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076561.D

Acq: 07 Feb 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 21774

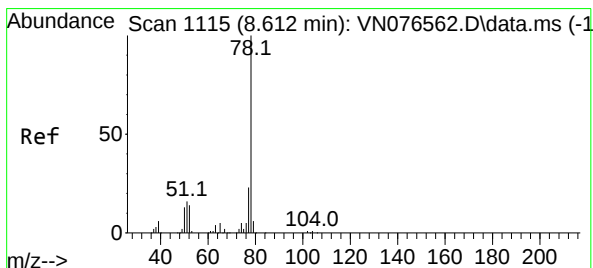
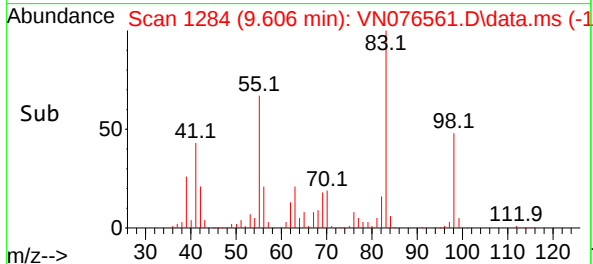
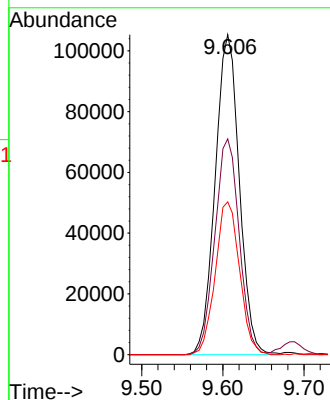
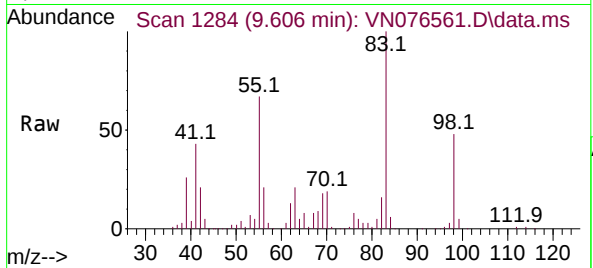
Ion	Ratio	Lower	Upper
83	100		
55	67.4	53.8	80.6
98	47.8	39.0	58.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#40

Benzene

Concen: 19.272 ug/l

RT: 8.612 min Scan# 1115

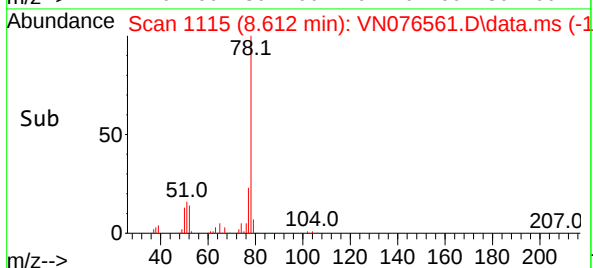
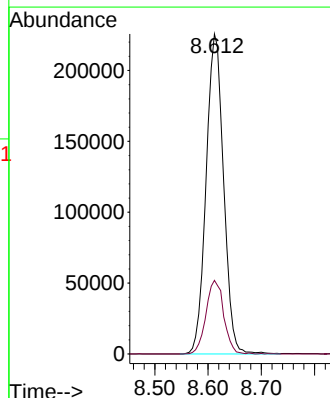
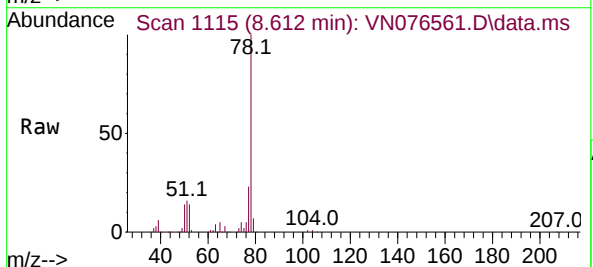
Delta R.T. -0.000 min

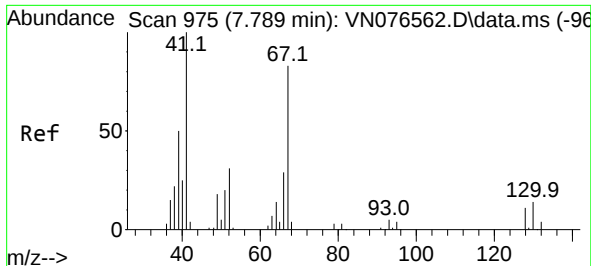
Lab File: VN076561.D

Acq: 07 Feb 2023 12:55

Tgt Ion: 78 Resp: 514435

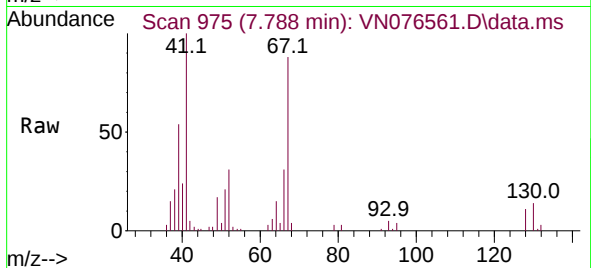
Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.6	27.8





#41
Methacrylonitrile
Concen: 20.002 ug/l
RT: 7.788 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

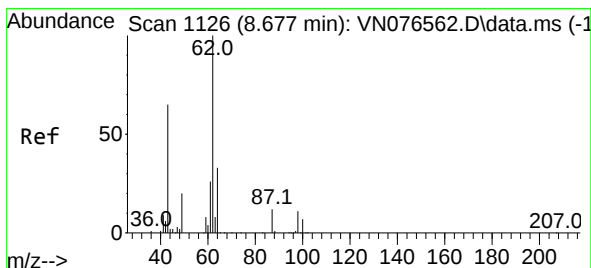
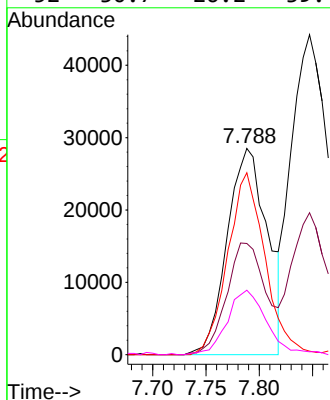
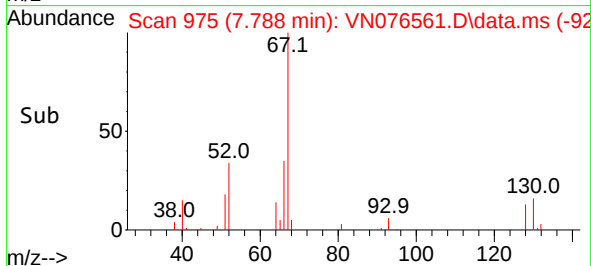
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



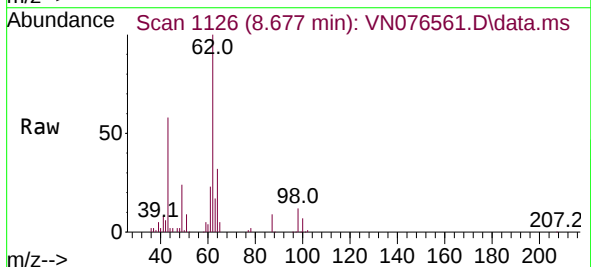
Tgt Ion: 41 Resp: 7472
Ion Ratio Lower Upper
41 100
39 53.2 41.3 61.9
67 82.3 69.6 104.4
52 30.7 26.2 39.4

Manual Integrations
APPROVED

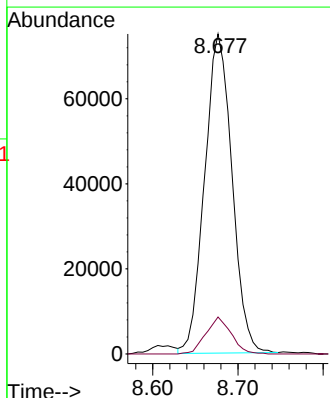
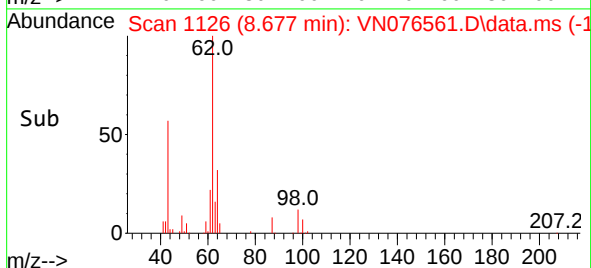
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

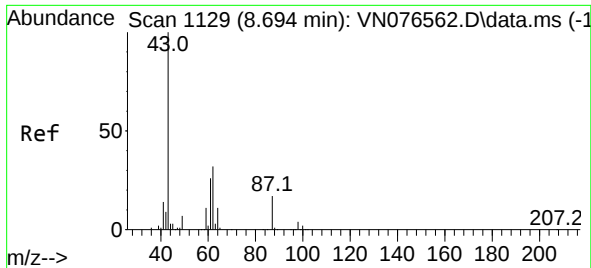


#42
1,2-Dichloroethane
Concen: 19.304 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55



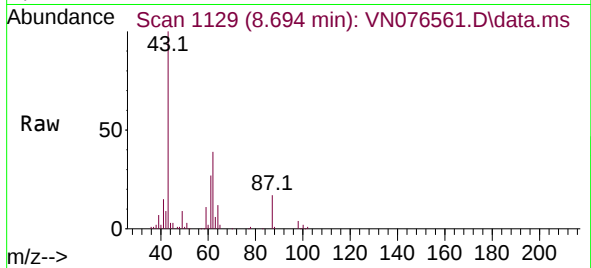
Tgt Ion: 62 Resp: 167772
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.6





#43
Isopropyl Acetate
Concen: 19.819 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

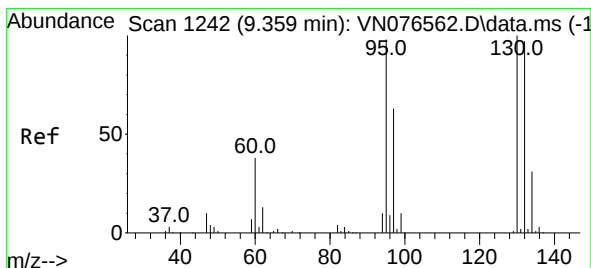
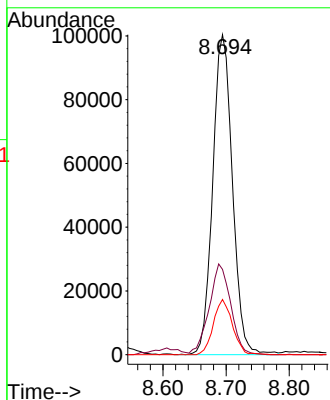
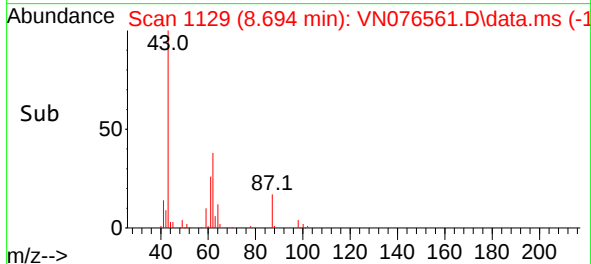
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 217578
Ion Ratio Lower Upper
43 100
61 30.9 24.5 36.7
87 16.7 13.6 20.4

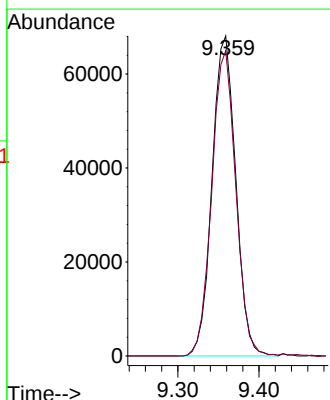
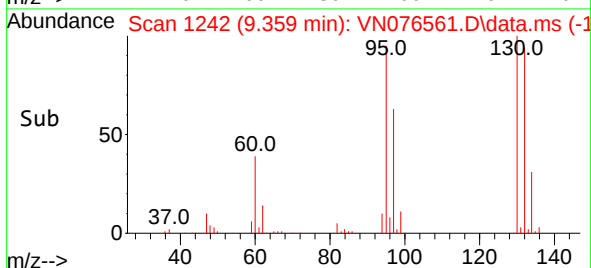
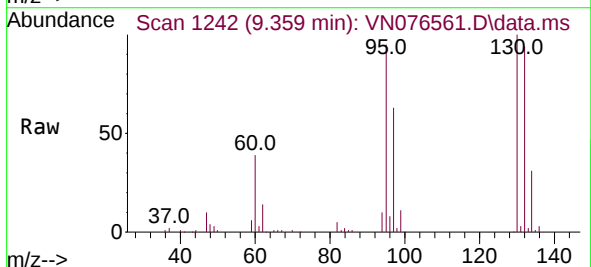
Manual Integrations
APPROVED

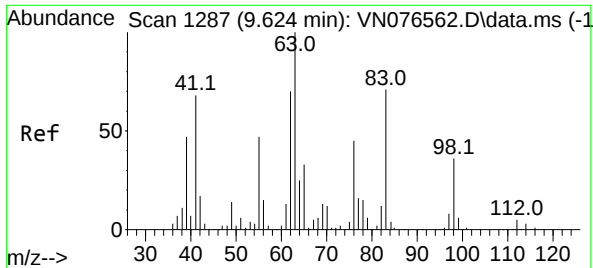
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#44
Trichloroethene
Concen: 19.344 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Tgt Ion:130 Resp: 137889
Ion Ratio Lower Upper
130 100
95 95.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.679 ug/l

RT: 9.623 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076561.D

Acq: 07 Feb 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 126169

Ion Ratio Lower Upper

63 100

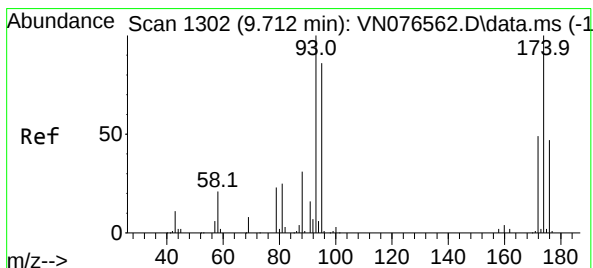
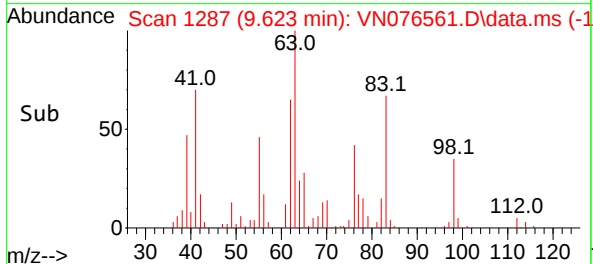
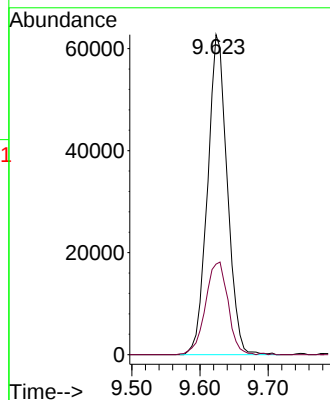
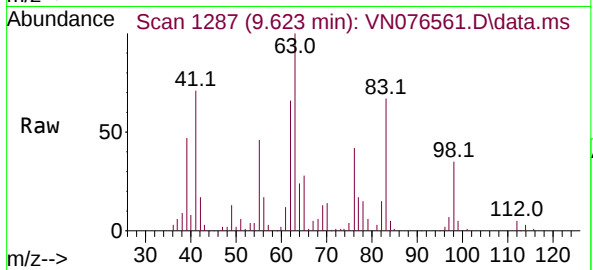
65 28.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#46

Dibromomethane

Concen: 18.887 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076561.D

Acq: 07 Feb 2023 12:55

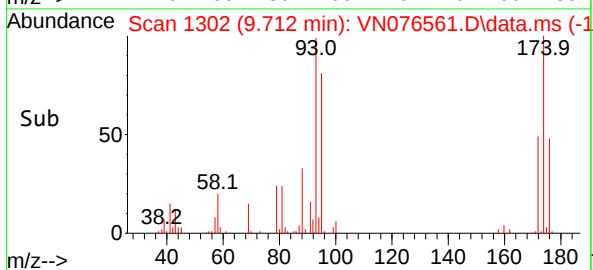
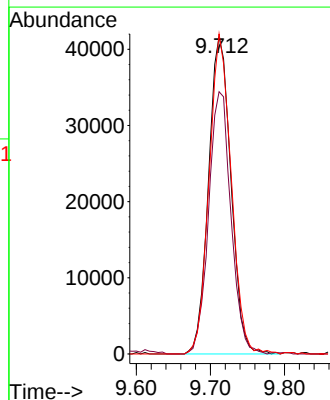
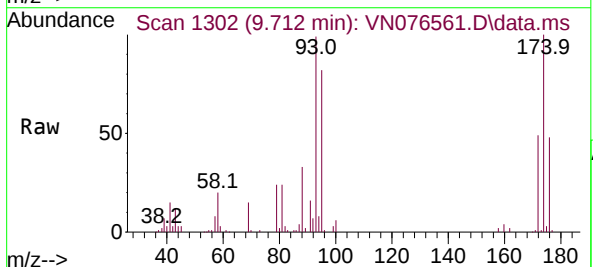
Tgt Ion: 93 Resp: 87350

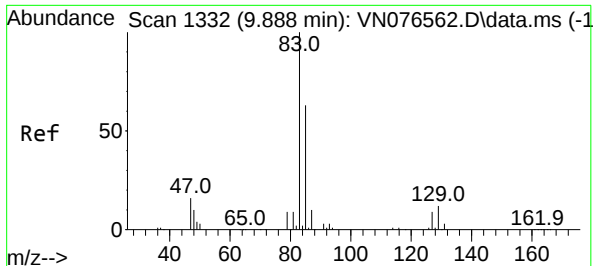
Ion Ratio Lower Upper

93 100

95 82.5 68.0 102.0

174 99.6 80.9 121.3





#47

Bromodichloromethane

Concen: 19.433 ug/l

RT: 9.894 min Scan# 1333

Delta R.T. 0.006 min

Lab File: VN076561.D

Acq: 07 Feb 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

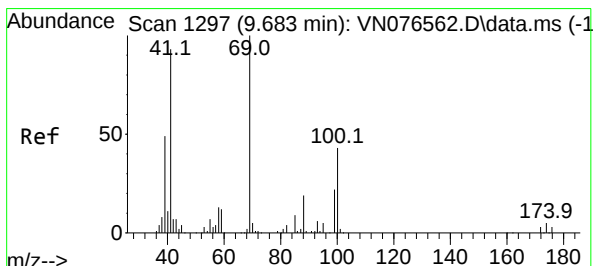
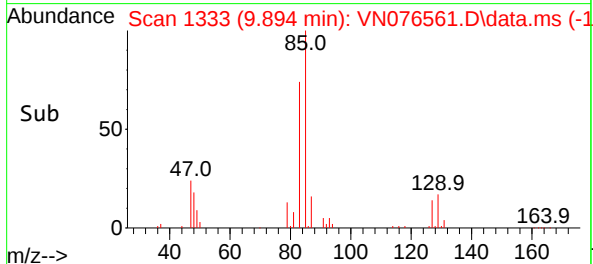
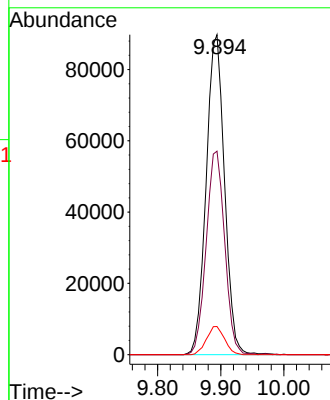
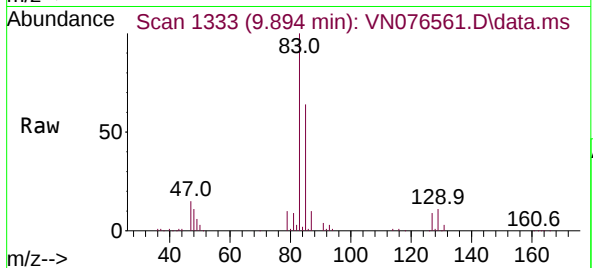
Tgt Ion: 83 Resp: 180732
 Ion Ratio Lower Upper
 83 100
 85 63.6 50.7 76.1
 127 8.8 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#48

Methyl methacrylate

Concen: 19.581 ug/l

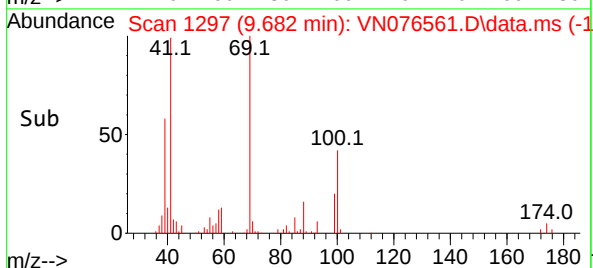
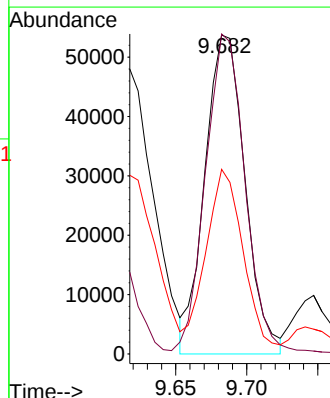
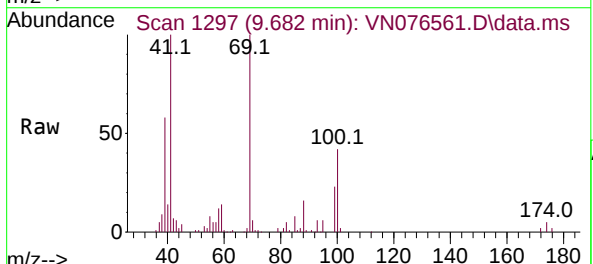
RT: 9.682 min Scan# 1297

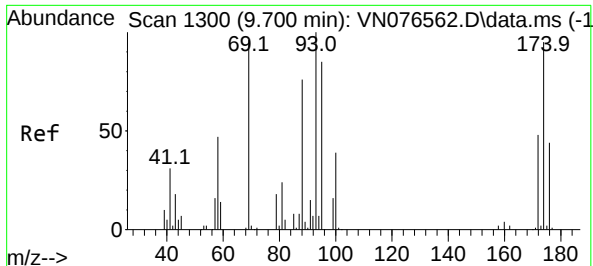
Delta R.T. -0.000 min

Lab File: VN076561.D

Acq: 07 Feb 2023 12:55

Tgt Ion: 41 Resp: 105720
 Ion Ratio Lower Upper
 41 100
 69 99.7 83.0 124.4
 39 54.8 43.8 65.8





#49

1,4-Dioxane

Concen: 390.284 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076561.D

Acq: 07 Feb 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 45070

Ion Ratio Lower Upper

88 100

43 0.0 16.7 25.1

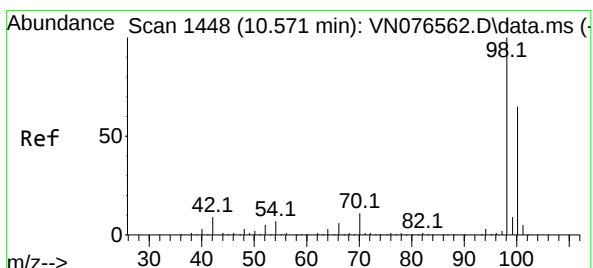
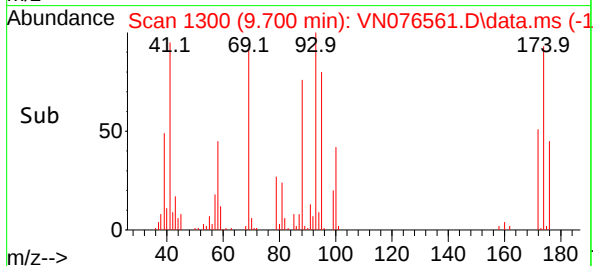
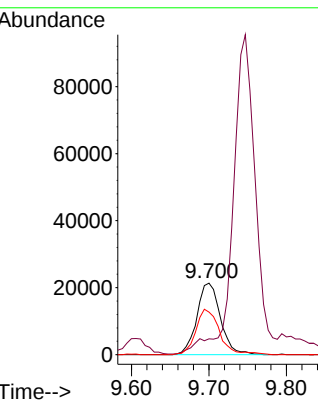
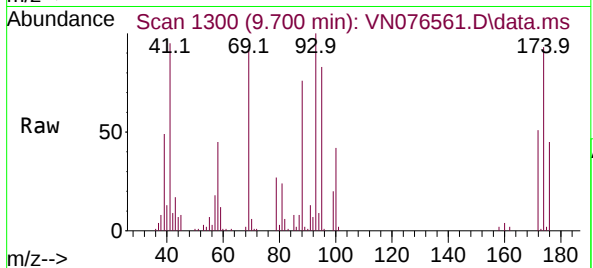
58 64.2 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#50

Toluene-d8

Concen: 18.222 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076561.D

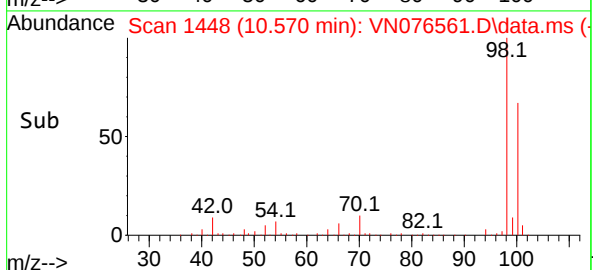
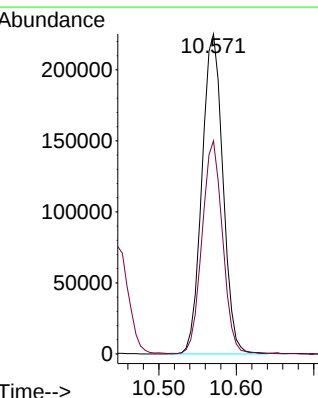
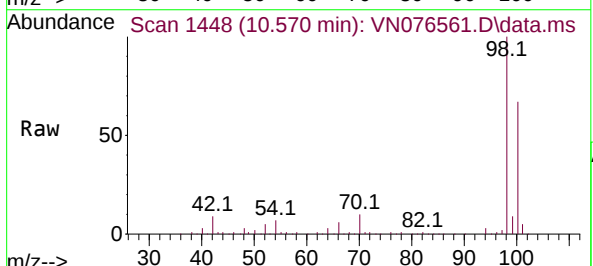
Acq: 07 Feb 2023 12:55

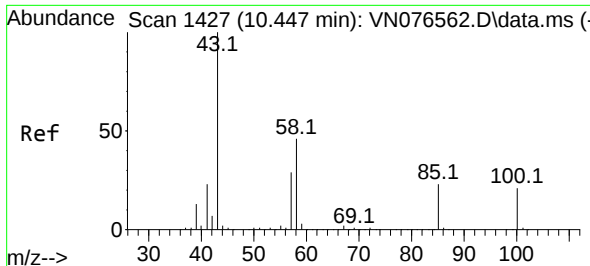
Tgt Ion: 98 Resp: 422813

Ion Ratio Lower Upper

98 100

100 65.0 52.9 79.3





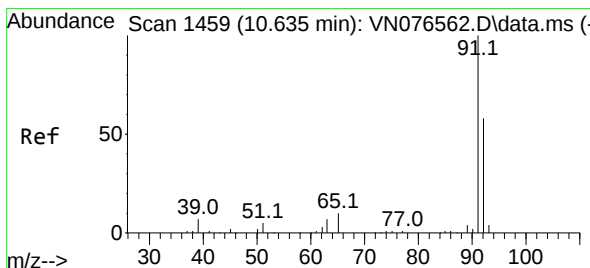
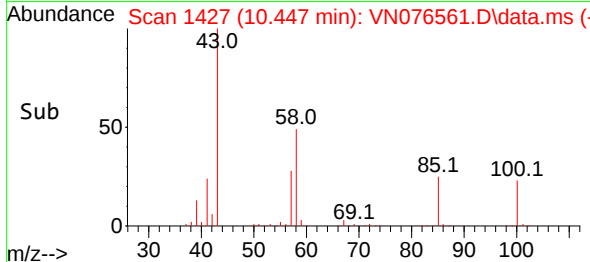
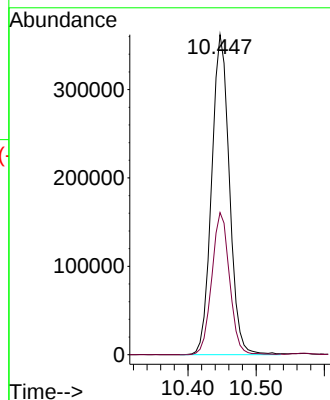
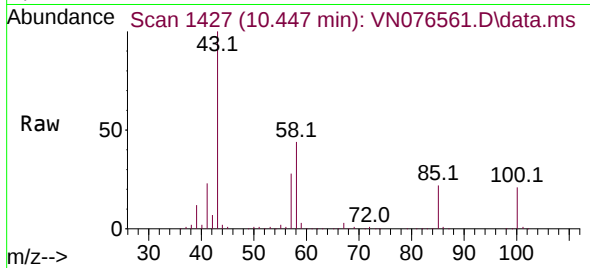
#51
4-Methyl-2-Pentanone
Concen: 99.646 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 657463
Ion Ratio Lower Upper
43 100
58 44.4 36.4 54.6

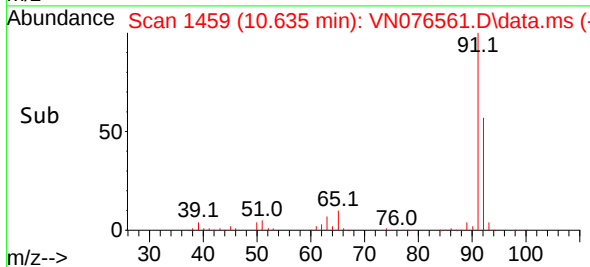
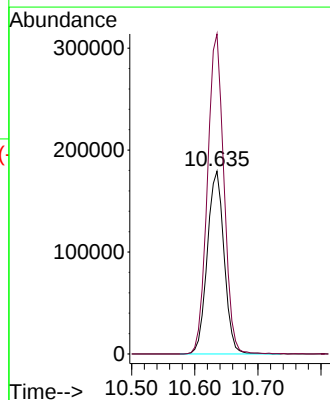
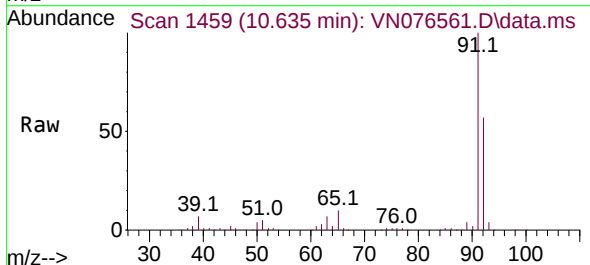
Manual Integrations
APPROVED

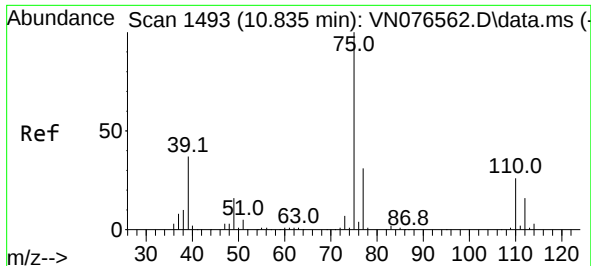
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#52
Toluene
Concen: 19.243 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Tgt Ion: 92 Resp: 331498
Ion Ratio Lower Upper
92 100
91 171.7 136.3 204.5





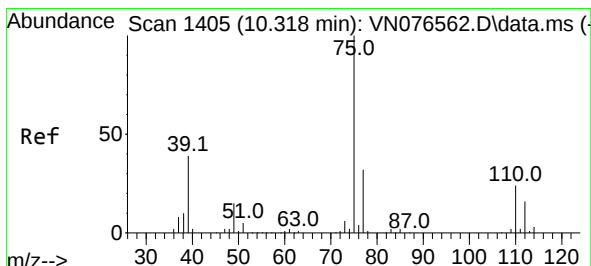
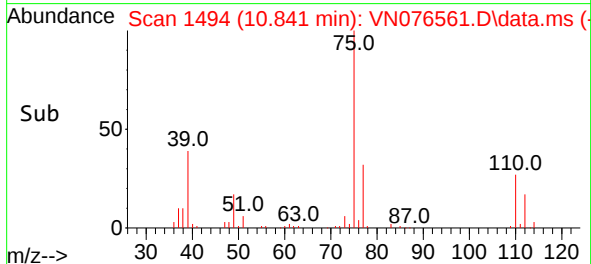
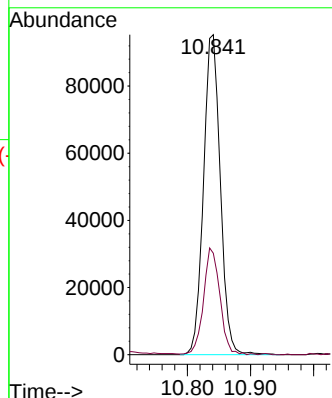
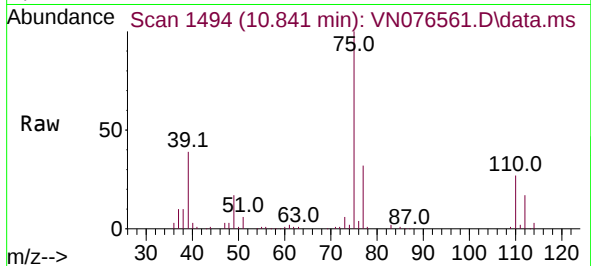
#53
t-1,3-Dichloropropene
Concen: 19.617 ug/l
RT: 10.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 17628
Ion Ratio Lower Upper
75 100
77 31.7 24.5 36.7

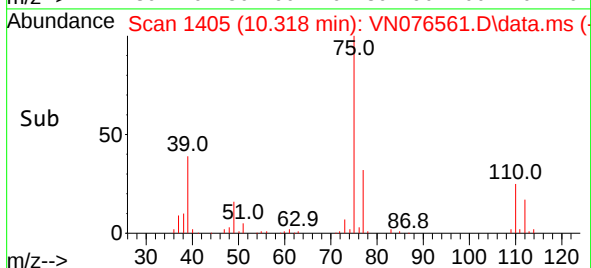
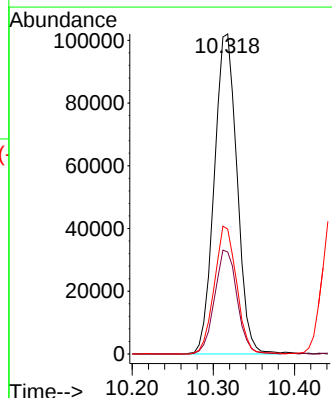
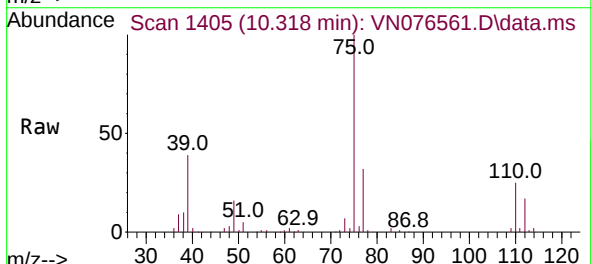
Manual Integrations
APPROVED

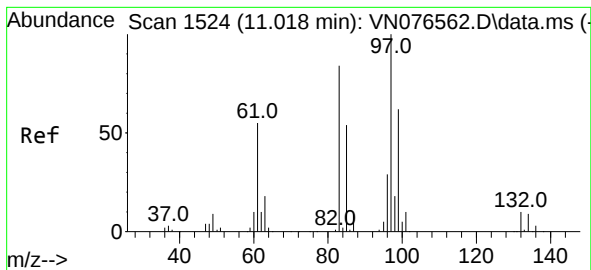
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#54
cis-1,3-Dichloropropene
Concen: 19.412 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

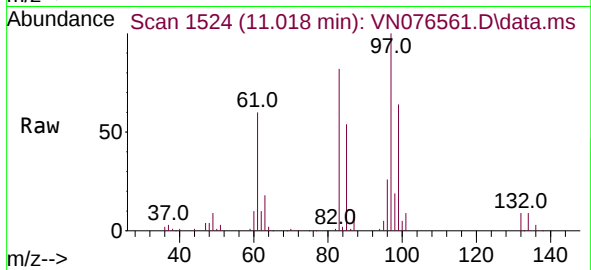
Tgt Ion: 75 Resp: 198918
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0
39 39.0 31.1 46.7





#55
1,1,2-Trichloroethane
Concen: 18.795 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

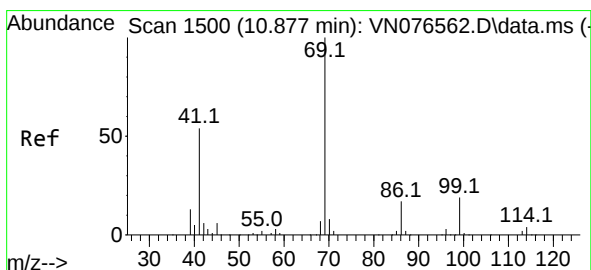
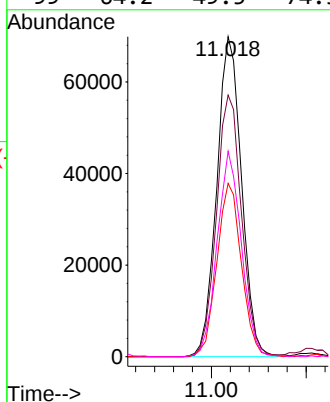
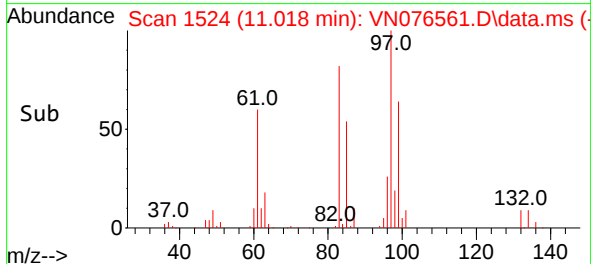
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 97 Resp: 126815
Ion Ratio Lower Upper
97 100
83 81.7 67.5 101.3
85 54.1 43.0 64.6
99 64.2 49.5 74.3

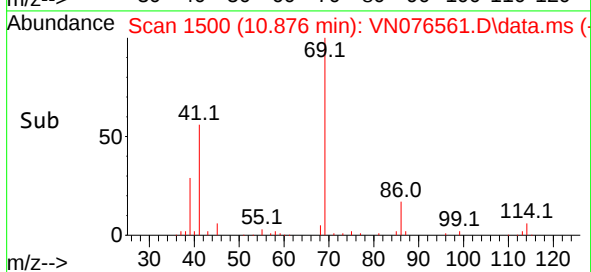
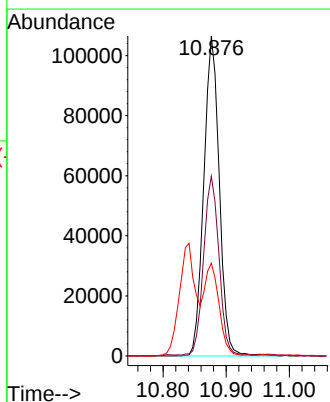
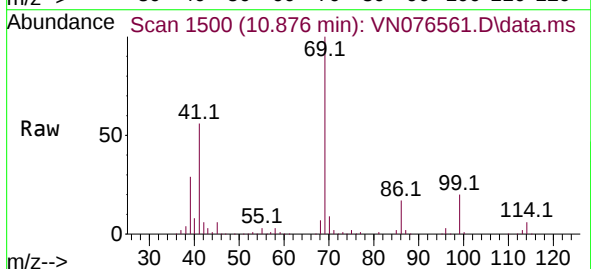
Manual Integrations
APPROVED

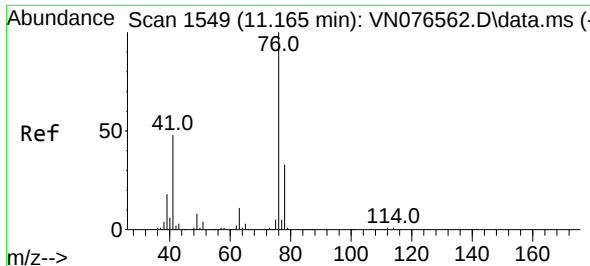
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#56
Ethyl methacrylate
Concen: 20.081 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Tgt Ion: 69 Resp: 181334
Ion Ratio Lower Upper
69 100
41 55.0 43.5 65.3
39 27.3 21.3 31.9





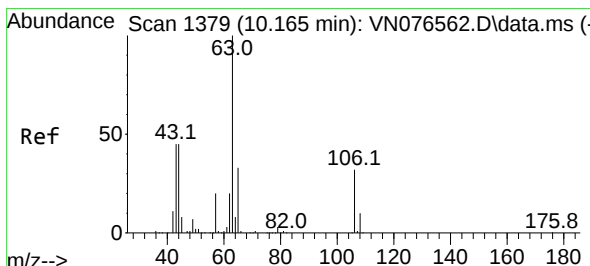
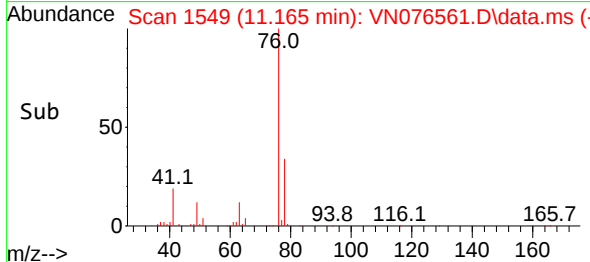
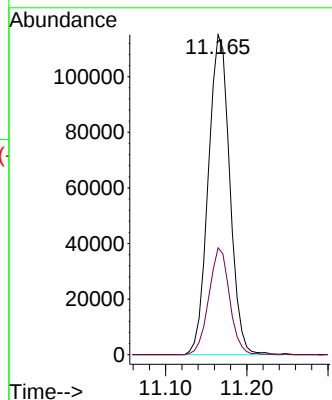
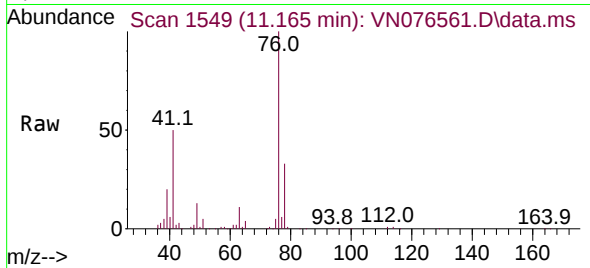
#57
1,3-Dichloropropane
Concen: 19.364 ug/l
RT: 11.165 min Scan# 11148
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 21148
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.4

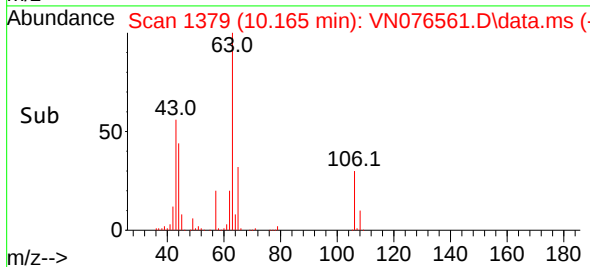
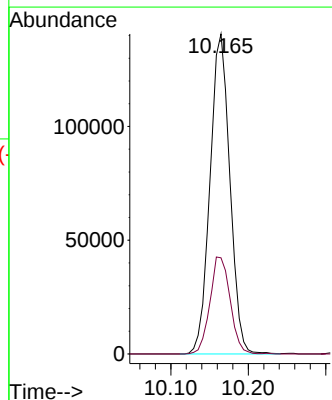
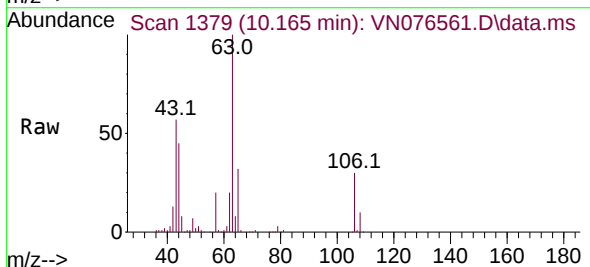
Manual Integrations
APPROVED

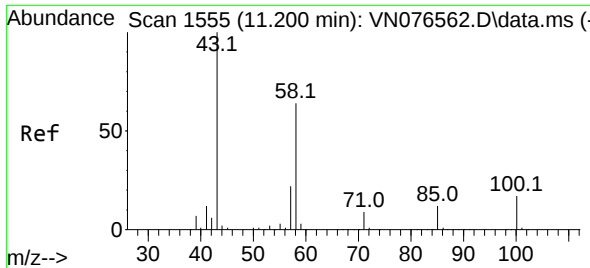
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#58
2-Chloroethyl Vinyl ether
Concen: 96.960 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

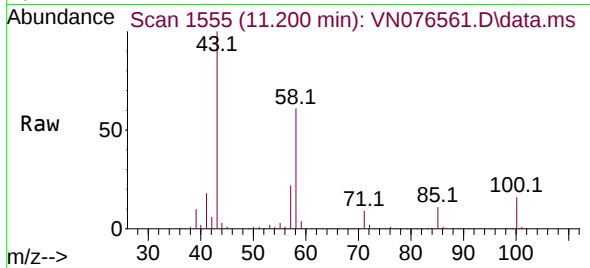
Tgt Ion: 63 Resp: 250214
Ion Ratio Lower Upper
63 100
106 30.9 25.6 38.4





#59
2-Hexanone
Concen: 99.962 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

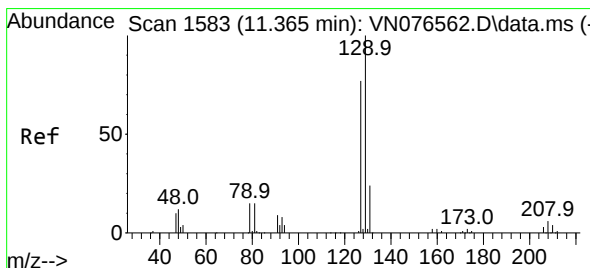
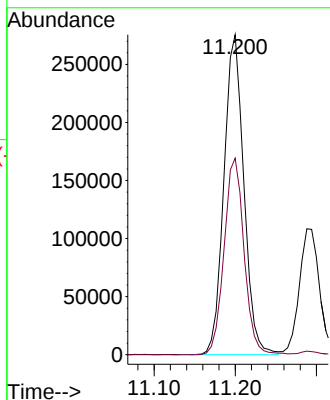
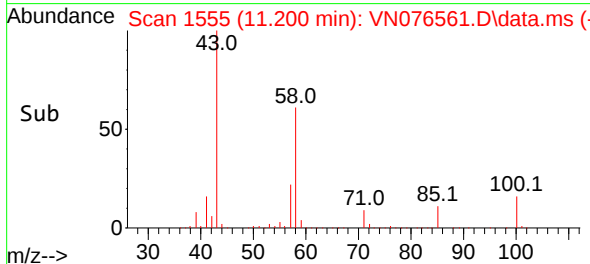
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 470204
Ion Ratio Lower Upper
43 100
58 61.5 31.8 95.4

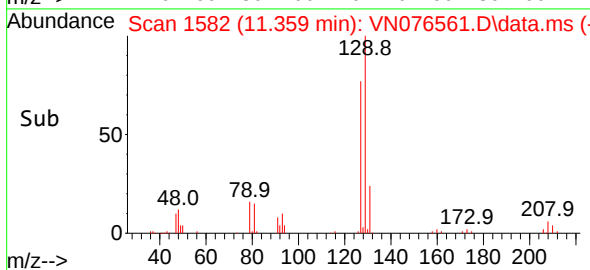
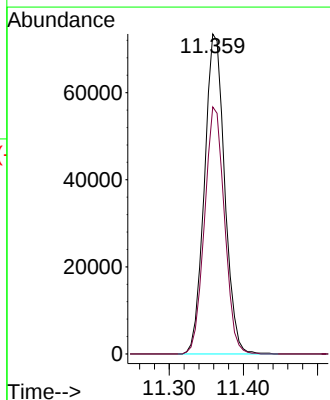
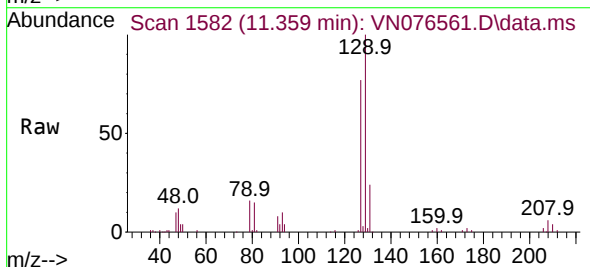
Manual Integrations
APPROVED

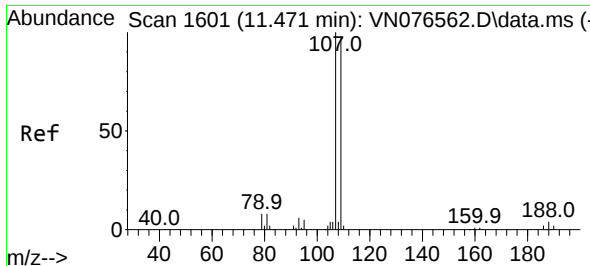
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#60
Dibromochloromethane
Concen: 19.534 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.006 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Tgt Ion:129 Resp: 138897
Ion Ratio Lower Upper
129 100
127 76.2 38.9 116.7





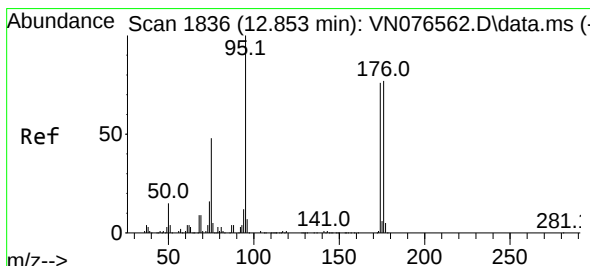
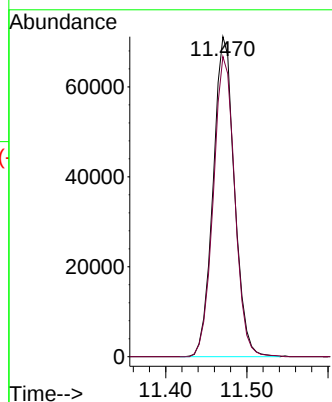
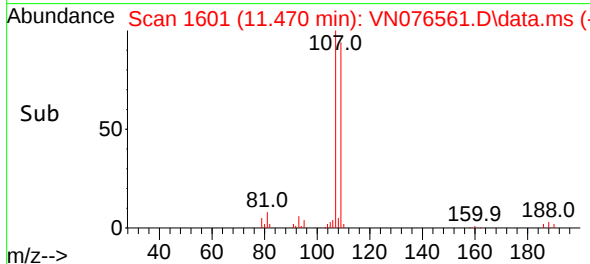
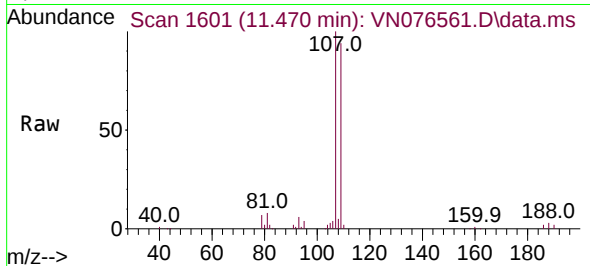
#61
1,2-Dibromoethane
Concen: 19.422 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 129718
Ion Ratio Lower Upper
107 100
109 94.4 75.4 113.0

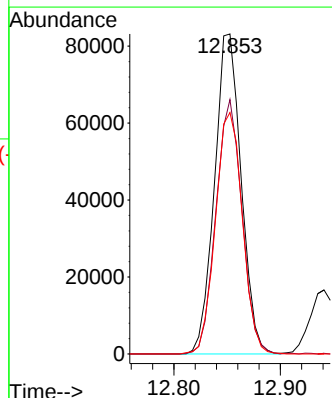
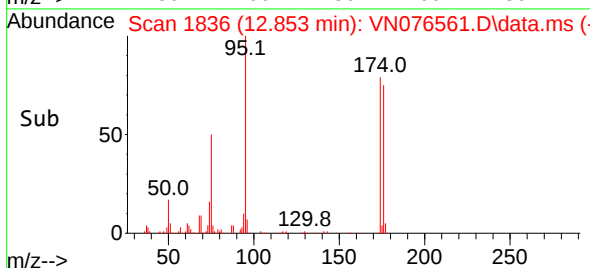
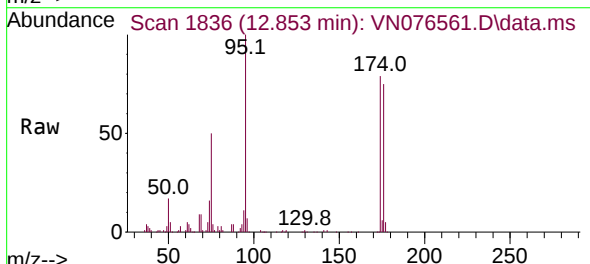
Manual Integrations
APPROVED

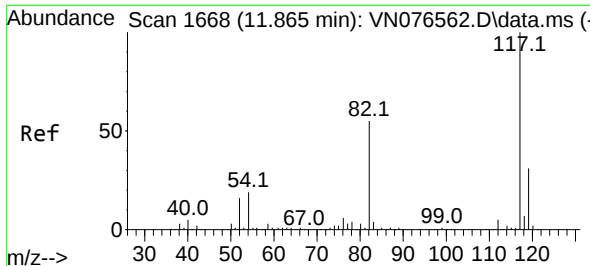
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#62
4-Bromofluorobenzene
Concen: 17.707 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

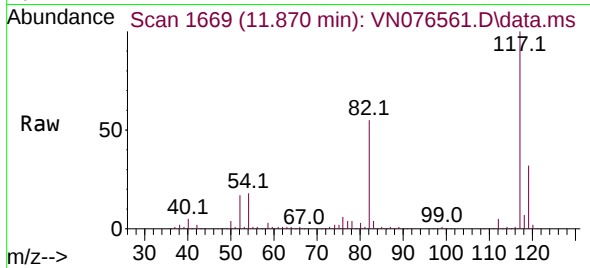
Tgt Ion: 95 Resp: 144744
Ion Ratio Lower Upper
95 100
174 77.5 0.0 154.0
176 76.3 0.0 152.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1668
Delta R.T. 0.006 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

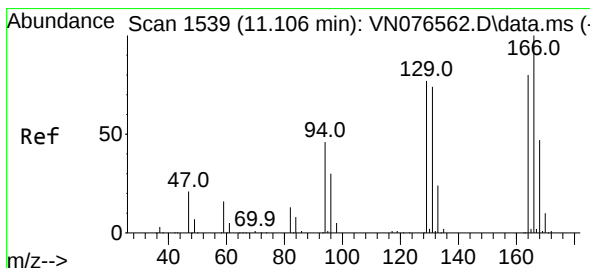
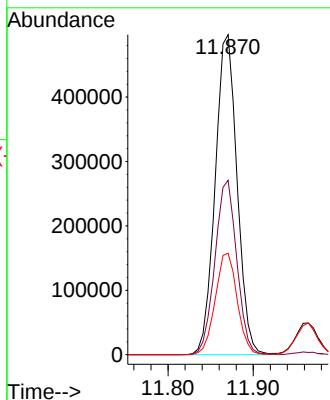
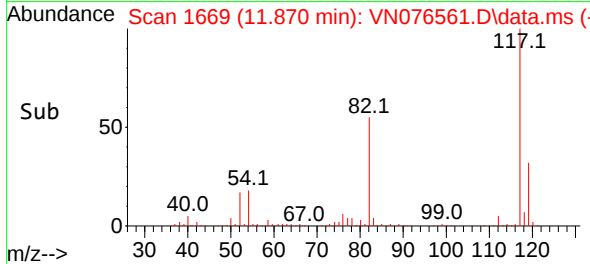
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 88936
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.4
119 31.7 25.1 37.7

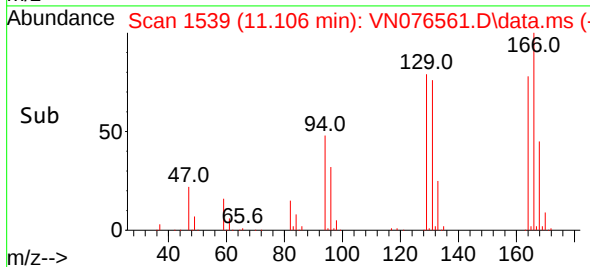
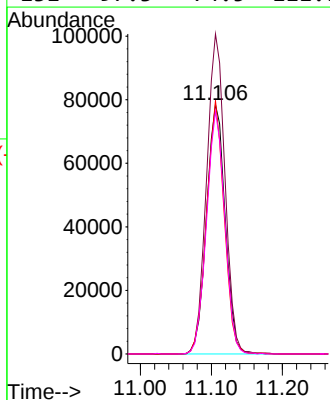
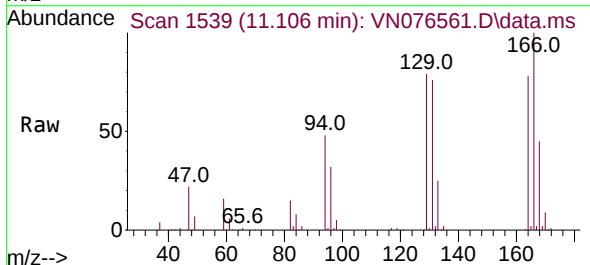
Manual Integrations
APPROVED

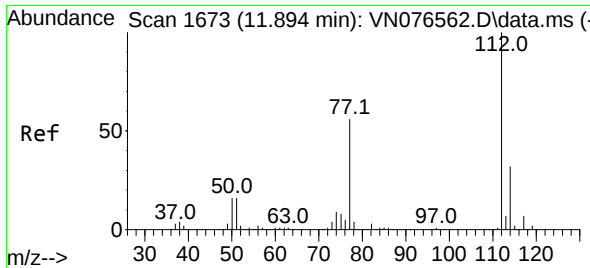
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#64
Tetrachloroethene
Concen: 19.376 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Tgt Ion:164 Resp: 143492
Ion Ratio Lower Upper
164 100
166 128.4 100.2 150.4
129 101.7 76.8 115.2
131 97.3 74.5 111.7





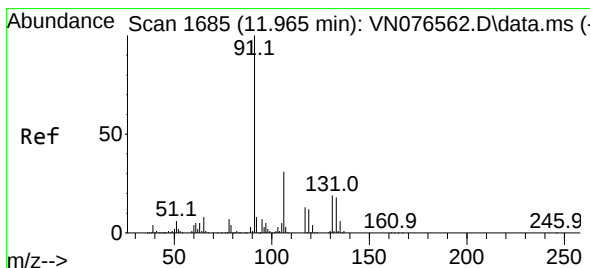
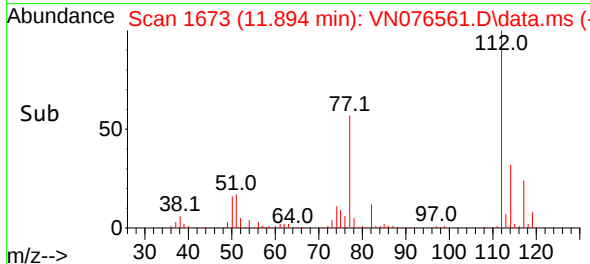
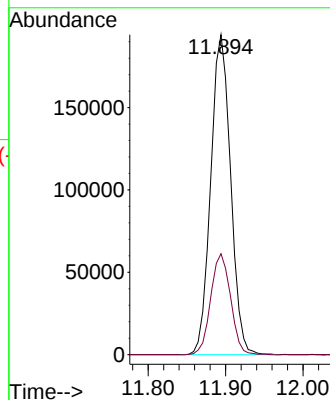
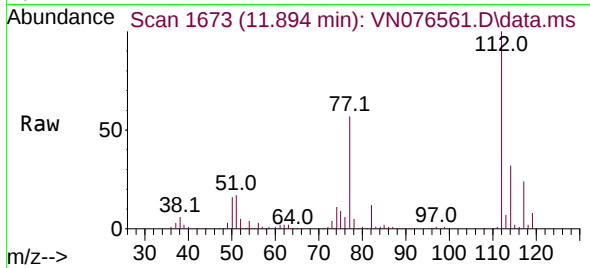
#65
Chlorobenzene
Concen: 18.828 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 34629
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9

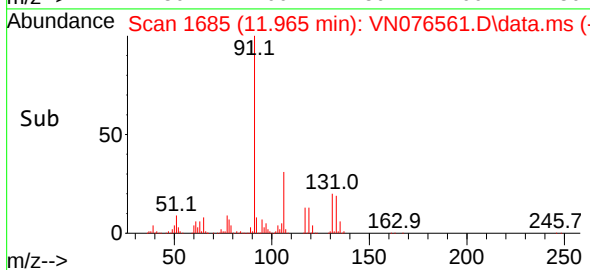
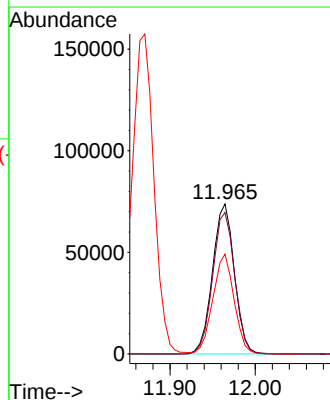
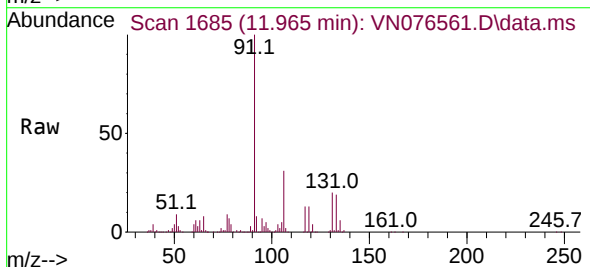
Manual Integrations
APPROVED

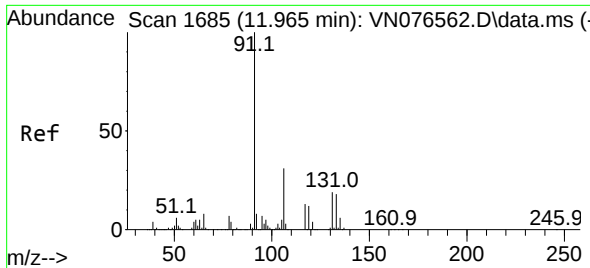
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.304 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

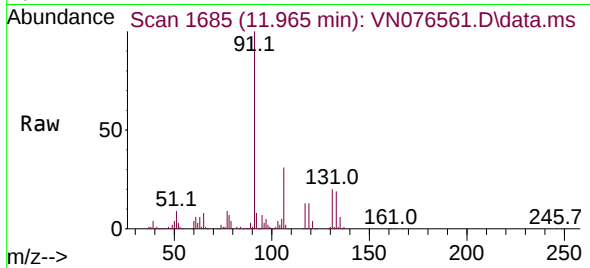
Tgt Ion:131 Resp: 131475
Ion Ratio Lower Upper
131 100
133 94.8 48.0 144.2
119 64.8 32.4 97.0





#67
Ethyl Benzene
Concen: 19.292 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

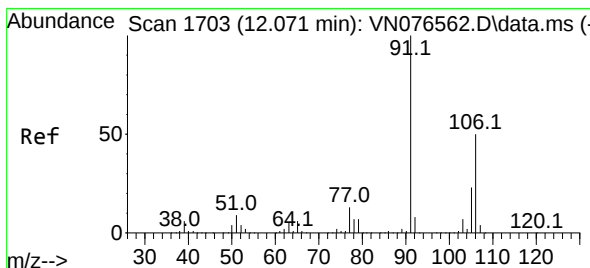
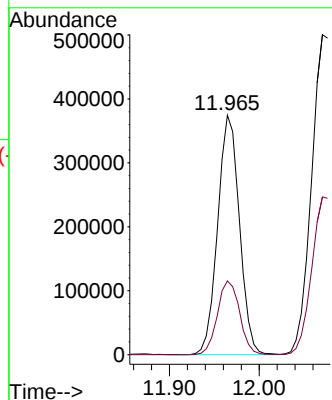
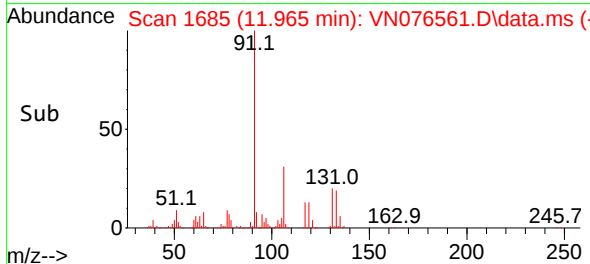
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



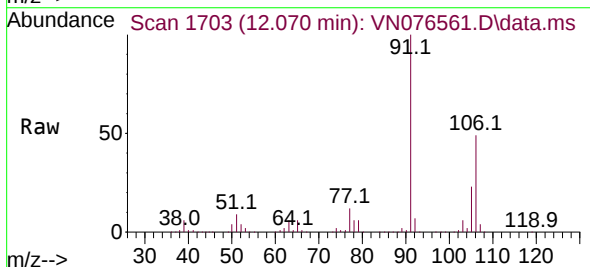
Tgt Ion: 91 Resp: 630579
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3

Manual Integrations
APPROVED

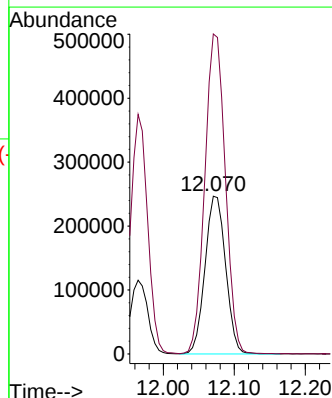
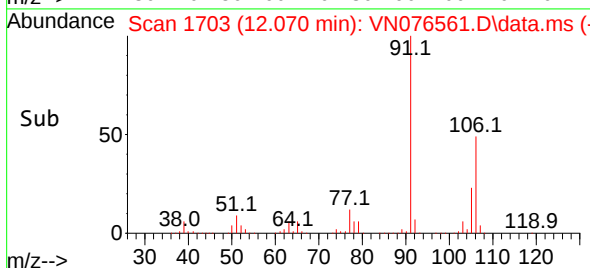
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

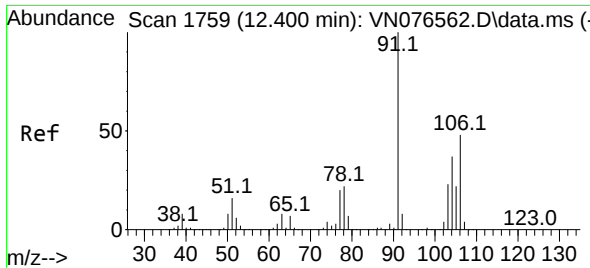


#68
m/p-Xylenes
Concen: 39.131 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55



Tgt Ion:106 Resp: 498320
Ion Ratio Lower Upper
106 100
91 201.7 160.2 240.4





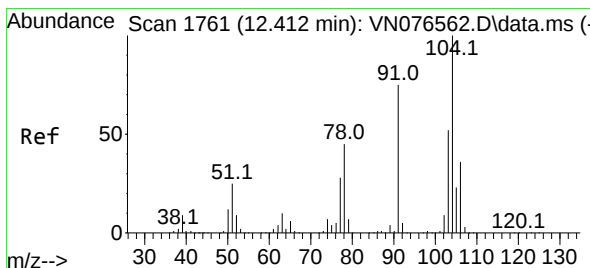
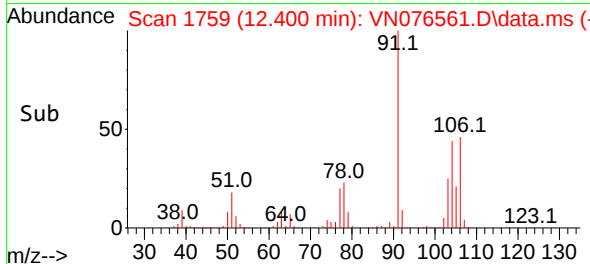
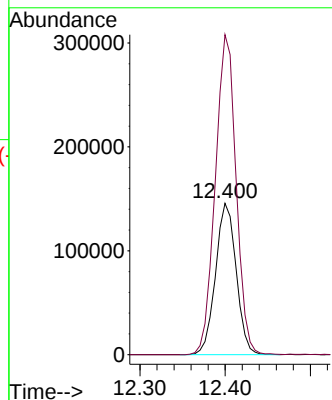
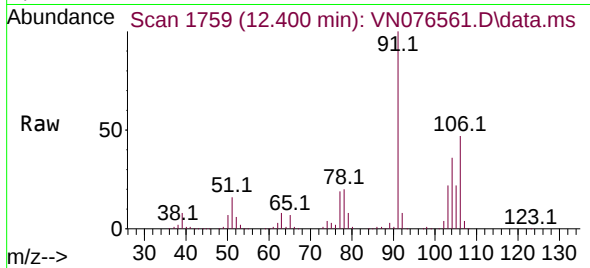
#69
o-Xylene
Concen: 19.685 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 24548
Ion Ratio Lower Upper
106 100
91 213.0 106.2 318.5

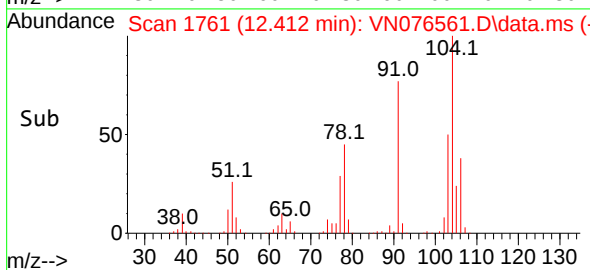
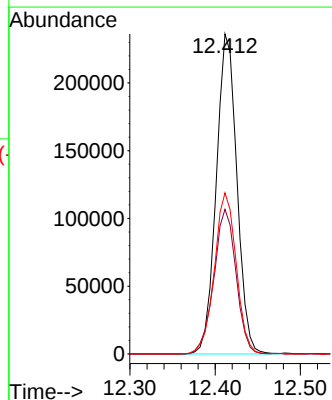
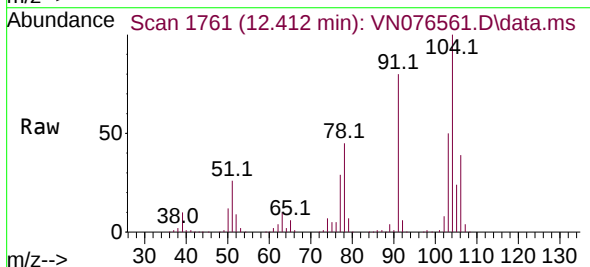
Manual Integrations
APPROVED

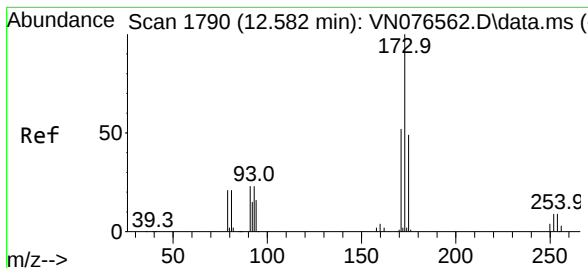
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#70
Styrene
Concen: 20.062 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Tgt Ion:104 Resp: 397901
Ion Ratio Lower Upper
104 100
78 48.4 38.2 57.4
103 53.4 43.7 65.5





#71

Bromoform

Concen: 19.373 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VN076561.D

Acq: 07 Feb 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

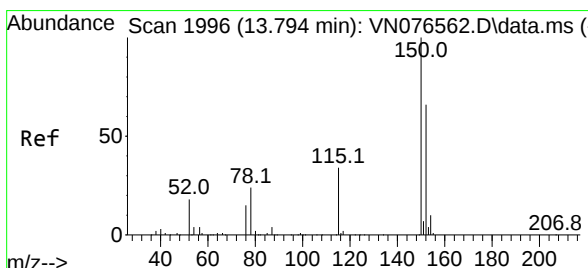
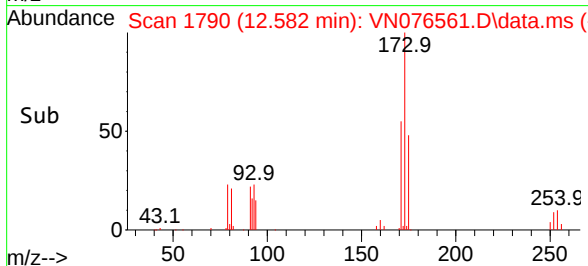
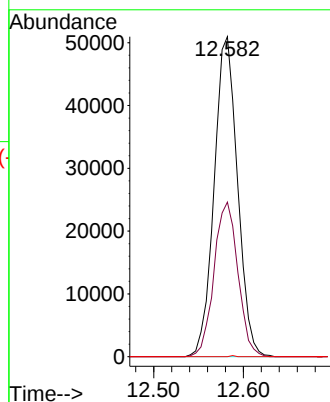
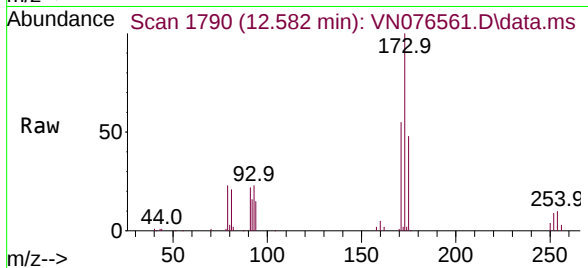
Tgt Ion:173	Resp:	92100
Ion Ratio	Lower	Upper
173	100	
175	49.4	24.8 74.3
254	0.1	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

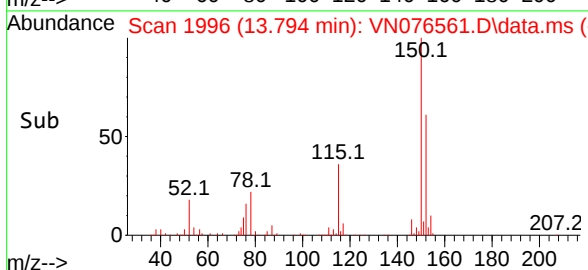
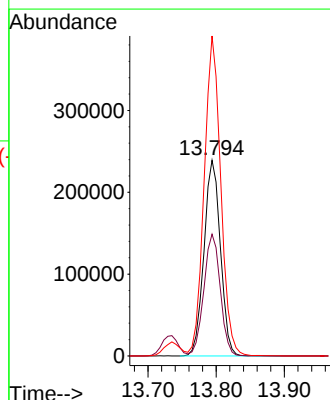
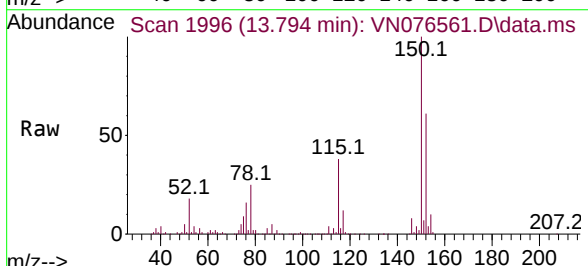
RT: 13.794 min Scan# 1996

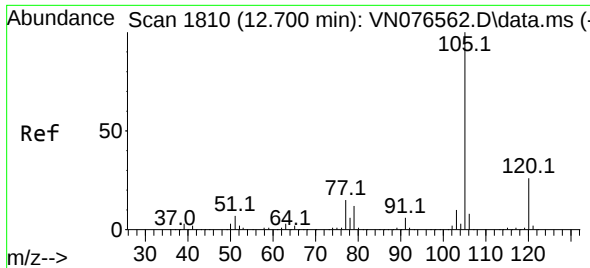
Delta R.T. -0.000 min

Lab File: VN076561.D

Acq: 07 Feb 2023 12:55

Tgt Ion:152	Resp:	401188
Ion Ratio	Lower	Upper
152	100	
115	62.2	30.8 92.3
150	165.2	0.0 348.8





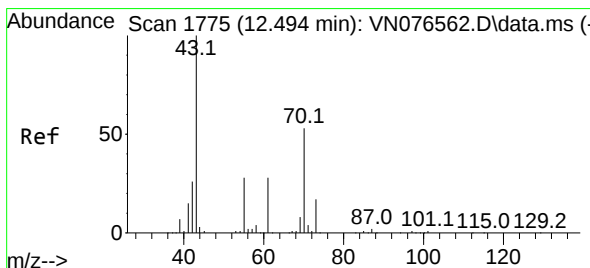
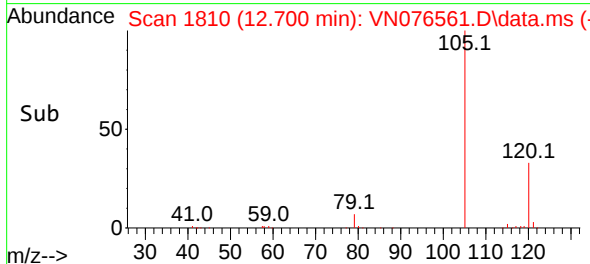
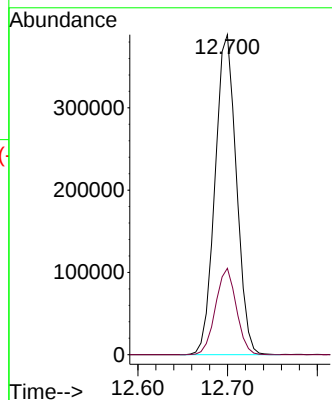
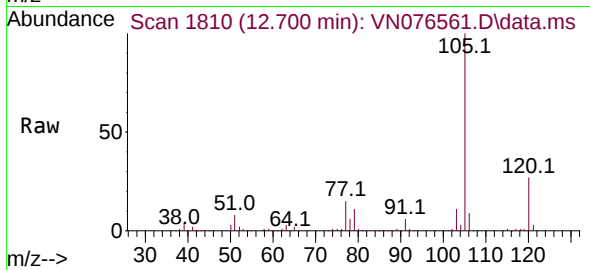
#73
Isopropylbenzene
Concen: 19.547 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:105 Resp: 642230
Ion Ratio Lower Upper
105 100
120 26.2 13.0 39.0

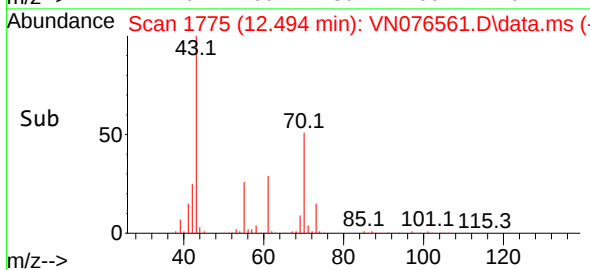
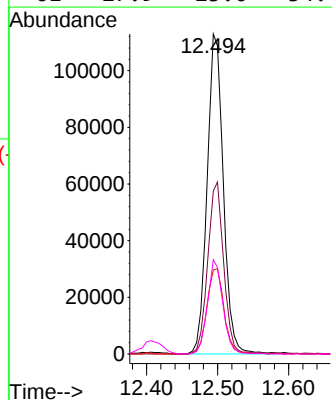
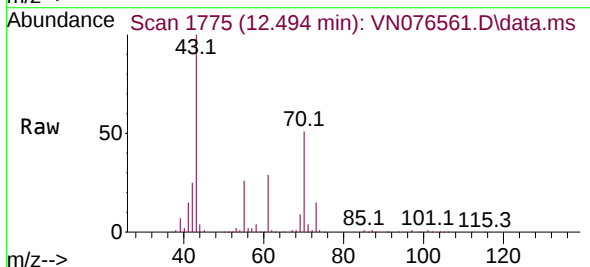
Manual Integrations
APPROVED

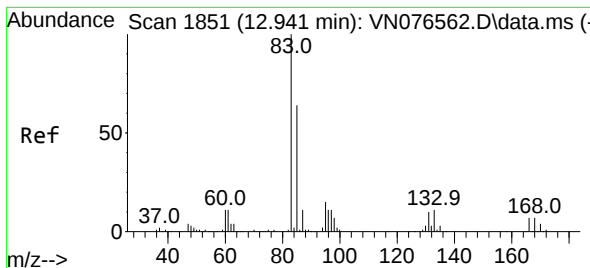
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#74
N-ethyl acetate
Concen: 19.607 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

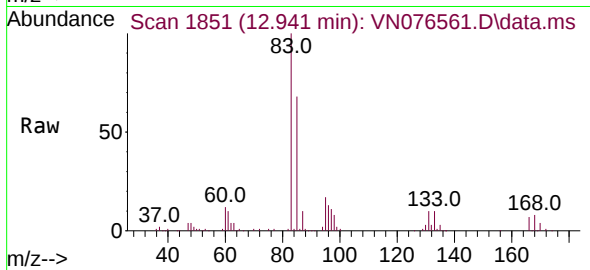
Tgt Ion: 43 Resp: 179651
Ion Ratio Lower Upper
43 100
70 52.7 43.1 64.7
55 28.1 22.4 33.6
61 27.9 23.0 34.4





#75
1,1,2,2-Tetrachloroethane
Concen: 19.021 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

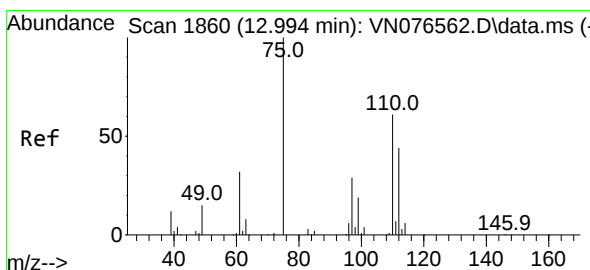
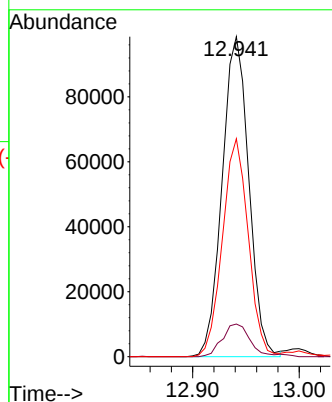
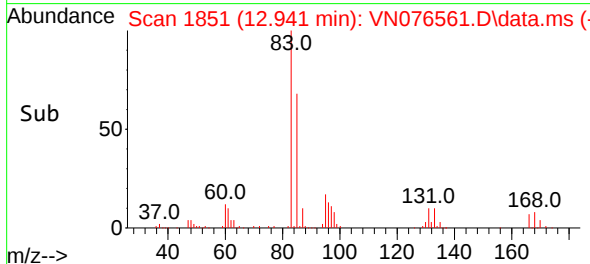
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 171290
Ion Ratio Lower Upper
83 100
131 10.9 5.3 16.1
85 65.9 32.4 97.0

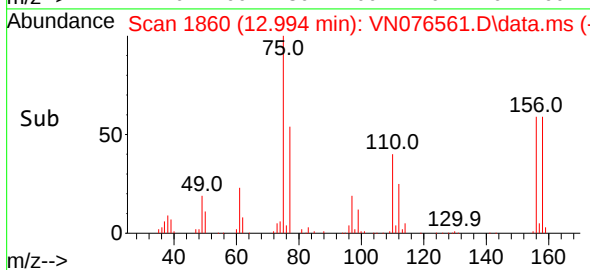
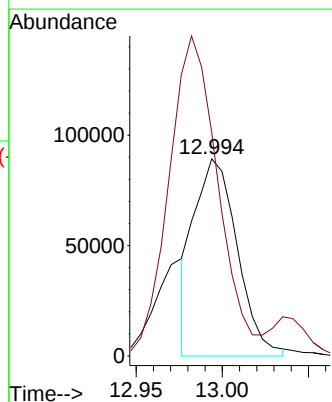
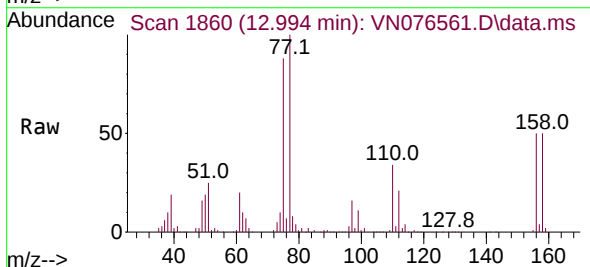
Manual Integrations
APPROVED

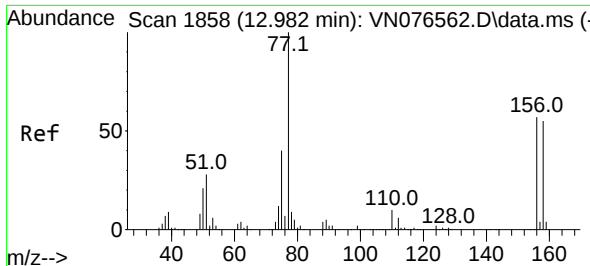
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#76
1,2,3-Trichloropropane
Concen: 19.597 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

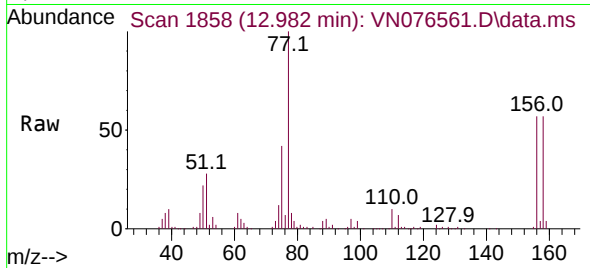
Tgt Ion: 75 Resp: 155563
Ion Ratio Lower Upper
75 100
77 185.4 87.5 262.5





#77
Bromobenzene
Concen: 18.782 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

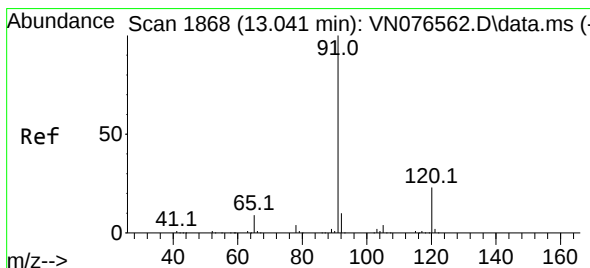
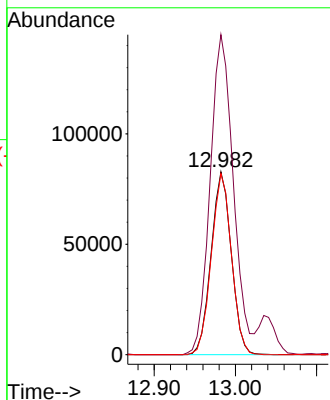
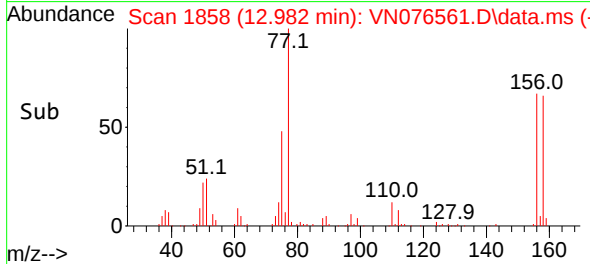
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:156 Resp: 143539
Ion Ratio Lower Upper
156 100
77 200.9 101.6 304.9
158 98.2 48.9 146.7

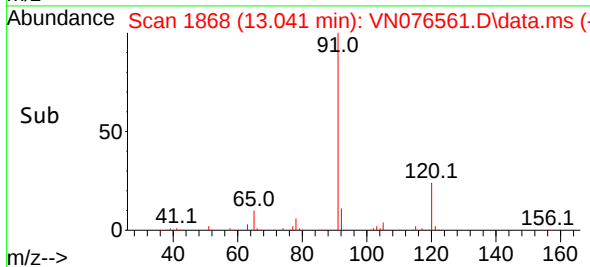
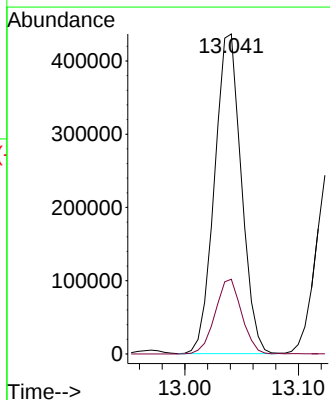
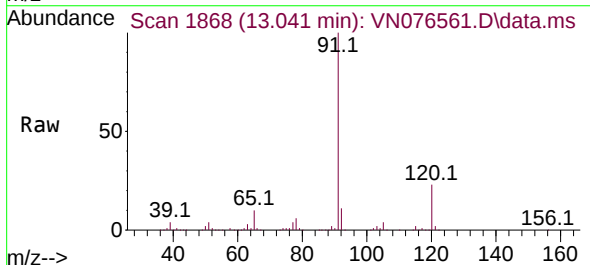
Manual Integrations
APPROVED

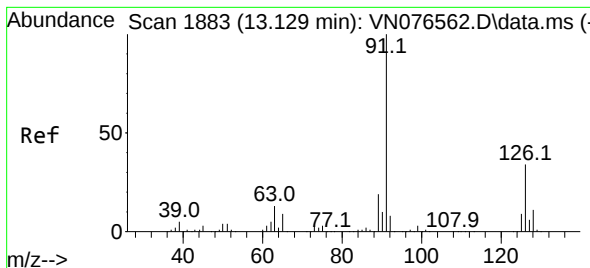
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#78
n-propylbenzene
Concen: 19.765 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Tgt Ion: 91 Resp: 715057
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8





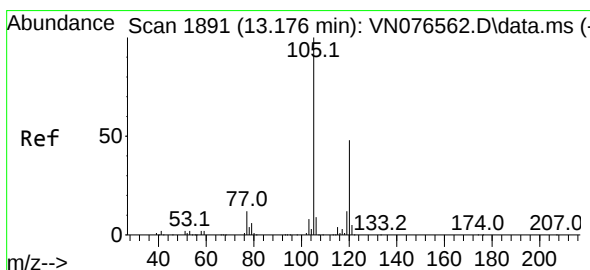
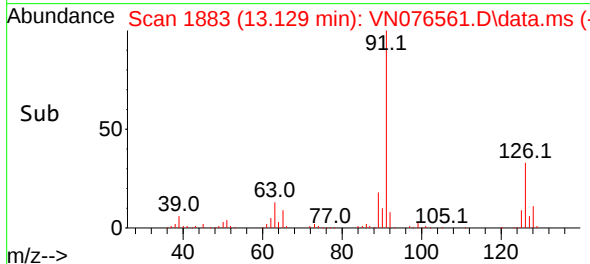
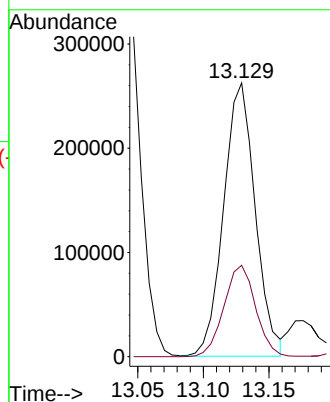
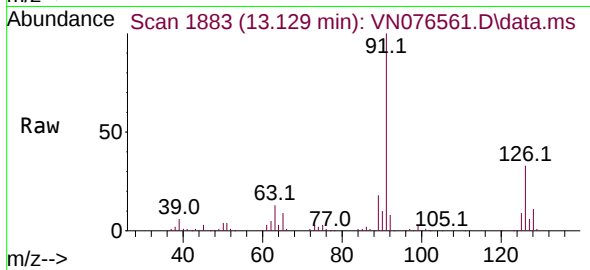
#79
2-Chlorotoluene
Concen: 19.107 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 440354
Ion Ratio Lower Upper
91 100
126 33.5 16.8 50.3

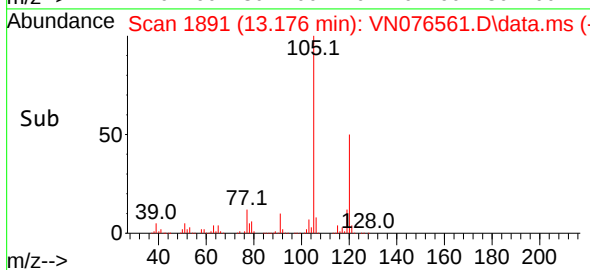
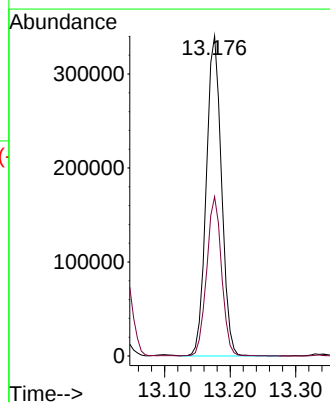
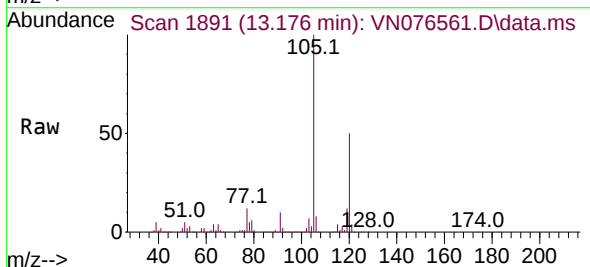
Manual Integrations
APPROVED

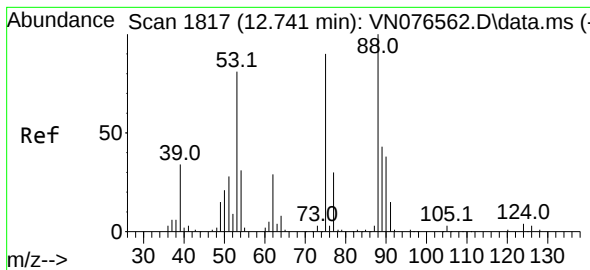
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.150 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

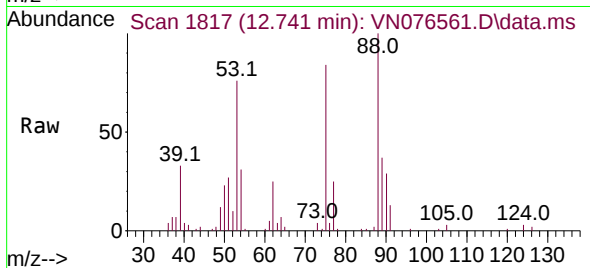
Tgt Ion:105 Resp: 549465
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 19.437 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

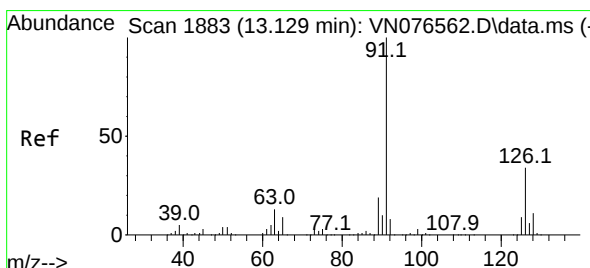
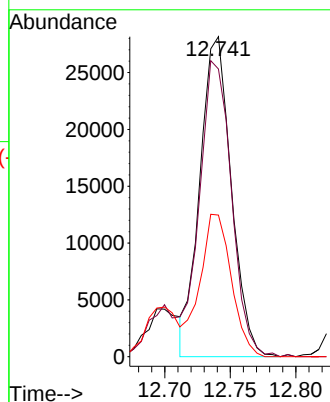
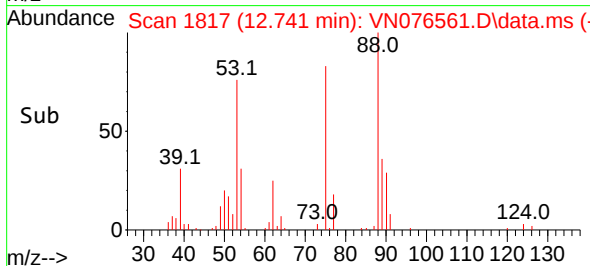
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



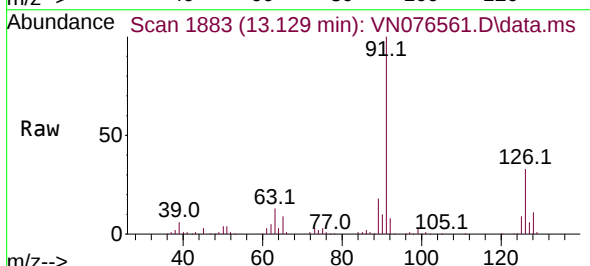
Tgt Ion: 75 Resp: 4687
Ion Ratio Lower Upper
75 100
53 96.6 77.1 115.7
89 45.1 41.5 62.3

Manual Integrations
APPROVED

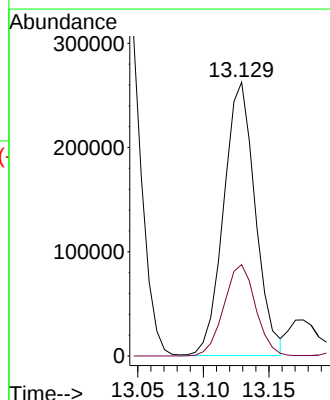
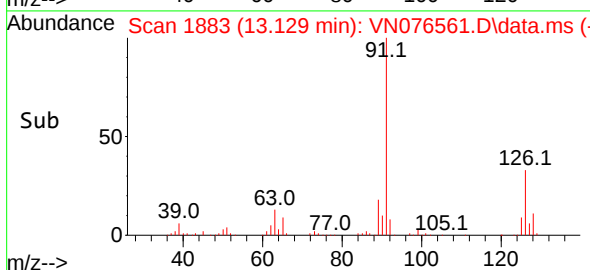
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

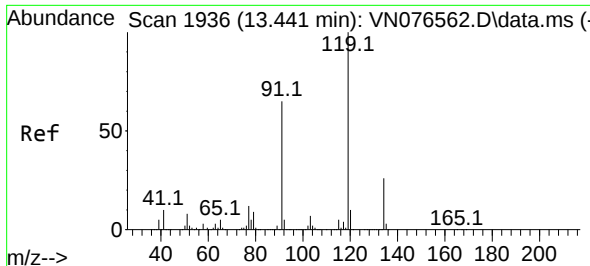


#82
4-Chlorotoluene
Concen: 19.107 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55



Tgt Ion: 91 Resp: 440354
Ion Ratio Lower Upper
91 100
126 33.5 16.8 50.3





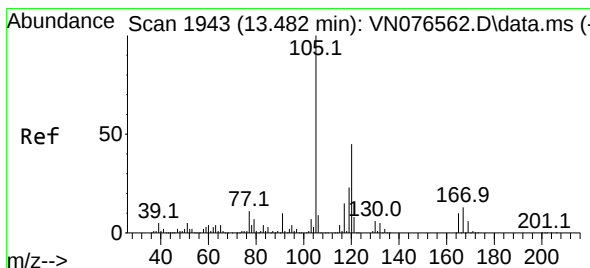
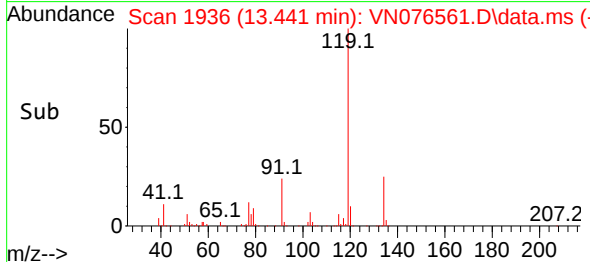
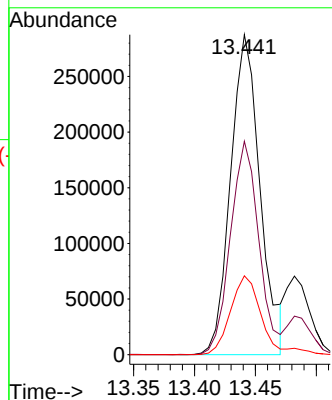
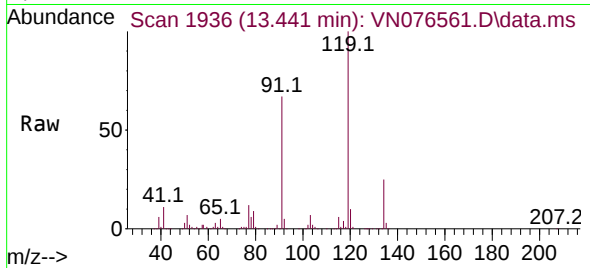
#83
tert-Butylbenzene
Concen: 19.847 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 48475
Ion Ratio Lower Upper
119 100
91 64.5 33.2 99.6
134 26.0 13.4 40.1

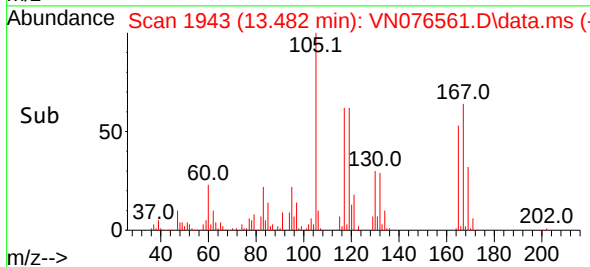
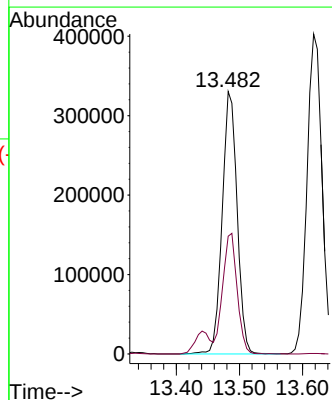
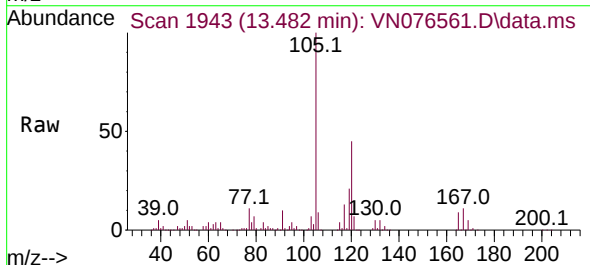
Manual Integrations
APPROVED

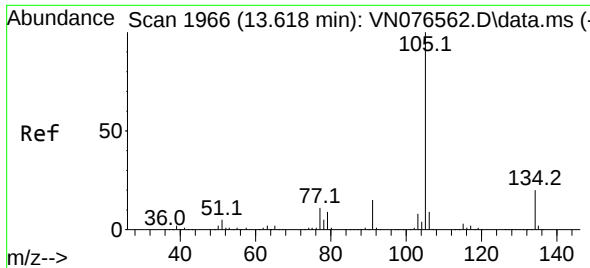
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.014 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

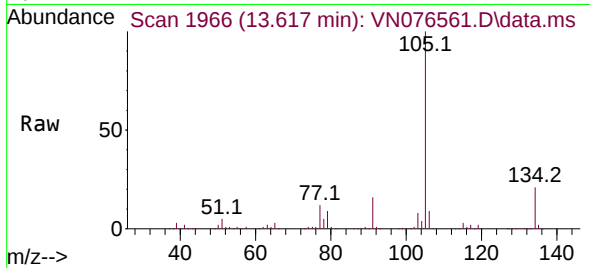
Tgt Ion:105 Resp: 543123
Ion Ratio Lower Upper
105 100
120 44.6 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 20.094 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076561.D
 Acq: 07 Feb 2023 12:55

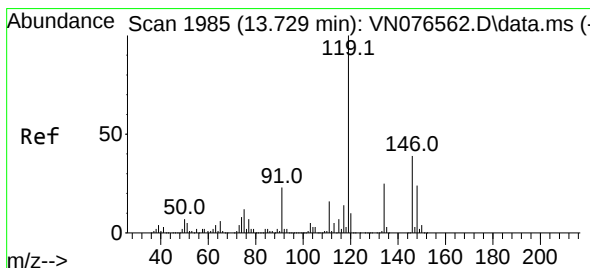
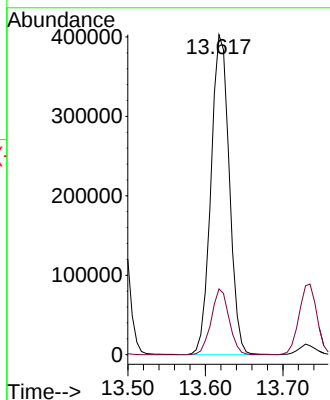
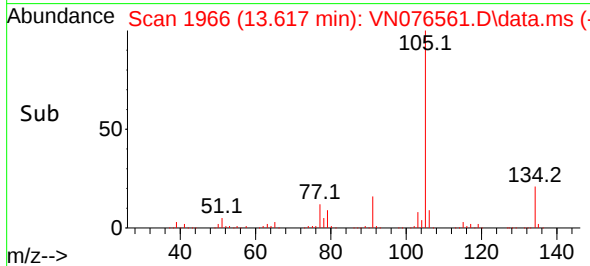
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



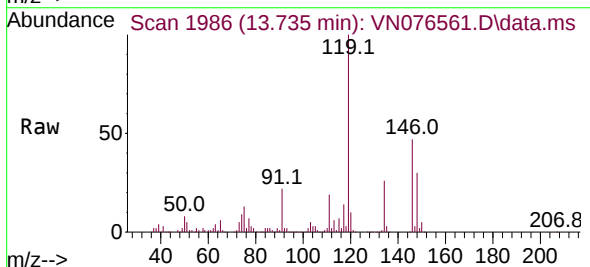
Tgt Ion:105 Resp: 66182
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1

Manual Integrations
 APPROVED

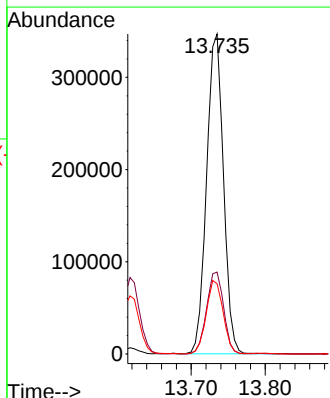
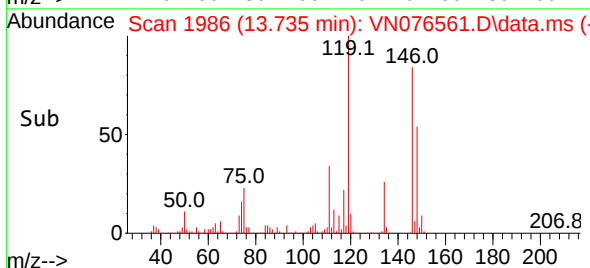
Reviewed By :John Carlone 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023

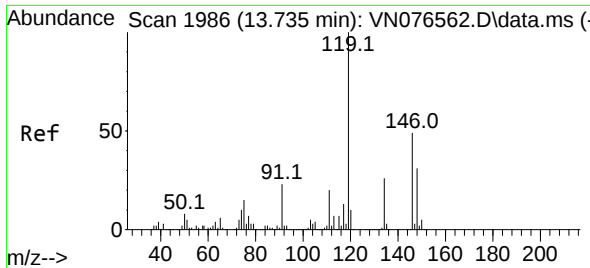


#86
 p-Isopropyltoluene
 Concen: 20.288 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076561.D
 Acq: 07 Feb 2023 12:55



Tgt Ion:119 Resp: 547601
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.4
 91 23.2 11.5 34.4





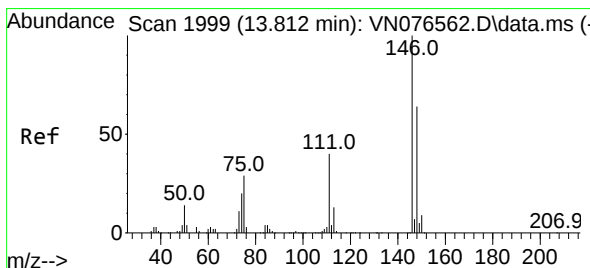
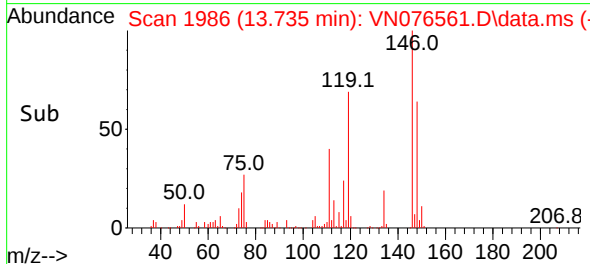
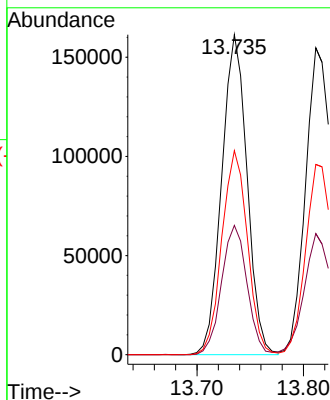
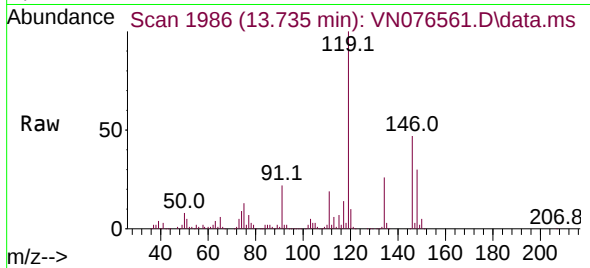
#87
1,3-Dichlorobenzene
Concen: 18.984 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 26703
Ion Ratio Lower Upper
146 100
111 40.5 20.3 61.0
148 64.2 31.5 94.5

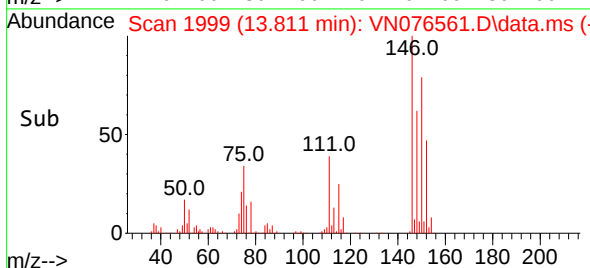
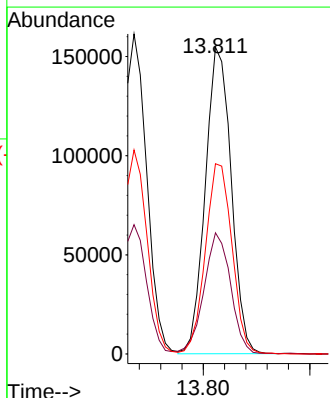
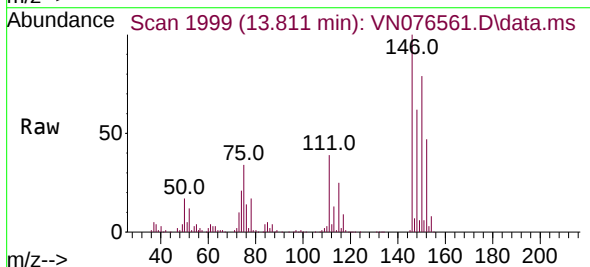
Manual Integrations
APPROVED

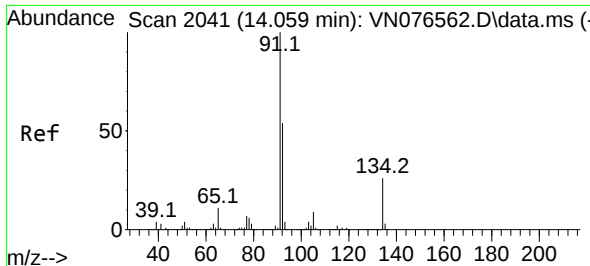
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#88
1,4-Dichlorobenzene
Concen: 18.285 ug/l
RT: 13.811 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Tgt Ion:146 Resp: 261266
Ion Ratio Lower Upper
146 100
111 40.4 19.8 59.4
148 63.9 31.6 94.8





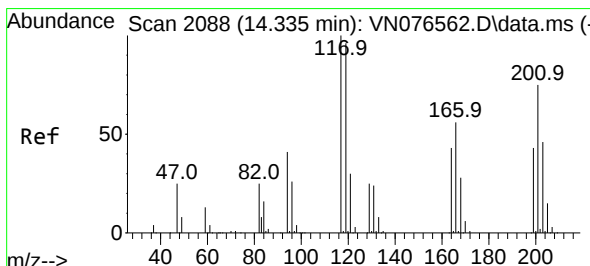
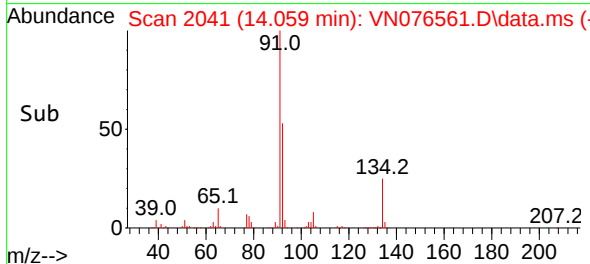
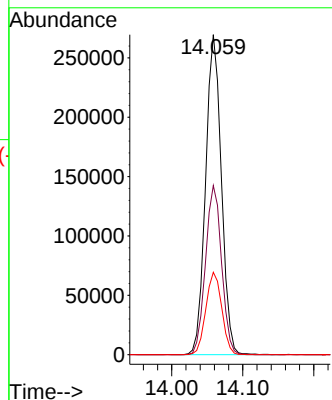
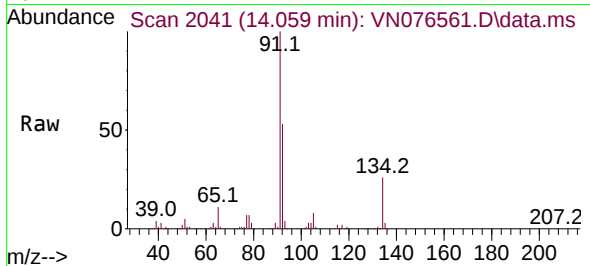
#89
n-Butylbenzene
Concen: 19.516 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 417120
Ion Ratio Lower Upper
91 100
92 53.8 27.0 80.8
134 26.0 13.1 39.3

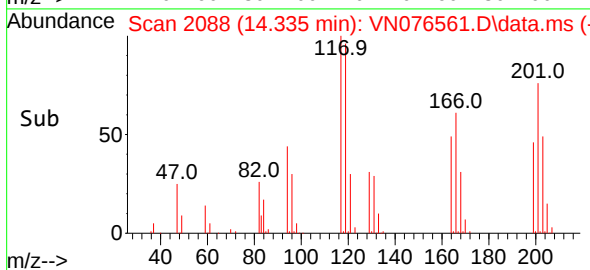
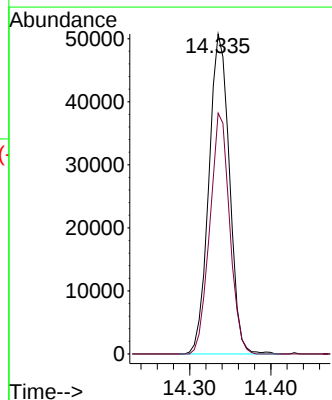
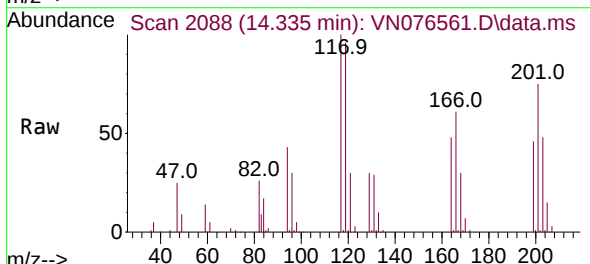
Manual Integrations
APPROVED

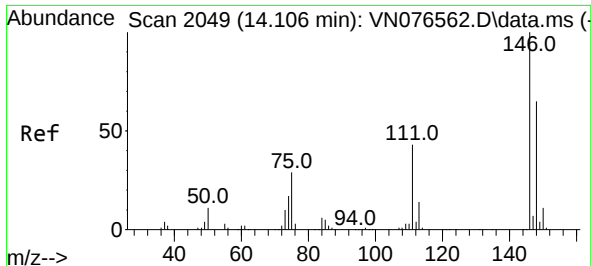
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#90
Hexachloroethane
Concen: 18.980 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

Tgt Ion:117 Resp: 89236
Ion Ratio Lower Upper
117 100
201 72.4 37.2 111.6





#91

1,2-Dichlorobenzene

Concen: 18.927 ug/l

RT: 14.111 min Scan# 2049

Delta R.T. 0.006 min

Lab File: VN076561.D

Acq: 07 Feb 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 26248

Ion Ratio Lower Upper

146 100

111 43.0 21.4 64.3

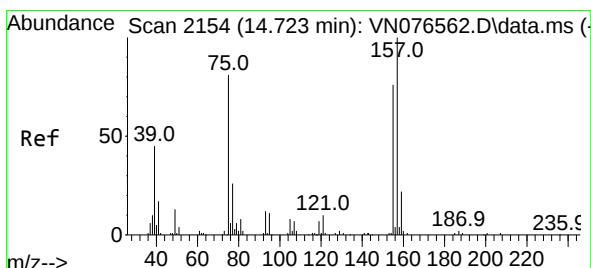
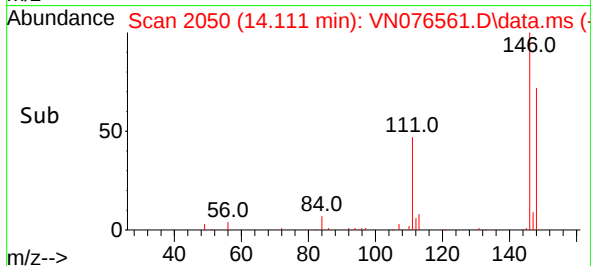
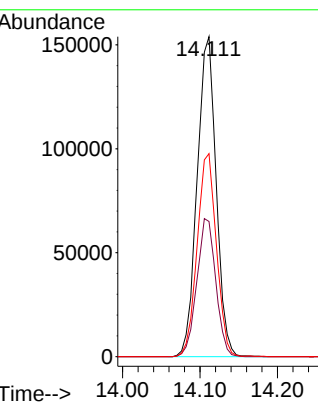
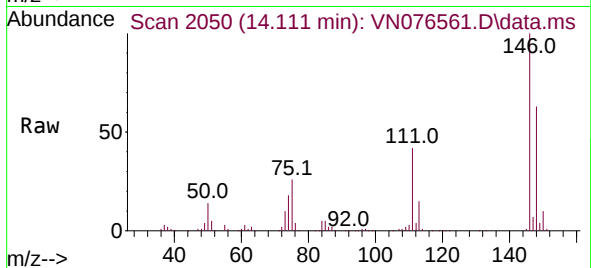
148 64.2 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.340 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. -0.000 min

Lab File: VN076561.D

Acq: 07 Feb 2023 12:55

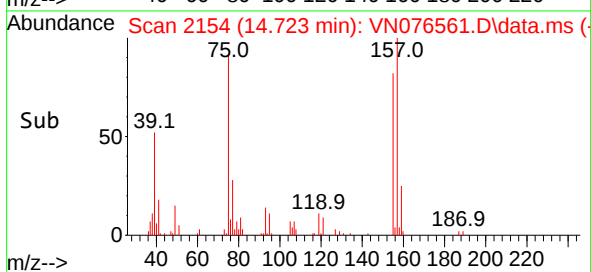
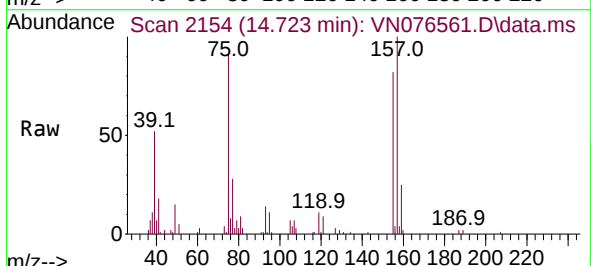
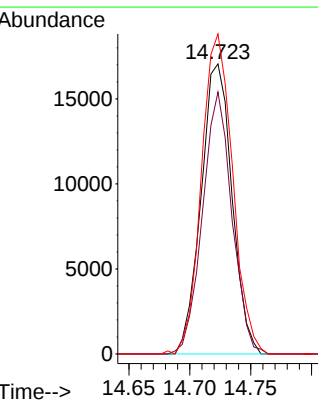
Tgt Ion: 75 Resp: 30145

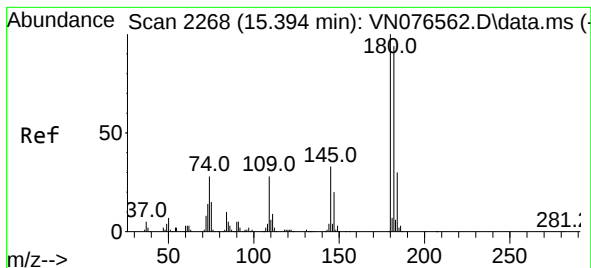
Ion Ratio Lower Upper

75 100

155 85.6 44.8 134.4

157 111.2 58.4 175.1





#93

1,2,4-Trichlorobenzene

Concen: 17.916 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076561.D

Acq: 07 Feb 2023 12:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:180 Resp: 11384

Ion Ratio Lower Upper

180 100

182 97.2 47.4 142.2

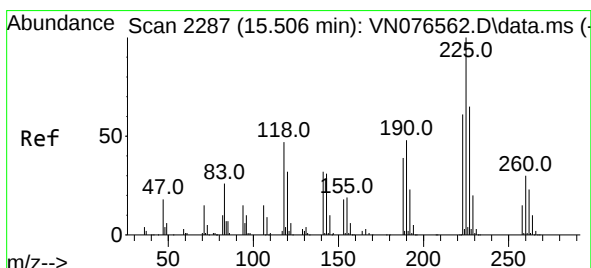
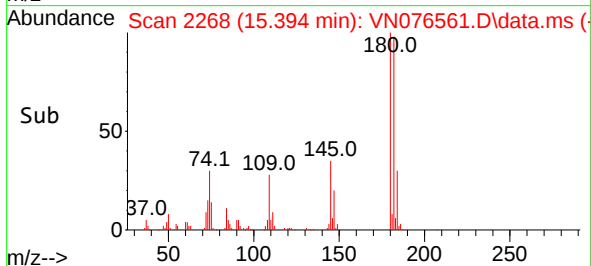
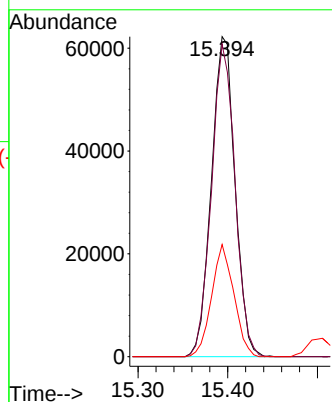
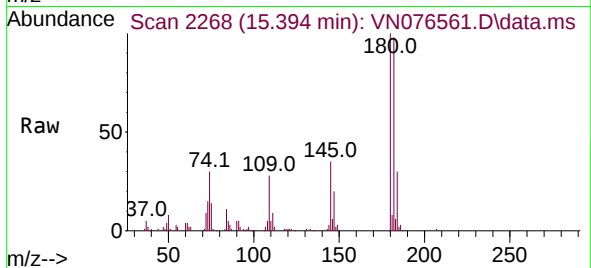
145 32.9 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#94

Hexachlorobutadiene

Concen: 18.530 ug/l

RT: 15.505 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076561.D

Acq: 07 Feb 2023 12:55

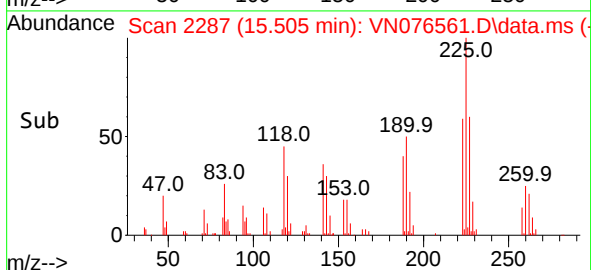
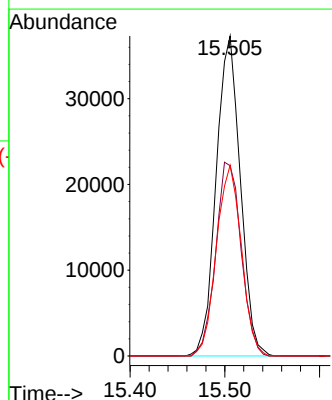
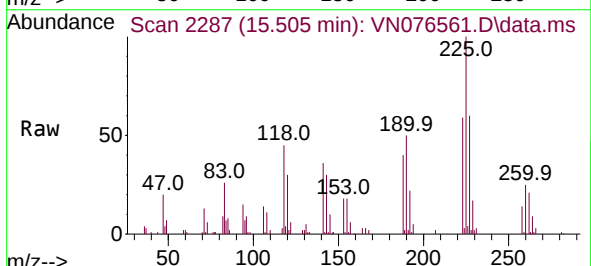
Tgt Ion:225 Resp: 66212

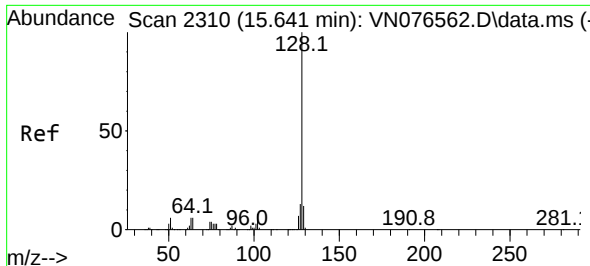
Ion Ratio Lower Upper

225 100

223 63.5 31.2 93.6

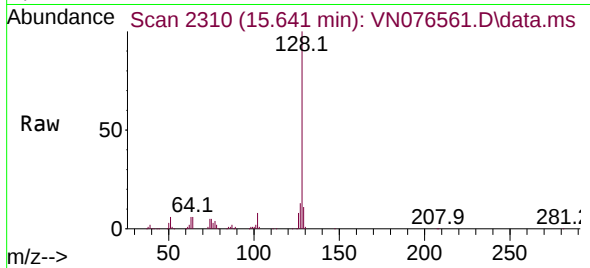
227 61.5 31.8 95.3





#95
Naphthalene
Concen: 18.573 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55

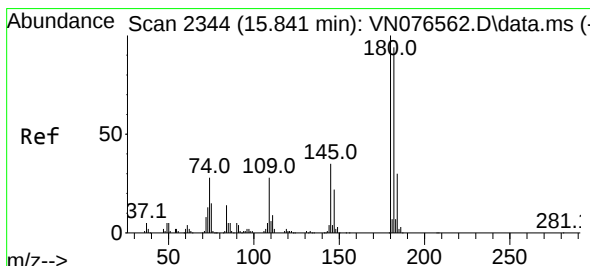
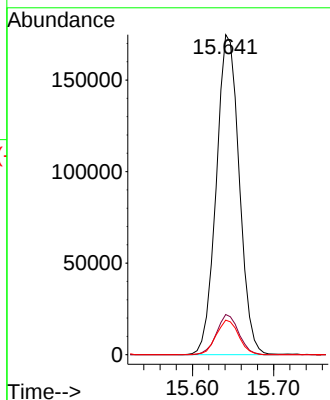
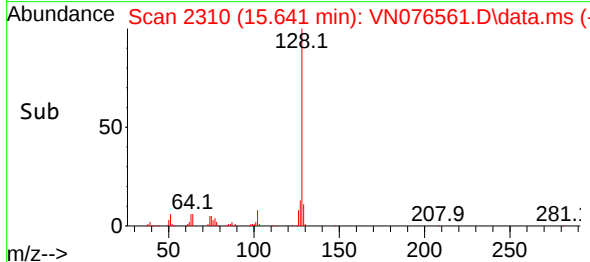
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



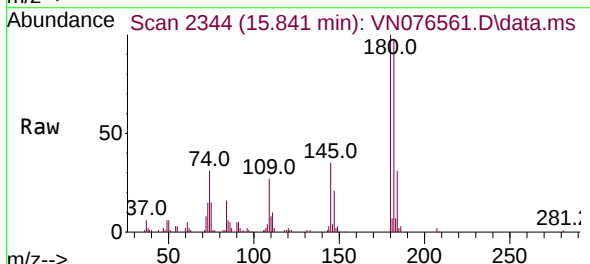
Tgt Ion:128 Resp: 343369
Ion Ratio Lower Upper
128 100
127 12.1 10.2 15.2
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#96
1,2,3-Trichlorobenzene
Concen: 17.982 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076561.D
Acq: 07 Feb 2023 12:55



Tgt Ion:180 Resp: 109434
Ion Ratio Lower Upper
180 100
182 97.4 47.4 142.2
145 34.1 17.2 51.5

