

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101323\
 Data File : VN079569.D
 Acq On : 13 Oct 2023 16:11
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
 Supervised By :Mahesh Dadoda 10/16/2023

Quant Time: Oct 13 23:32:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	258038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	444702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	403370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	178204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	201621	48.190	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.380%		
35) Dibromofluoromethane	8.171	113	161071	50.401	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.800%		
50) Toluene-d8	10.571	98	596201	51.560	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.120%		
62) 4-Bromofluorobenzene	12.853	95	193617	52.175	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	152843	41.336	ug/l	99
3) Chloromethane	2.365	50	174152	37.747	ug/l	98
4) Vinyl Chloride	2.518	62	197261	41.105	ug/l	95
5) Bromomethane	2.942	94	114694	39.924	ug/l	98
6) Chloroethane	3.112	64	135037	37.324	ug/l	100
7) Trichlorofluoromethane	3.495	101	246416	43.490	ug/l	94
8) Diethyl Ether	3.965	74	91375	45.236	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.371	101	138456	41.815	ug/l	99
10) Methyl Iodide	4.589	142	156527	54.477	ug/l	94
11) Tert butyl alcohol	5.518	59	109980	174.653	ug/l #	86
12) 1,1-Dichloroethene	4.342	96	131333	43.078	ug/l	84
13) Acrolein	4.177	56	112811	179.918	ug/l	96
14) Allyl chloride	5.024	41	204687	41.604	ug/l	90
15) Acrylonitrile	5.724	53	380822	208.598	ug/l	99
16) Acetone	4.424	43	354829	213.821	ug/l	91
17) Carbon Disulfide	4.712	76	369359	38.840	ug/l	100
18) Methyl Acetate	5.024	43	308947	38.037	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	457254	46.160	ug/l	93
20) Methylene Chloride	5.277	84	165368	45.452	ug/l #	85
21) trans-1,2-Dichloroethene	5.794	96	145320	40.811	ug/l	88
22) Diisopropyl ether	6.671	45	515480	46.725	ug/l #	89
23) Vinyl Acetate	6.606	43	1419566	228.755	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	298350	44.188	ug/l	97
25) 2-Butanone	7.488	43	507229	205.939	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	244619	47.408	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	176161	45.539	ug/l	87
28) Bromochloromethane	7.812	49	166746	51.905	ug/l #	73
29) Tetrahydrofuran	7.835	42	324916	203.973	ug/l #	76
30) Chloroform	7.965	83	307837	45.125	ug/l	90
31) Cyclohexane	8.259	56	241041	40.615	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	256298	44.643	ug/l	93
36) 1,1-Dichloropropene	8.371	75	225148	46.941	ug/l	95
37) Ethyl Acetate	7.565	43	207330	43.441	ug/l #	93
38) Carbon Tetrachloride	8.365	117	221231	46.073	ug/l	98
39) Methylcyclohexane	9.606	83	212505	46.114	ug/l #	88
40) Benzene	8.606	78	666959	46.822	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	112037	44.652	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	238029	45.988	ug/l	99
43) Isopropyl Acetate	8.688	43	352190	42.121	ug/l #	90
44) Trichloroethene	9.353	130	152830	45.584	ug/l	99
45) 1,2-Dichloropropane	9.624	63	174609	46.524	ug/l	99
46) Dibromomethane	9.712	93	114367	47.050	ug/l	94
47) Bromodichloromethane	9.888	83	239950	47.989	ug/l	100
48) Methyl methacrylate	9.682	41	161873	45.178	ug/l #	81
49) 1,4-Dioxane	9.700	88	57116	865.422	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1038492	220.018	ug/l	90
52) Toluene	10.635	92	409015	48.780	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	248802	49.377	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	274284	49.725	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	160125	47.568	ug/l	95
56) Ethyl methacrylate	10.876	69	234314	50.655	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	283052	48.696	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	445483	251.477	ug/l	90
59) 2-Hexanone	11.200	43	742267	217.929	ug/l	88
60) Dibromochloromethane	11.365	129	169786	50.186	ug/l	98
61) 1,2-Dibromoethane	11.471	107	154905	46.370	ug/l	98
64) Tetrachloroethene	11.106	164	122678	44.210	ug/l	96
65) Chlorobenzene	11.894	112	415916	46.300	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	158734	48.260	ug/l	98
67) Ethyl Benzene	11.965	91	770858	49.371	ug/l	97
68) m/p-Xylenes	12.076	106	577202	101.743	ug/l	95
69) o-Xylene	12.400	106	275387	49.359	ug/l	92
70) Styrene	12.412	104	464625	52.722	ug/l	99
71) Bromoform	12.582	173	111064	46.137	ug/l #	99
73) Isopropylbenzene	12.700	105	712110	42.953	ug/l	100
74) N-amyl acetate	12.500	43	281733	41.452	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	226746	42.183	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	198781m	38.688	ug/l	
77) Bromobenzene	12.982	156	163549	40.232	ug/l	98
78) n-propylbenzene	13.041	91	847725	45.194	ug/l	97
79) 2-Chlorotoluene	13.129	91	503731	41.968	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	584509	44.711	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	69365	39.171	ug/l #	85
82) 4-Chlorotoluene	13.223	91	490175	42.916	ug/l	100
83) tert-Butylbenzene	13.441	119	464793	43.394	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	581512	46.610	ug/l	100
85) sec-Butylbenzene	13.617	105	666611	44.619	ug/l	100
86) p-Isopropyltoluene	13.729	119	543796	47.447	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	284715	44.159	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	277515	41.685	ug/l	98
89) n-Butylbenzene	14.059	91	449835	49.150	ug/l	97
90) Hexachloroethane	14.335	117	108866	46.719	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	270723	43.046	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	34118	35.589	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	87905	45.130	ug/l	97
94) Hexachlorobutadiene	15.506	225	61756	40.708	ug/l	99
95) Naphthalene	15.647	128	223671	37.604	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	92095	39.620	ug/l	99

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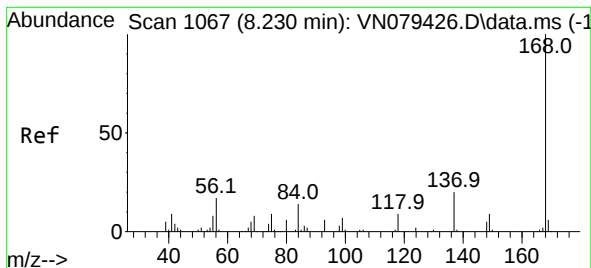
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/16/2023

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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: 8.224 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

Instrument :

MSVOA_N

ClientSampleId :

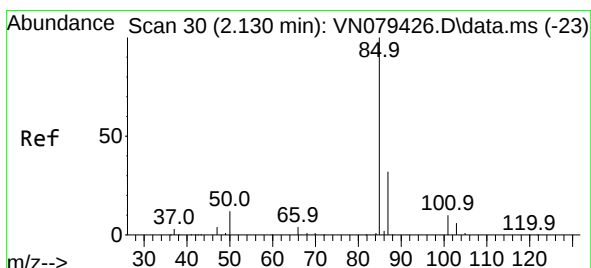
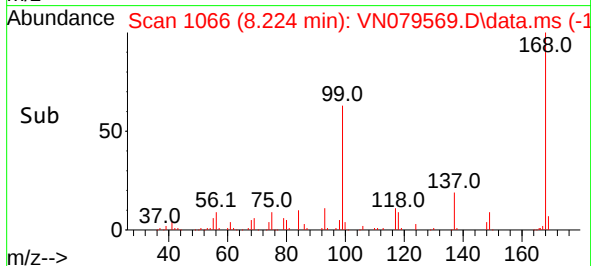
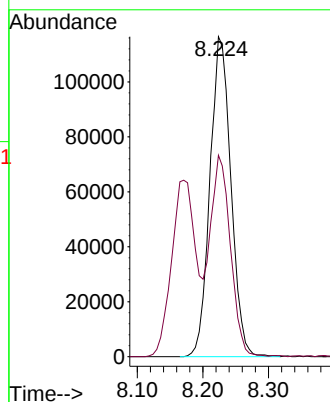
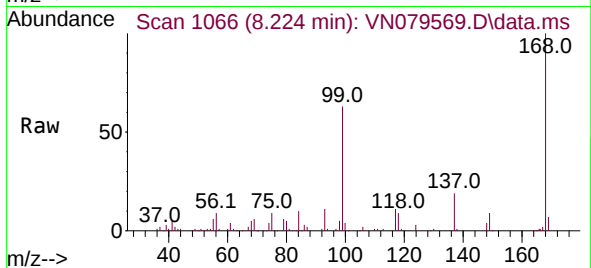
VSTDCCC050EC

Tgt Ion:168 Resp: 25803
Ion Ratio Lower Upper
168 100
99 62.6 53.0 79.6

Manual Integrations

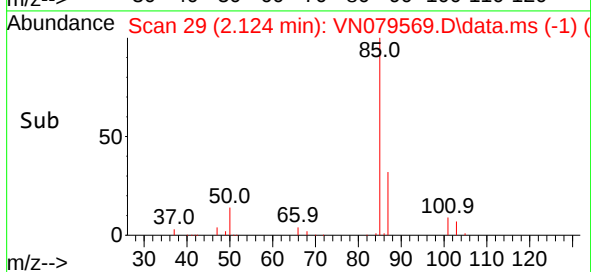
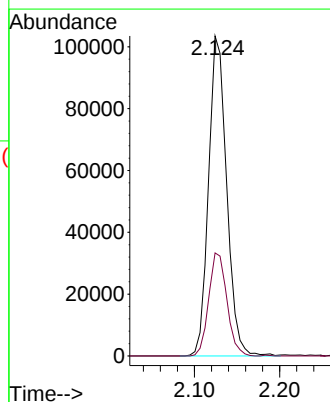
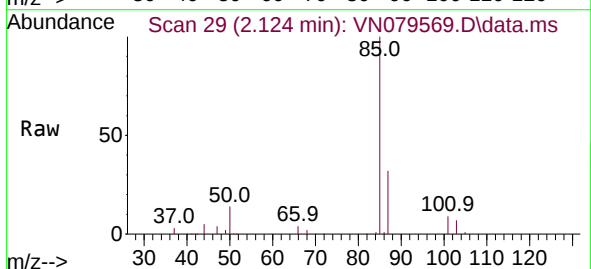
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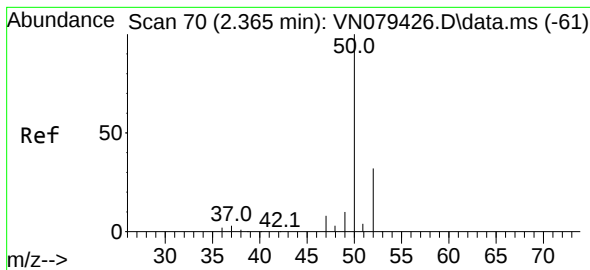
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#2
Dichlorodifluoromethane
Concen: 41.336 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

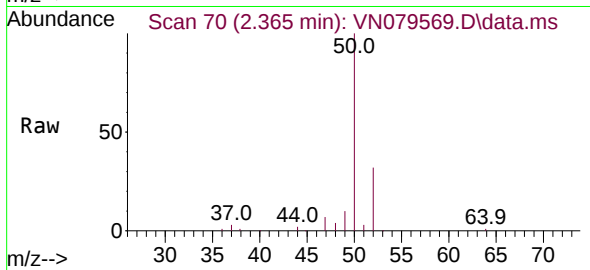
Tgt Ion: 85 Resp: 152843
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.4





#3
Chloromethane
Concen: 37.747 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

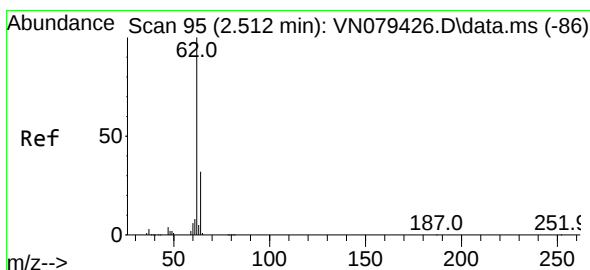
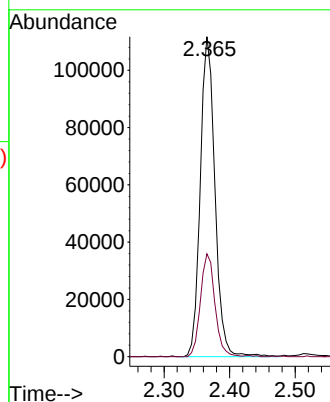
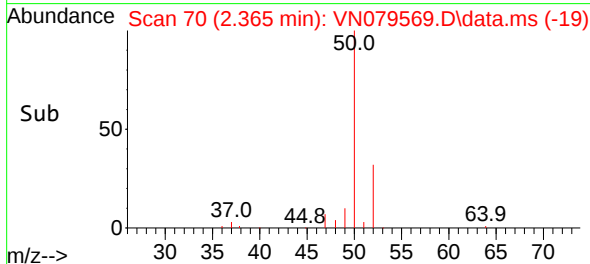
Instrument :
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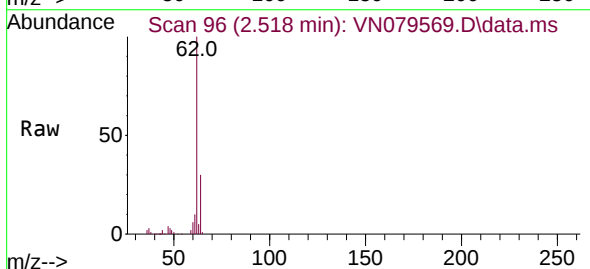
Tgt Ion: 50 Resp: 174152
Ion Ratio Lower Upper
50 100
52 32.1 26.5 39.7

Manual Integrations
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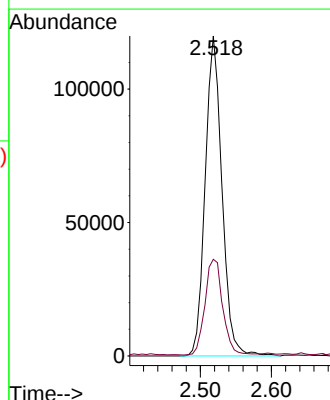
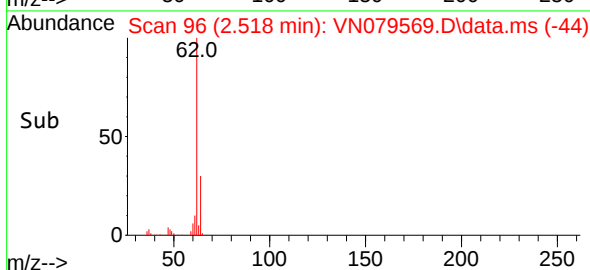
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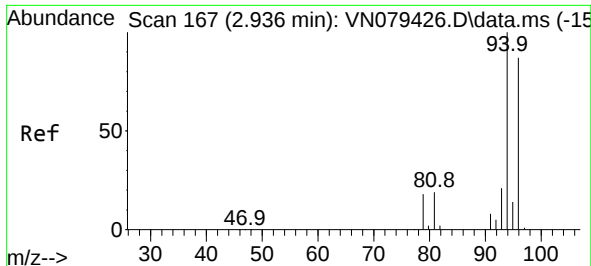


#4
Vinyl Chloride
Concen: 41.105 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11



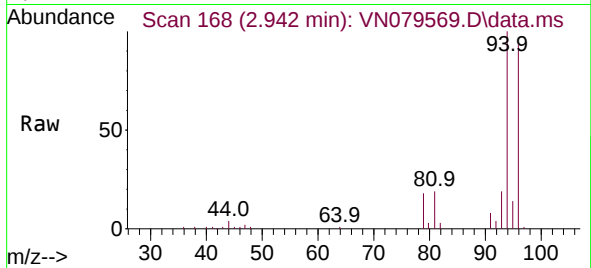
Tgt Ion: 62 Resp: 197261
Ion Ratio Lower Upper
62 100
64 29.9 26.2 39.2





#5
Bromomethane
Concen: 39.924 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

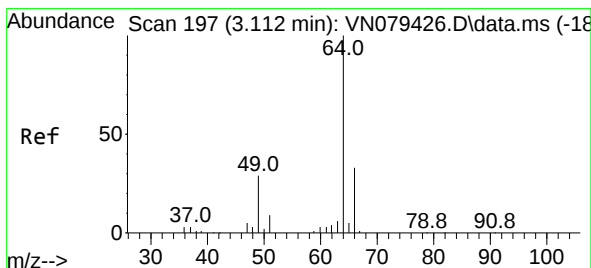
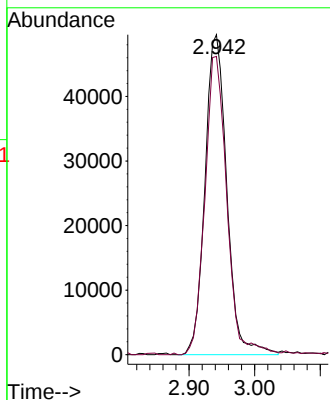
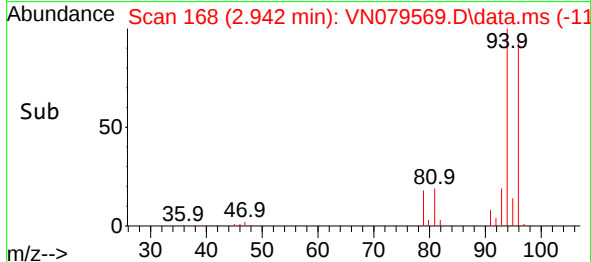
Instrument :
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Tgt Ion: 94 Resp: 114694
Ion Ratio Lower Upper
94 100
96 93.2 73.1 109.7

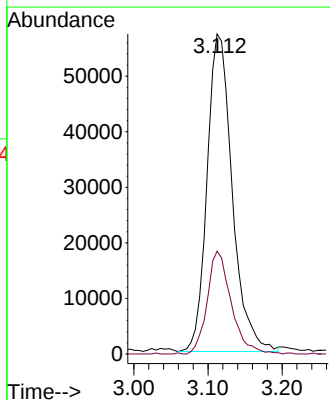
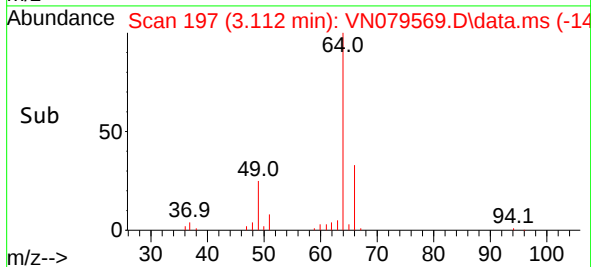
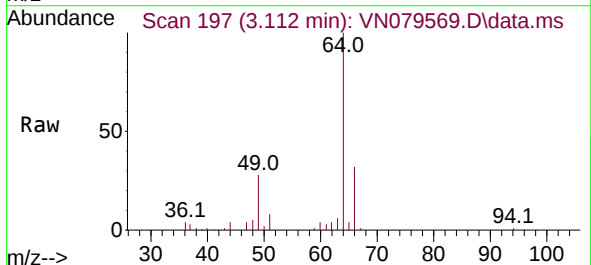
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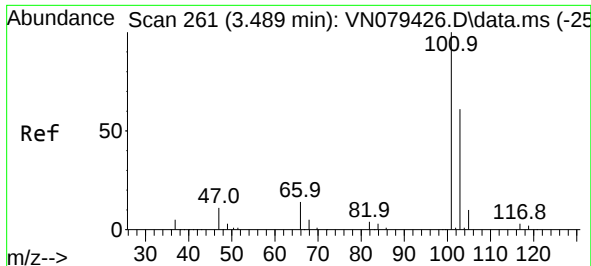
Reviewed By :Semsettin Yesilyurt 10/16/2023
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#6
Chloroethane
Concen: 37.324 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

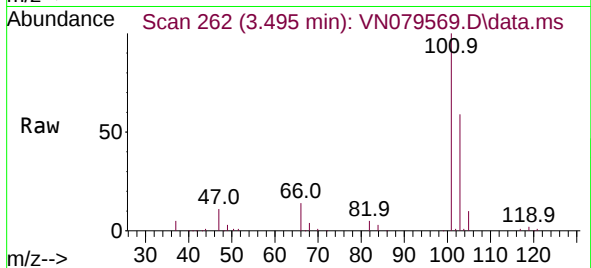
Tgt Ion: 64 Resp: 135037
Ion Ratio Lower Upper
64 100
66 32.0 25.4 38.2





#7
Trichlorofluoromethane
Concen: 43.490 ug/l
RT: 3.495 min Scan# 261
Delta R.T. 0.006 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

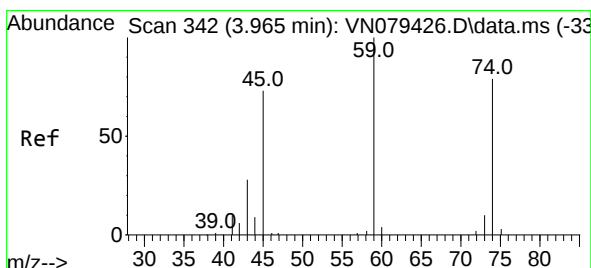
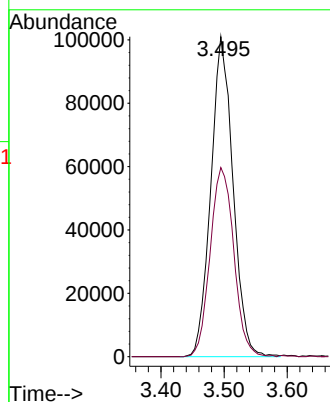
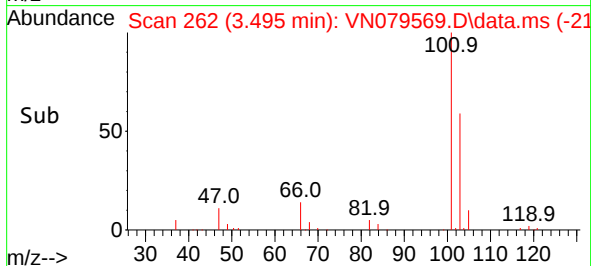
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 246410
Ion Ratio Lower Upper
101 100
103 59.1 50.7 76.1

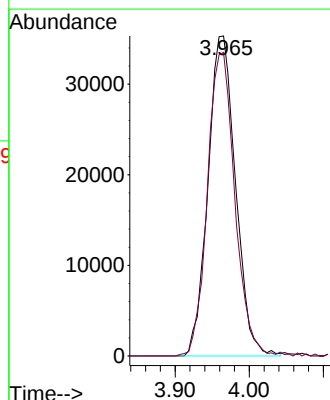
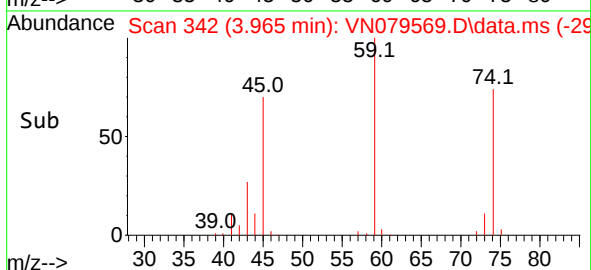
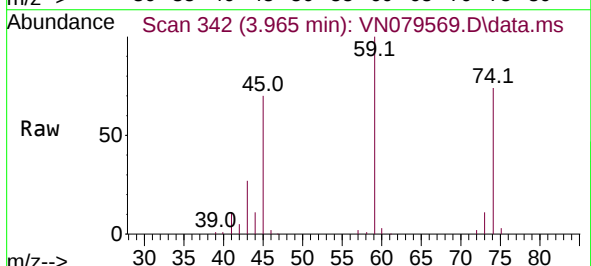
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#8
Diethyl Ether
Concen: 45.236 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

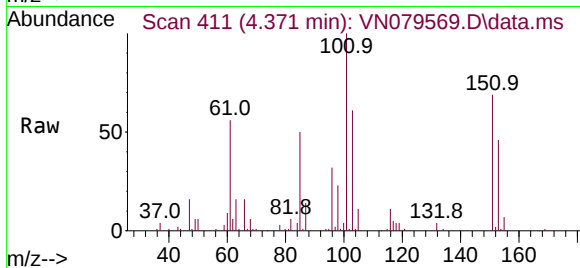
Tgt Ion: 74 Resp: 91375
Ion Ratio Lower Upper
74 100
45 93.9 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.815 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079569.D
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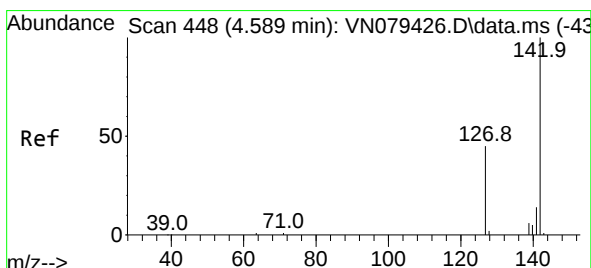
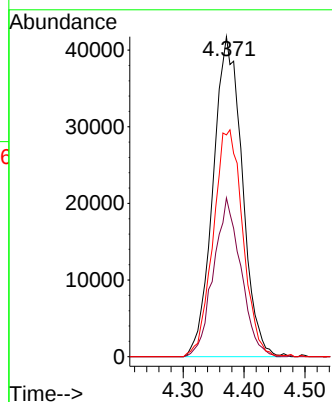
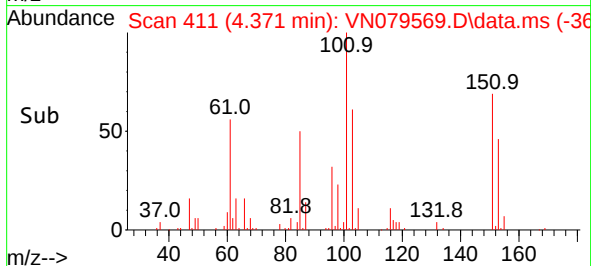
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 138456
Ion Ratio Lower Upper
101 100
85 46.7 36.6 55.0
151 72.2 57.6 86.4

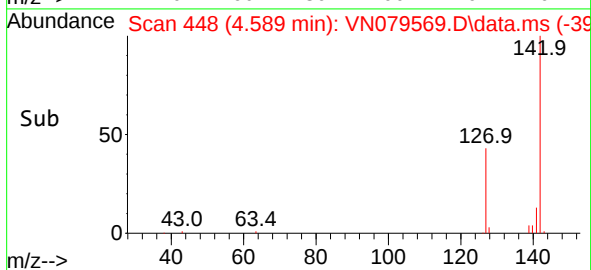
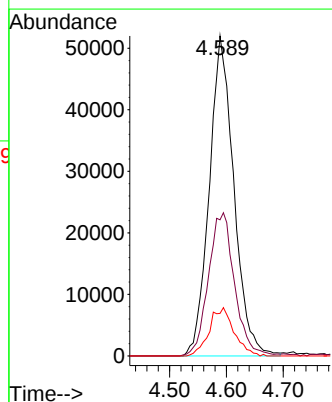
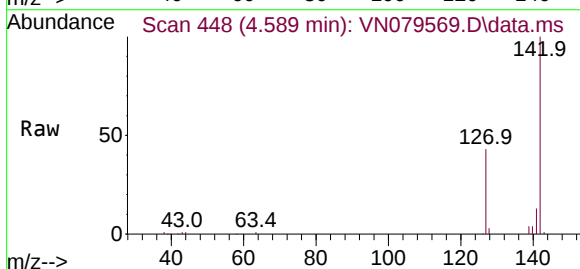
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#10
Methyl Iodide
Concen: 54.477 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

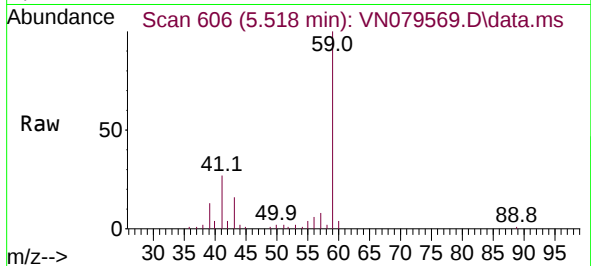
Tgt Ion:142 Resp: 156527
Ion Ratio Lower Upper
142 100
127 42.5 37.6 56.4
141 13.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 174.653 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

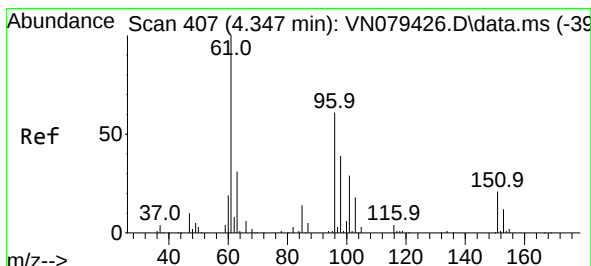
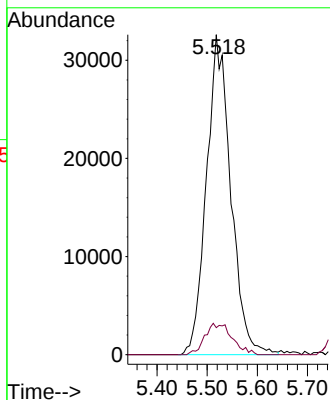
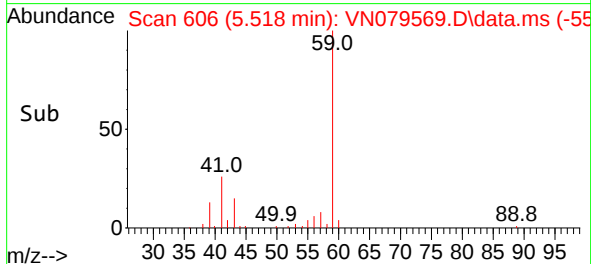
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



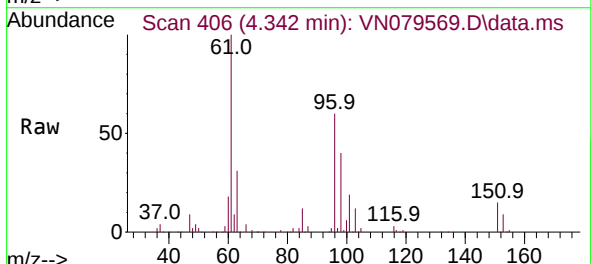
Tgt Ion: 59 Resp: 109980
Ion Ratio Lower Upper
59 100
57 5.0 8.2 12.4

Manual Integrations
APPROVED

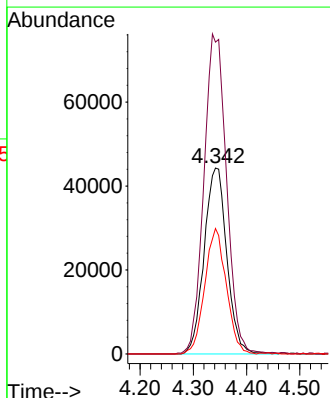
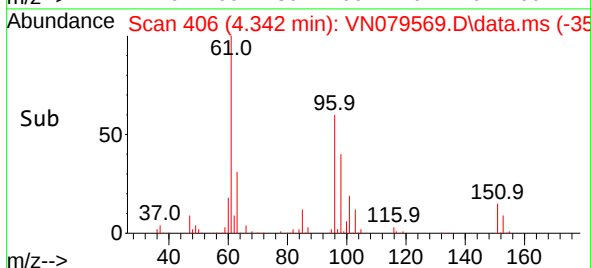
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

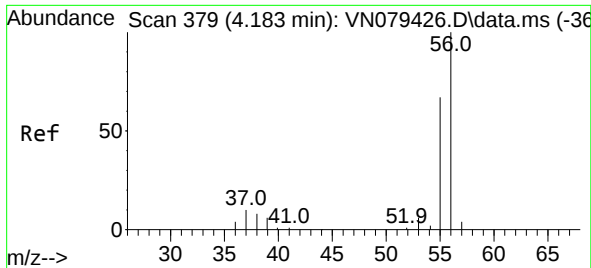


#12
1,1-Dichloroethene
Concen: 43.078 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11



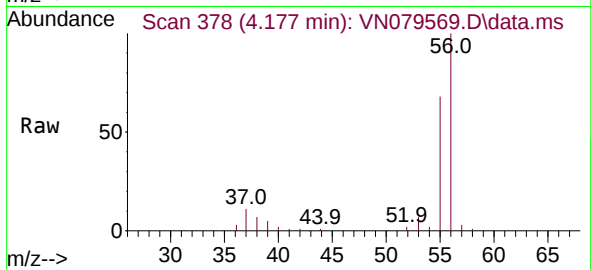
Tgt Ion: 96 Resp: 131333
Ion Ratio Lower Upper
96 100
61 167.3 112.7 169.1
98 67.5 51.2 76.8





#13
Acrolein
Concen: 179.918 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

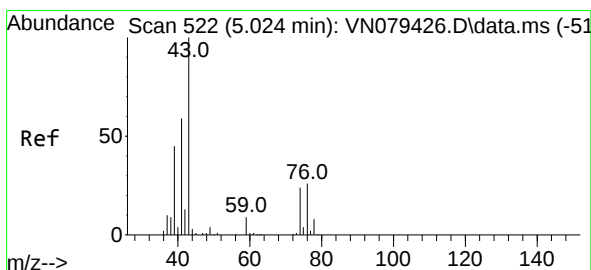
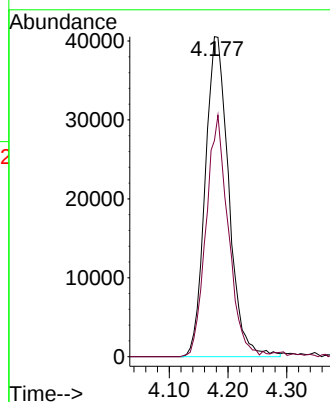
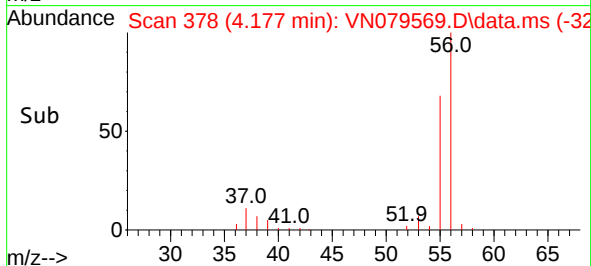
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 11281
Ion Ratio Lower Upper
56 100
55 71.2 54.5 81.7

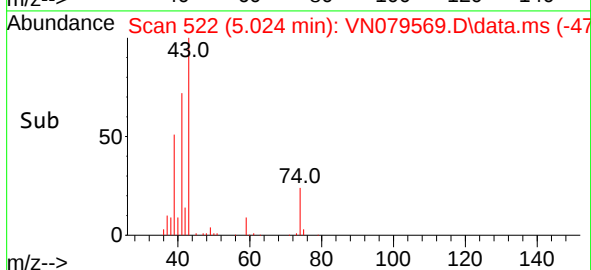
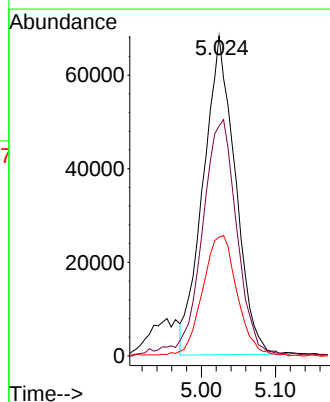
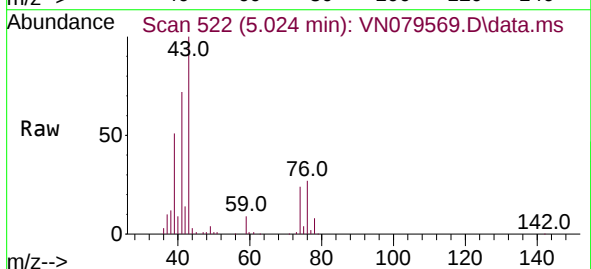
Manual Integrations
APPROVED

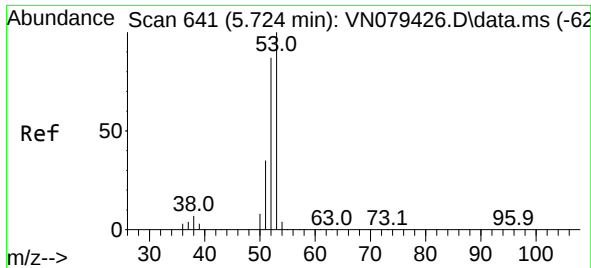
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#14
Allyl chloride
Concen: 41.604 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

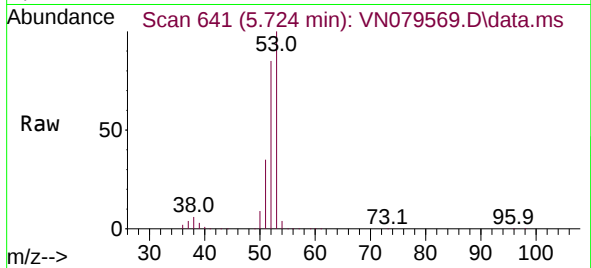
Tgt Ion: 41 Resp: 204687
Ion Ratio Lower Upper
41 100
39 81.1 58.8 88.2
76 40.8 39.1 58.7





#15
Acrylonitrile
Concen: 208.598 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

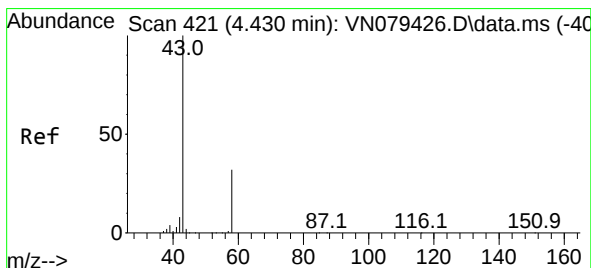
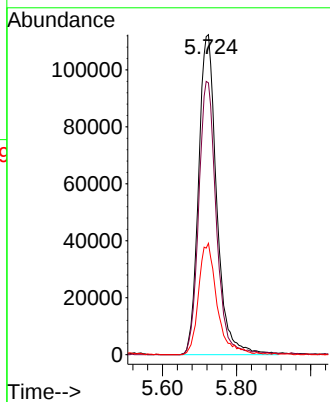
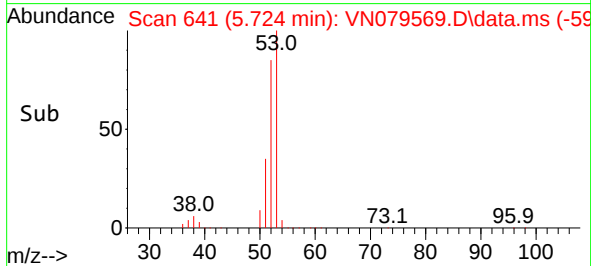
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



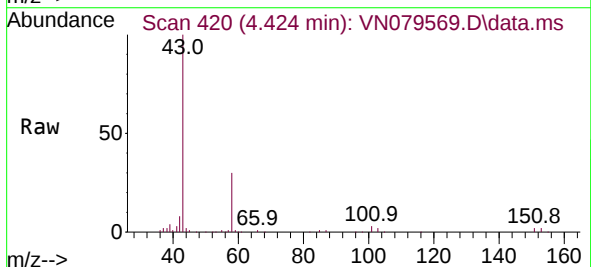
Tgt Ion: 53 Resp: 38082
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 35.5 28.9 43.3

Manual Integrations
APPROVED

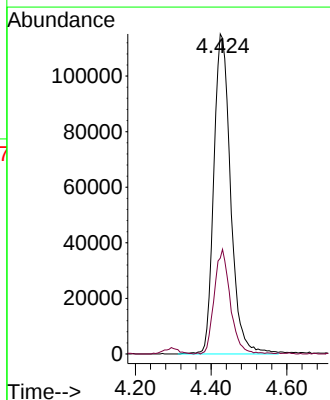
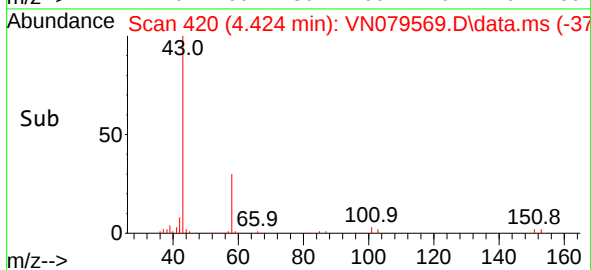
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

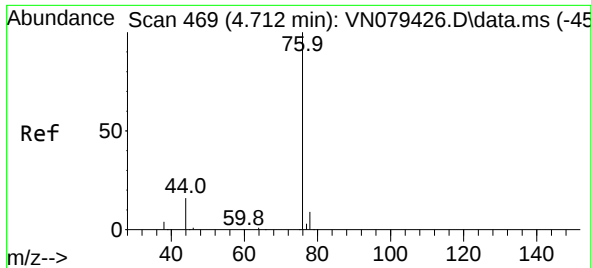


#16
Acetone
Concen: 213.821 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11



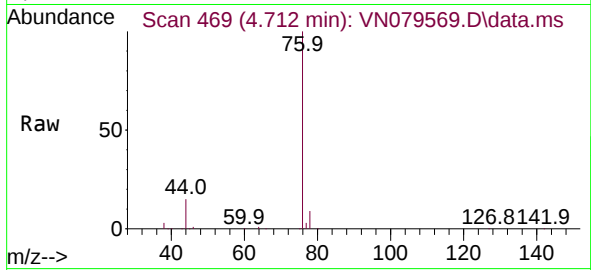
Tgt Ion: 43 Resp: 354829
Ion Ratio Lower Upper
43 100
58 29.6 28.0 42.0





#17
Carbon Disulfide
Concen: 38.840 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

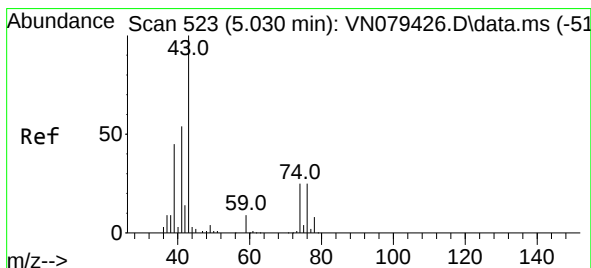
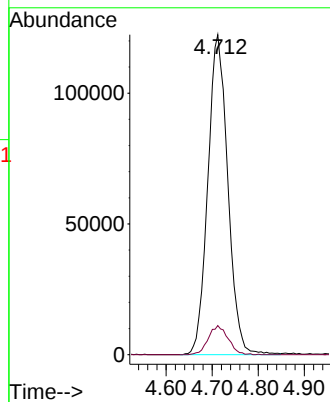
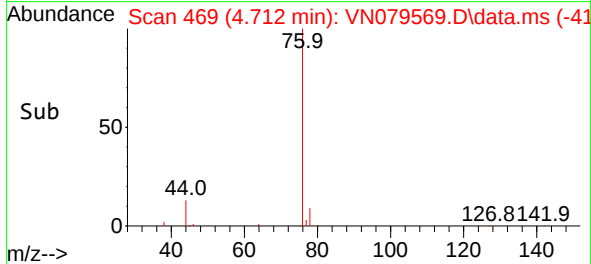
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 36935
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

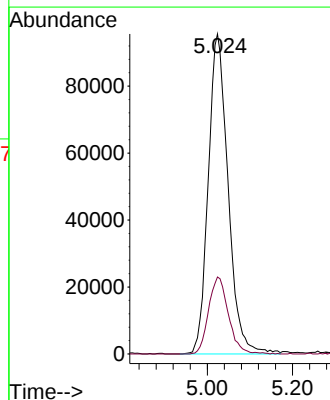
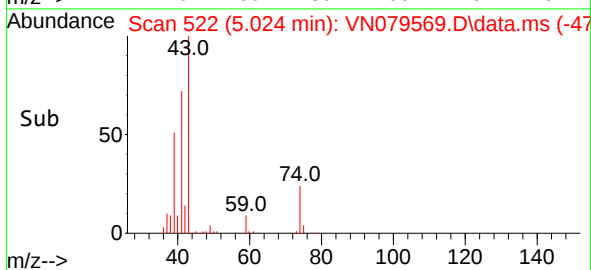
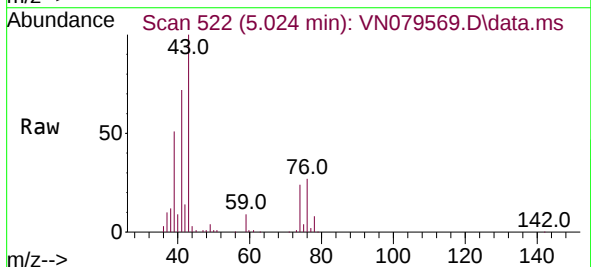
Manual Integrations
APPROVED

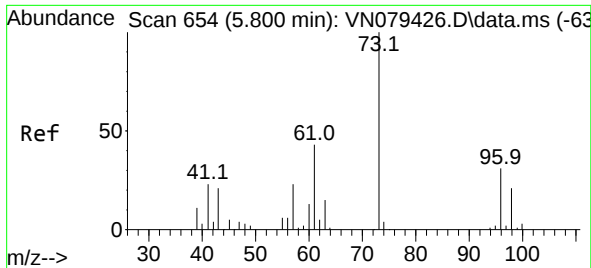
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#18
Methyl Acetate
Concen: 38.037 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

Tgt Ion: 43 Resp: 308947
Ion Ratio Lower Upper
43 100
74 24.0 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 46.160 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

Instrument :

MSVOA_N

ClientSampleId :

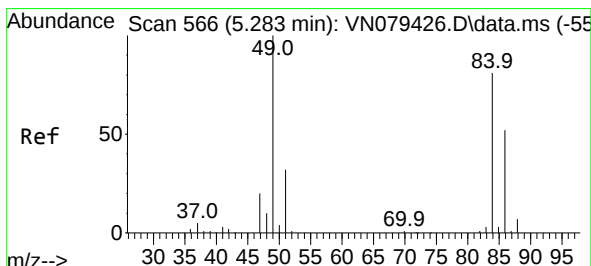
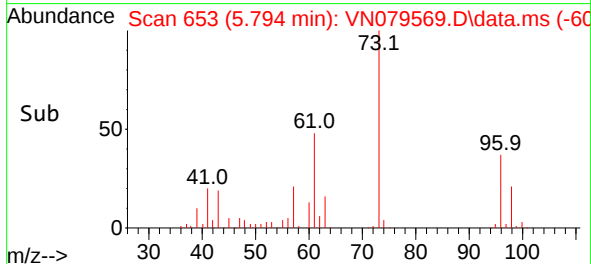
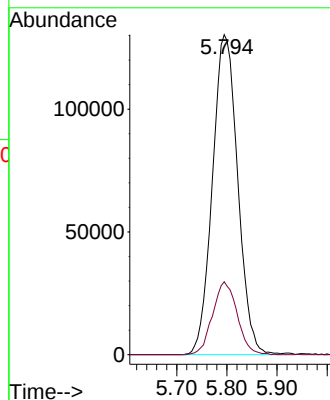
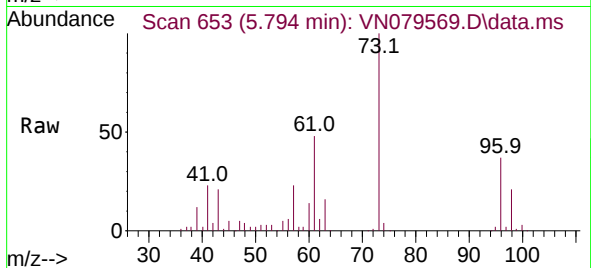
VSTDCCC050EC

Tgt Ion: 73 Resp: 457254
Ion Ratio Lower Upper
73 100
57 22.8 15.6 23.4

Manual Integrations

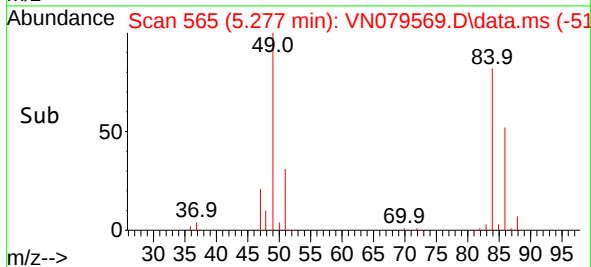
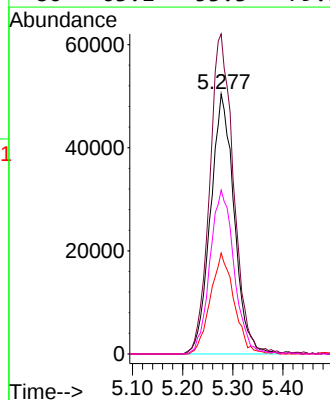
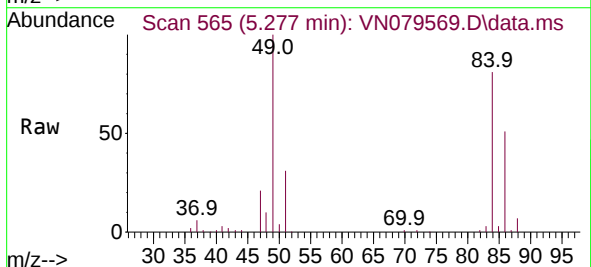
APPROVED

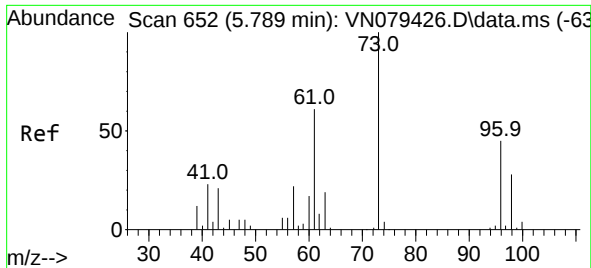
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#20
Methylene Chloride
Concen: 45.452 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

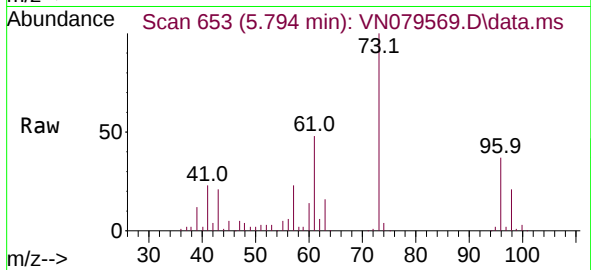
Tgt Ion: 84 Resp: 165368
Ion Ratio Lower Upper
84 100
49 123.1 79.7 119.5#
51 38.8 25.2 37.8#
86 63.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 40.811 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

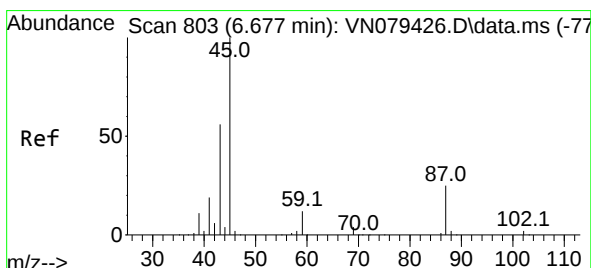
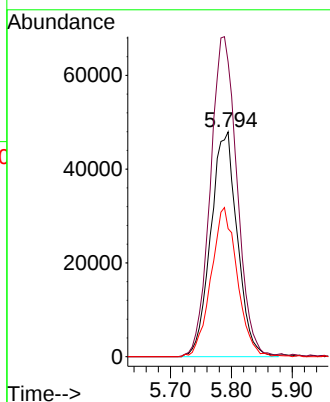
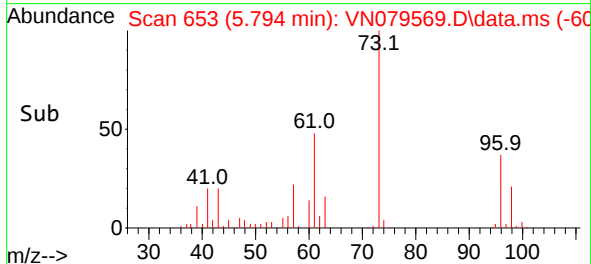
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 145320
Ion Ratio Lower Upper
96 100
61 131.1 90.1 135.1
98 57.0 46.4 69.6

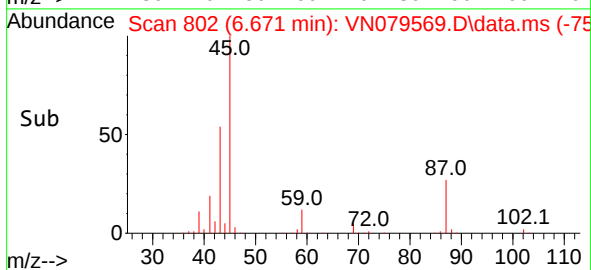
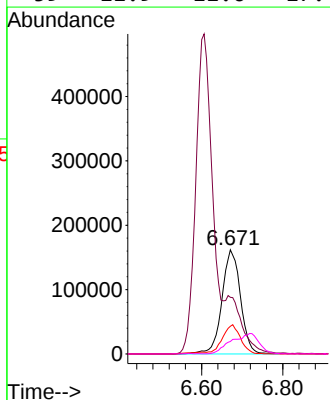
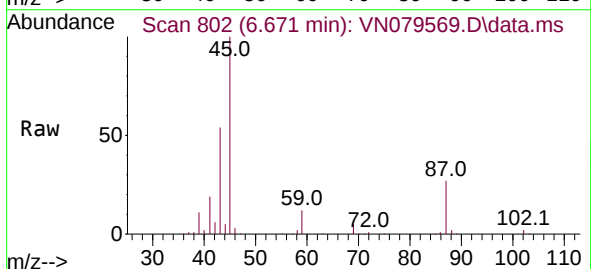
Manual Integrations
APPROVED

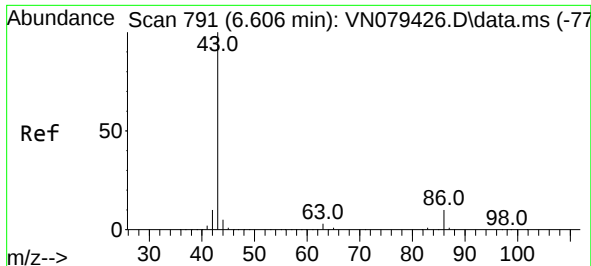
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#22
Diisopropyl ether
Concen: 46.725 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

Tgt Ion: 45 Resp: 515480
Ion Ratio Lower Upper
45 100
43 53.8 45.5 68.3
87 26.5 31.8 47.8#
59 11.9 11.6 17.4





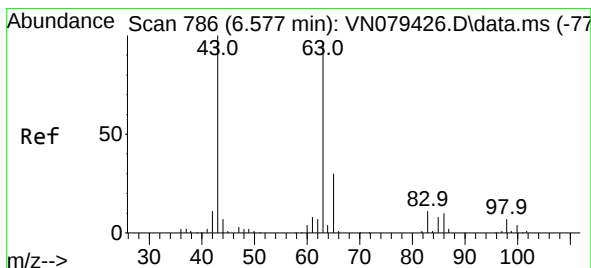
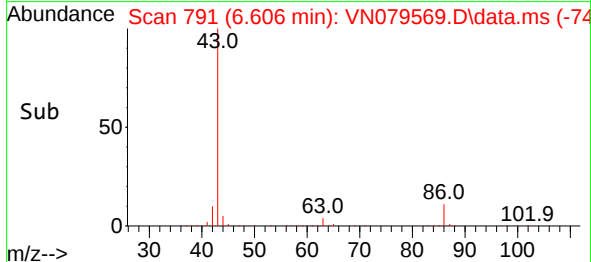
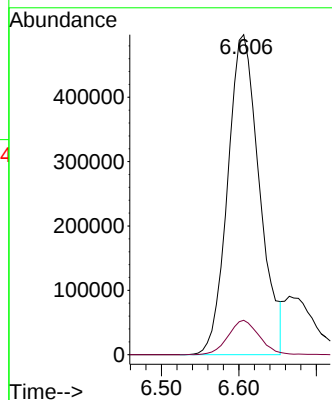
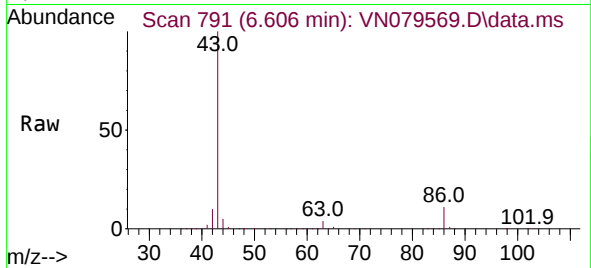
#23
 Vinyl Acetate
 Concen: 228.755 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079569.D
 Acq: 13 Oct 2023 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 141956
 Ion Ratio Lower Upper
 43 100
 86 10.8 13.0 19.6

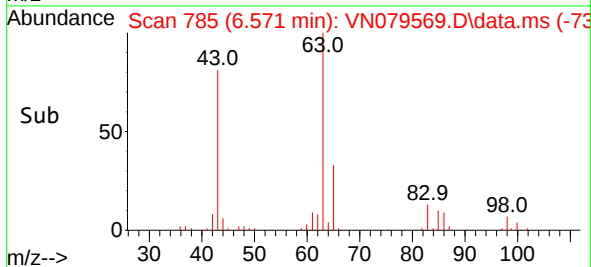
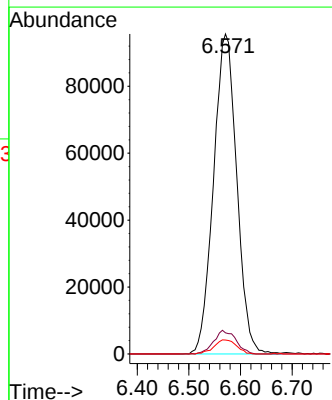
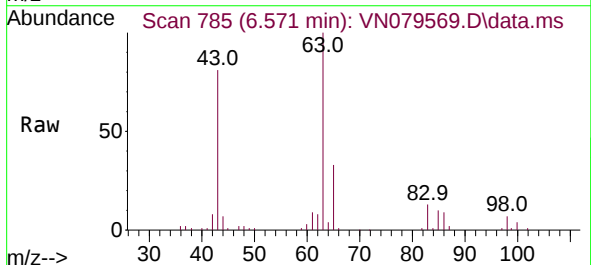
Manual Integrations
 APPROVED

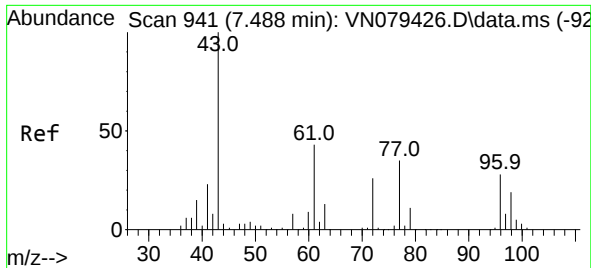
Reviewed By :Semsettin Yesilyurt 10/16/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#24
 1,1-Dichloroethane
 Concen: 44.188 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079569.D
 Acq: 13 Oct 2023 16:11

Tgt Ion: 63 Resp: 298350
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 4.4 2.5 7.4





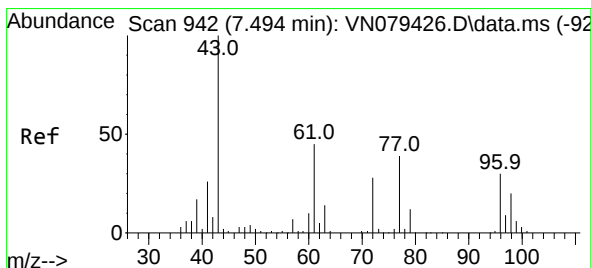
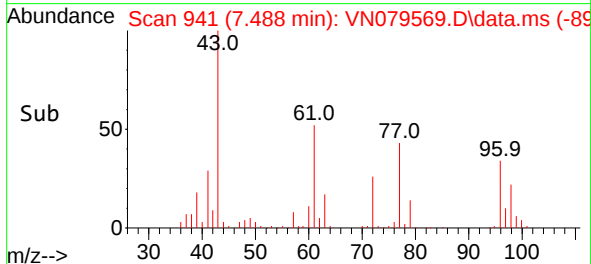
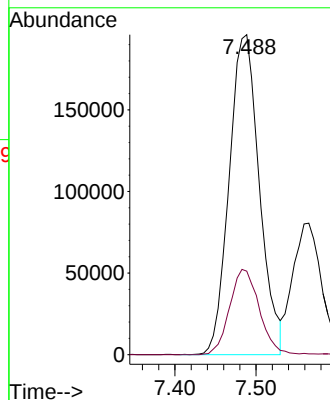
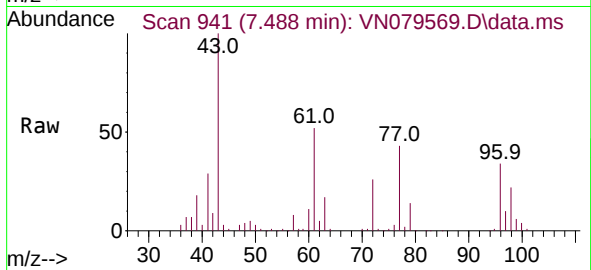
#25
2-Butanone
Concen: 205.939 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 507229
Ion Ratio Lower Upper
43 100
72 26.1 30.2 45.2

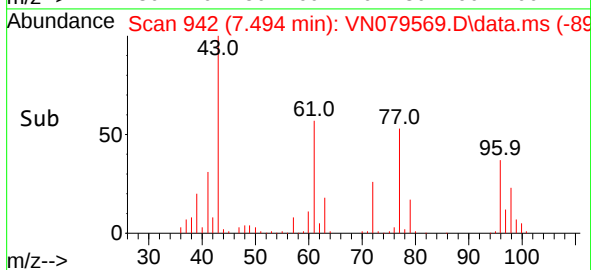
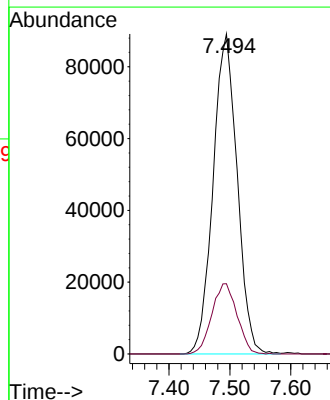
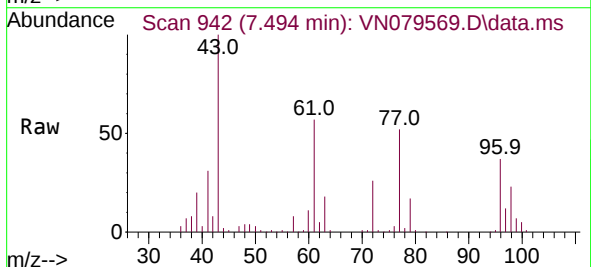
Manual Integrations
APPROVED

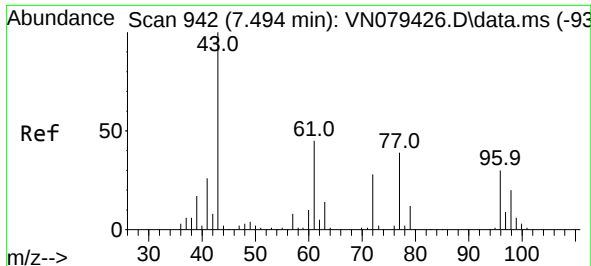
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#26
2,2-Dichloropropane
Concen: 47.408 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

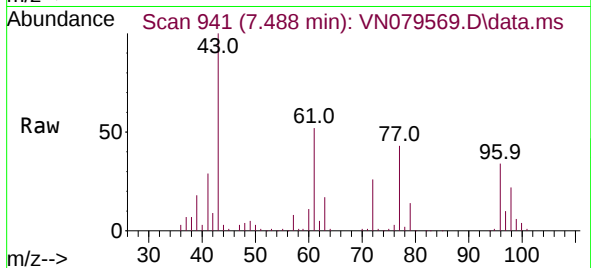
Tgt Ion: 77 Resp: 244619
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 45.539 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079569.D
 Acq: 13 Oct 2023 16:11

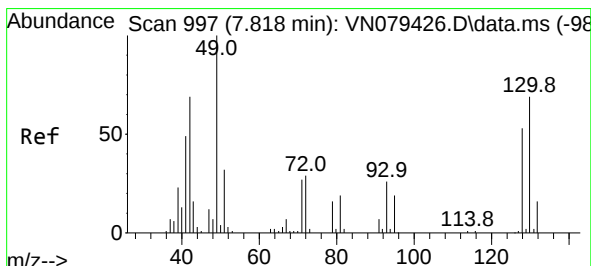
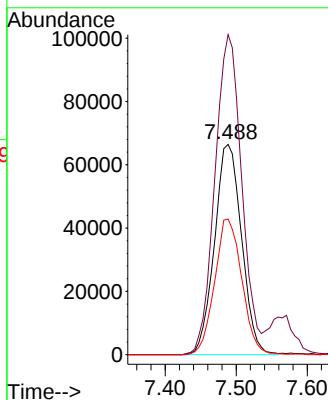
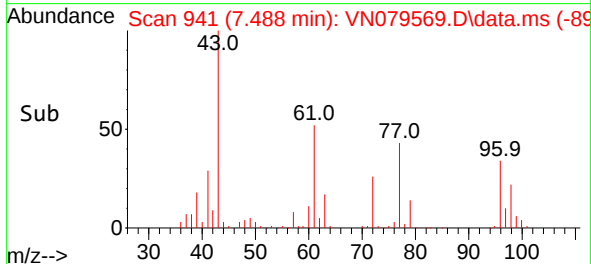
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 17616
 Ion Ratio Lower Upper
 96 100
 61 150.4 0.0 255.2
 98 64.8 0.0 128.8

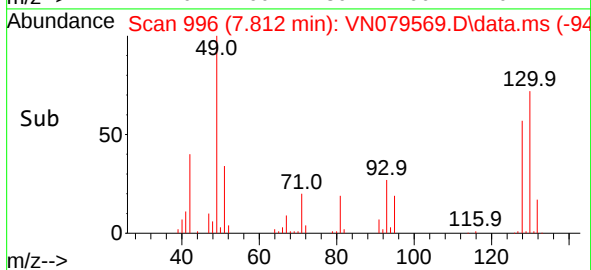
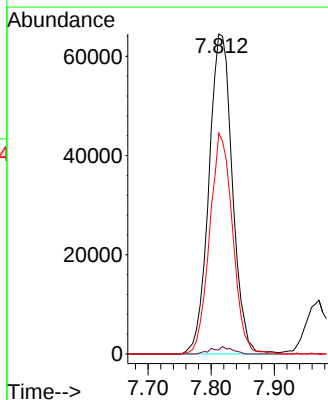
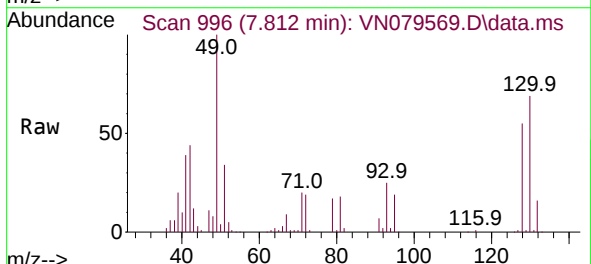
Manual Integrations
 APPROVED

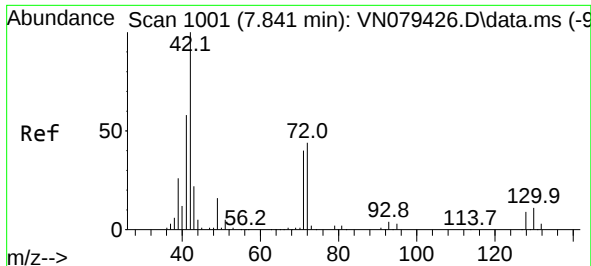
Reviewed By :Semsettin Yesilyurt 10/16/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#28
 Bromochloromethane
 Concen: 51.905 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN079569.D
 Acq: 13 Oct 2023 16:11

Tgt Ion: 49 Resp: 166746
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 67.4 75.3 112.9#





#29

Tetrahydrofuran

Concen: 203.973 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Instrument :

MSVOA_N

ClientSampleId :

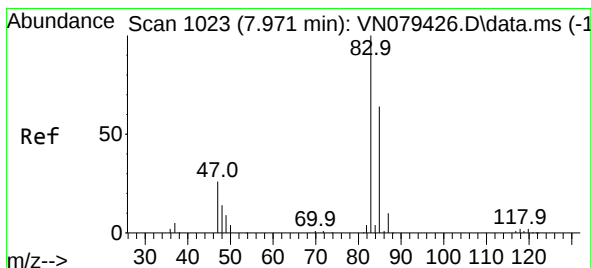
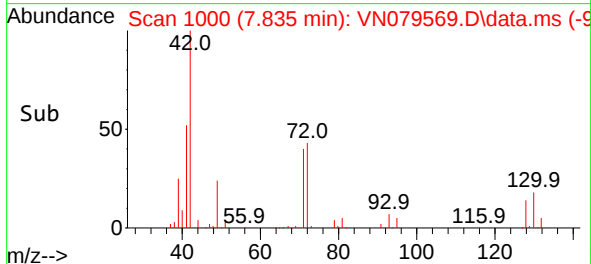
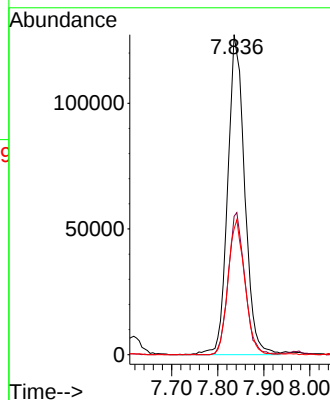
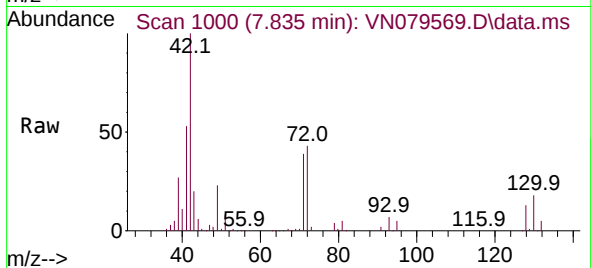
VSTDCCC050EC

Tgt Ion: 42 Resp: 324910
 Ion Ratio Lower Upper
 42 100
 72 43.3 49.8 74.6
 71 41.7 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#30

Chloroform

Concen: 45.125 ug/l

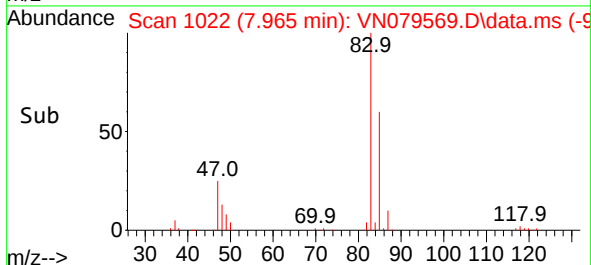
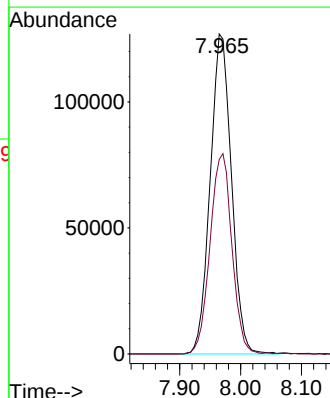
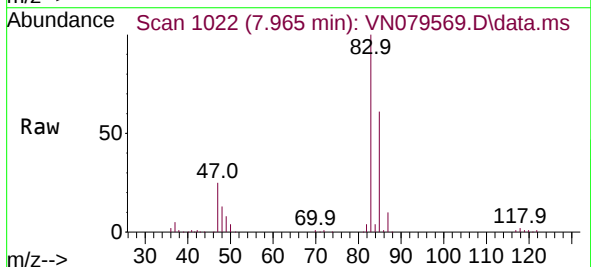
RT: 7.965 min Scan# 1022

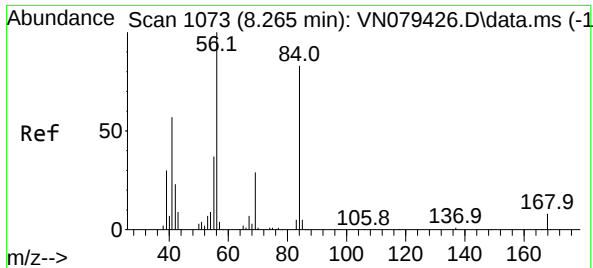
Delta R.T. -0.006 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

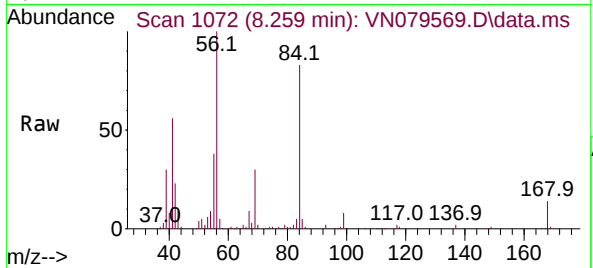
Tgt Ion: 83 Resp: 307837
 Ion Ratio Lower Upper
 83 100
 85 60.8 55.4 83.0





#31
Cyclohexane
Concen: 40.615 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

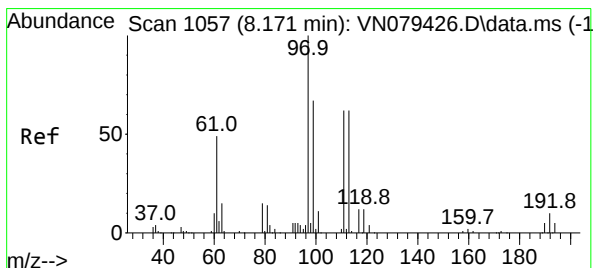
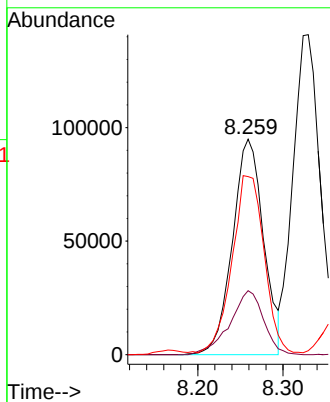
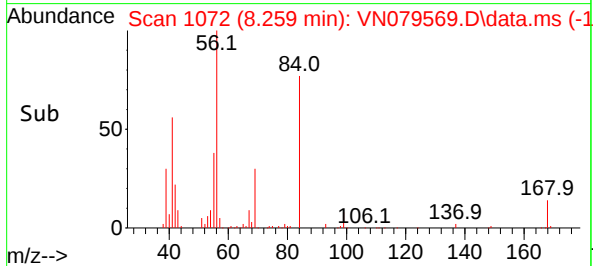
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 24104
Ion Ratio Lower Upper
56 100
69 29.7 26.8 40.2
84 81.0 81.8 122.6

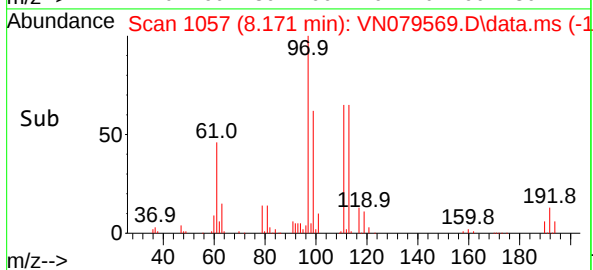
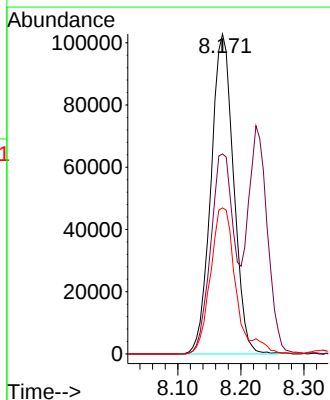
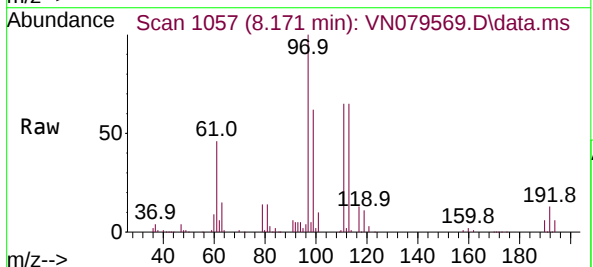
Manual Integrations
APPROVED

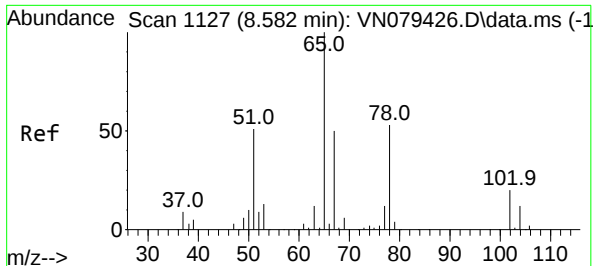
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#32
1,1,1-Trichloroethane
Concen: 44.643 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

Tgt Ion: 97 Resp: 256298
Ion Ratio Lower Upper
97 100
99 65.7 50.3 75.5
61 51.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.190 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 20162

Ion Ratio Lower Upper

65 100

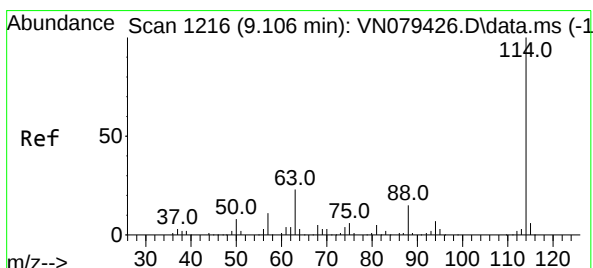
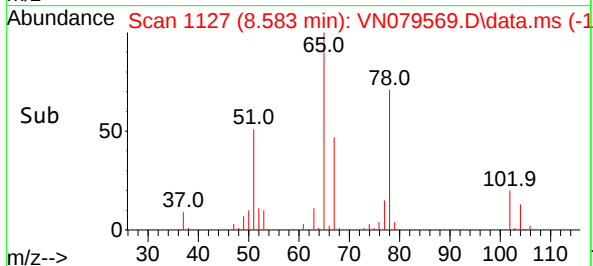
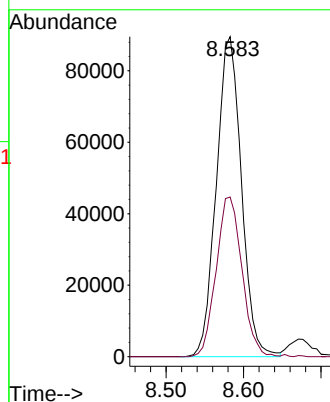
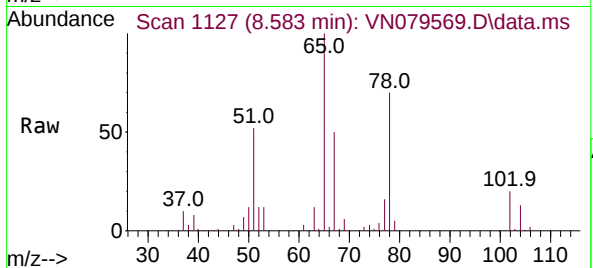
67 51.2 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023

Supervised By :Mahesh Dadoda 10/16/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

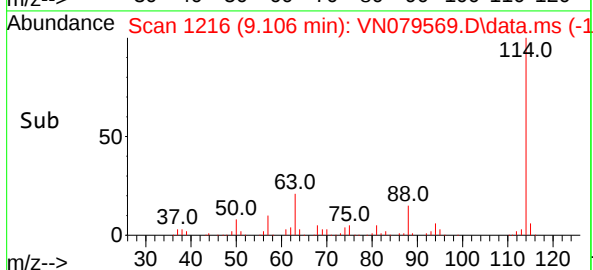
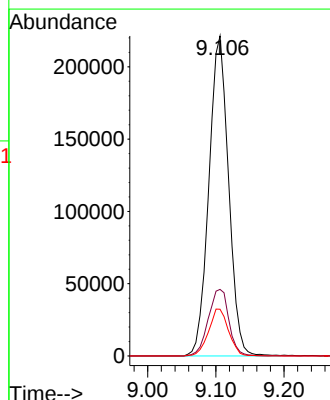
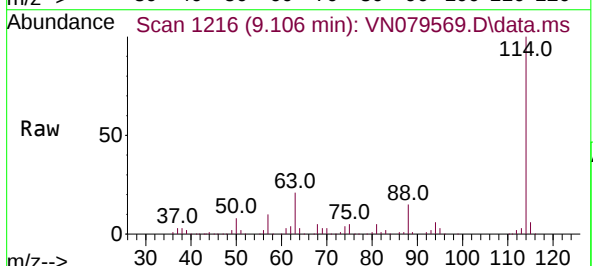
Tgt Ion:114 Resp: 444702

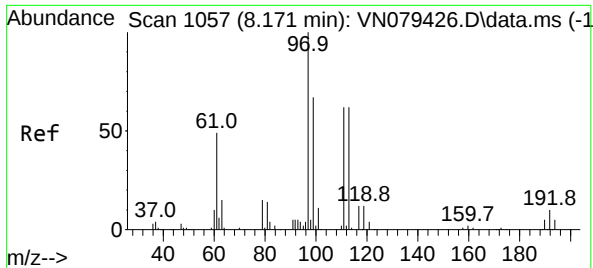
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

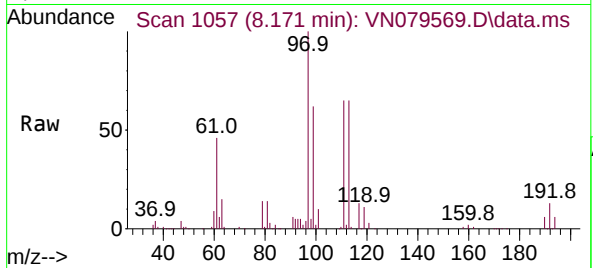
88 14.6 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.401 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

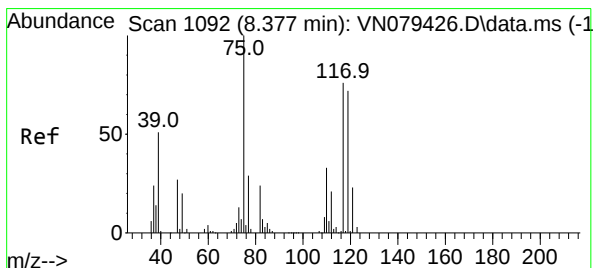
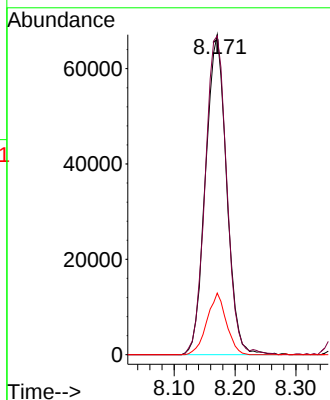
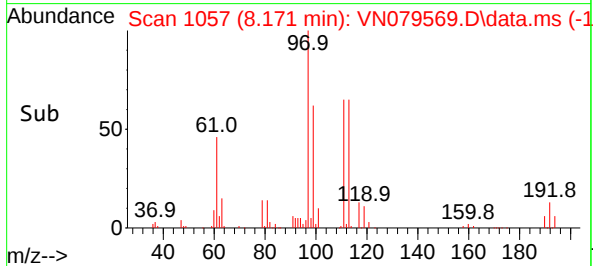
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 16107
Ion Ratio Lower Upper
113 100
111 101.8 82.6 123.8
192 17.7 12.7 19.1

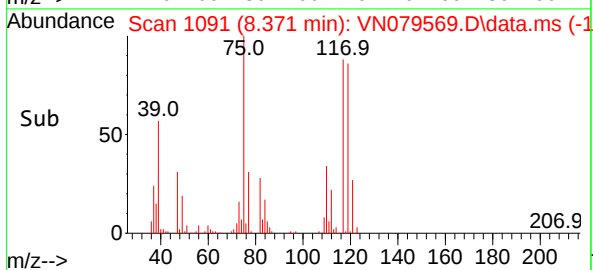
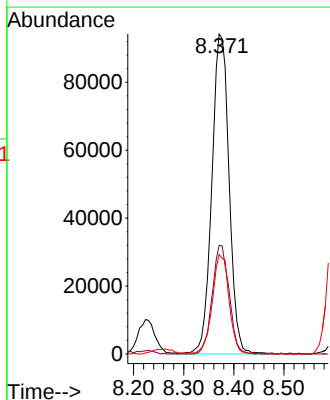
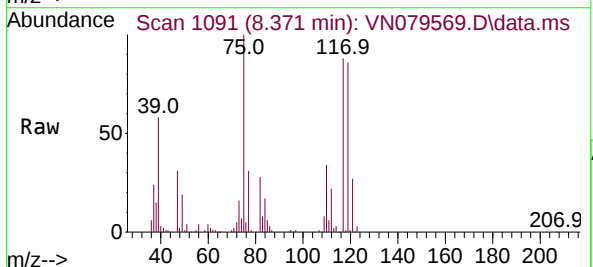
Manual Integrations
APPROVED

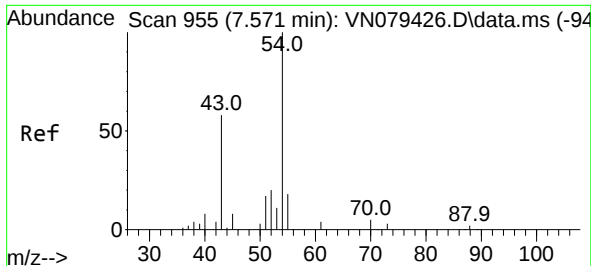
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#36
1,1-Dichloropropene
Concen: 46.941 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

Tgt Ion: 75 Resp: 225148
Ion Ratio Lower Upper
75 100
110 33.0 19.1 57.3
77 30.3 25.0 37.4





#37

Ethyl Acetate

Concen: 43.441 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Instrument :

MSVOA_N

ClientSampleId :

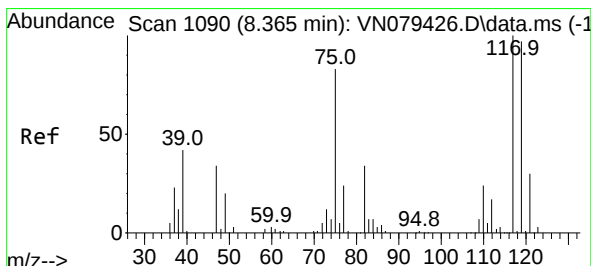
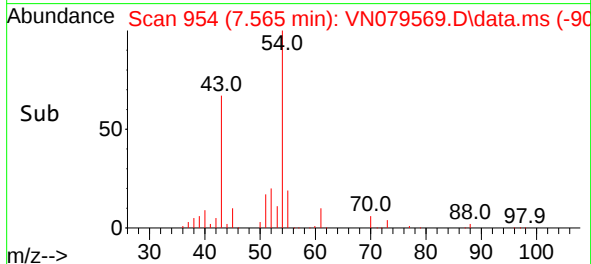
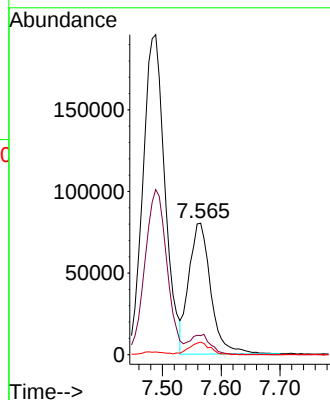
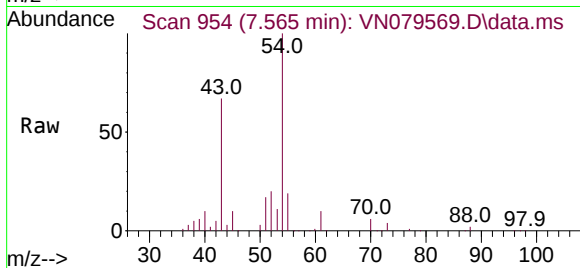
VSTDCCC050EC

Tgt Ion: 43 Resp: 207330
 Ion Ratio Lower Upper
 43 100
 61 15.0 13.2 19.8
 70 9.1 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#38

Carbon Tetrachloride

Concen: 46.073 ug/l

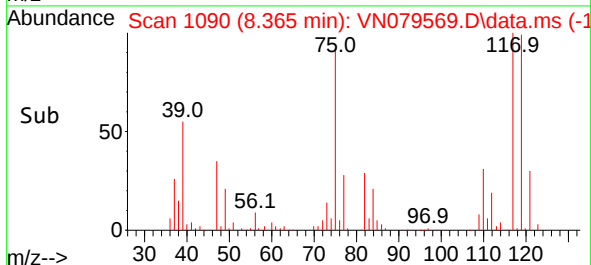
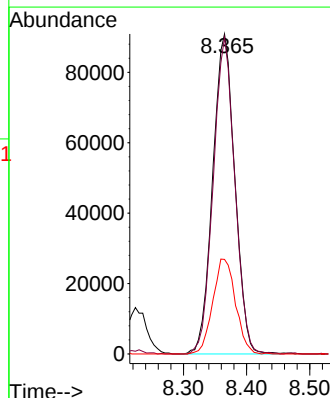
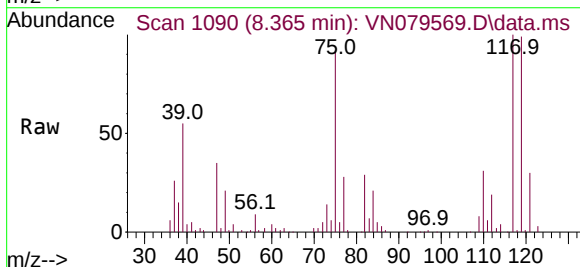
RT: 8.365 min Scan# 1090

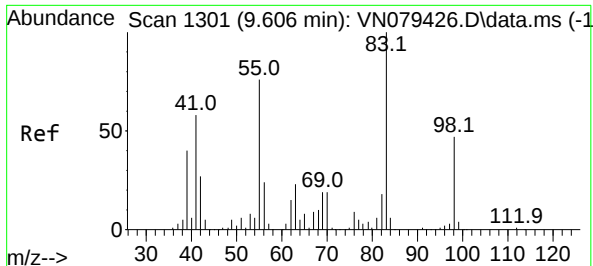
Delta R.T. 0.000 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Tgt Ion:117 Resp: 221231
 Ion Ratio Lower Upper
 117 100
 119 99.0 77.3 115.9
 121 29.6 23.3 34.9





#39

Methylcyclohexane

Concen: 46.114 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

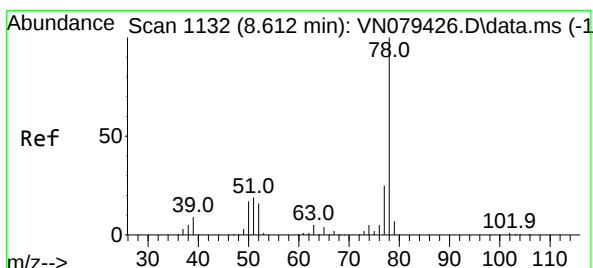
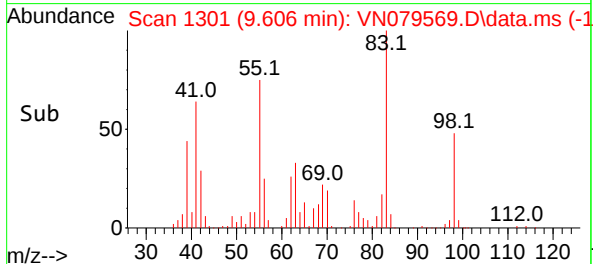
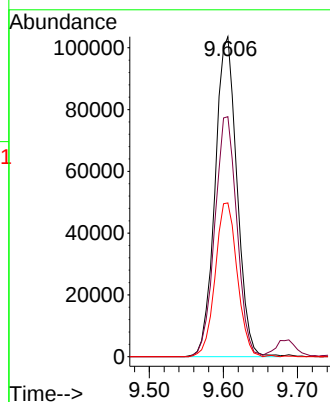
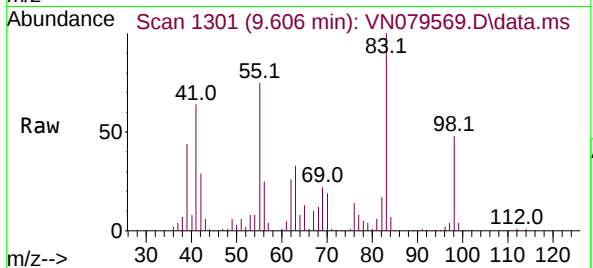
Tgt Ion: 83 Resp: 21250

Ion	Ratio	Lower	Upper
83	100		
55	75.0	49.1	73.7
98	48.1	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#40

Benzene

Concen: 46.822 ug/l

RT: 8.606 min Scan# 1131

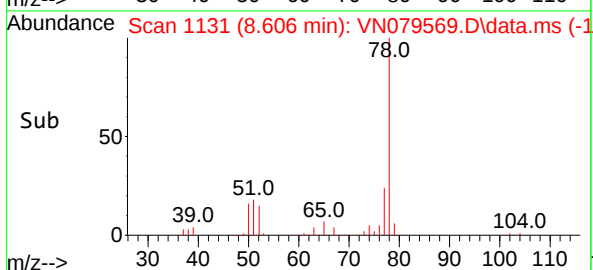
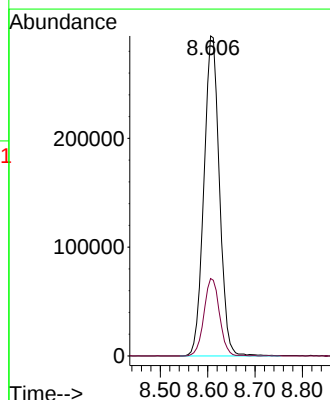
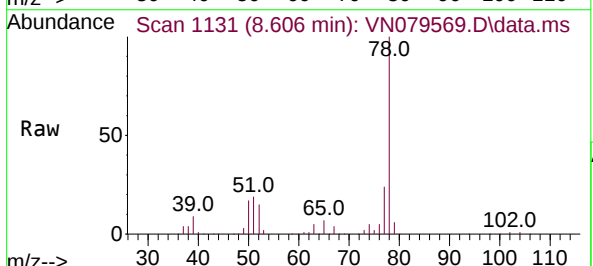
Delta R.T. -0.006 min

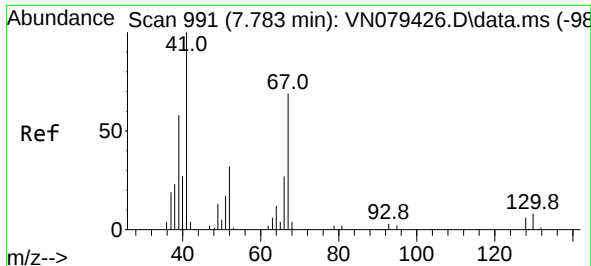
Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Tgt Ion: 78 Resp: 666959

Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.6





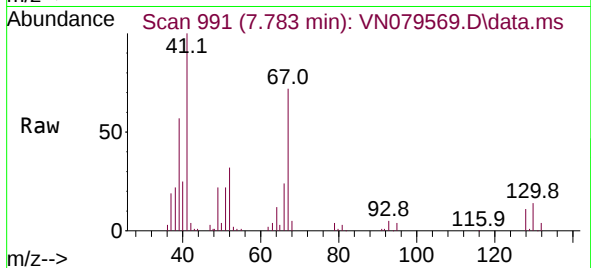
#41
Methacrylonitrile
Concen: 44.652 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

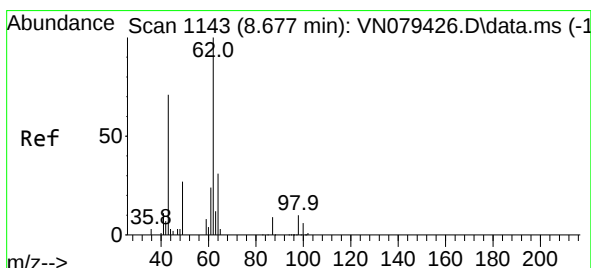
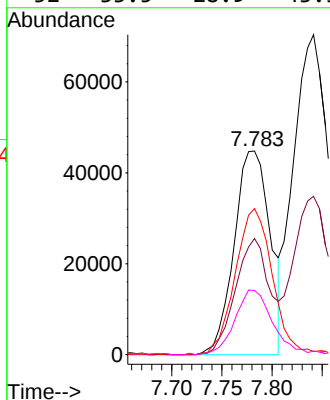
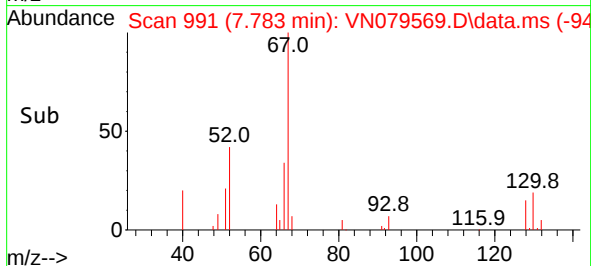


Tgt Ion: 41 Resp: 11203
Ion Ratio Lower Upper
41 100
39 54.2 42.6 64.0
67 74.3 77.5 116.3
52 33.5 28.9 43.3

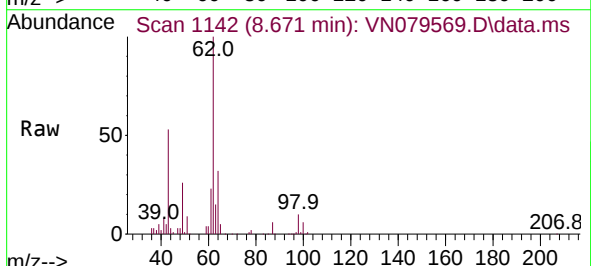
Manual Integrations

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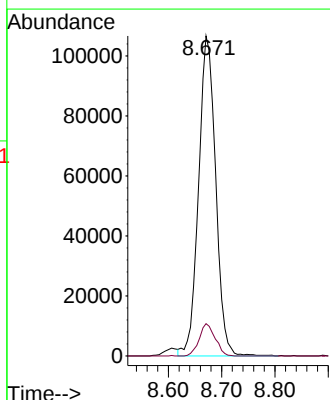
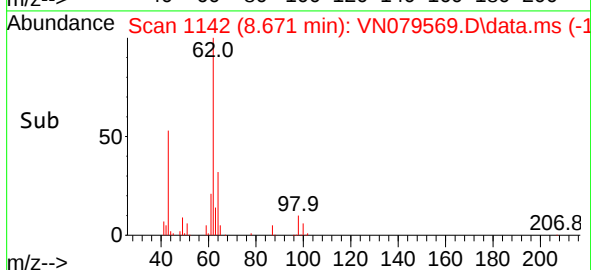
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

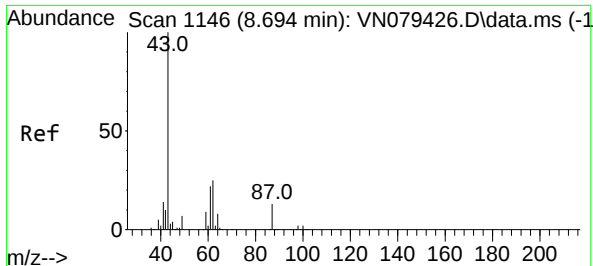


#42
1,2-Dichloroethane
Concen: 45.988 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11



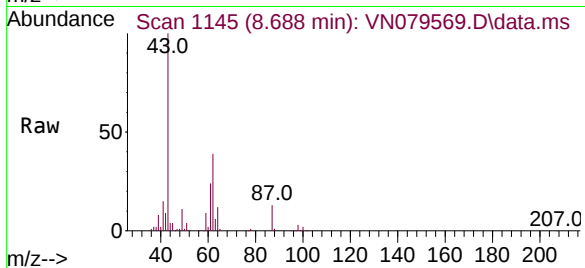
Tgt Ion: 62 Resp: 238029
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.8





#43
Isopropyl Acetate
Concen: 42.121 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

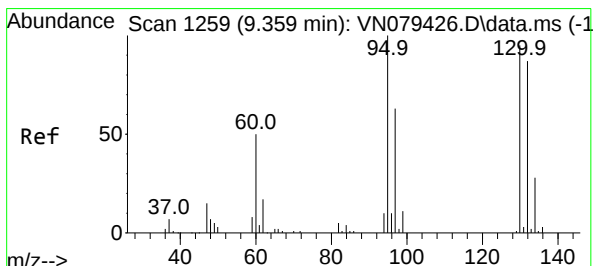
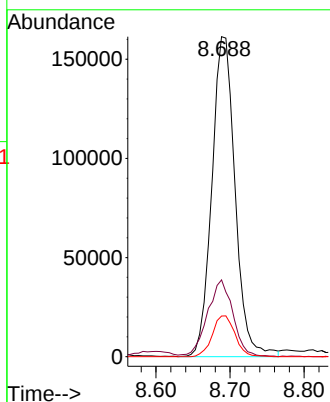
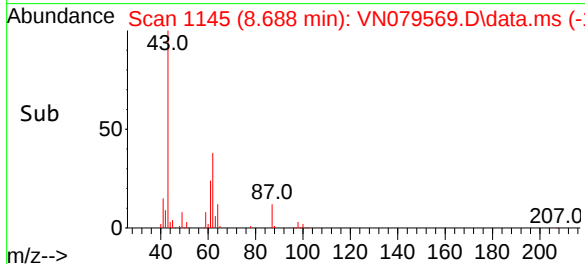
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



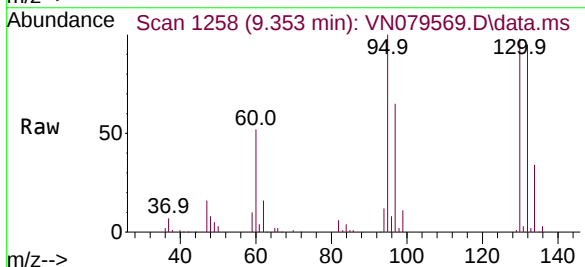
Tgt Ion: 43 Resp: 352190
Ion Ratio Lower Upper
43 100
61 26.4 24.7 37.1
87 12.4 14.6 21.8

Manual Integrations
APPROVED

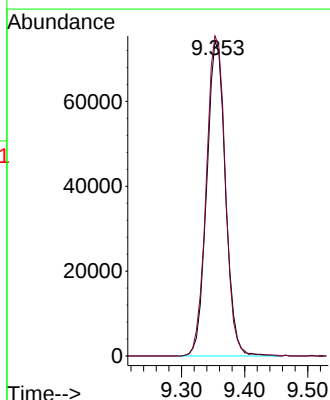
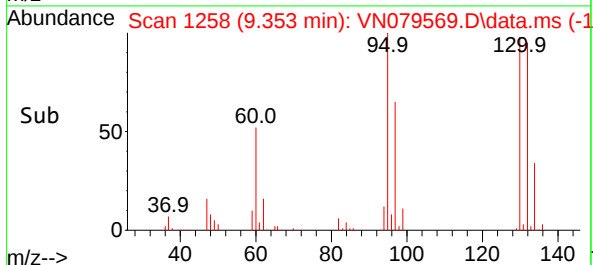
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

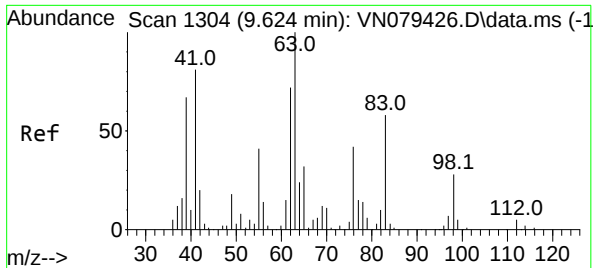


#44
Trichloroethene
Concen: 45.584 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11



Tgt Ion:130 Resp: 152830
Ion Ratio Lower Upper
130 100
95 101.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 46.524 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 174609

Ion Ratio Lower Upper

63 100

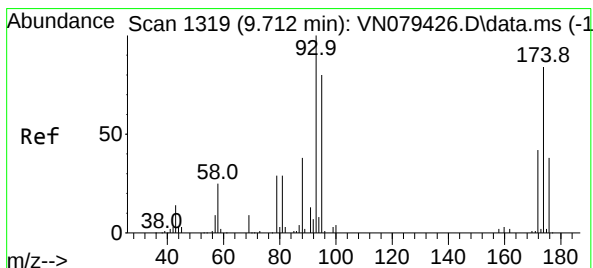
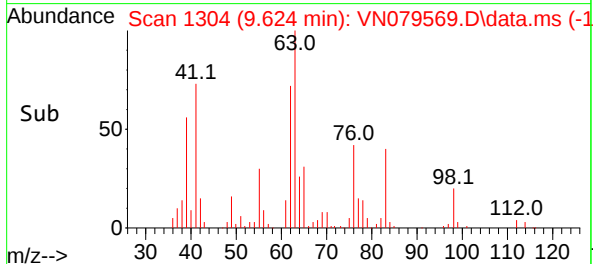
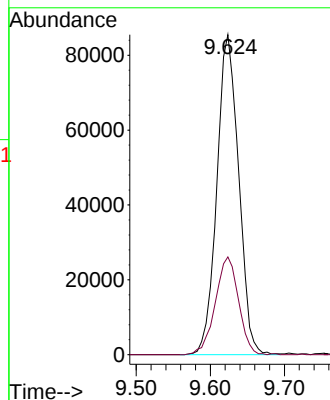
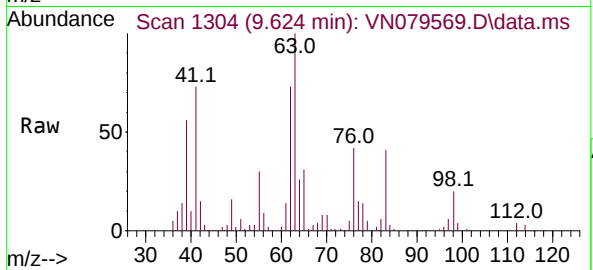
65 30.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023

Supervised By :Mahesh Dadoda 10/16/2023



#46

Dibromomethane

Concen: 47.050 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

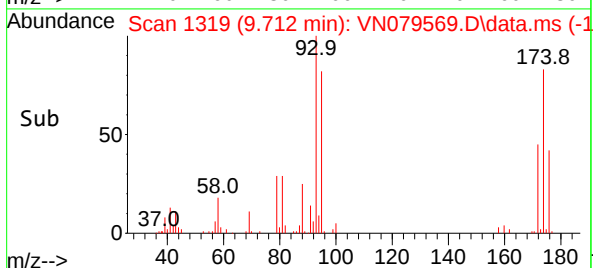
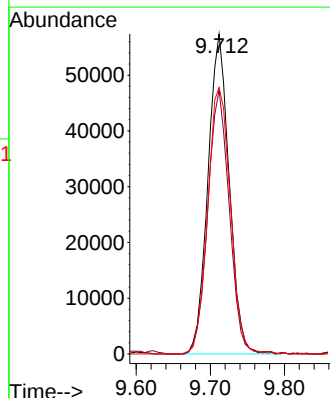
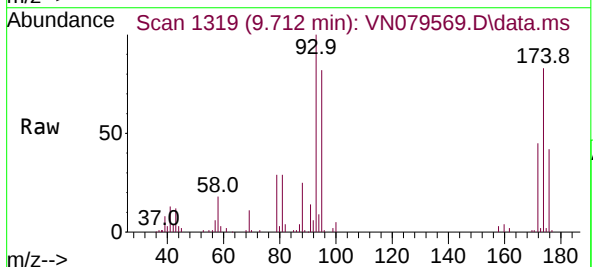
Tgt Ion: 93 Resp: 114367

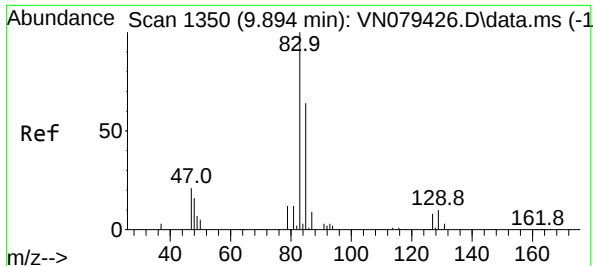
Ion Ratio Lower Upper

93 100

95 83.3 63.8 95.8

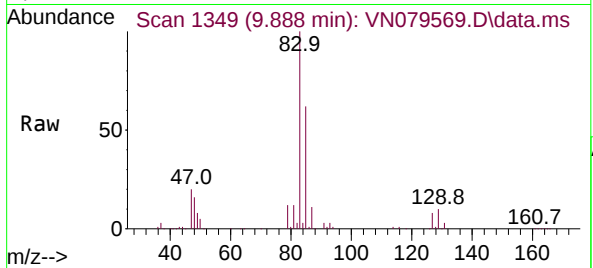
174 88.5 65.6 98.4





#47
Bromodichloromethane
Concen: 47.989 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

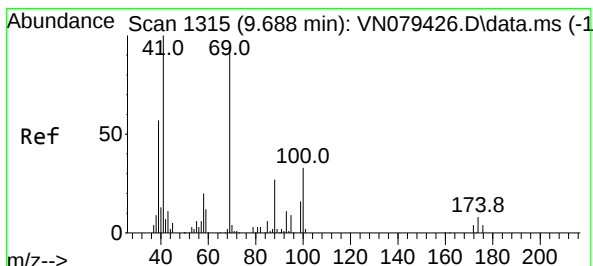
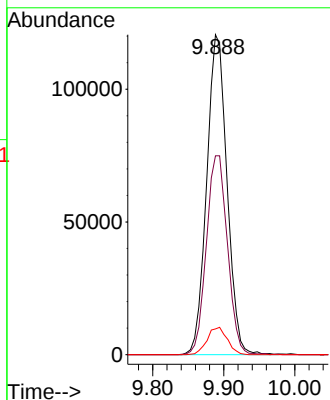
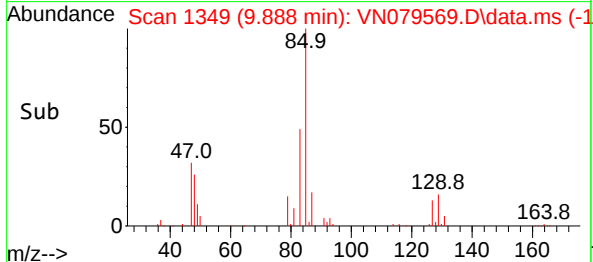
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 239950
Ion Ratio Lower Upper
83 100
85 62.2 49.6 74.4
127 8.0 7.0 10.6

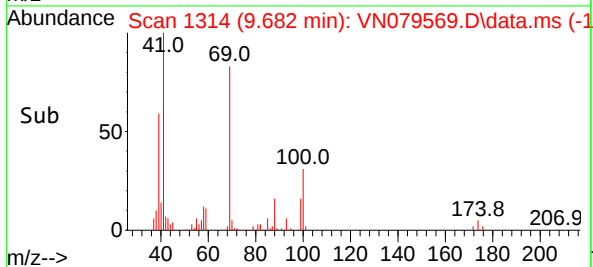
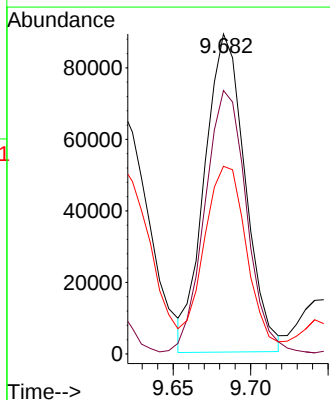
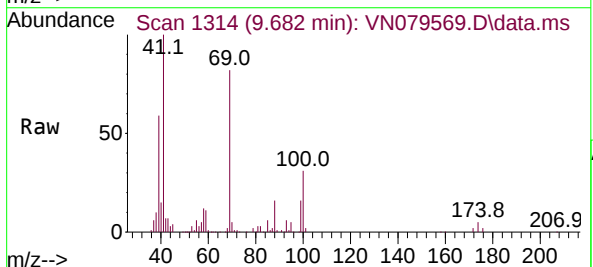
Manual Integrations
APPROVED

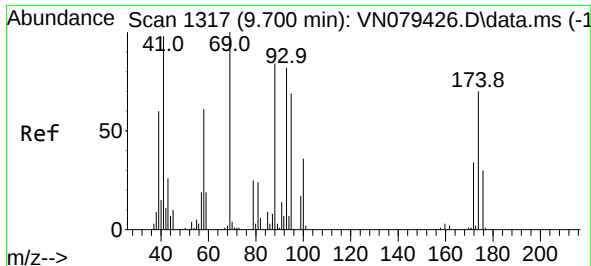
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#48
Methyl methacrylate
Concen: 45.178 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

Tgt Ion: 41 Resp: 161873
Ion Ratio Lower Upper
41 100
69 85.3 90.4 135.6#
39 62.9 54.6 81.8





#49

1,4-Dioxane

Concen: 865.422 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

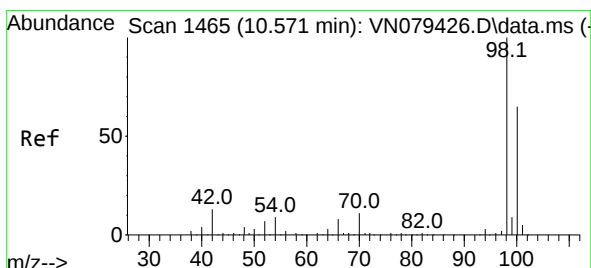
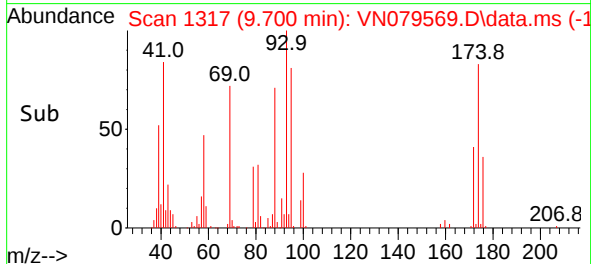
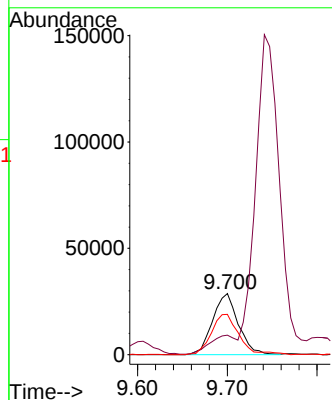
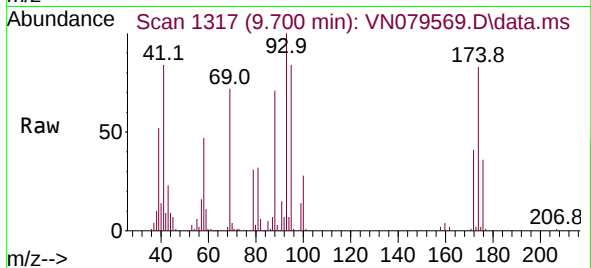
Tgt Ion: 88 Resp: 57110

Ion	Ratio	Lower	Upper
88	100		
43	28.4	17.0	25.6
58	71.1	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#50

Toluene-d8

Concen: 51.560 ug/l

RT: 10.571 min Scan# 1465

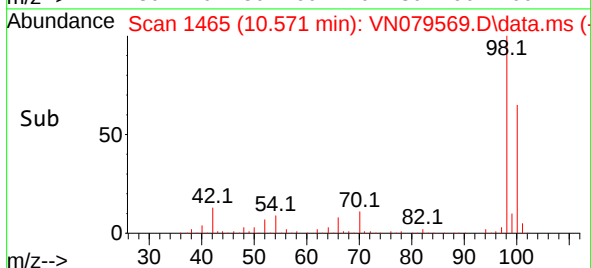
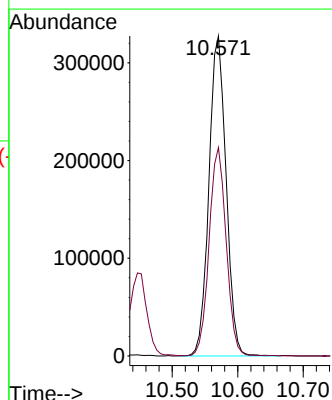
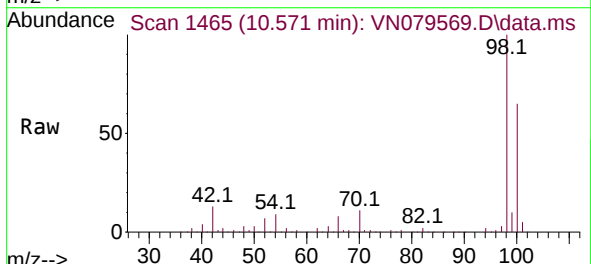
Delta R.T. 0.000 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Tgt Ion: 98 Resp: 596201

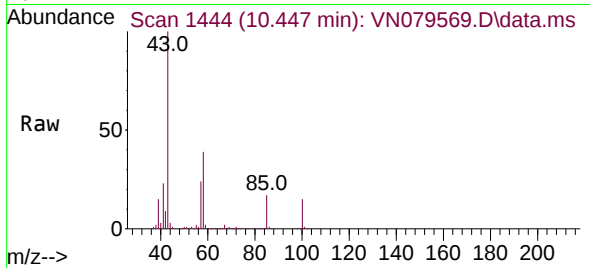
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 220.018 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

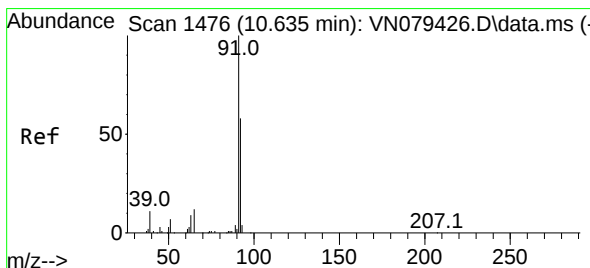
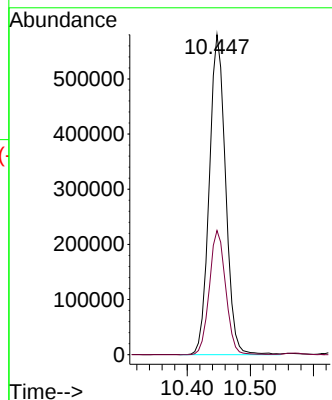
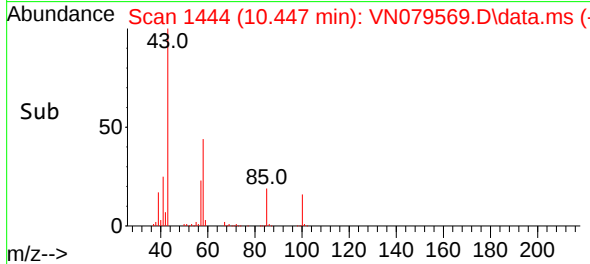
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 103849
Ion Ratio Lower Upper
43 100
58 38.8 36.6 54.8

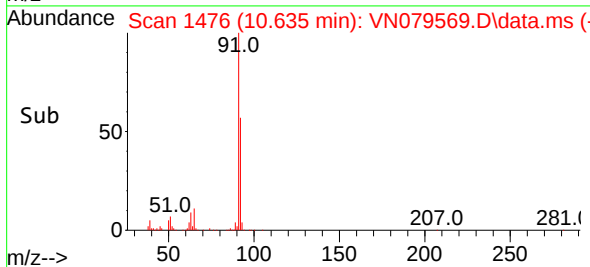
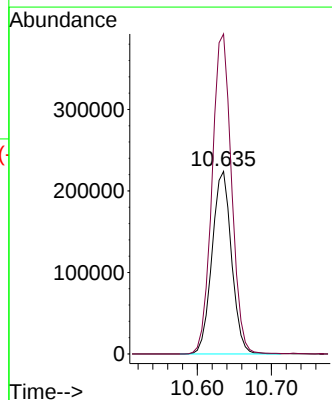
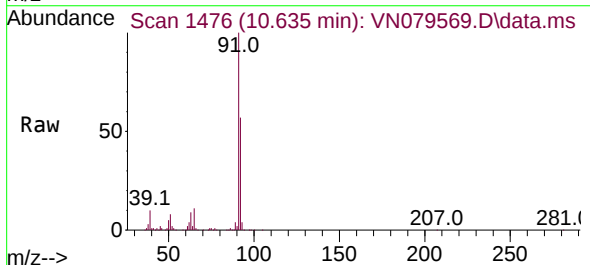
Manual Integrations
APPROVED

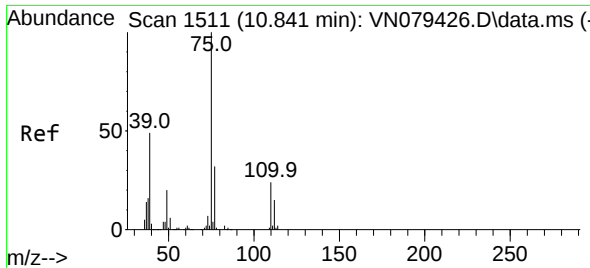
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#52
Toluene
Concen: 48.780 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

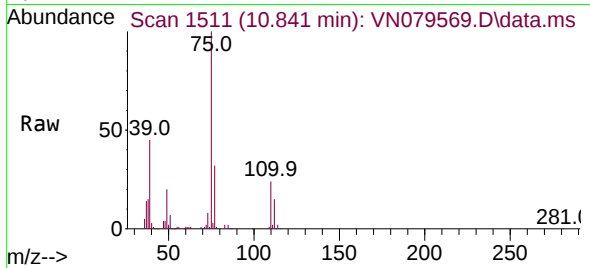
Tgt Ion: 92 Resp: 409015
Ion Ratio Lower Upper
92 100
91 175.1 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 49.377 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

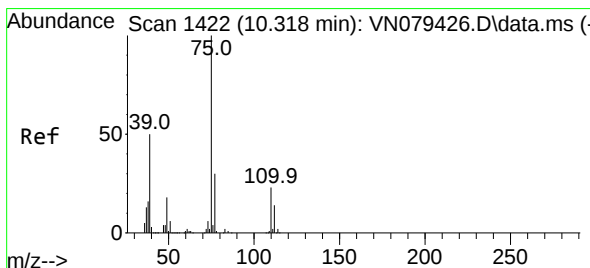
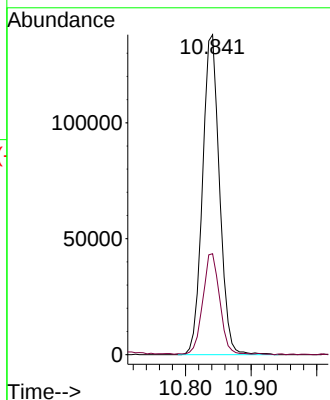
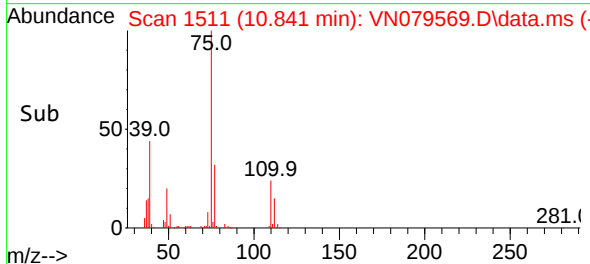
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



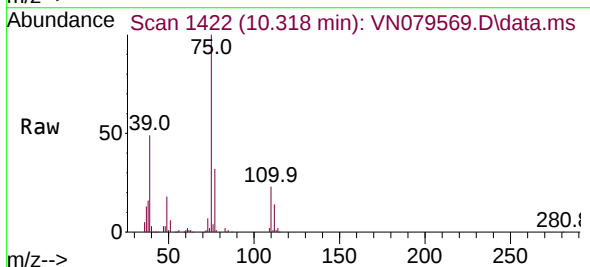
Tgt Ion: 75 Resp: 24880
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0

Manual Integrations
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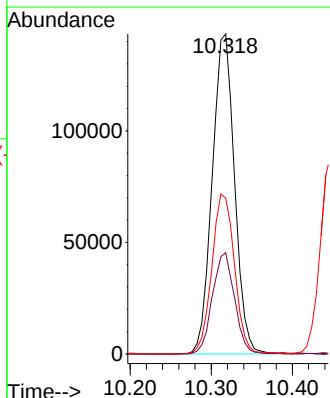
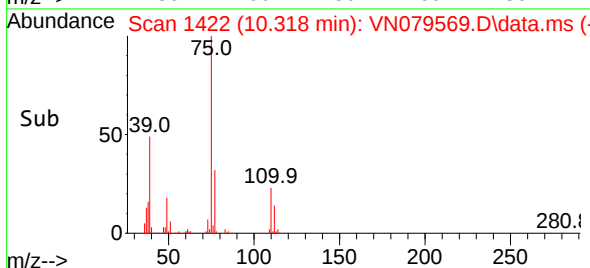
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

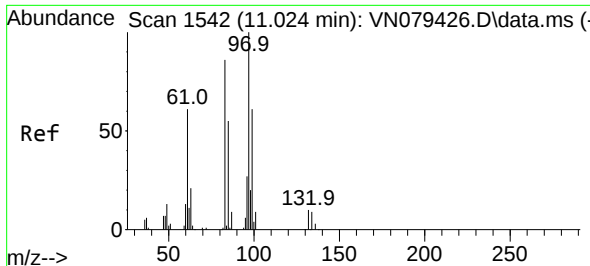


#54
cis-1,3-Dichloropropene
Concen: 49.725 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11



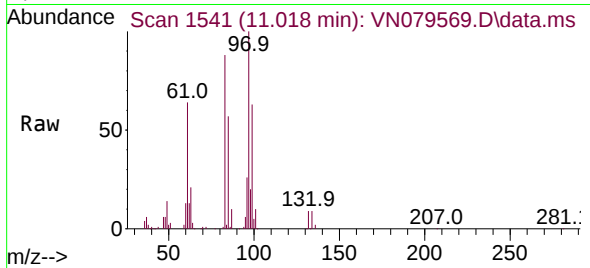
Tgt Ion: 75 Resp: 274284
Ion Ratio Lower Upper
75 100
77 31.7 26.1 39.1
39 48.7 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 47.568 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

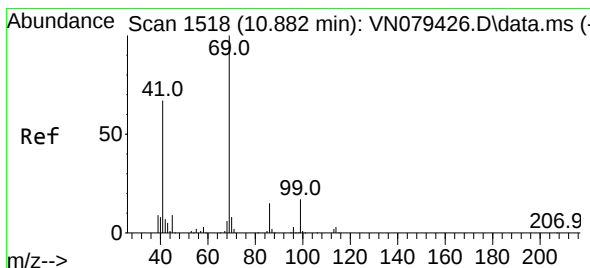
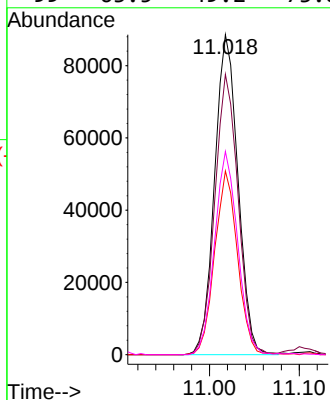
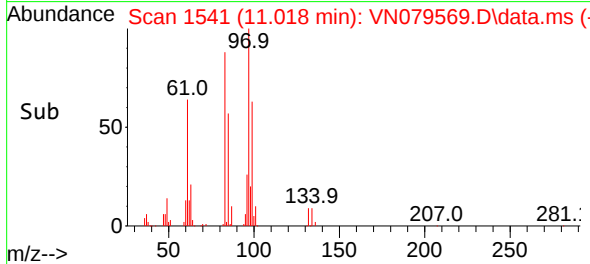
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 160125
Ion Ratio Lower Upper
97 100
83 87.6 65.1 97.7
85 57.4 43.4 65.2
99 63.5 49.2 73.8

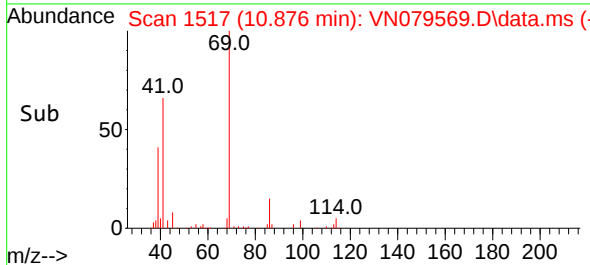
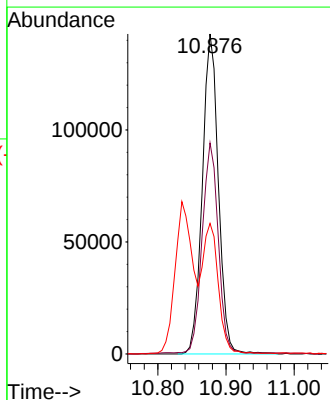
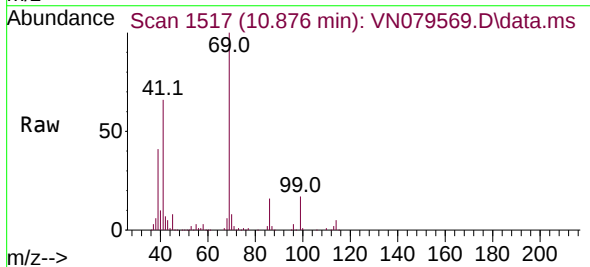
Manual Integrations
APPROVED

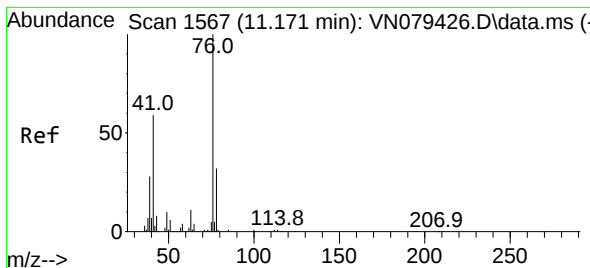
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#56
Ethyl methacrylate
Concen: 50.655 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

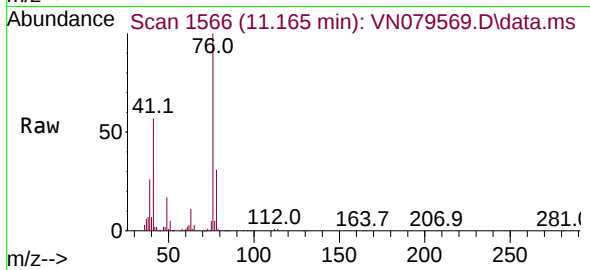
Tgt Ion: 69 Resp: 234314
Ion Ratio Lower Upper
69 100
41 67.0 39.6 59.4#
39 39.6 28.6 43.0





#57
1,3-Dichloropropane
Concen: 48.696 ug/l
RT: 11.165 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

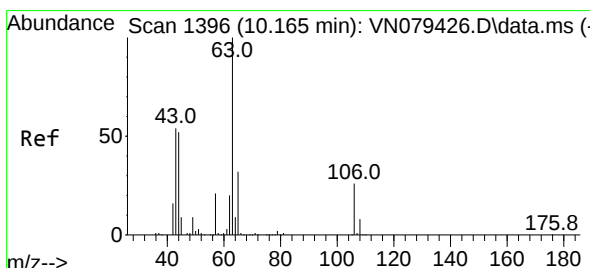
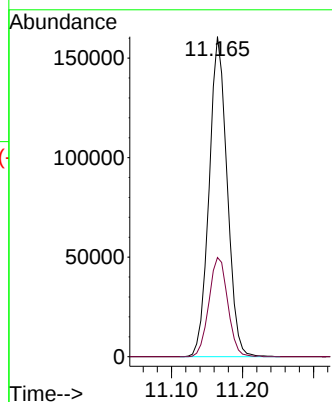
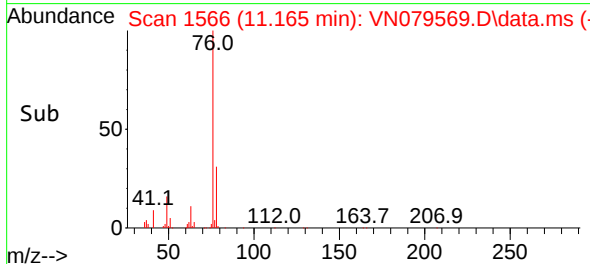
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 283052
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1

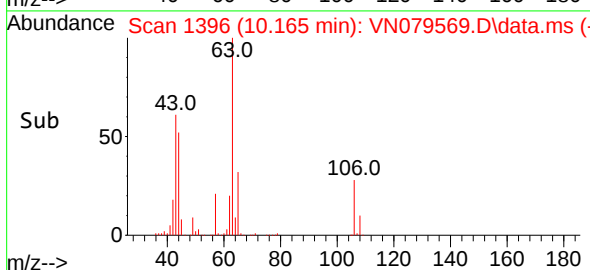
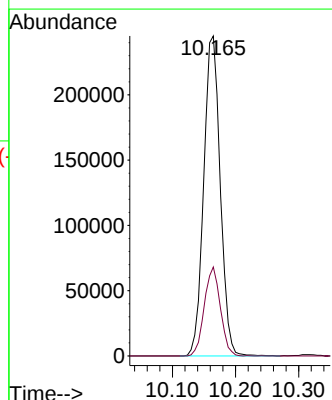
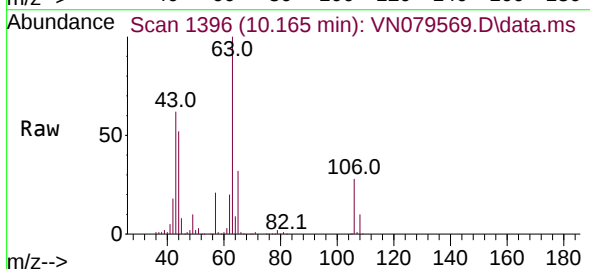
Manual Integrations
APPROVED

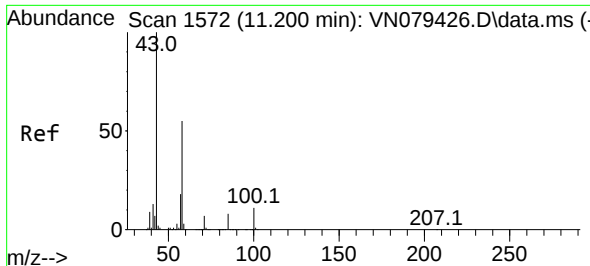
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#58
2-Chloroethyl Vinyl ether
Concen: 251.477 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

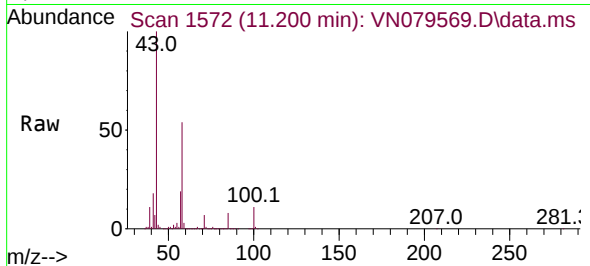
Tgt Ion: 63 Resp: 445483
Ion Ratio Lower Upper
63 100
106 27.0 26.2 39.4





#59
2-Hexanone
Concen: 217.929 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

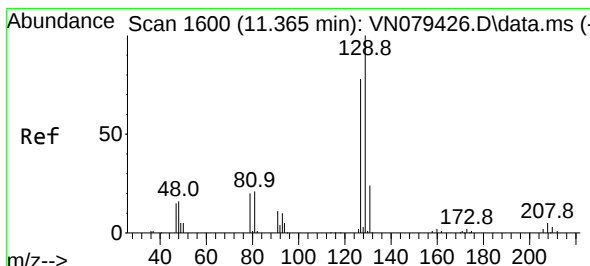
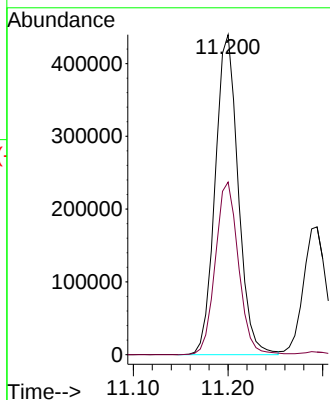
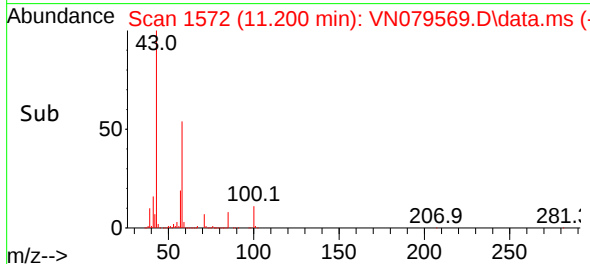
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



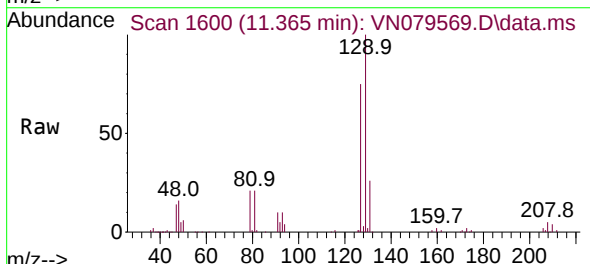
Tgt Ion: 43 Resp: 74226
Ion Ratio Lower Upper
43 100
58 54.3 31.7 95.1

Manual Integrations
APPROVED

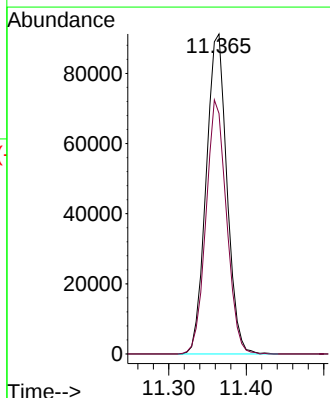
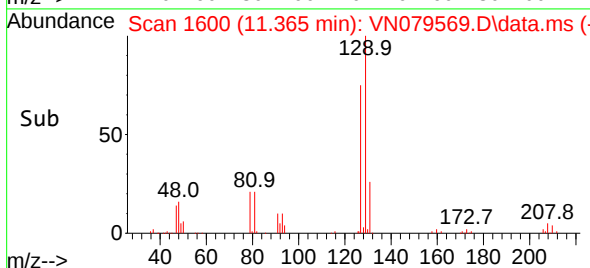
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

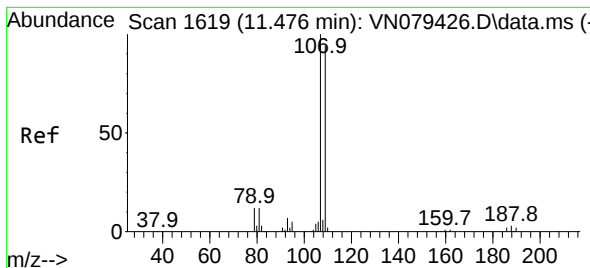


#60
Dibromochloromethane
Concen: 50.186 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11



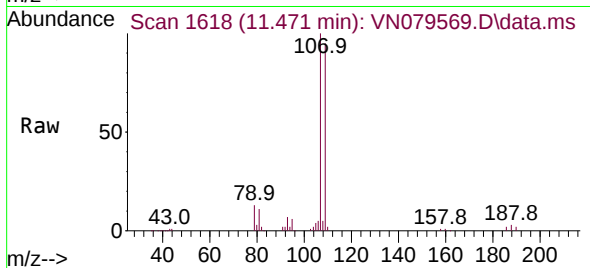
Tgt Ion:129 Resp: 169786
Ion Ratio Lower Upper
129 100
127 78.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 46.370 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

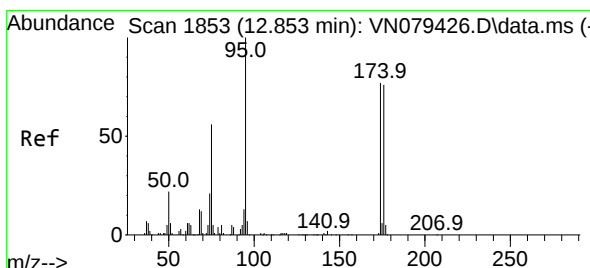
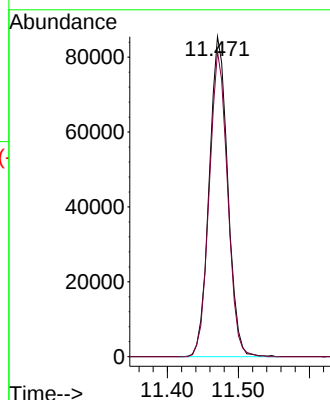
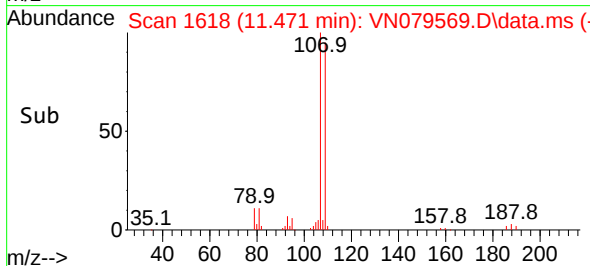
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 15490
Ion Ratio Lower Upper
107 100
109 94.1 76.6 114.8

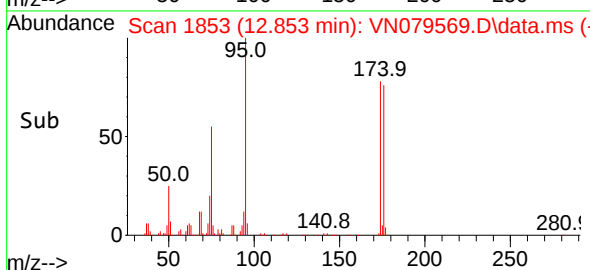
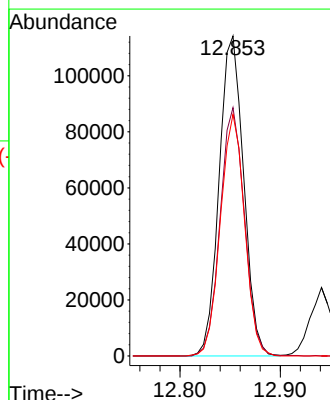
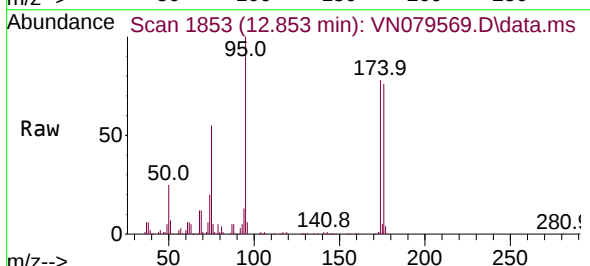
Manual Integrations
APPROVED

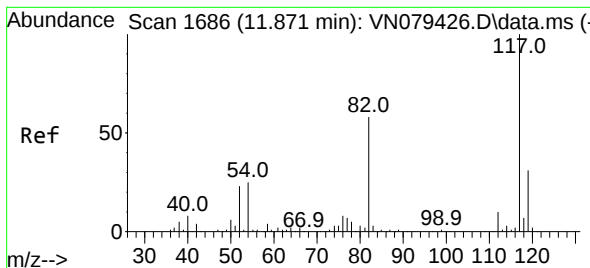
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#62
4-Bromofluorobenzene
Concen: 52.175 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

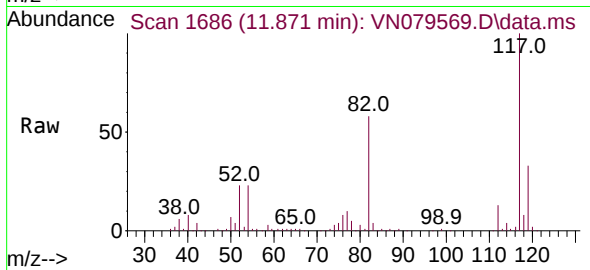
Tgt Ion: 95 Resp: 193617
Ion Ratio Lower Upper
95 100
174 77.2 0.0 143.8
176 74.3 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

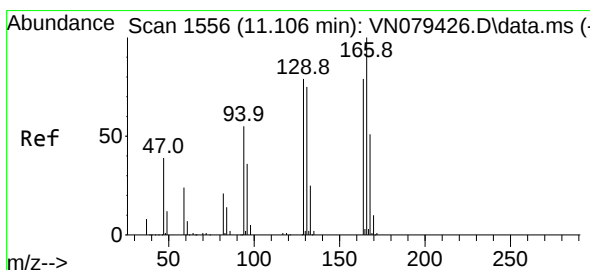
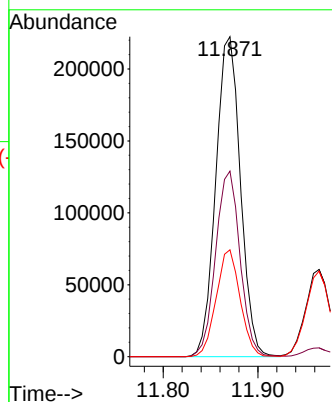
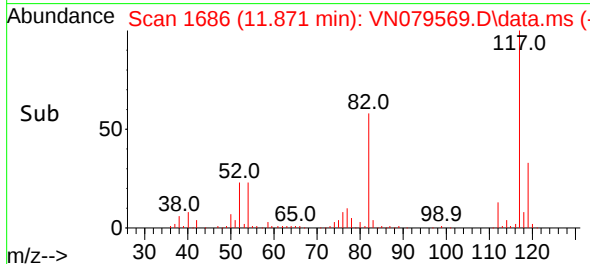
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 403370
Ion Ratio Lower Upper
117 100
82 58.0 44.0 66.0
119 33.4 25.6 38.4

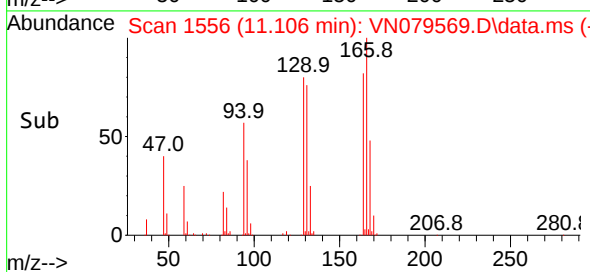
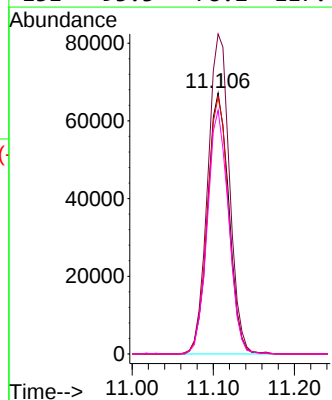
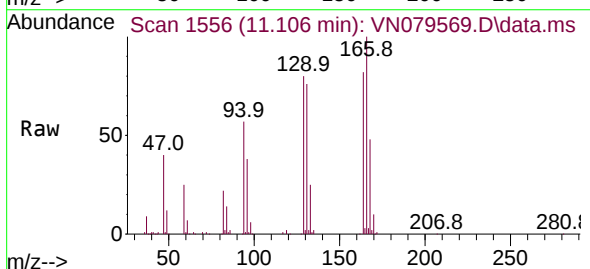
Manual Integrations
APPROVED

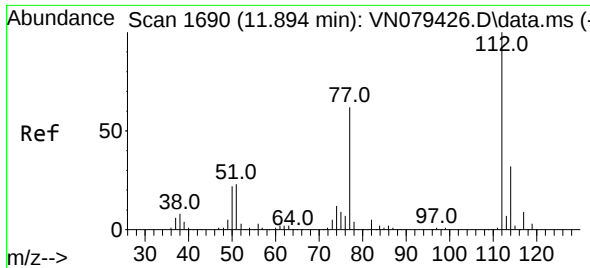
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#64
Tetrachloroethene
Concen: 44.210 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

Tgt Ion:164 Resp: 122678
Ion Ratio Lower Upper
164 100
166 122.6 101.4 152.0
129 98.5 82.4 123.6
131 93.3 78.2 117.4





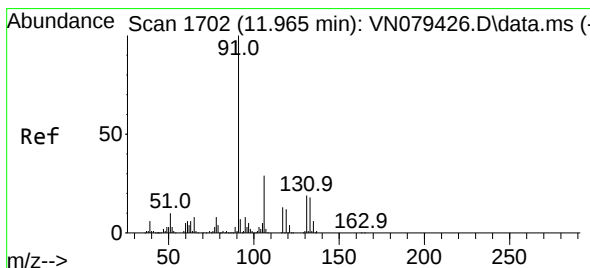
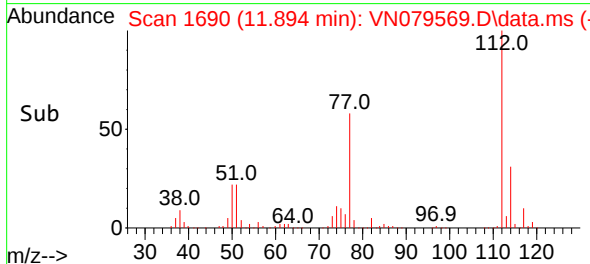
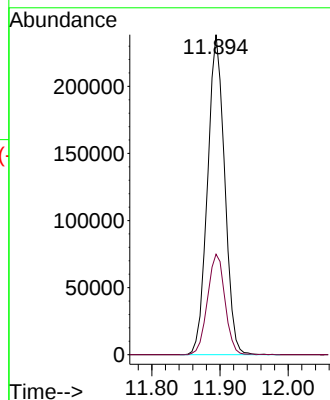
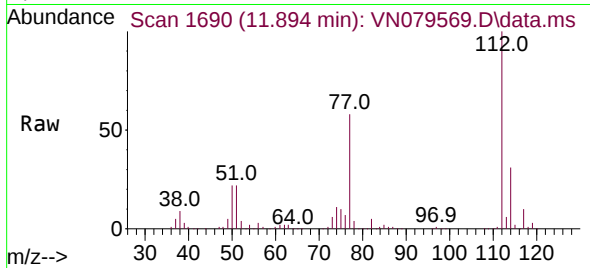
#65
Chlorobenzene
Concen: 46.300 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 415910
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.4

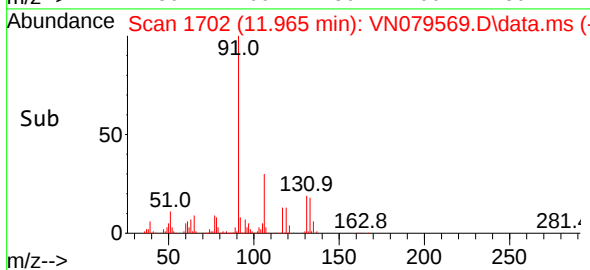
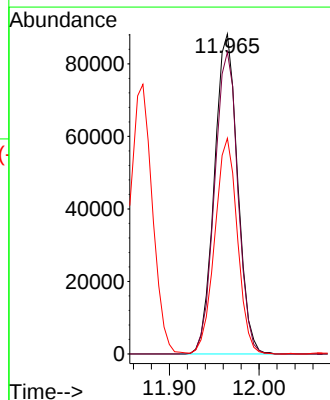
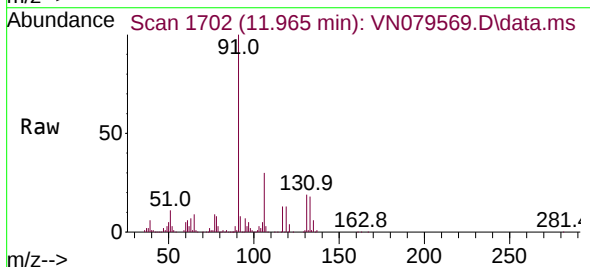
Manual Integrations
APPROVED

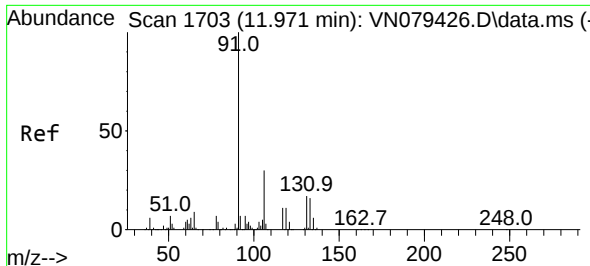
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 48.260 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

Tgt Ion:131 Resp: 158734
Ion Ratio Lower Upper
131 100
133 94.5 46.4 139.1
119 65.5 34.1 102.2





#67

Ethyl Benzene

Concen: 49.371 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.006 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 770858

Ion Ratio Lower Upper

91 100

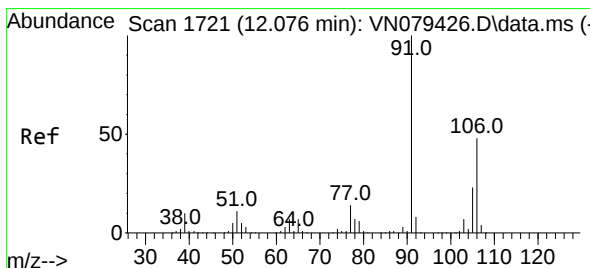
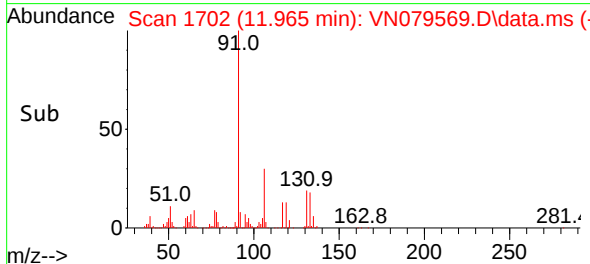
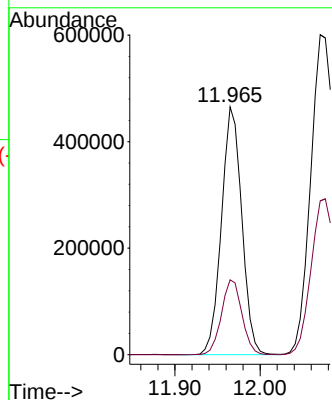
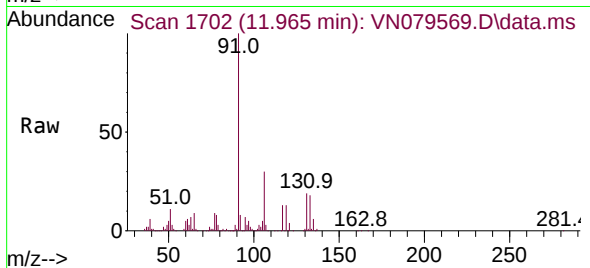
106 30.2 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023

Supervised By :Mahesh Dadoda 10/16/2023



#68

m/p-Xylenes

Concen: 101.743 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN079569.D

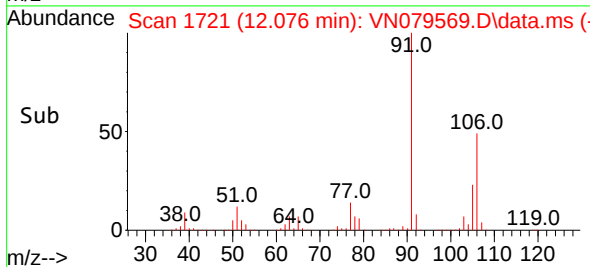
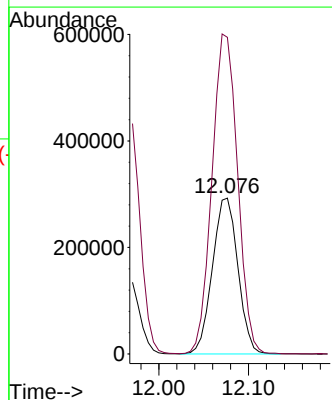
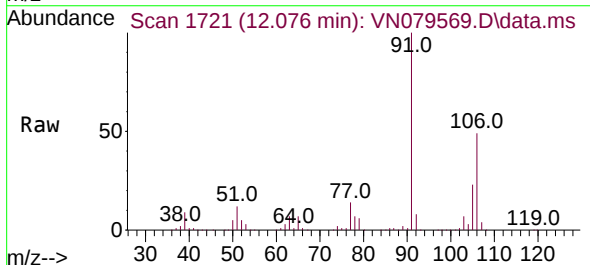
Acq: 13 Oct 2023 16:11

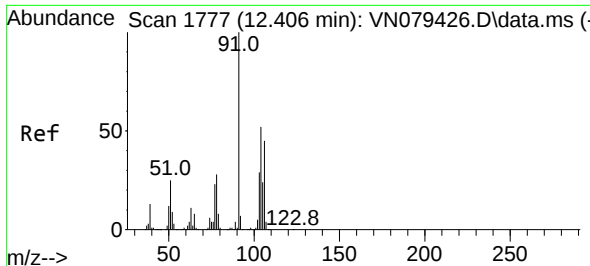
Tgt Ion:106 Resp: 577202

Ion Ratio Lower Upper

106 100

91 206.6 159.6 239.4





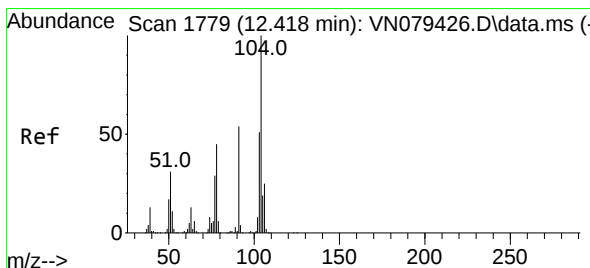
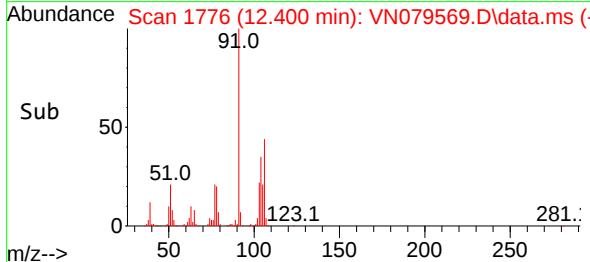
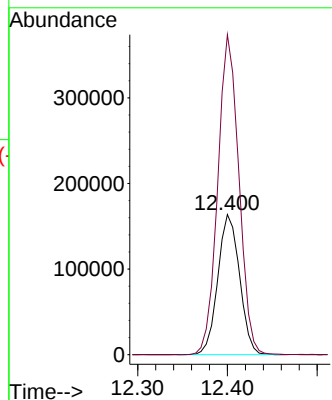
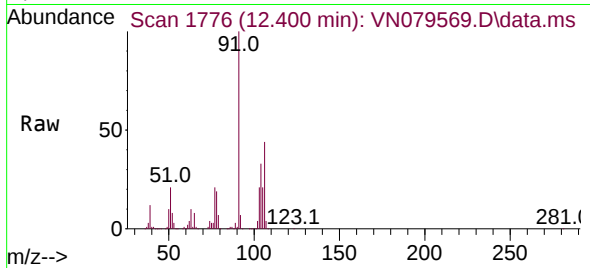
#69
o-Xylene
Concen: 49.359 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 27538
Ion Ratio Lower Upper
106 100
91 222.4 105.2 315.5

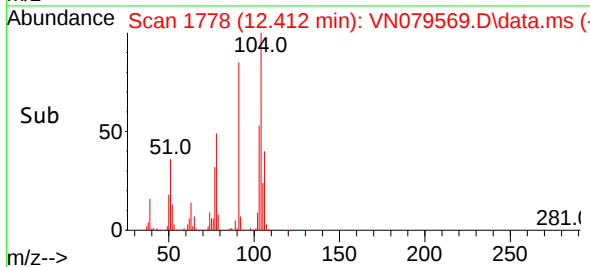
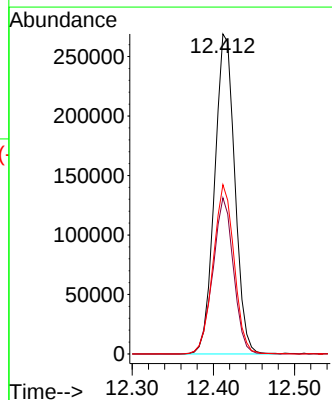
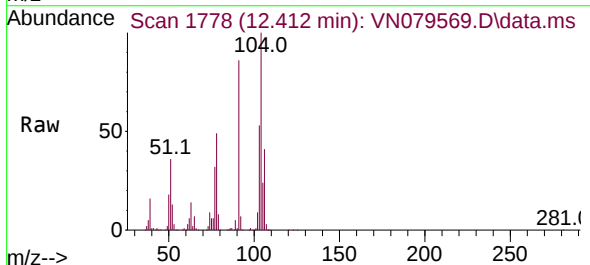
Manual Integrations
APPROVED

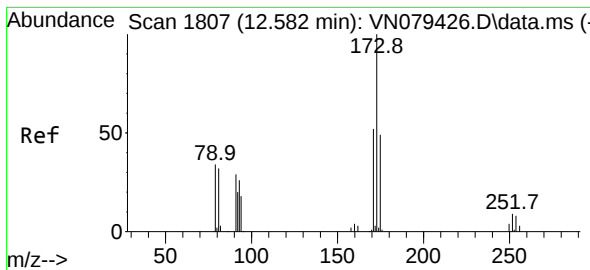
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#70
Styrene
Concen: 52.722 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

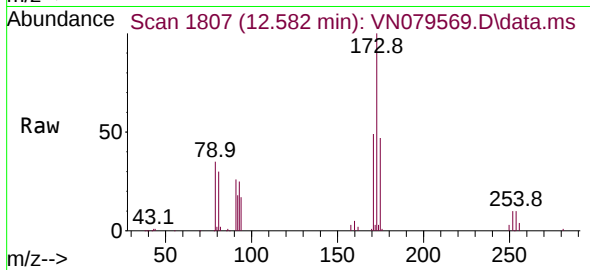
Tgt Ion:104 Resp: 464625
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 55.0 43.2 64.8





#71
Bromoform
Concen: 46.137 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

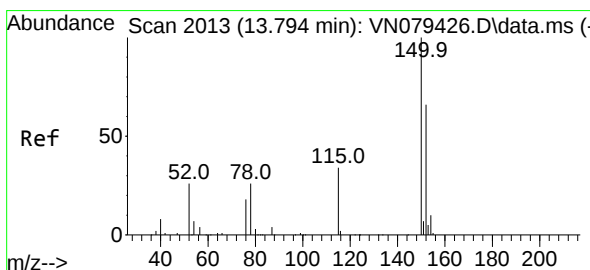
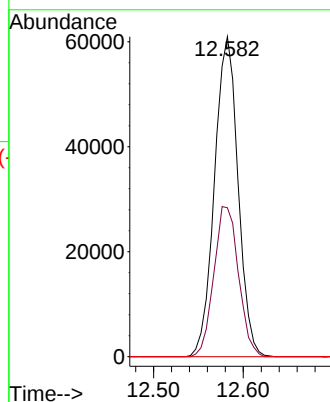
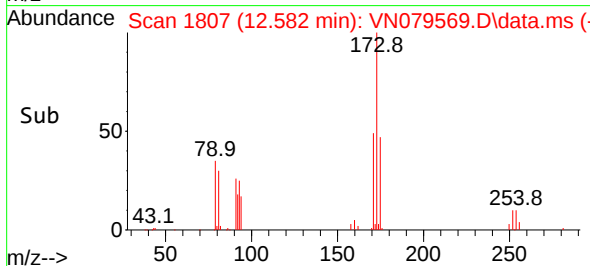
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



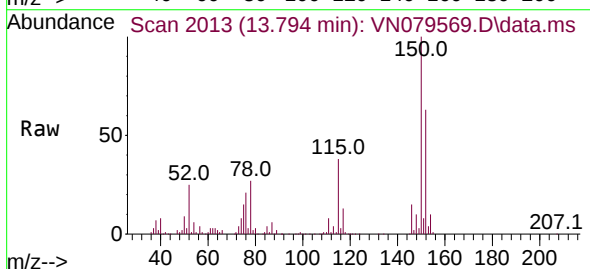
Tgt Ion:173 Resp: 111064
Ion Ratio Lower Upper
173 100
175 49.1 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

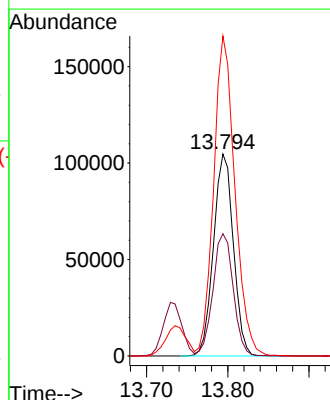
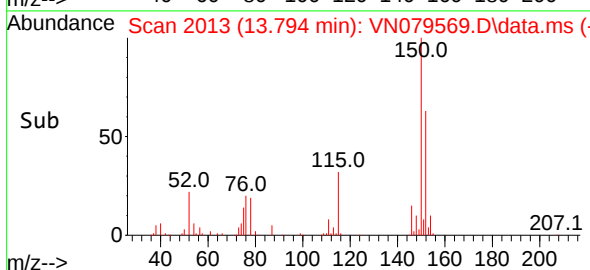
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

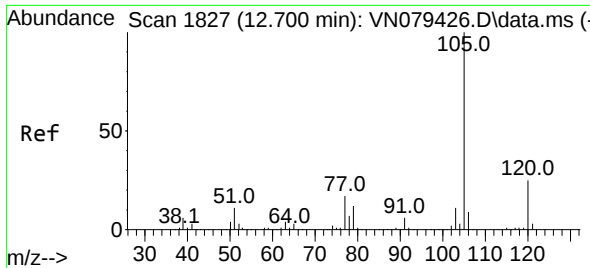


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11



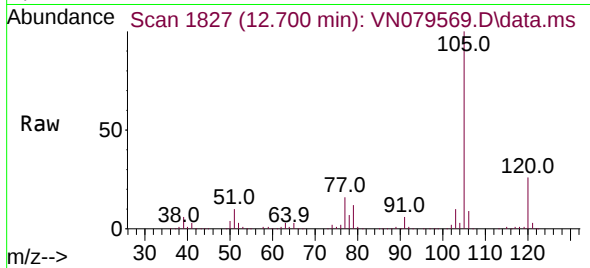
Tgt Ion:152 Resp: 178204
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 169.4 0.0 355.8





#73
Isopropylbenzene
Concen: 42.953 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

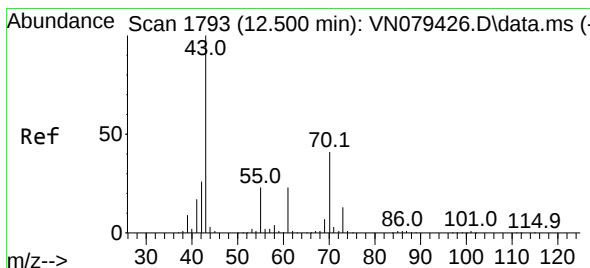
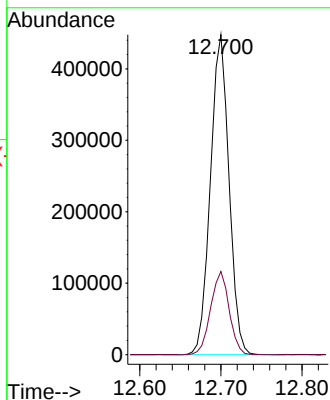
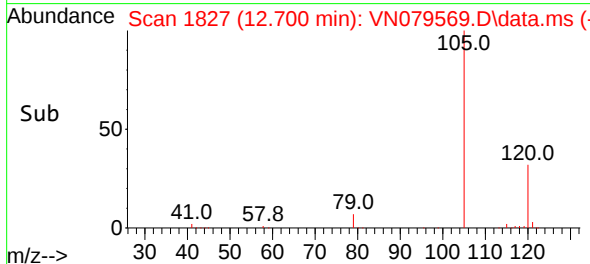
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



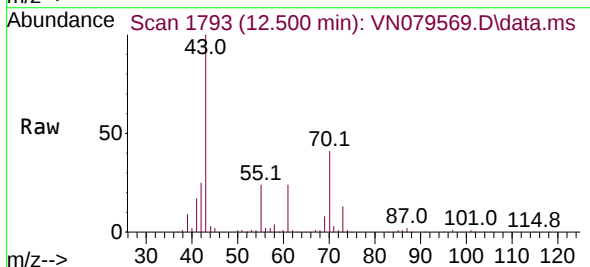
Tgt Ion:105 Resp: 712110
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1

Manual Integrations
APPROVED

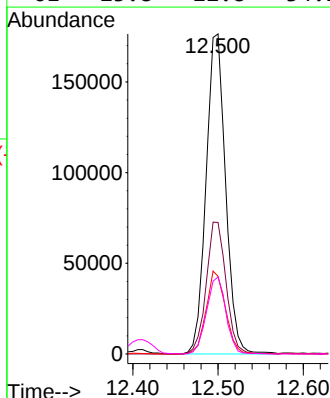
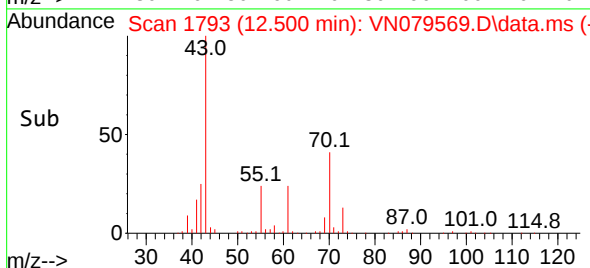
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

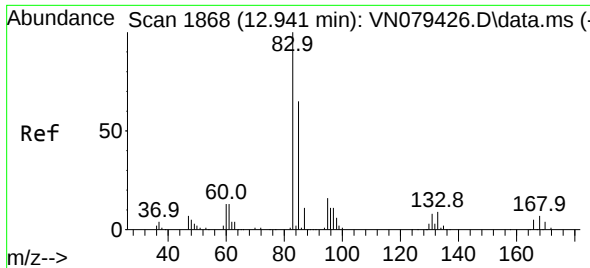


#74
N-ethyl acetate
Concen: 41.452 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11



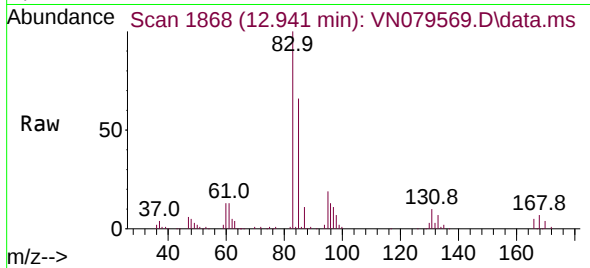
Tgt Ion: 43 Resp: 281733
Ion Ratio Lower Upper
43 100
70 41.9 43.4 65.2#
55 25.8 21.4 32.0
61 23.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 42.183 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

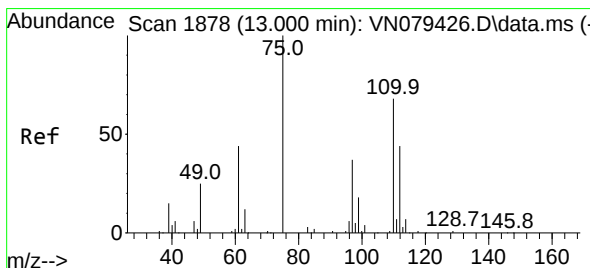
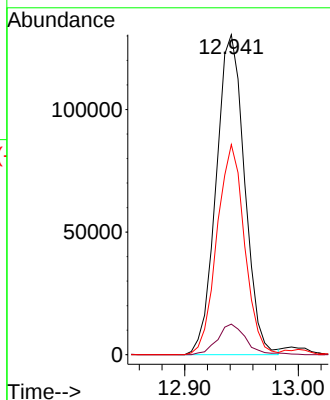
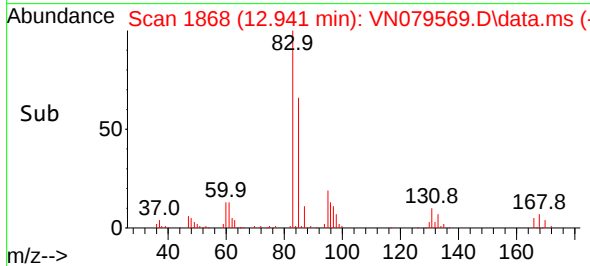
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



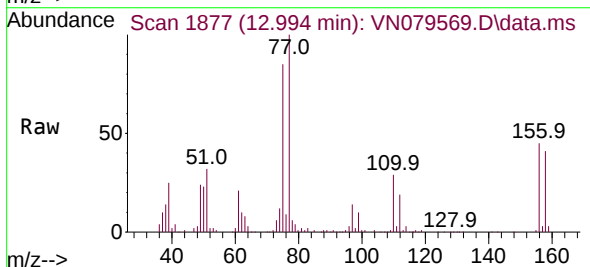
Tgt Ion: 83 Resp: 226740
Ion Ratio Lower Upper
83 100
131 9.6 5.0 15.0
85 63.8 31.9 95.7

Manual Integrations
APPROVED

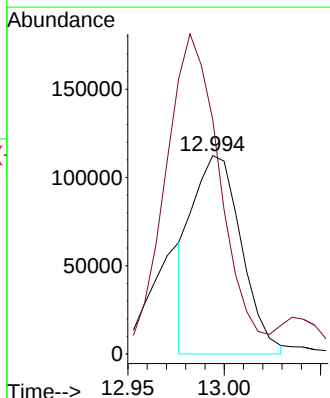
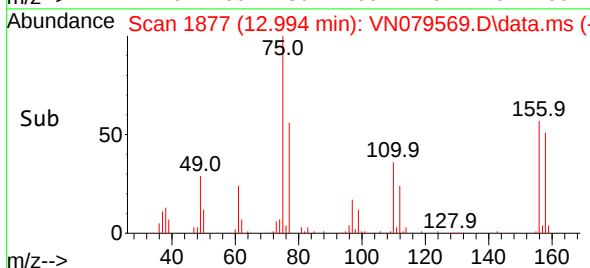
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

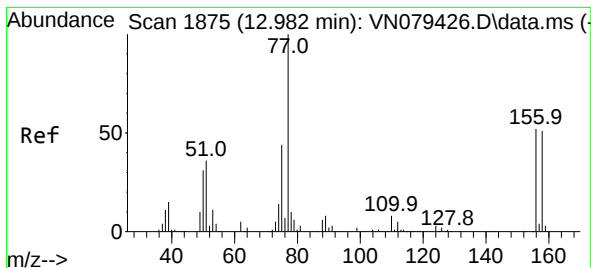


#76
1,2,3-Trichloropropane
Concen: 38.688 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11



Tgt Ion: 75 Resp: 198781
Ion Ratio Lower Upper
75 100
77 181.6 84.5 253.5





#77

Bromobenzene

Concen: 40.232 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Instrument :

MSVOA_N

ClientSampleId :

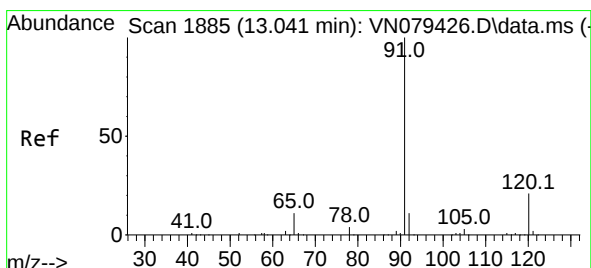
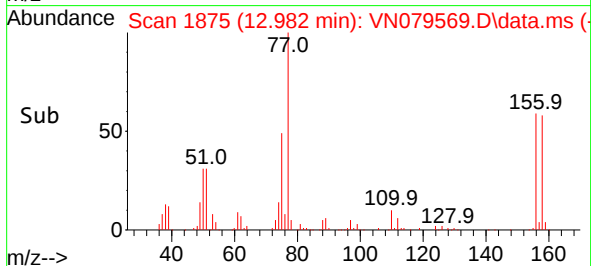
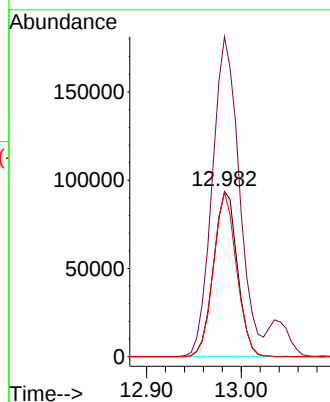
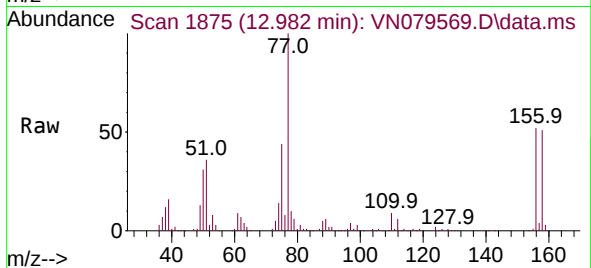
VSTDCCC050EC

Tgt Ion:156 Resp: 163549
 Ion Ratio Lower Upper
 156 100
 77 220.7 107.7 323.3
 158 96.5 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#78

n-propylbenzene

Concen: 45.194 ug/l

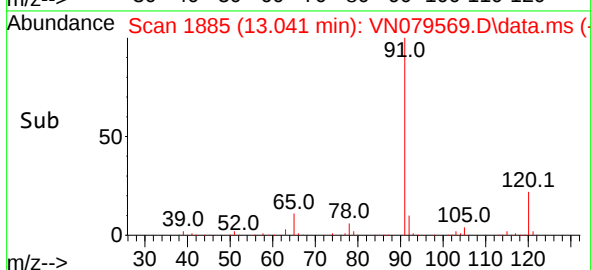
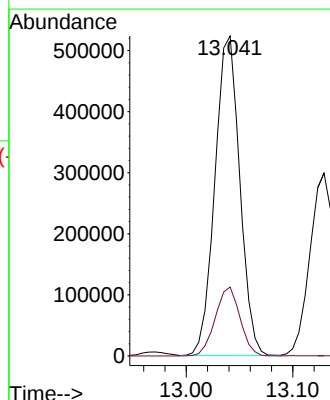
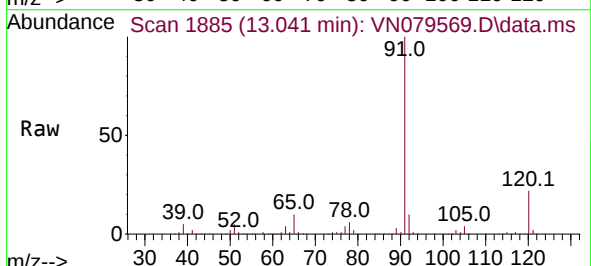
RT: 13.041 min Scan# 1885

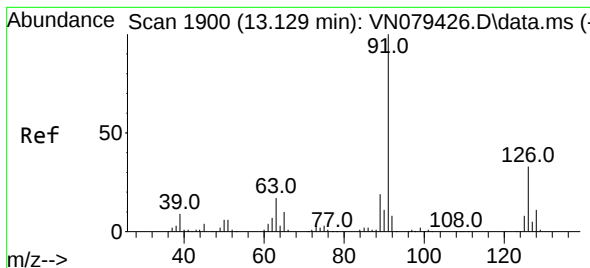
Delta R.T. 0.000 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Tgt Ion: 91 Resp: 847725
 Ion Ratio Lower Upper
 91 100
 120 21.4 11.5 34.4





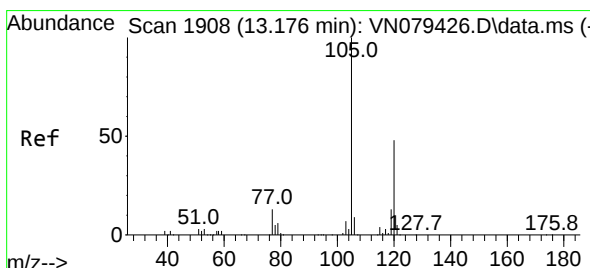
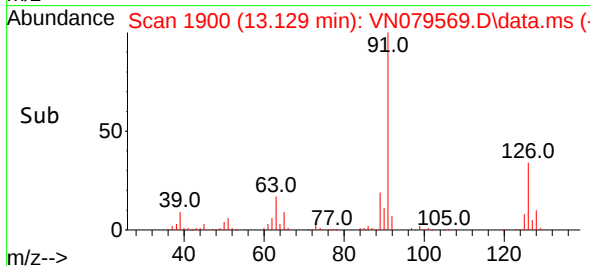
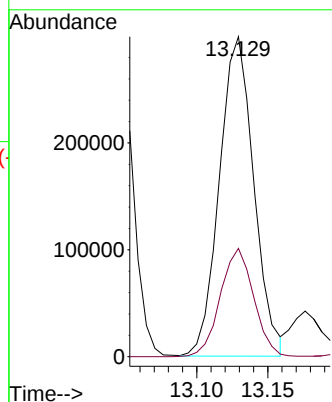
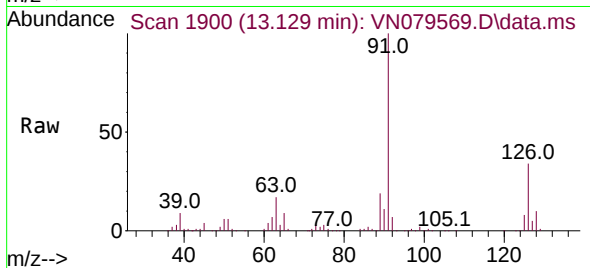
#79
2-Chlorotoluene
Concen: 41.968 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 50373
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.8

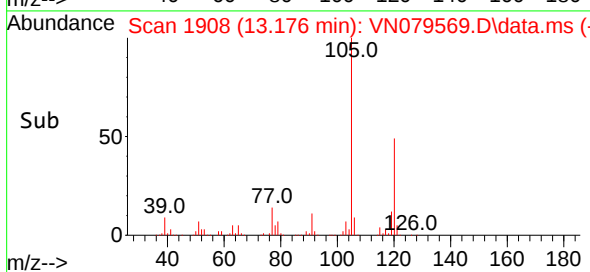
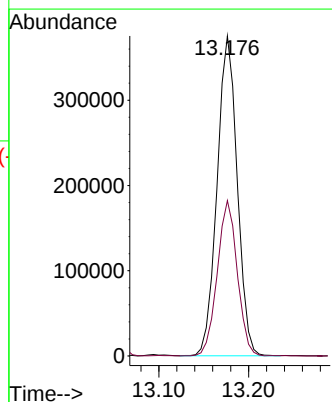
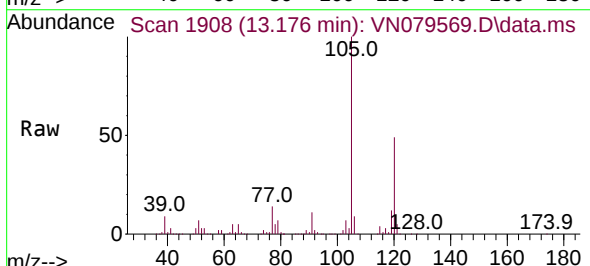
Manual Integrations
APPROVED

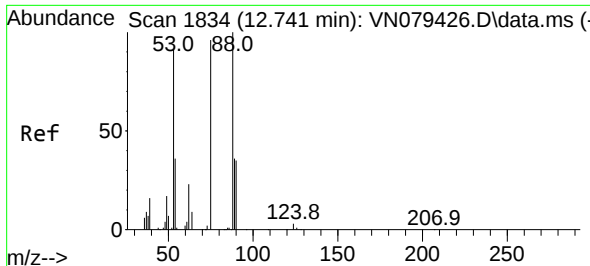
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#80
1,3,5-Trimethylbenzene
Concen: 44.711 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

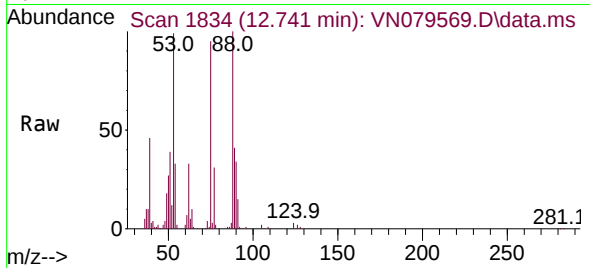
Tgt Ion:105 Resp: 584509
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 39.171 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

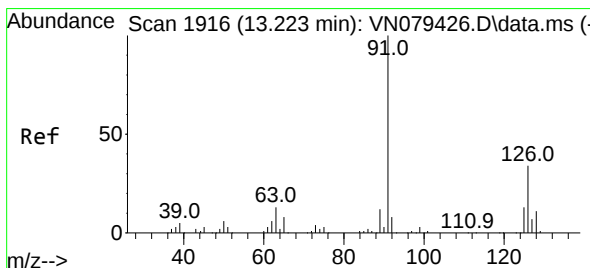
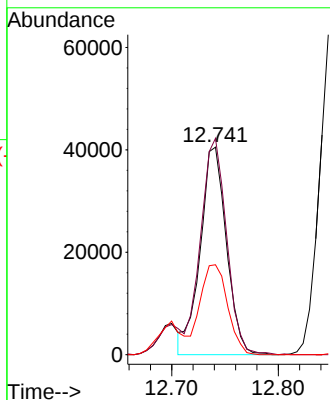
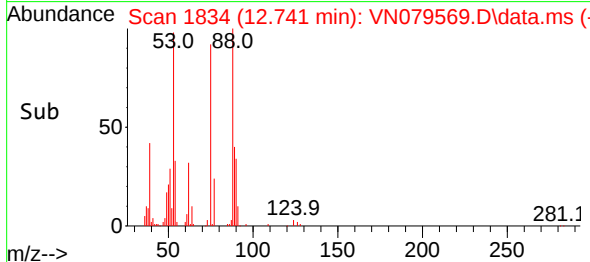
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



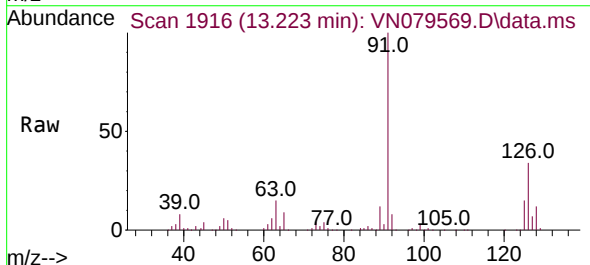
Tgt Ion: 75 Resp: 6936
Ion Ratio Lower Upper
75 100
53 102.9 67.4 101.2
89 44.4 38.8 58.2

Manual Integrations
APPROVED

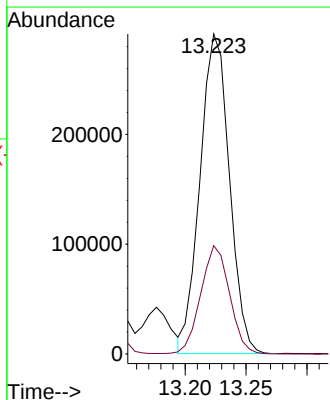
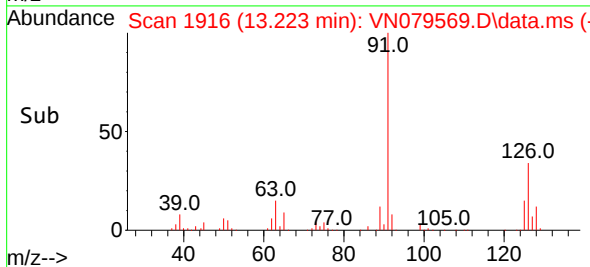
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

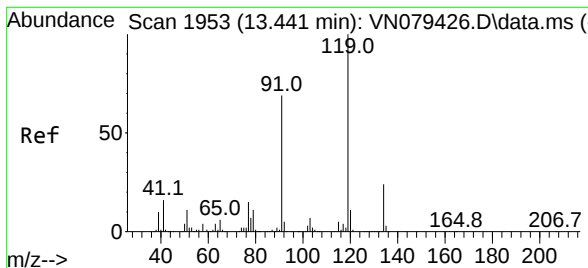


#82
4-Chlorotoluene
Concen: 42.916 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11



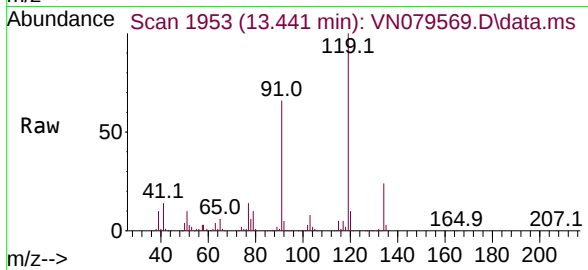
Tgt Ion: 91 Resp: 490175
Ion Ratio Lower Upper
91 100
126 33.2 16.7 50.0





#83
tert-Butylbenzene
Concen: 43.394 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

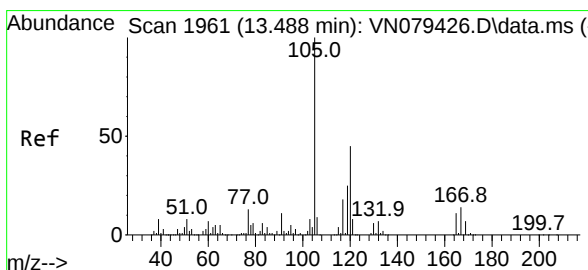
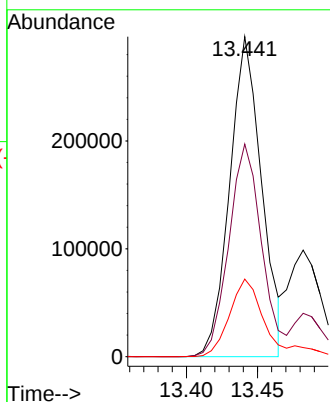
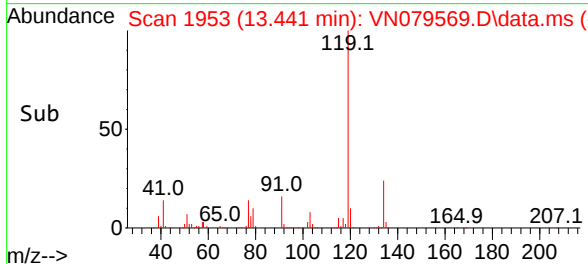
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



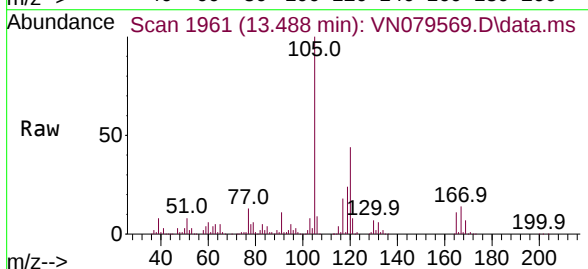
Tgt Ion:119 Resp: 464793
Ion Ratio Lower Upper
119 100
91 68.5 33.9 101.7
134 27.5 13.2 39.6

Manual Integrations
APPROVED

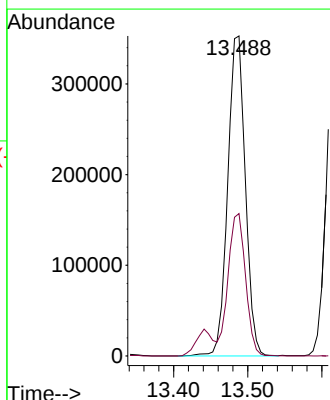
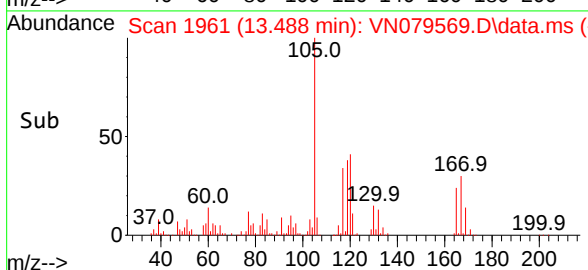
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

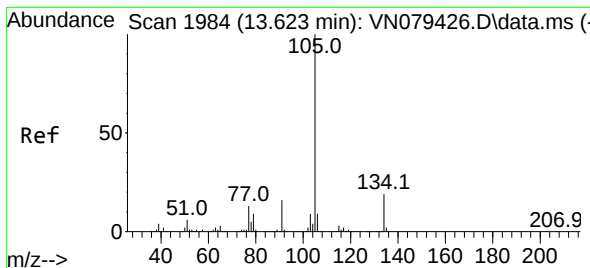


#84
1,2,4-Trimethylbenzene
Concen: 46.610 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11



Tgt Ion:105 Resp: 581512
Ion Ratio Lower Upper
105 100
120 44.1 22.0 66.0





#85

sec-Butylbenzene

Concen: 44.619 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.006 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 66661

Ion Ratio Lower Upper

105 100

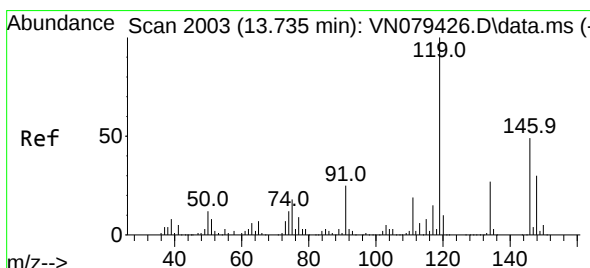
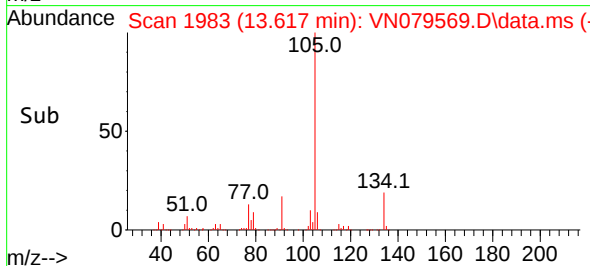
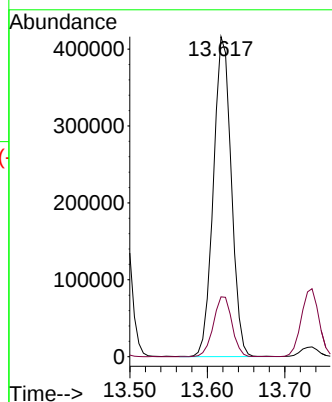
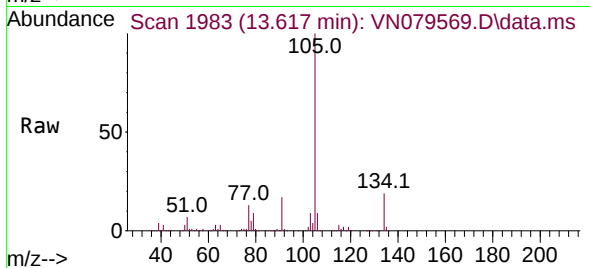
134 19.5 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023

Supervised By :Mahesh Dadoda 10/16/2023



#86

p-Isopropyltoluene

Concen: 47.447 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.006 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

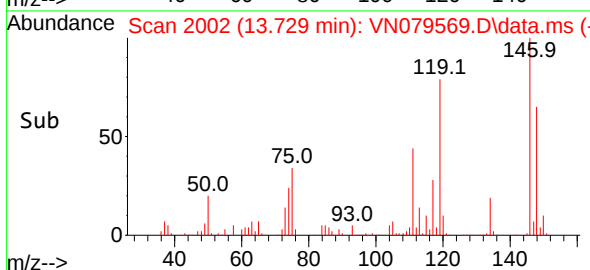
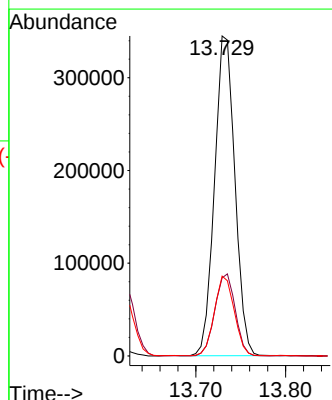
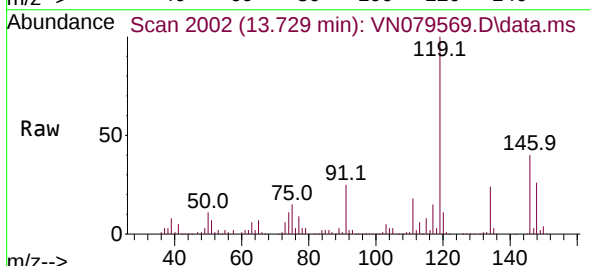
Tgt Ion:119 Resp: 543796

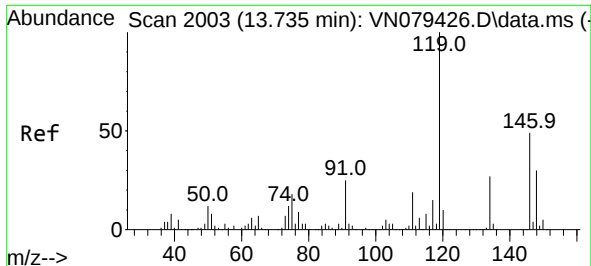
Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.8

91 24.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 44.159 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

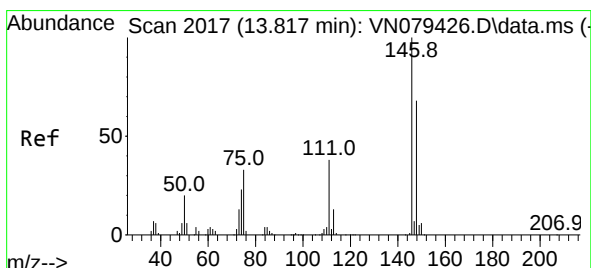
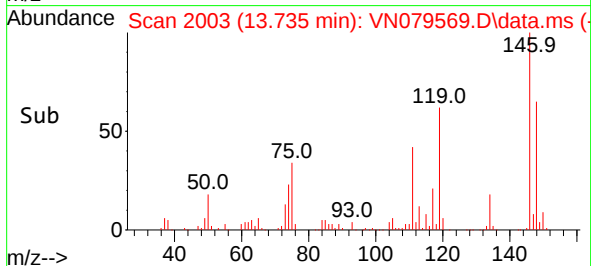
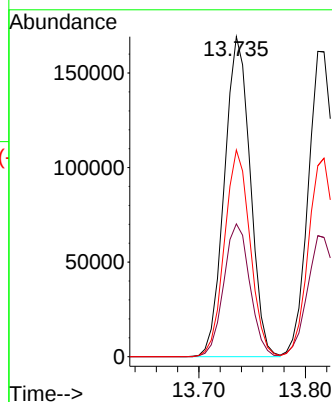
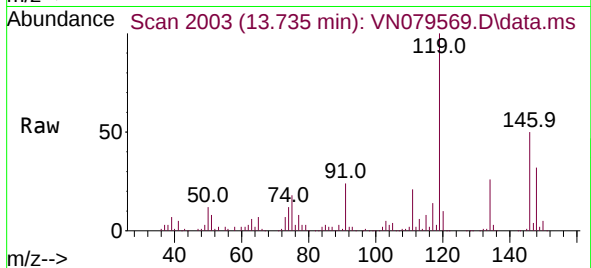
Tgt Ion:146 Resp: 284715

Ion	Ratio	Lower	Upper
146	100		
111	42.0	22.1	66.3
148	64.1	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#88

1,4-Dichlorobenzene

Concen: 41.685 ug/l

RT: 13.812 min Scan# 2016

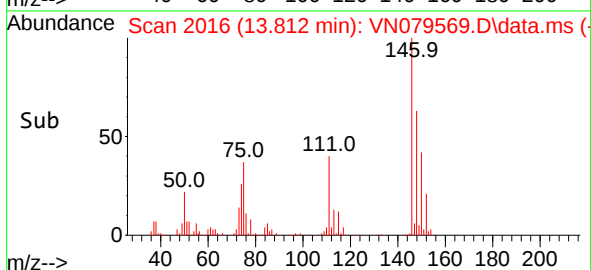
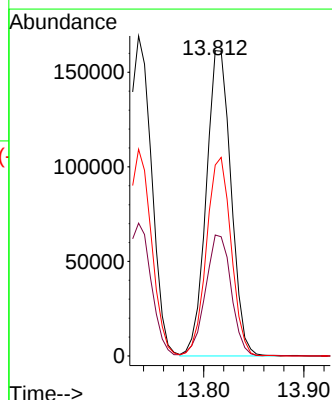
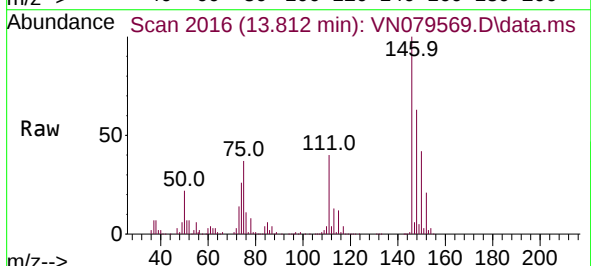
Delta R.T. -0.006 min

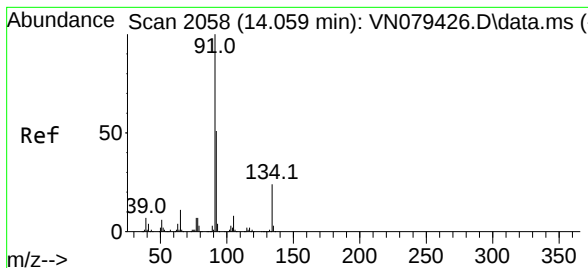
Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Tgt Ion:146 Resp: 277515

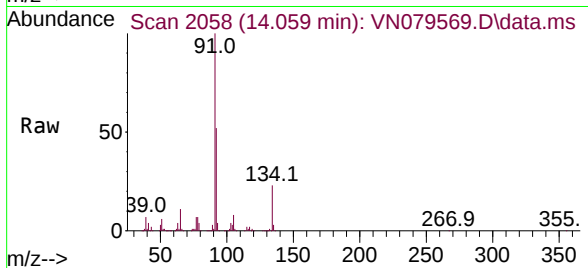
Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.6	61.8
148	64.8	31.6	94.8





#89
n-Butylbenzene
Concen: 49.150 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

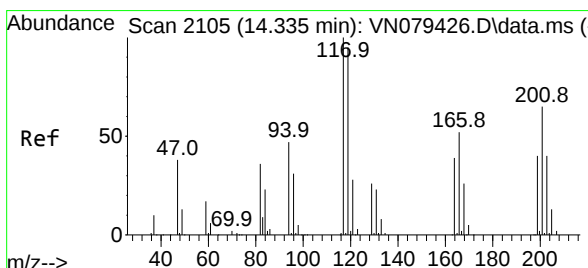
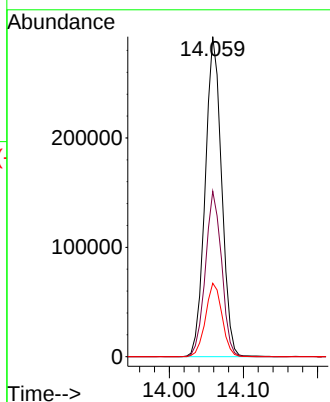
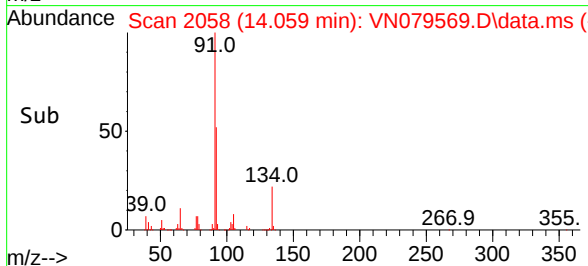
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 449835
Ion Ratio Lower Upper
91 100
92 51.1 26.4 79.0
134 23.1 12.6 37.6

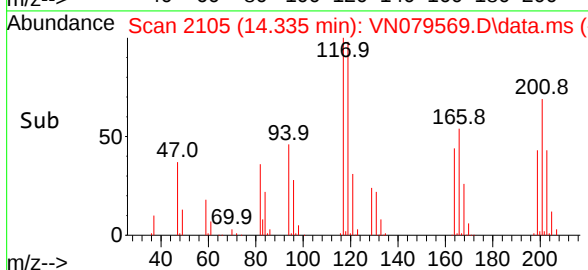
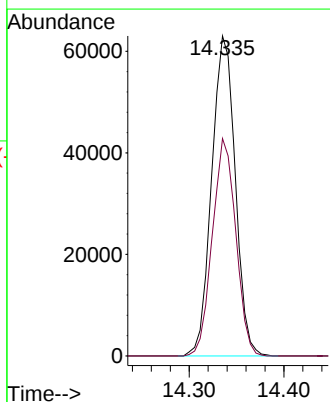
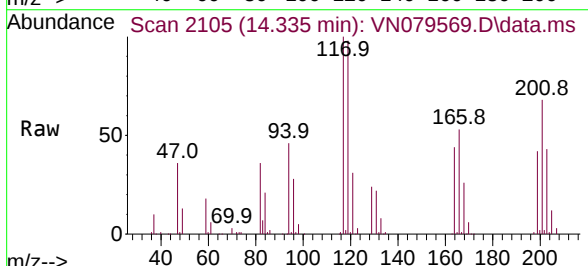
Manual Integrations
APPROVED

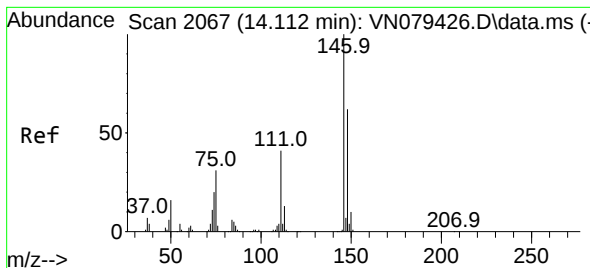
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#90
Hexachloroethane
Concen: 46.719 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

Tgt Ion:117 Resp: 108866
Ion Ratio Lower Upper
117 100
201 67.5 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 43.046 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

Instrument :

MSVOA_N

ClientSampleId :

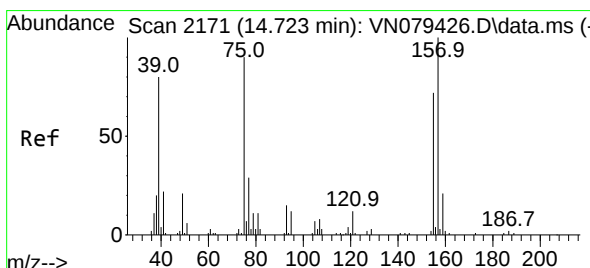
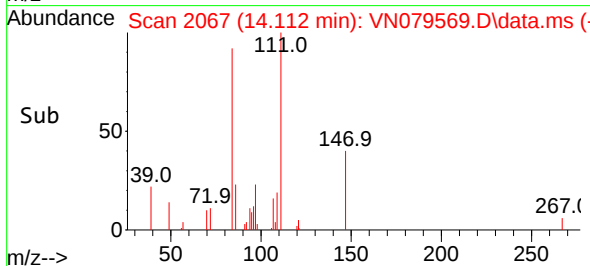
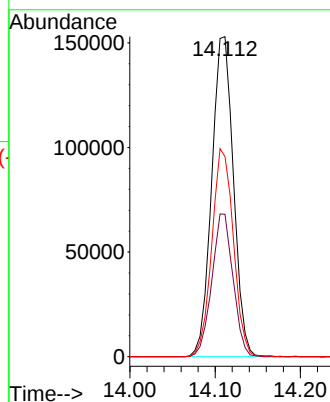
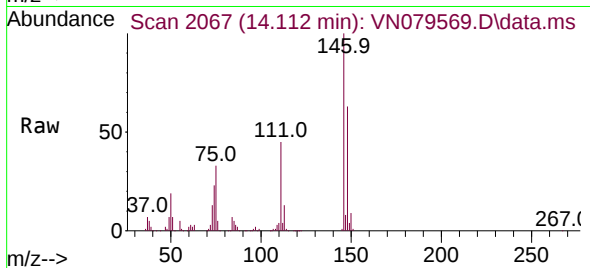
VSTDCCC050EC

Tgt Ion:	146	Resp:	27072
Ion Ratio	Lower	Upper	
146	100		
111	43.5	22.0	66.0
148	64.6	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 35.589 ug/l

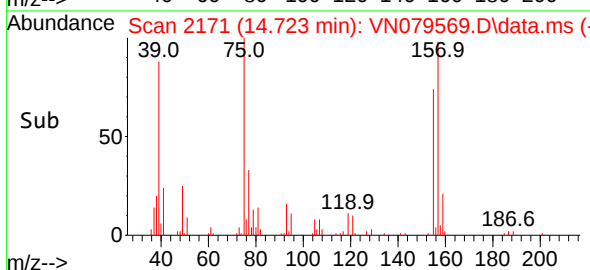
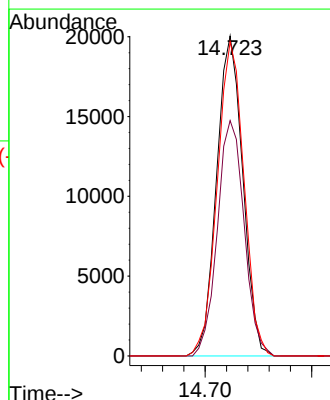
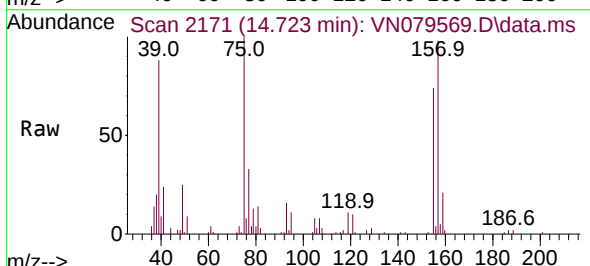
RT: 14.723 min Scan# 2171

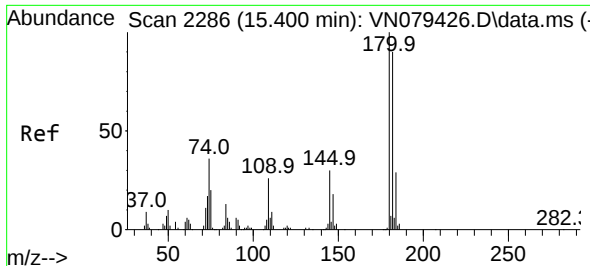
Delta R.T. 0.000 min

Lab File: VN079569.D

Acq: 13 Oct 2023 16:11

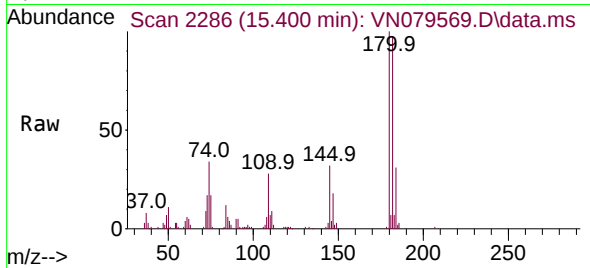
Tgt Ion:	75	Resp:	34118
Ion Ratio	Lower	Upper	
75	100		
155	75.4	39.1	117.2
157	100.1	50.3	150.9





#93
1,2,4-Trichlorobenzene
Concen: 45.130 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

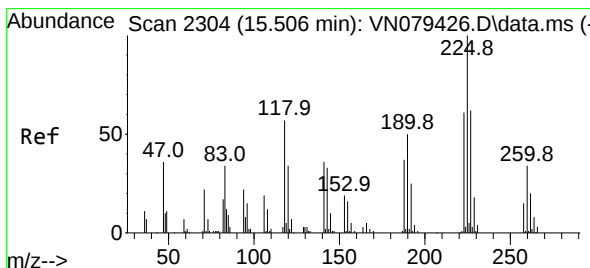
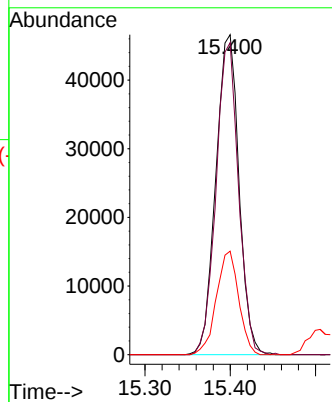
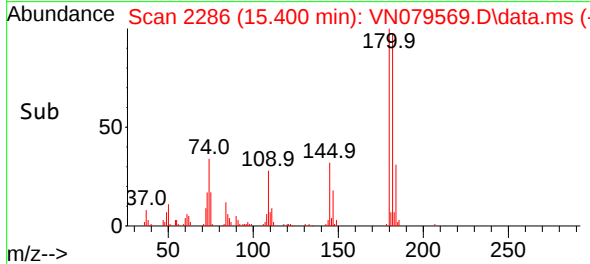
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



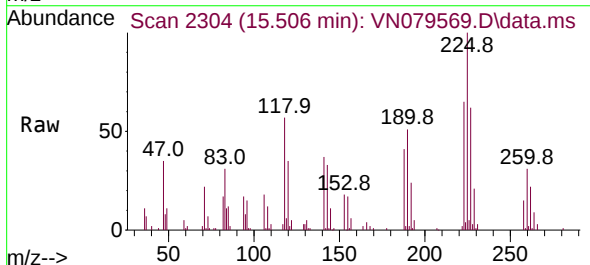
Tgt Ion:180 Resp: 8790
Ion Ratio Lower Upper
180 100
182 94.8 46.1 138.2
145 31.2 16.6 49.8

Manual Integrations
APPROVED

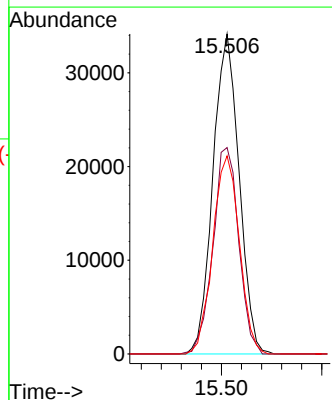
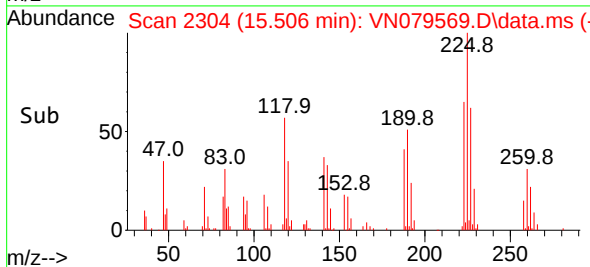
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

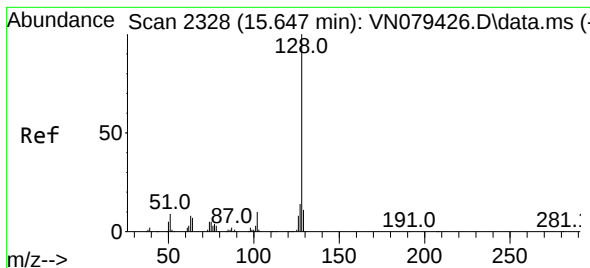


#94
Hexachlorobutadiene
Concen: 40.708 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11



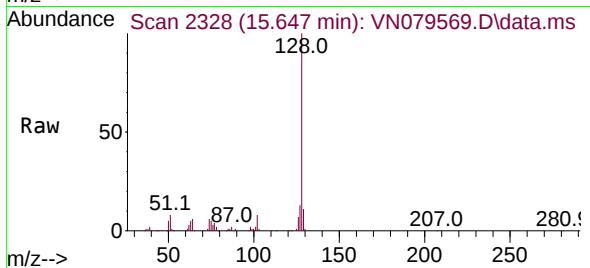
Tgt Ion:225 Resp: 61756
Ion Ratio Lower Upper
225 100
223 63.7 31.3 93.8
227 63.0 31.9 95.9





#95
Naphthalene
Concen: 37.604 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

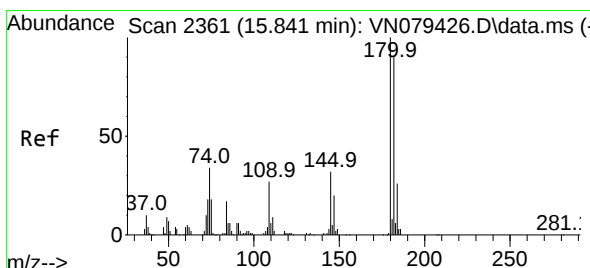
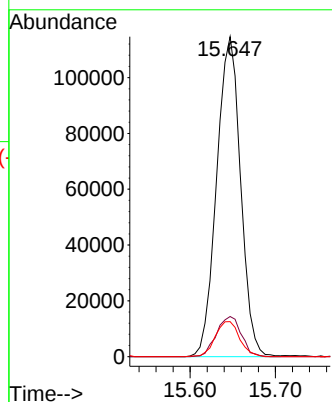
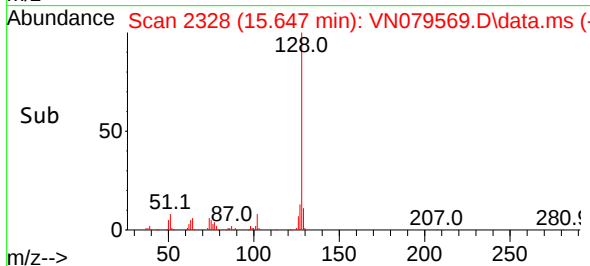
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 22367
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#96
1,2,3-Trichlorobenzene
Concen: 39.620 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN079569.D
Acq: 13 Oct 2023 16:11

Tgt Ion:180 Resp: 92095
Ion Ratio Lower Upper
180 100
182 92.4 46.2 138.6
145 32.8 17.5 52.6

