

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079785.D
 Acq On : 01 Nov 2023 20:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 02 06:00:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/02/2023
 Supervised By : Mahesh Dadoda 11/02/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	293860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	517931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	473807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	231626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	231459	51.699	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.400%			
35) Dibromofluoromethane	8.171	113	184417	50.309	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.620%			
50) Toluene-d8	10.571	98	693332	51.378	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.760%			
62) 4-Bromofluorobenzene	12.853	95	242059	54.085	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	194863	55.052	ug/l	99
3) Chloromethane	2.359	50	220388	50.056	ug/l	100
4) Vinyl Chloride	2.512	62	240949	52.003	ug/l	98
5) Bromomethane	2.948	94	155990	55.410	ug/l	97
6) Chloroethane	3.112	64	194491	53.124	ug/l	99
7) Trichlorofluoromethane	3.495	101	298639	51.822	ug/l	98
8) Diethyl Ether	3.959	74	113850	52.061	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.371	101	167668	50.189	ug/l	99
10) Methyl Iodide	4.589	142	190775	50.007	ug/l	97
11) Tert butyl alcohol	5.518	59	142978	250.174	ug/l	100
12) 1,1-Dichloroethene	4.342	96	164793	52.099	ug/l	87
13) Acrolein	4.177	56	133801	315.630	ug/l	98
14) Allyl chloride	5.024	41	250787	51.766	ug/l	89
15) Acrylonitrile	5.724	53	476741	267.676	ug/l	98
16) Acetone	4.424	43	397223	252.588	ug/l	95
17) Carbon Disulfide	4.712	76	452376	49.582	ug/l	99
18) Methyl Acetate	5.024	43	392096	52.114	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	580720	53.326	ug/l #	91
20) Methylene Chloride	5.277	84	202055	50.920	ug/l #	80
21) trans-1,2-Dichloroethene	5.783	96	185105	52.471	ug/l	88
22) Diisopropyl ether	6.671	45	644925	57.443	ug/l #	90
23) Vinyl Acetate	6.606	43	1730742	279.474	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	370291	54.264	ug/l	96
25) 2-Butanone	7.489	43	646324	280.661	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	278173	49.290	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	222941	52.832	ug/l	88
28) Bromochloromethane	7.818	49	181756	54.655	ug/l #	73
29) Tetrahydrofuran	7.841	42	431830	288.219	ug/l #	76
30) Chloroform	7.965	83	383678	51.762	ug/l	94
31) Cyclohexane	8.259	56	302940	51.207	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	321075	53.162	ug/l	93
36) 1,1-Dichloropropene	8.377	75	279973	53.491	ug/l	95
37) Ethyl Acetate	7.565	43	269399	56.122	ug/l #	91
38) Carbon Tetrachloride	8.365	117	277722	52.649	ug/l	96
39) Methylcyclohexane	9.606	83	264521	53.702	ug/l #	88
40) Benzene	8.606	78	839247	53.535	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	142332	55.838	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	296085	54.070	ug/l	98
43) Isopropyl Acetate	8.694	43	442741	52.594	ug/l #	91
44) Trichloroethene	9.353	130	196574	50.532	ug/l	99
45) 1,2-Dichloropropane	9.624	63	223497	55.787	ug/l	99
46) Dibromomethane	9.712	93	144137	52.691	ug/l	94
47) Bromodichloromethane	9.888	83	303911	52.093	ug/l	97
48) Methyl methacrylate	9.683	41	213139	57.804	ug/l #	81
49) 1,4-Dioxane	9.694	88	73693	1131.072	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	1375957	290.327	ug/l	90
52) Toluene	10.635	92	512809	55.178	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	316386	55.320	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	341559	54.791	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	204514	54.710	ug/l	96
56) Ethyl methacrylate	10.877	69	312889	58.681	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	359132	54.505	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	750772	277.810	ug/l	89
59) 2-Hexanone	11.200	43	1024591	282.600	ug/l	88
60) Dibromochloromethane	11.359	129	219305	54.809	ug/l	99
61) 1,2-Dibromoethane	11.471	107	204540	54.516	ug/l	97
64) Tetrachloroethene	11.106	164	160819	52.407	ug/l	97
65) Chlorobenzene	11.894	112	543001	52.832	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	200773	54.219	ug/l	97
67) Ethyl Benzene	11.965	91	996066	55.626	ug/l	95
68) m/p-Xylenes	12.076	106	745268	111.726	ug/l	94
69) o-Xylene	12.400	106	356081	55.436	ug/l	92
70) Styrene	12.412	104	620017	60.063	ug/l	98
71) Bromoform	12.582	173	149204	56.744	ug/l #	100
73) Isopropylbenzene	12.700	105	918153	52.230	ug/l	100
74) N-amyl acetate	12.494	43	400618	52.211	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	308470	49.492	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	270098m	49.670	ug/l	
77) Bromobenzene	12.982	156	219114	50.912	ug/l	94
78) n-propylbenzene	13.041	91	1078232	53.562	ug/l	97
79) 2-Chlorotoluene	13.129	91	663567	51.599	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	746375	54.572	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	91905	45.983	ug/l #	83
82) 4-Chlorotoluene	13.223	91	663541	51.924	ug/l	99
83) tert-Butylbenzene	13.441	119	607038	54.222	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	746683	55.490	ug/l	100
85) sec-Butylbenzene	13.618	105	847429	54.635	ug/l	100
86) p-Isopropyltoluene	13.729	119	697029	55.119	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	398517	49.775	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	396361	48.773	ug/l	99
89) n-Butylbenzene	14.059	91	586540	53.851	ug/l	99
90) Hexachloroethane	14.335	117	127596	50.948	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	388067	51.345	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	55529	52.536	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	181363	50.466	ug/l	99
94) Hexachlorobutadiene	15.506	225	77757	47.729	ug/l	99
95) Naphthalene	15.647	128	579917	47.584	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	174706	49.594	ug/l	98

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MSVOA_N
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VSTDCCC050EC

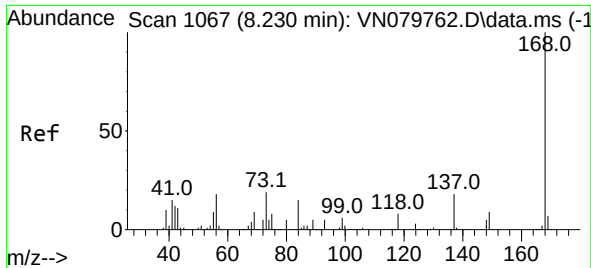
Manual Integrations
APPROVED

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Response via : Initial Calibration

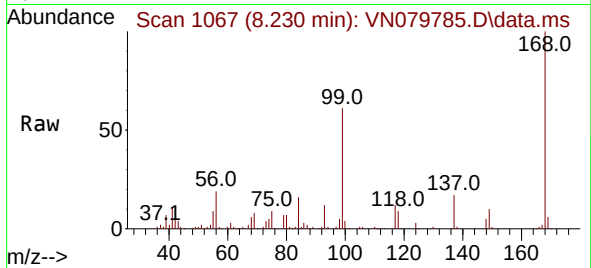
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079785.D
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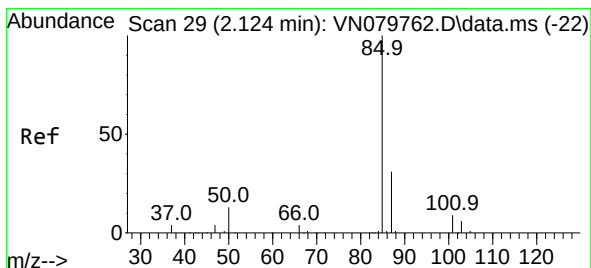
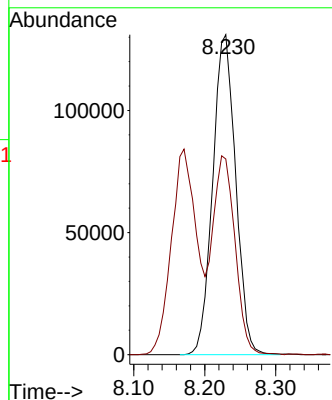
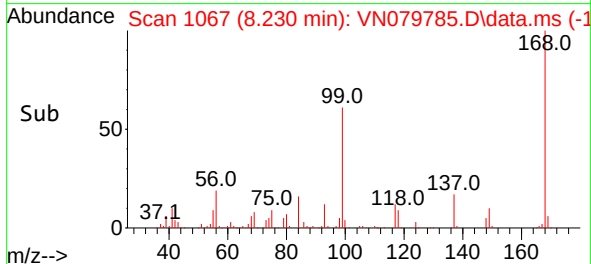
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 293860
Ion Ratio Lower Upper
168 100
99 61.0 53.0 79.6

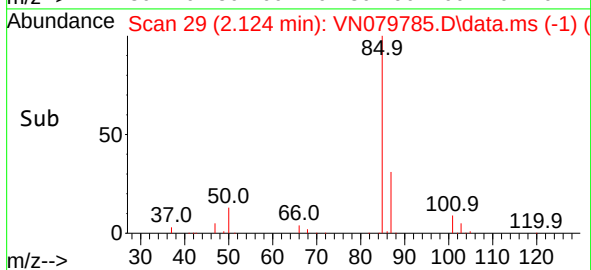
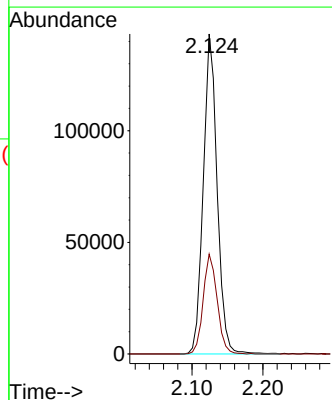
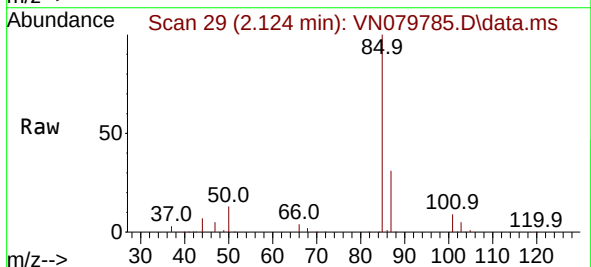
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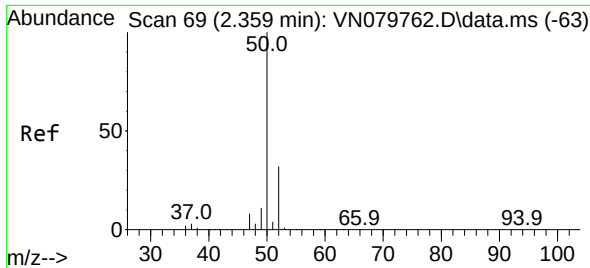
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#2
Dichlorodifluoromethane
Concen: 55.052 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

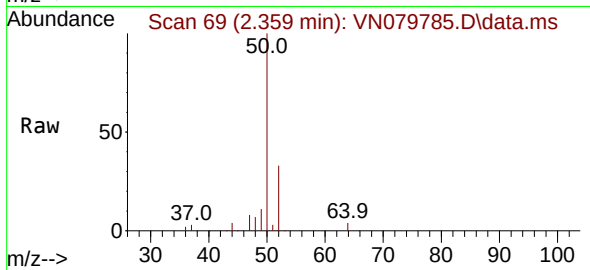
Tgt Ion: 85 Resp: 194863
Ion Ratio Lower Upper
85 100
87 31.2 15.8 47.4





#3
Chloromethane
Concen: 50.056 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

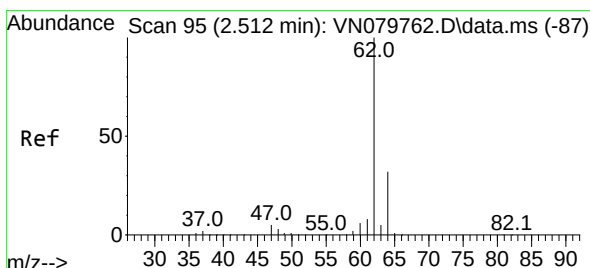
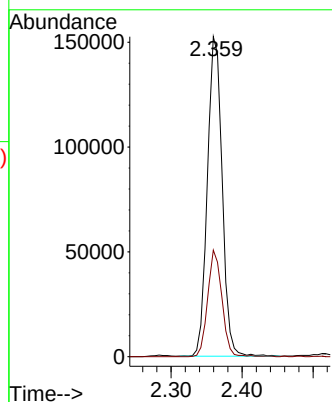
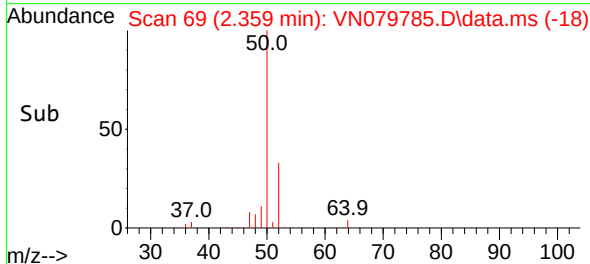
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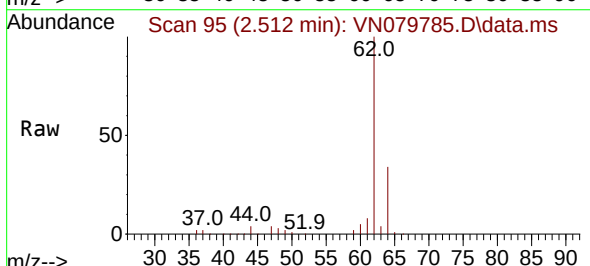
Tgt Ion: 50 Resp: 220388
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7

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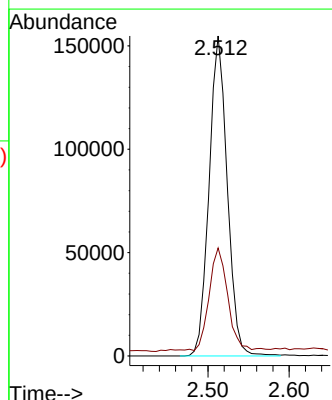
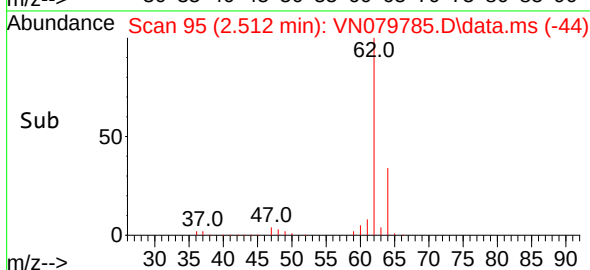
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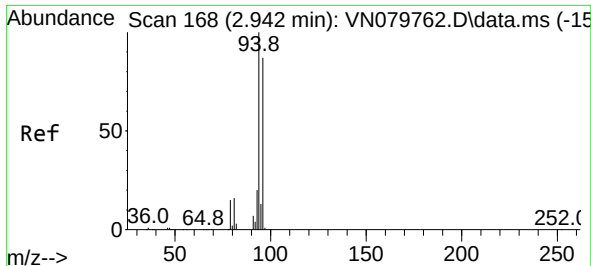


#4
Vinyl Chloride
Concen: 52.003 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42



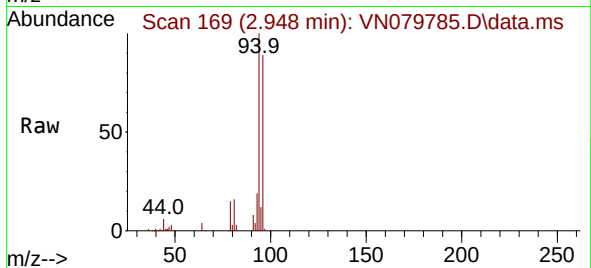
Tgt Ion: 62 Resp: 240949
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.2





#5
Bromomethane
Concen: 55.410 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

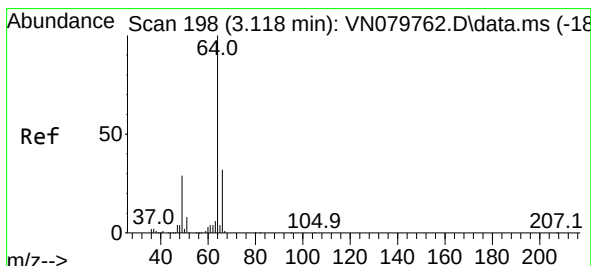
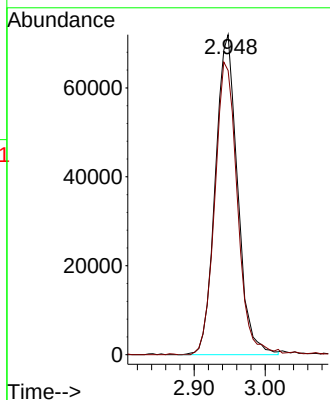
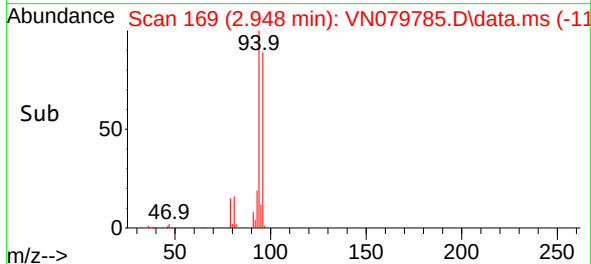
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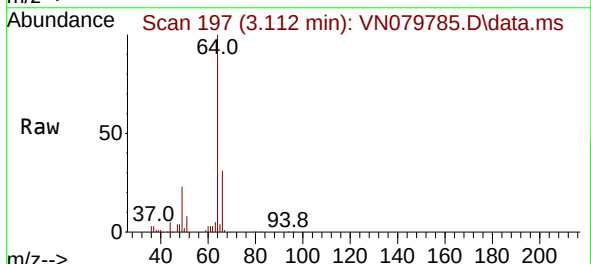
Tgt Ion: 94 Resp: 155990
Ion Ratio Lower Upper
94 100
96 88.8 73.1 109.7

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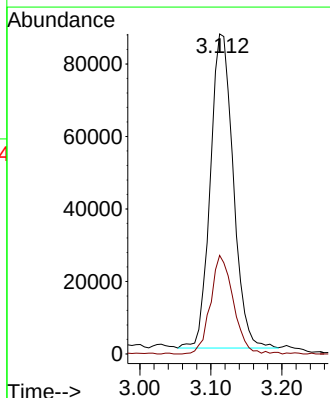
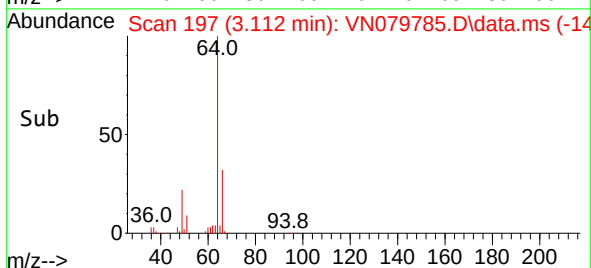
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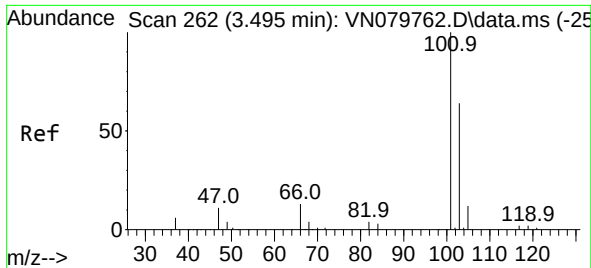


#6
Chloroethane
Concen: 53.124 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42



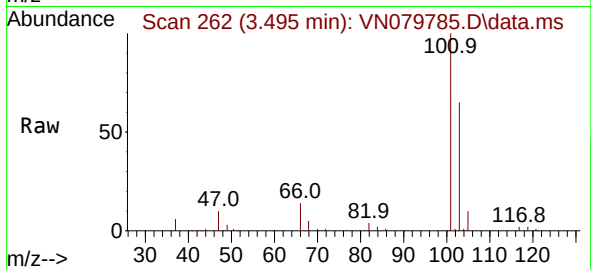
Tgt Ion: 64 Resp: 194491
Ion Ratio Lower Upper
64 100
66 31.4 25.4 38.2





#7
Trichlorofluoromethane
Concen: 51.822 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

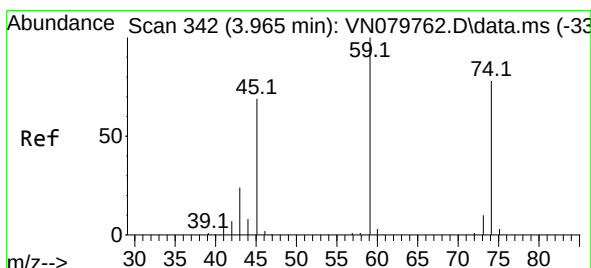
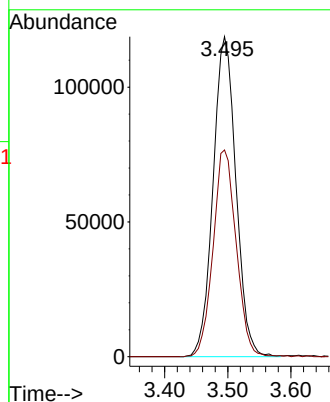
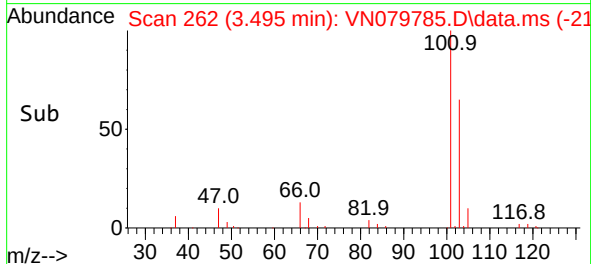
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 298639
Ion Ratio Lower Upper
101 100
103 64.6 50.7 76.1

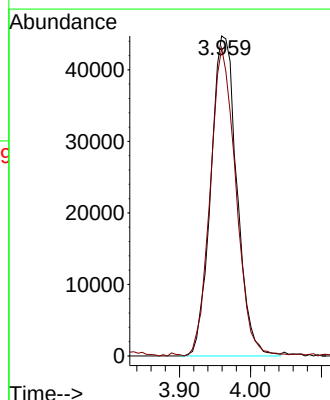
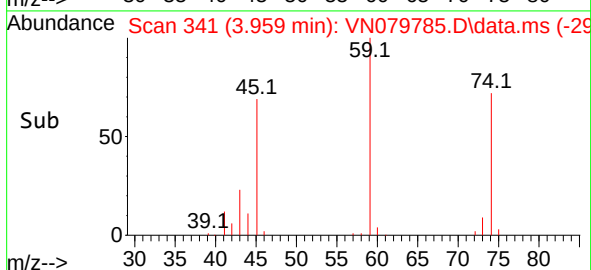
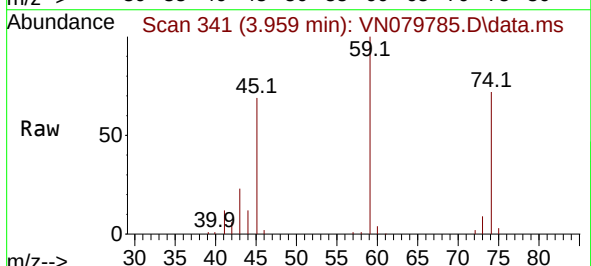
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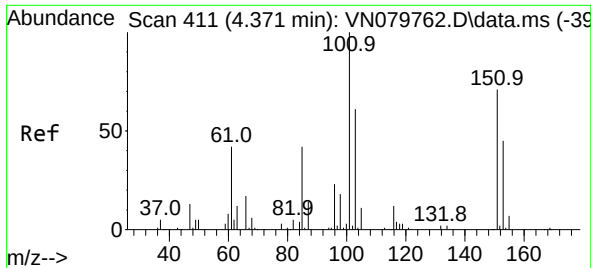
Reviewed By :John Carlone 11/02/2023
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#8
Diethyl Ether
Concen: 52.061 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079785.D
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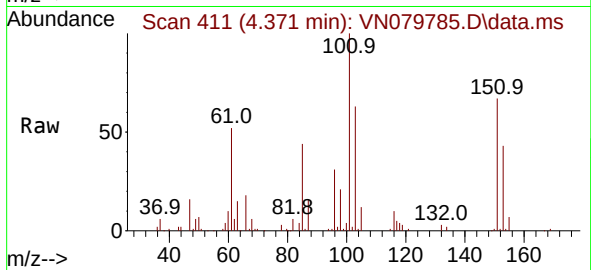
Tgt Ion: 74 Resp: 113850
Ion Ratio Lower Upper
74 100
45 94.9 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.189 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079785.D
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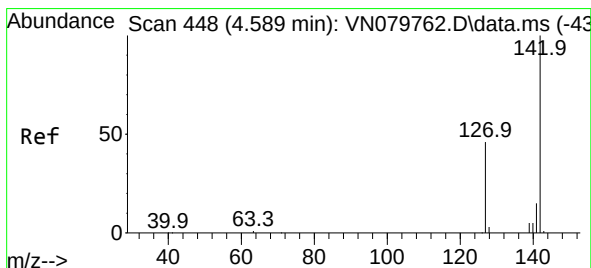
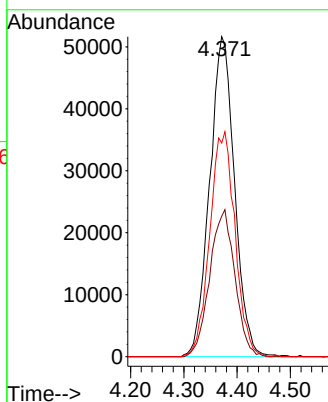
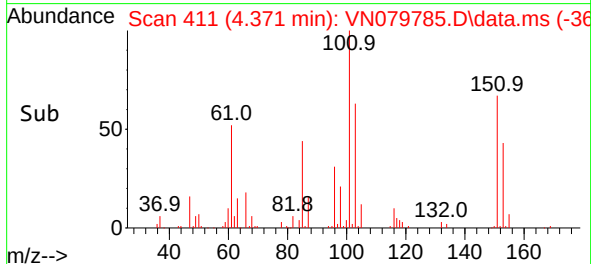
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 16766
Ion Ratio Lower Upper
101 100
85 46.4 36.6 55.0
151 71.3 57.6 86.4

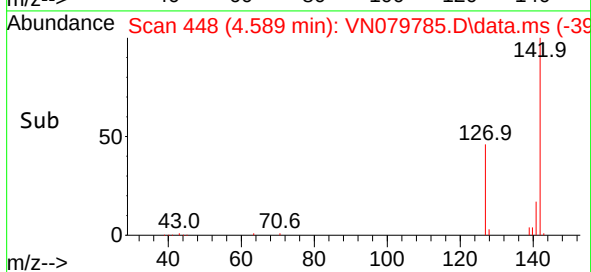
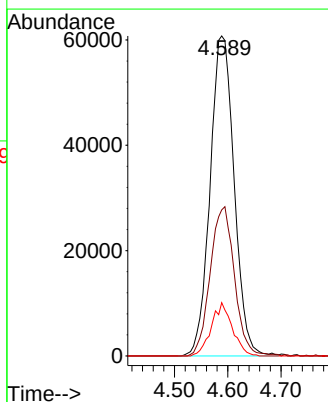
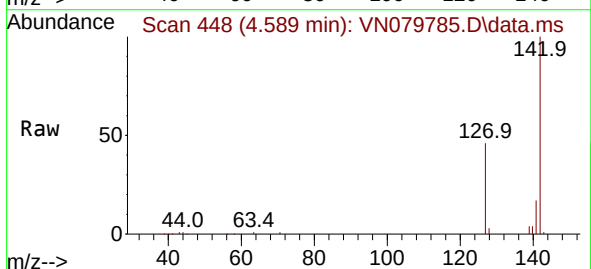
Manual Integrations
APPROVED

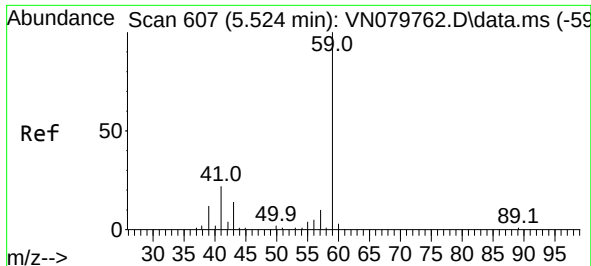
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#10
Methyl Iodide
Concen: 50.007 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

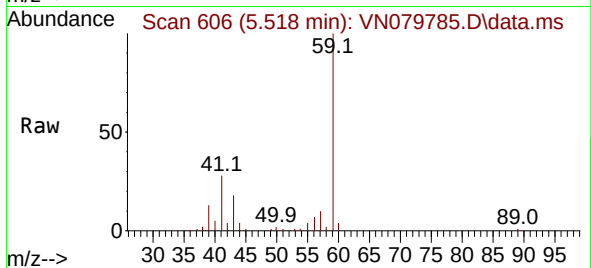
Tgt Ion:142 Resp: 190775
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 16.7 11.4 17.0





#11
Tert butyl alcohol
Concen: 250.174 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

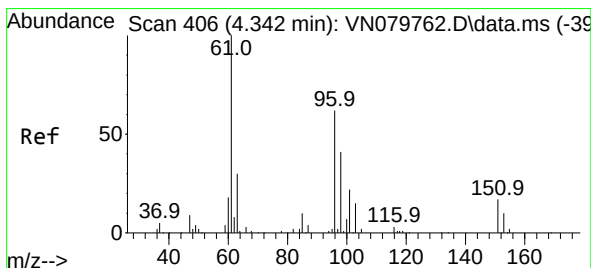
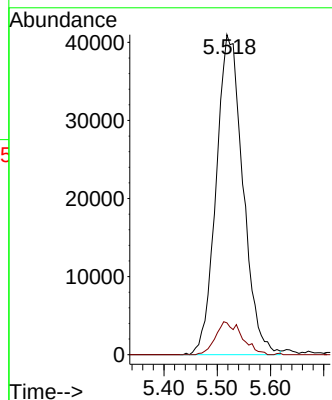
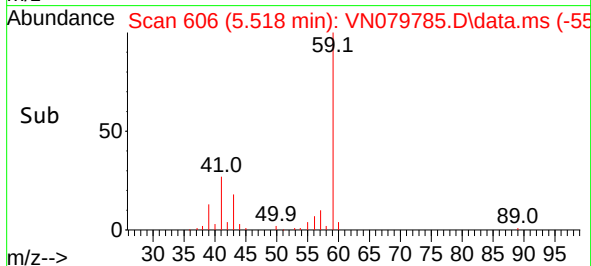
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 142978
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

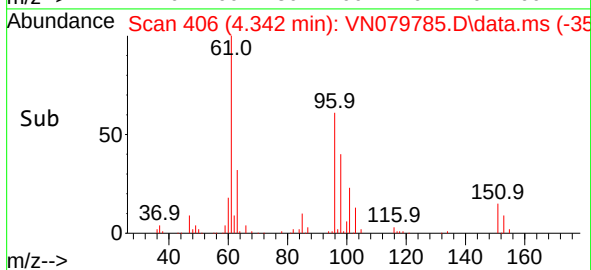
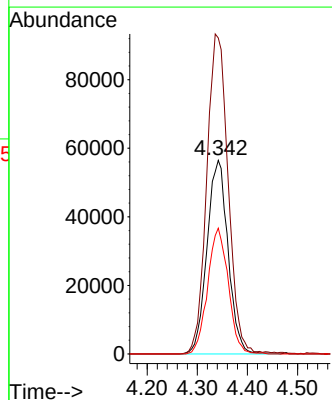
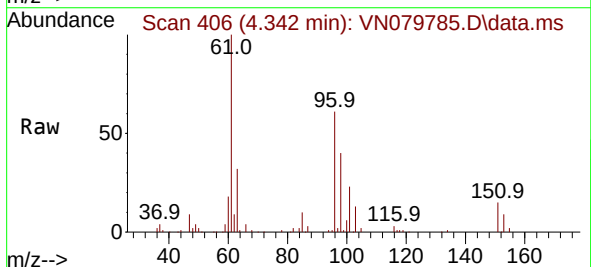
Manual Integrations
APPROVED

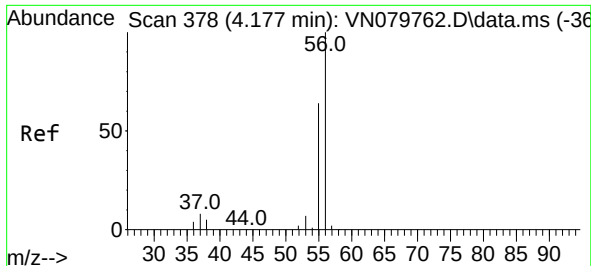
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#12
1,1-Dichloroethene
Concen: 52.099 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

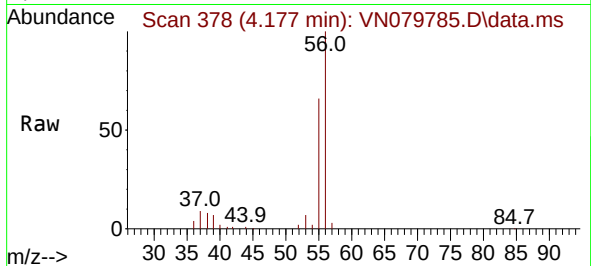
Tgt Ion: 96 Resp: 164793
Ion Ratio Lower Upper
96 100
61 163.2 112.7 169.1
98 65.0 51.2 76.8





#13
Acrolein
Concen: 315.630 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

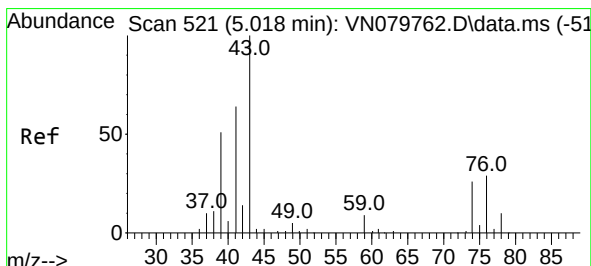
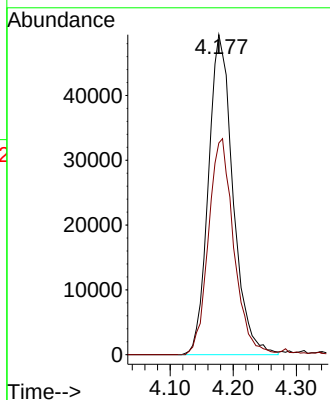
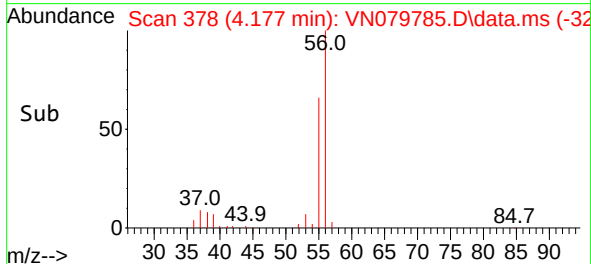
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 13380
Ion Ratio Lower Upper
56 100
55 69.4 54.5 81.7

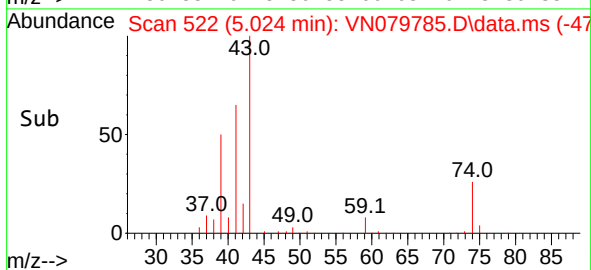
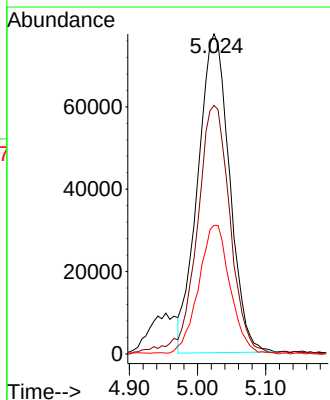
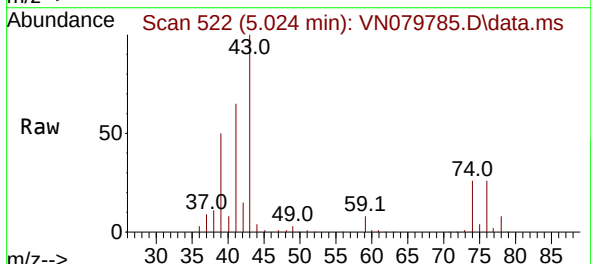
Manual Integrations
APPROVED

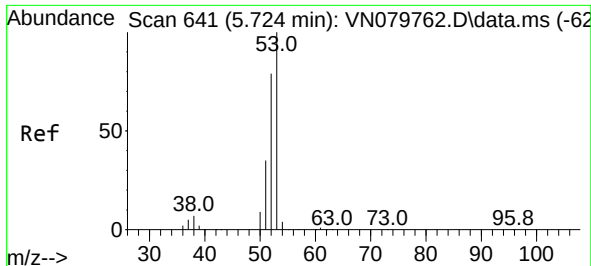
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#14
Allyl chloride
Concen: 51.766 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

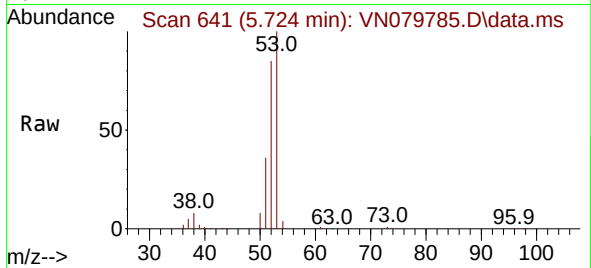
Tgt Ion: 41 Resp: 250787
Ion Ratio Lower Upper
41 100
39 81.3 58.8 88.2
76 40.2 39.1 58.7





#15
Acrylonitrile
Concen: 267.676 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

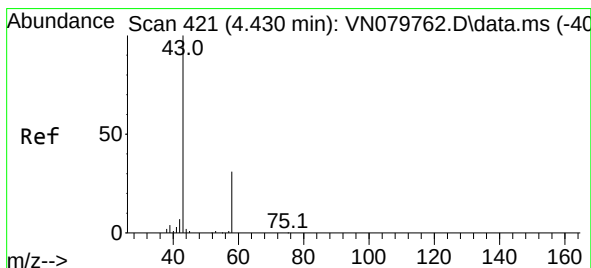
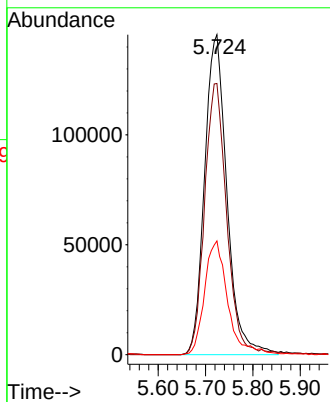
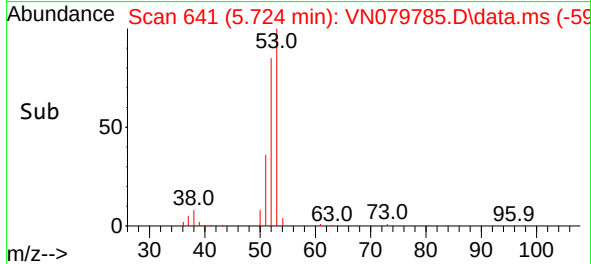
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 47674
Ion Ratio Lower Upper
53 100
52 83.0 65.3 97.9
51 36.9 28.9 43.3

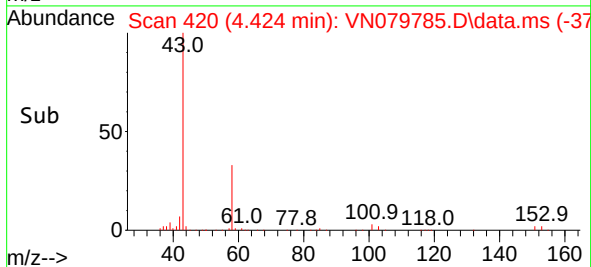
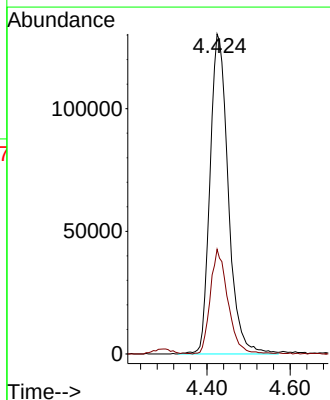
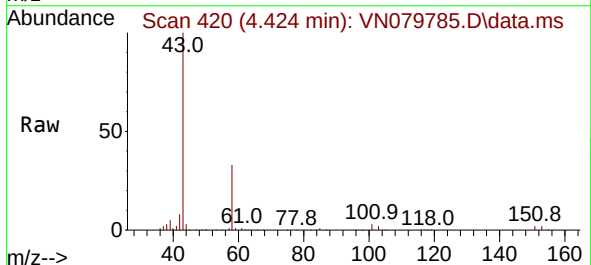
Manual Integrations
APPROVED

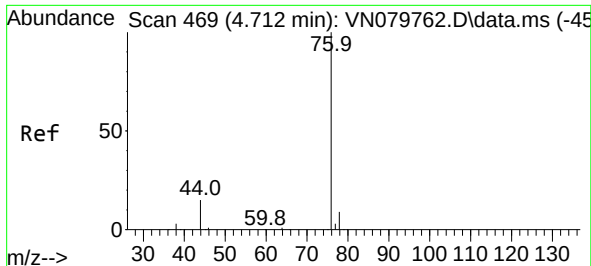
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#16
Acetone
Concen: 252.588 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

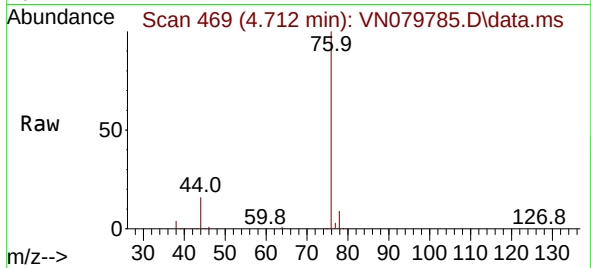
Tgt Ion: 43 Resp: 397223
Ion Ratio Lower Upper
43 100
58 32.4 28.0 42.0





#17
Carbon Disulfide
Concen: 49.582 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

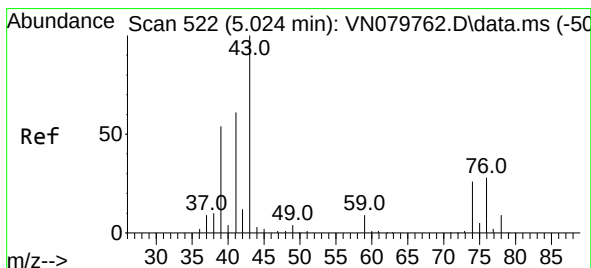
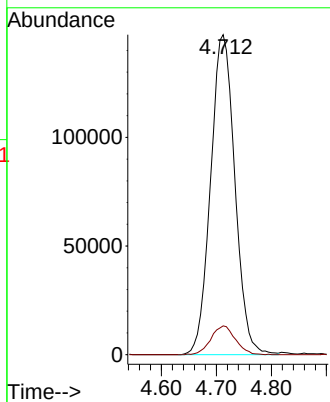
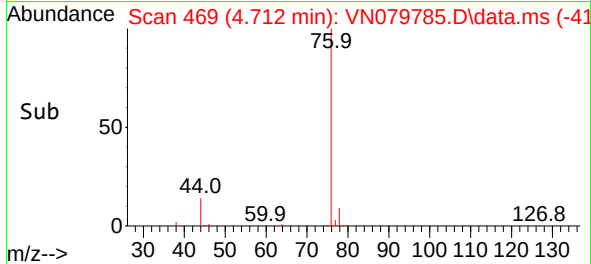
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



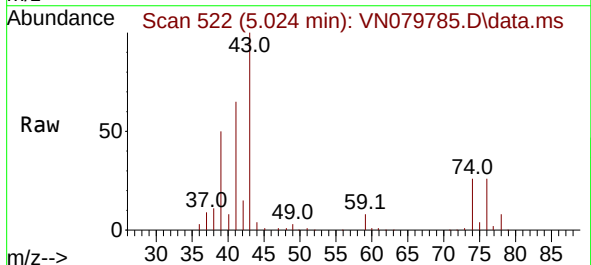
Tgt Ion: 76 Resp: 452370
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

Manual Integrations
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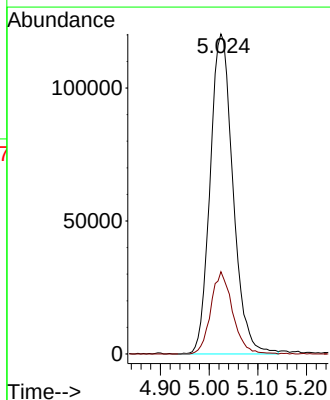
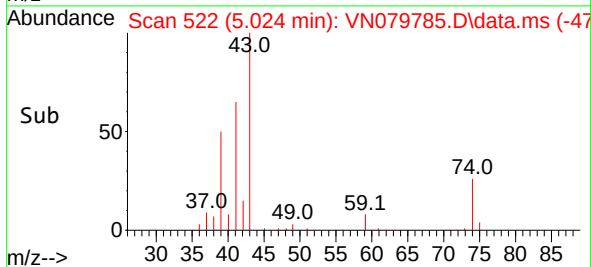
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

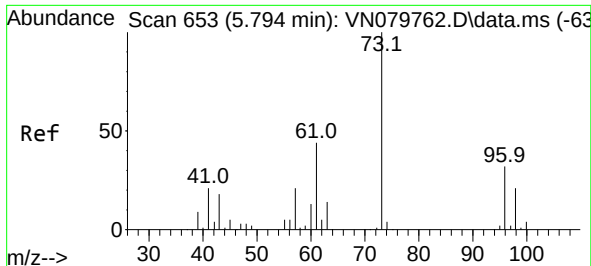


#18
Methyl Acetate
Concen: 52.114 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42



Tgt Ion: 43 Resp: 392096
Ion Ratio Lower Upper
43 100
74 24.5 26.2 39.4#





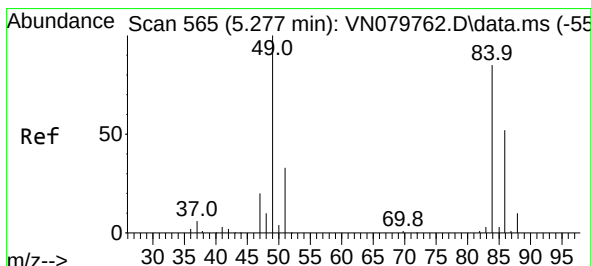
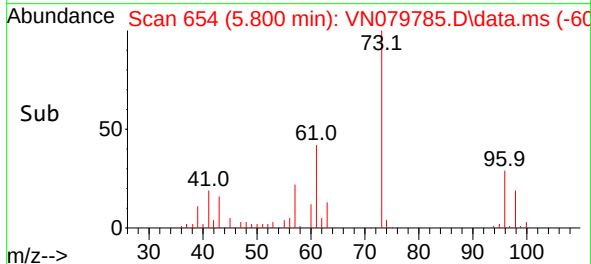
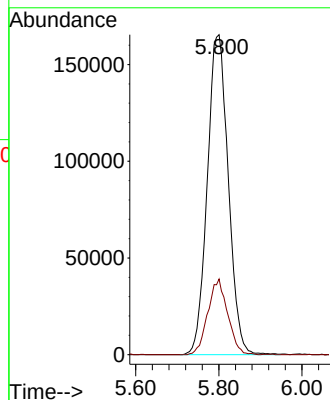
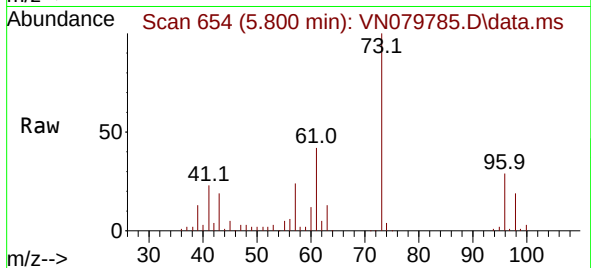
#19
Methyl tert-butyl Ether
Concen: 53.326 ug/l
RT: 5.800 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 580720
Ion Ratio Lower Upper
73 100
57 23.7 15.6 23.4

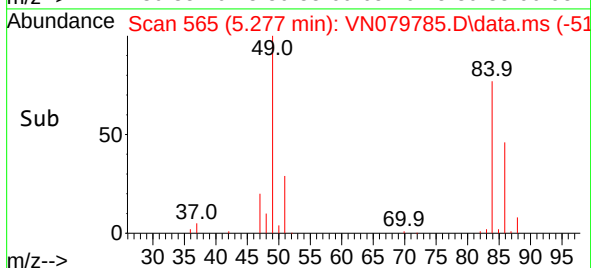
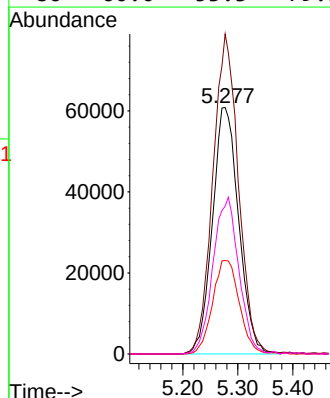
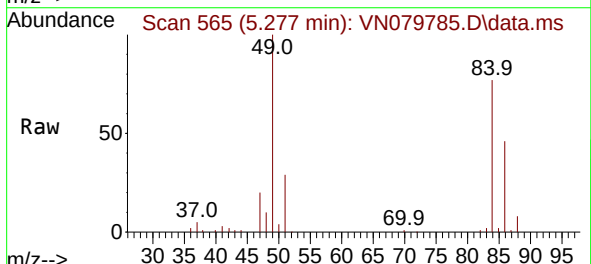
Manual Integrations
APPROVED

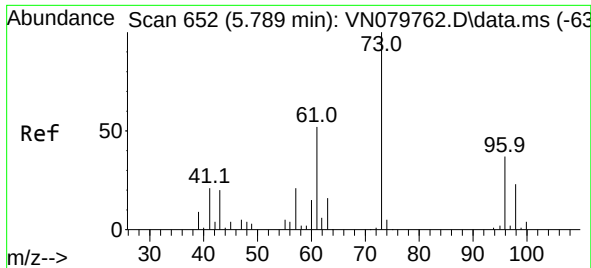
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#20
Methylene Chloride
Concen: 50.920 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

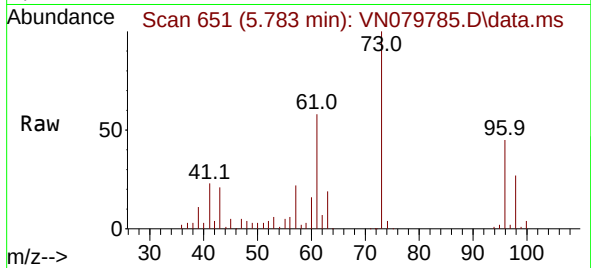
Tgt Ion: 84 Resp: 202055
Ion Ratio Lower Upper
84 100
49 129.9 79.7 119.5#
51 37.9 25.2 37.8#
86 60.0 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 52.471 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

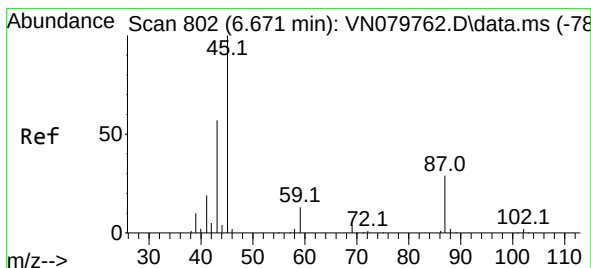
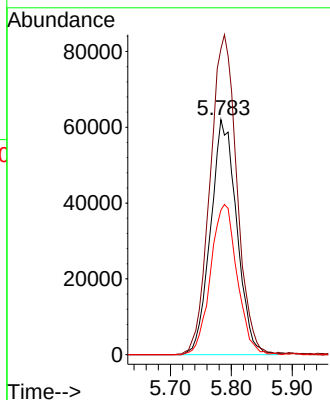
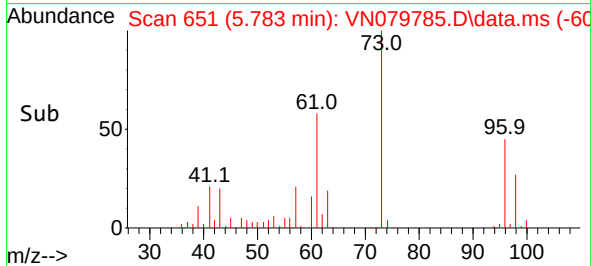
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 18510
Ion Ratio Lower Upper
96 100
61 129.8 90.1 135.1
98 61.5 46.4 69.6

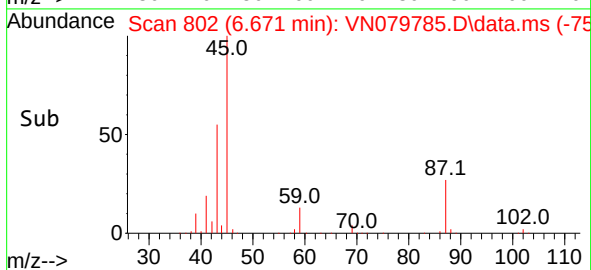
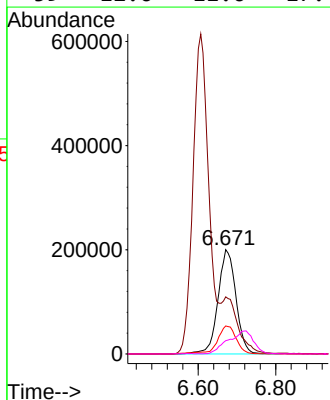
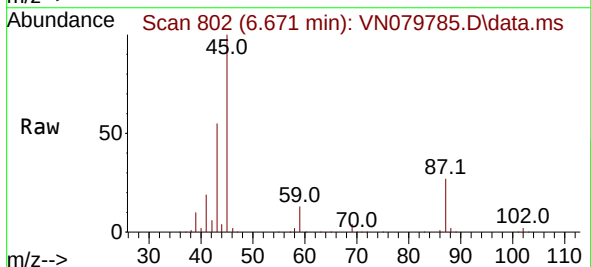
Manual Integrations
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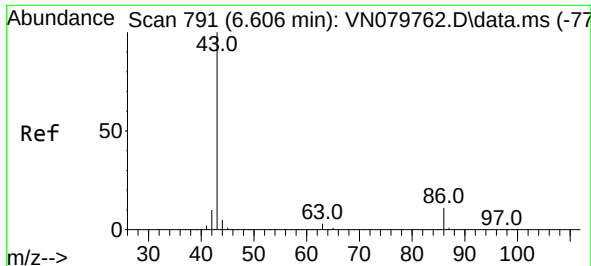
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#22
Diisopropyl ether
Concen: 57.443 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

Tgt Ion: 45 Resp: 644925
Ion Ratio Lower Upper
45 100
43 54.0 45.5 68.3
87 26.7 31.8 47.8#
59 12.6 11.6 17.4





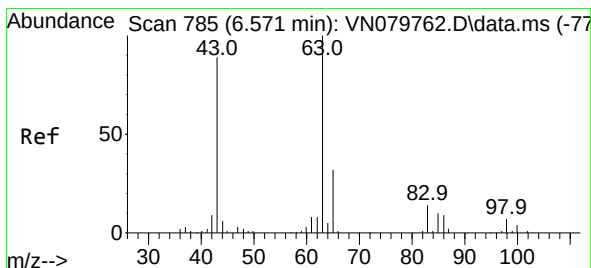
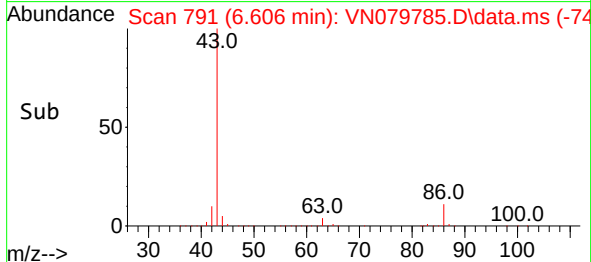
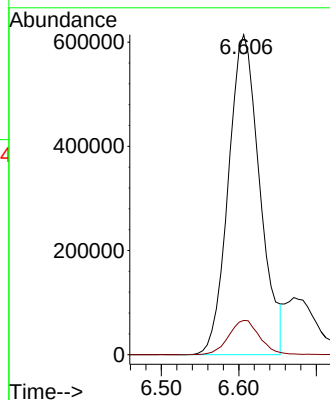
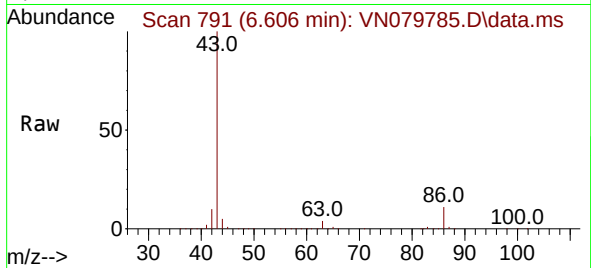
#23
 Vinyl Acetate
 Concen: 279.474 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079785.D
 Acq: 01 Nov 2023 20:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 173074
 Ion Ratio Lower Upper
 43 100
 86 10.7 13.0 19.6

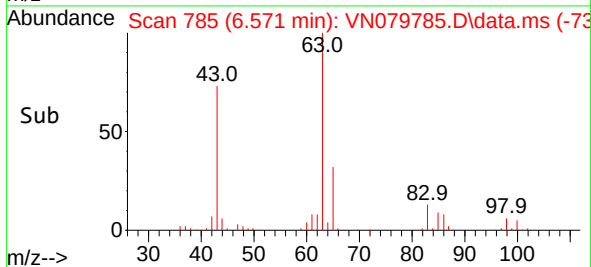
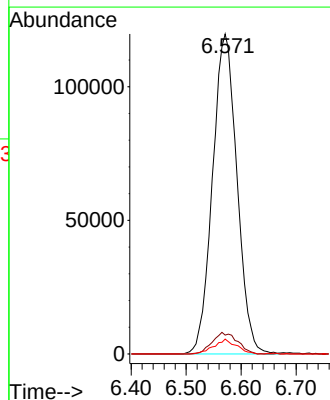
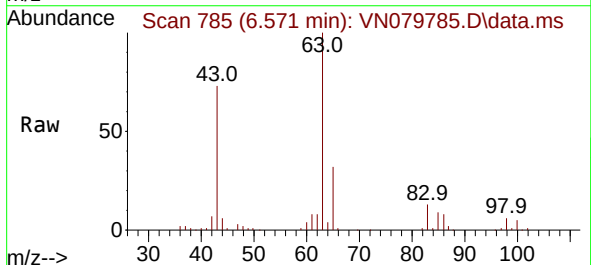
Manual Integrations
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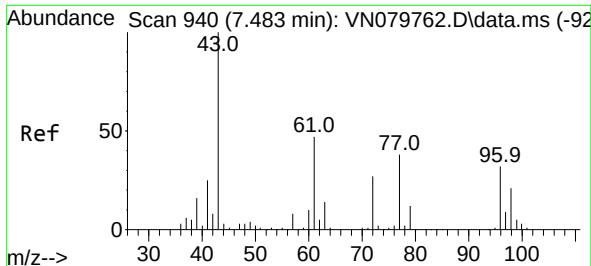
Reviewed By :John Carlone 11/02/2023
 Supervised By :Mahesh Dadoda 11/02/2023



#24
 1,1-Dichloroethane
 Concen: 54.264 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079785.D
 Acq: 01 Nov 2023 20:42

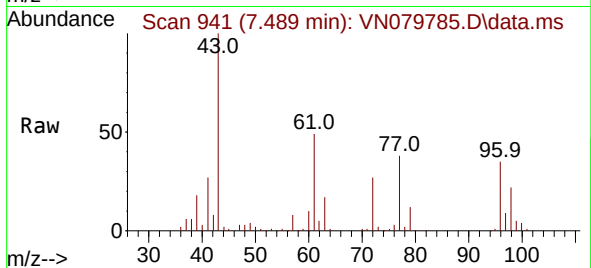
Tgt Ion: 63 Resp: 370291
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.9 11.7
 100 4.7 2.5 7.4





#25
2-Butanone
Concen: 280.661 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

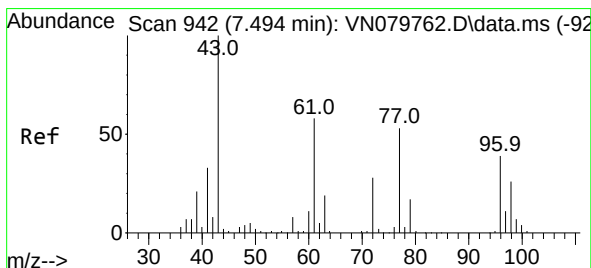
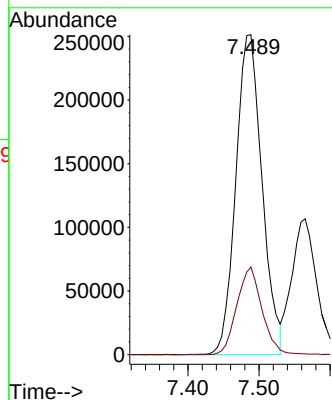
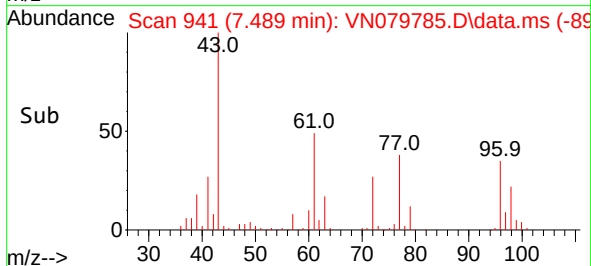
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



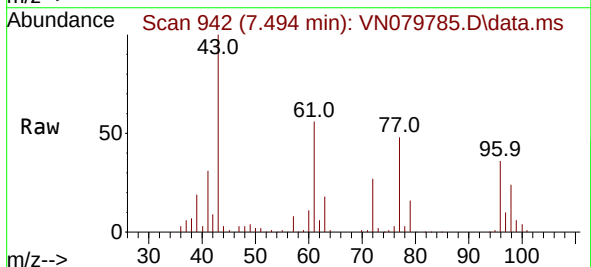
Tgt Ion: 43 Resp: 646324
Ion Ratio Lower Upper
43 100
72 27.4 30.2 45.2

Manual Integrations
APPROVED

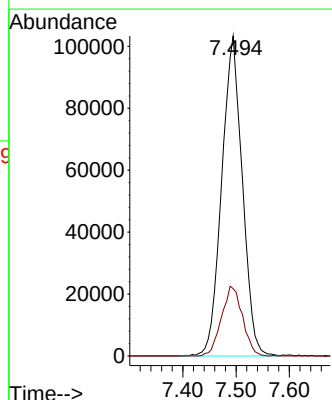
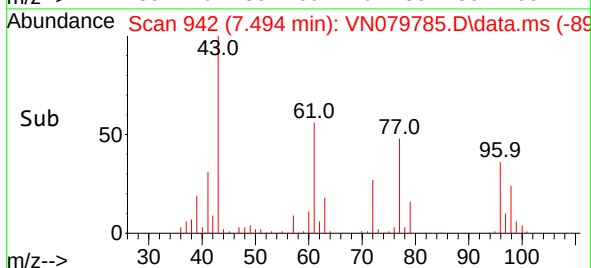
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

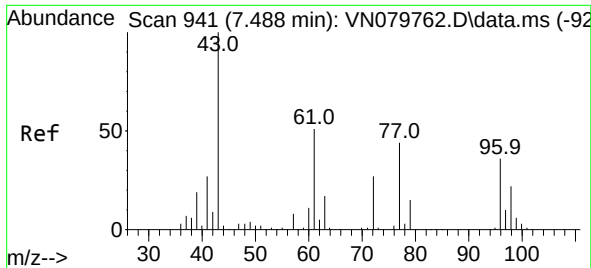


#26
2,2-Dichloropropane
Concen: 49.290 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42



Tgt Ion: 77 Resp: 278173
Ion Ratio Lower Upper
77 100
97 22.2 11.2 33.6





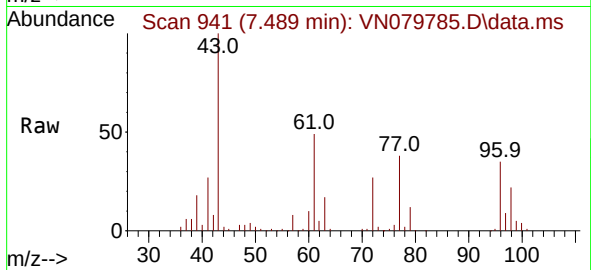
#27
 cis-1,2-Dichloroethene
 Concen: 52.832 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079785.D
 Acq: 01 Nov 2023 20:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

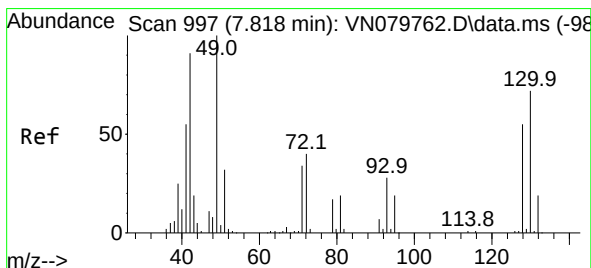
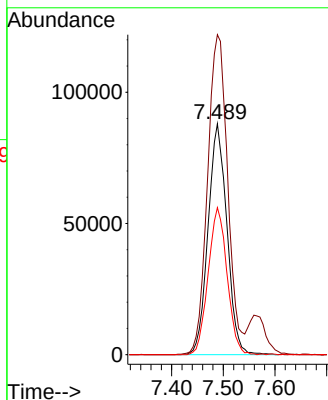
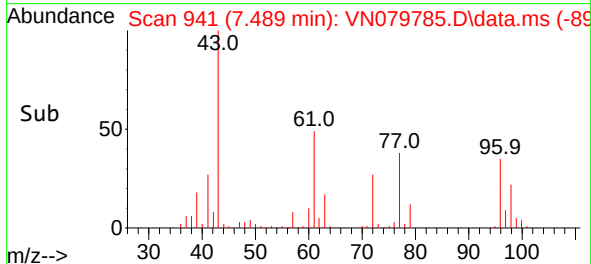


Tgt Ion: 96 Resp: 22294
 Ion Ratio Lower Upper
 96 100
 61 148.3 0.0 255.2
 98 63.9 0.0 128.8

Manual Integrations

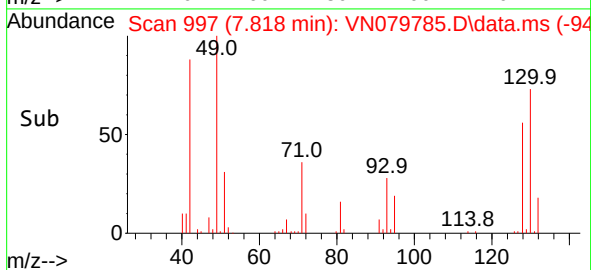
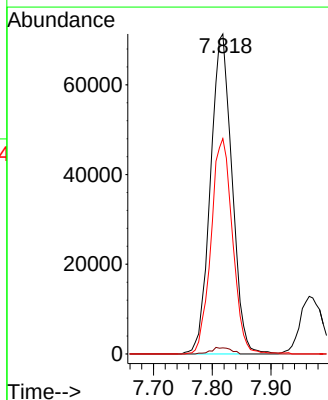
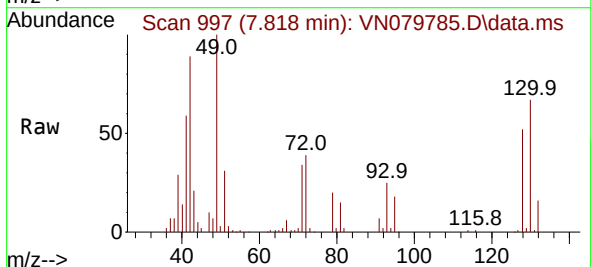
APPROVED

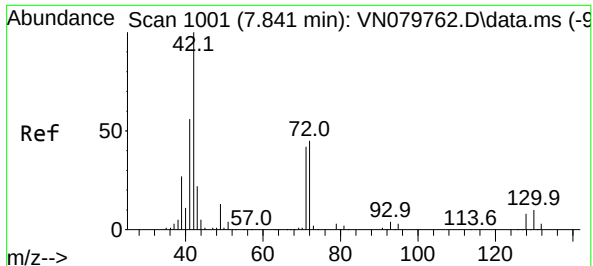
Reviewed By :John Carlone 11/02/2023
 Supervised By :Mahesh Dadoda 11/02/2023



#28
 Bromochloromethane
 Concen: 54.655 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN079785.D
 Acq: 01 Nov 2023 20:42

Tgt Ion: 49 Resp: 181756
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 67.1 75.3 112.9#





#29

Tetrahydrofuran

Concen: 288.219 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079785.D

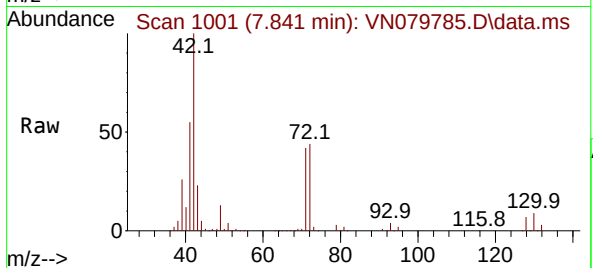
Acq: 01 Nov 2023 20:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



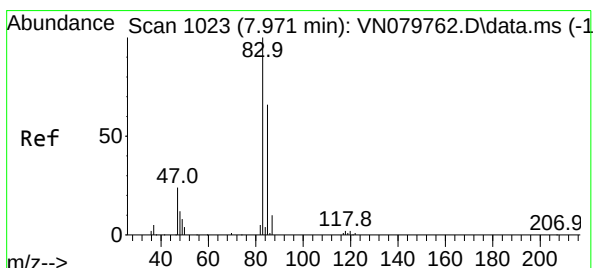
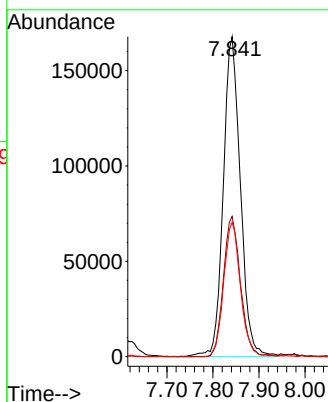
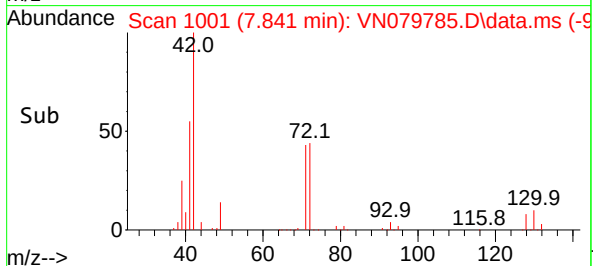
Tgt Ion:	42	Resp:	431830
Ion Ratio	100	Lower	Upper
42	100		
72	43.5	49.8	74.6
71	41.1	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#30

Chloroform

Concen: 51.762 ug/l

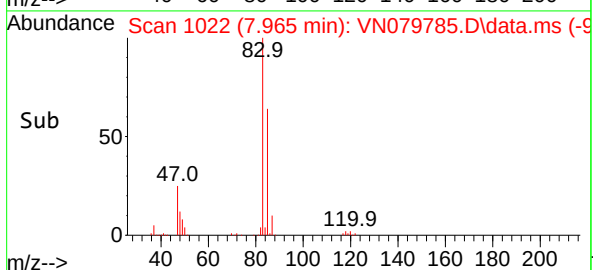
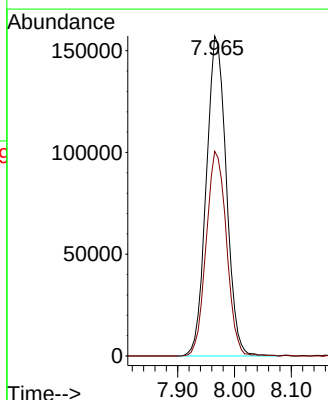
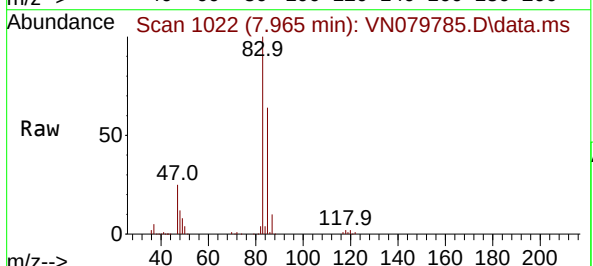
RT: 7.965 min Scan# 1022

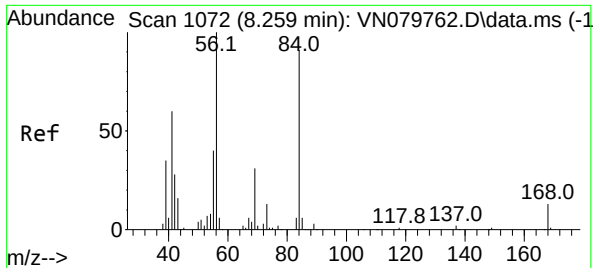
Delta R.T. -0.006 min

Lab File: VN079785.D

Acq: 01 Nov 2023 20:42

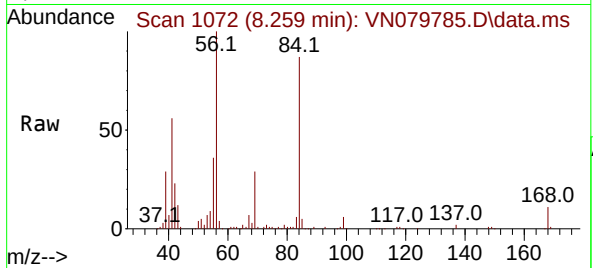
Tgt Ion:	83	Resp:	383678
Ion Ratio	100	Lower	Upper
83	100		
85	64.0	55.4	83.0





#31
Cyclohexane
Concen: 51.207 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

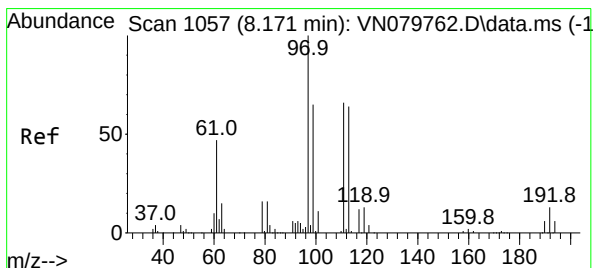
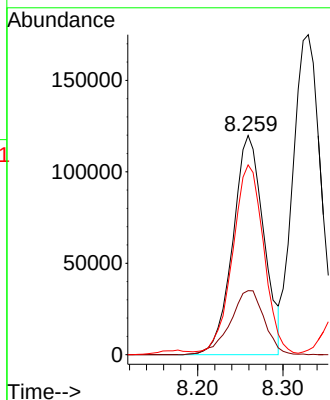
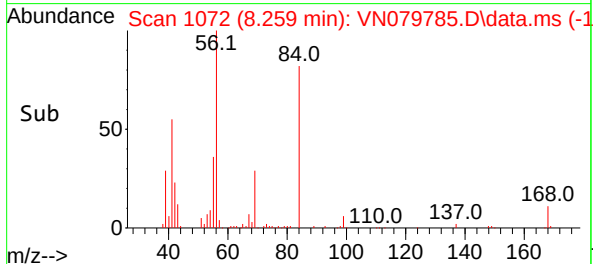
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



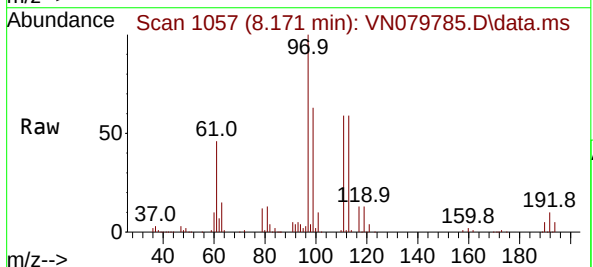
Tgt Ion: 56 Resp: 302940
Ion Ratio Lower Upper
56 100
69 29.2 26.8 40.2
84 84.5 81.8 122.6

Manual Integrations
APPROVED

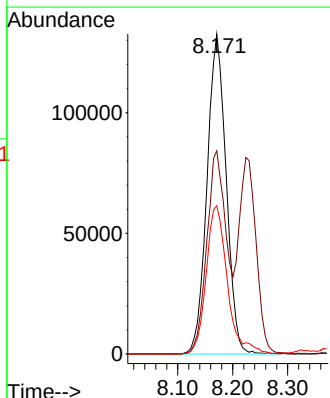
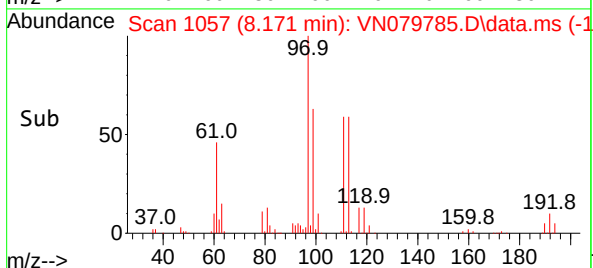
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

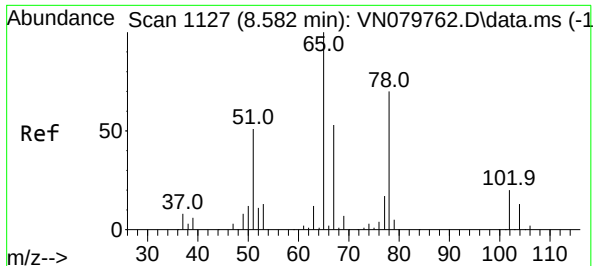


#32
1,1,1-Trichloroethane
Concen: 53.162 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42



Tgt Ion: 97 Resp: 321075
Ion Ratio Lower Upper
97 100
99 65.1 50.3 75.5
61 51.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.699 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079785.D

Acq: 01 Nov 2023 20:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 231459

Ion Ratio Lower Upper

65 100

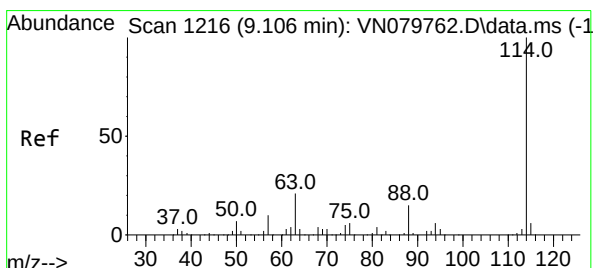
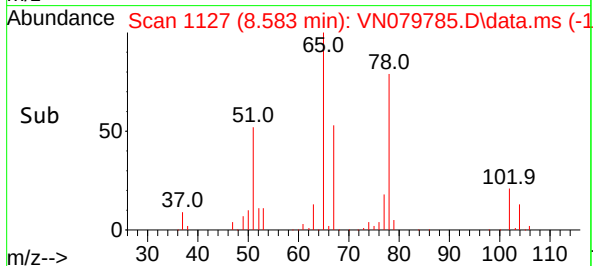
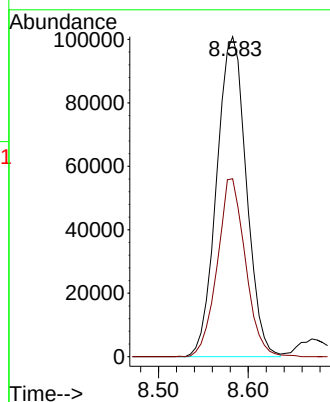
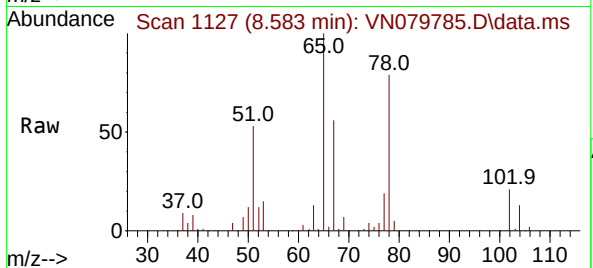
67 52.9 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079785.D

Acq: 01 Nov 2023 20:42

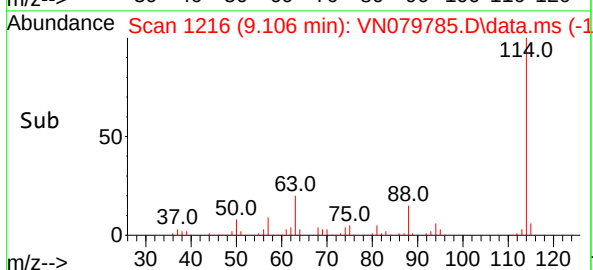
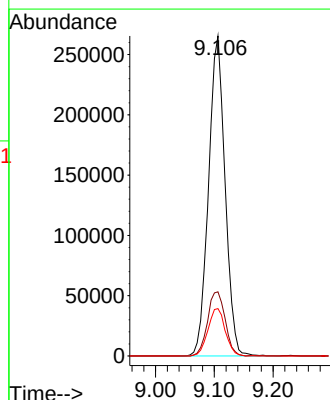
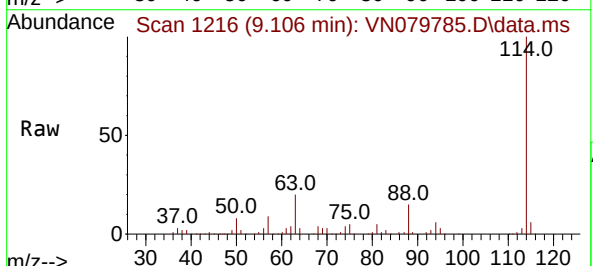
Tgt Ion:114 Resp: 517931

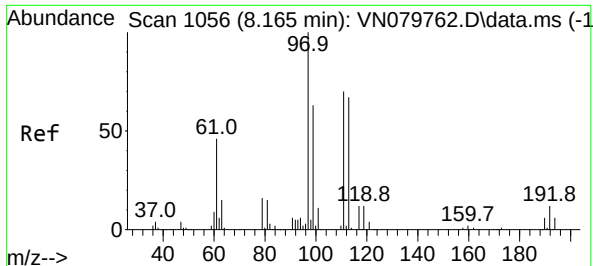
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.309 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN079785.D

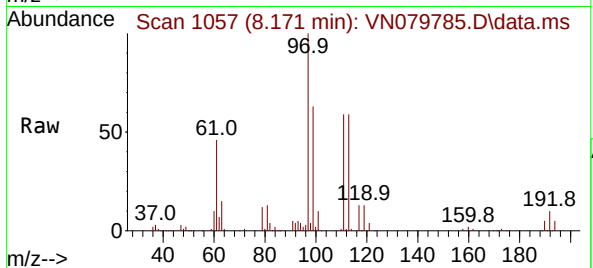
Acq: 01 Nov 2023 20:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 113 Resp: 18441

Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

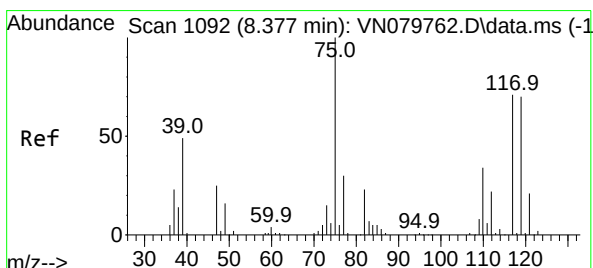
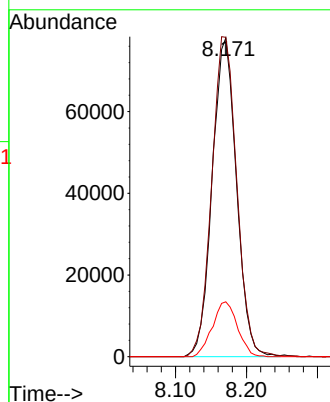
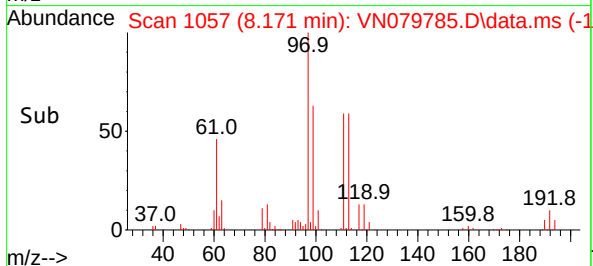
192 17.9 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#36

1,1-Dichloropropene

Concen: 53.491 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN079785.D

Acq: 01 Nov 2023 20:42

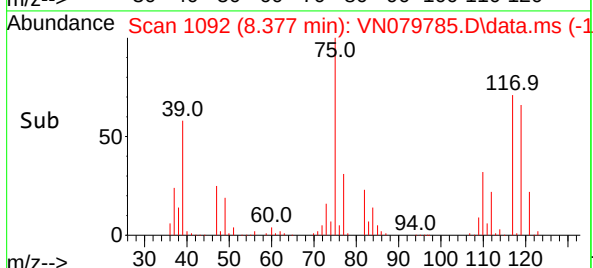
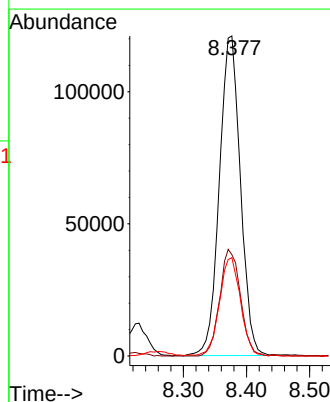
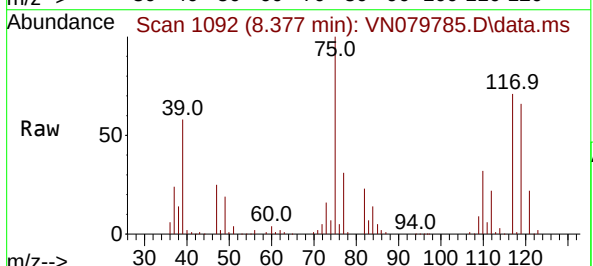
Tgt Ion: 75 Resp: 279973

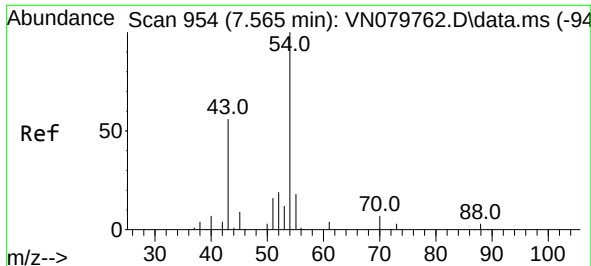
Ion Ratio Lower Upper

75 100

110 33.0 19.1 57.3

77 30.9 25.0 37.4





#37
Ethyl Acetate
Concen: 56.122 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

Instrument :

MSVOA_N

ClientSampleId :

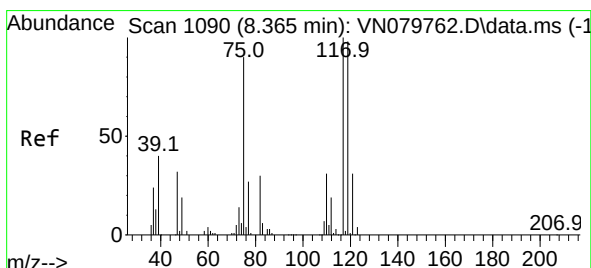
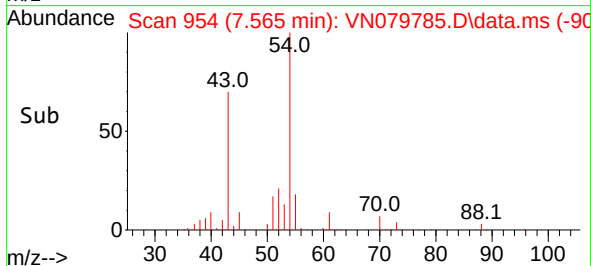
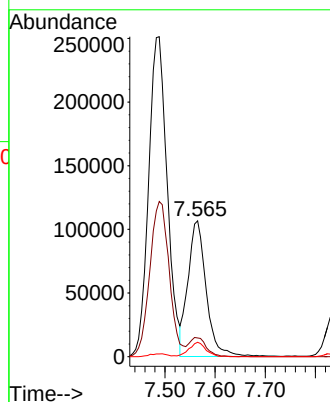
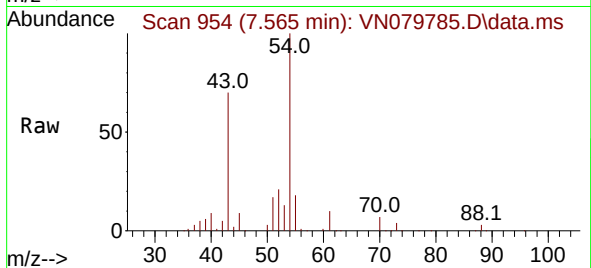
VSTDCCC050EC

Tgt Ion: 43 Resp: 269399
Ion Ratio Lower Upper
43 100
61 13.0 13.2 19.8
70 9.7 11.3 16.9

Manual Integrations

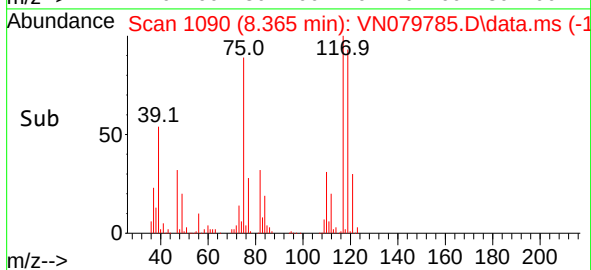
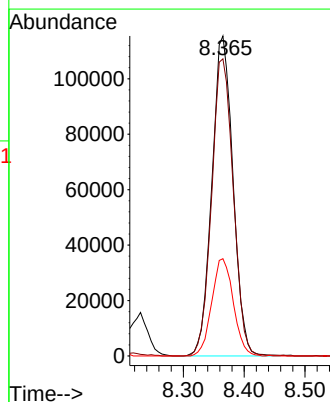
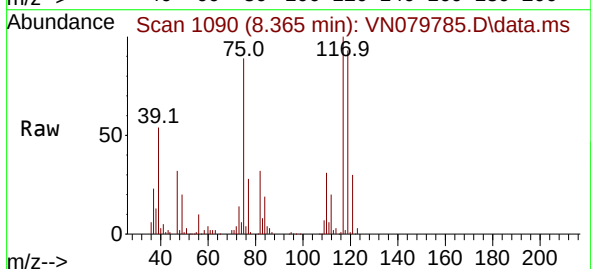
APPROVED

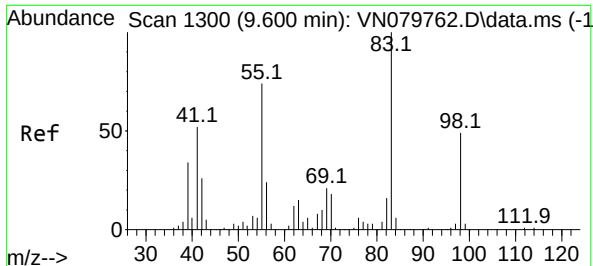
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#38
Carbon Tetrachloride
Concen: 52.649 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

Tgt Ion:117 Resp: 277722
Ion Ratio Lower Upper
117 100
119 92.8 77.3 115.9
121 30.4 23.3 34.9





#39

Methylcyclohexane

Concen: 53.702 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079785.D

Acq: 01 Nov 2023 20:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 26452

Ion Ratio Lower Upper

83 100

55 75.8 49.1 73.7

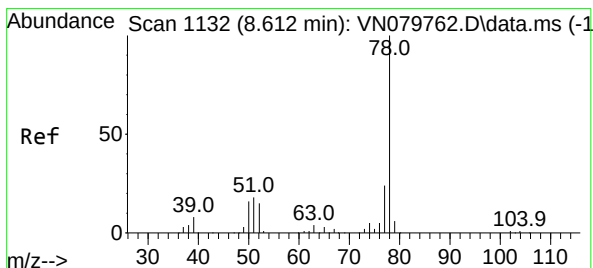
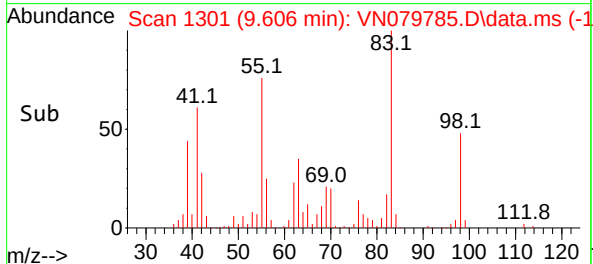
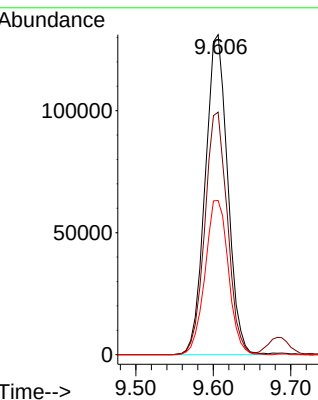
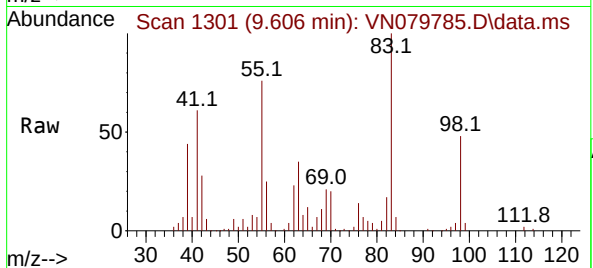
98 48.2 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#40

Benzene

Concen: 53.535 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN079785.D

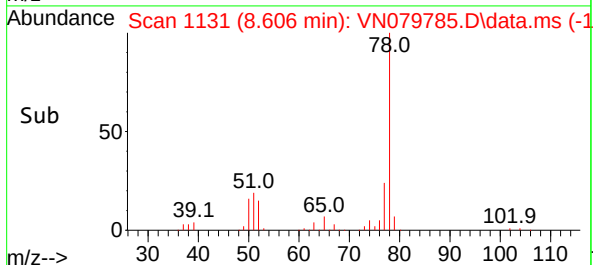
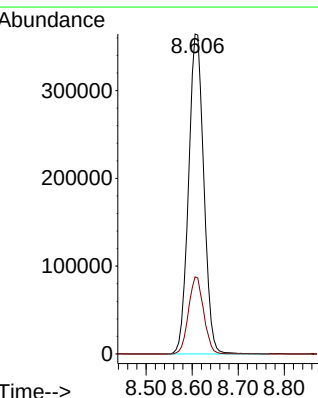
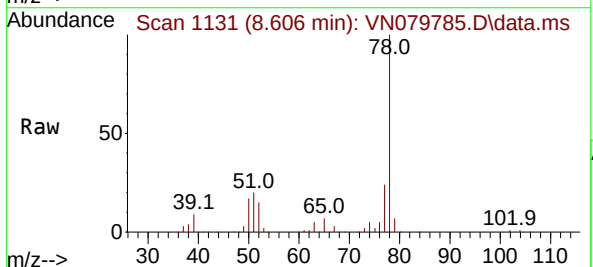
Acq: 01 Nov 2023 20:42

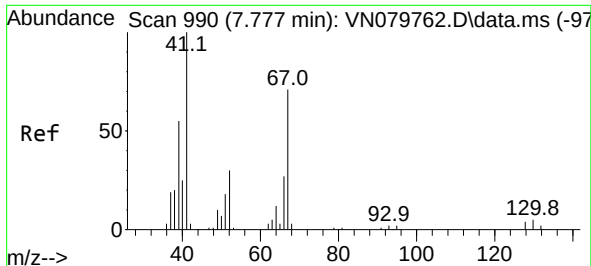
Tgt Ion: 78 Resp: 839247

Ion Ratio Lower Upper

78 100

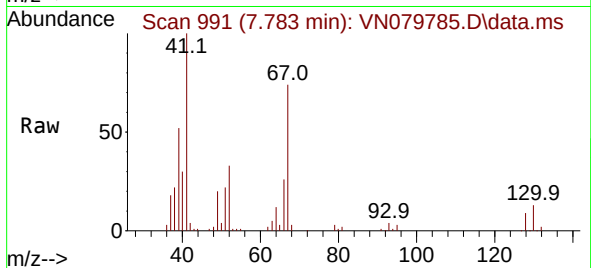
77 24.1 19.0 28.6





#41
Methacrylonitrile
Concen: 55.838 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

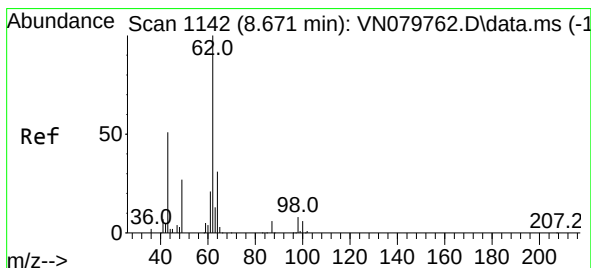
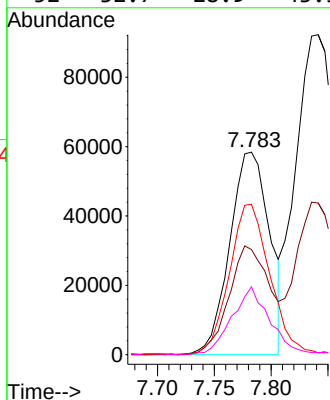
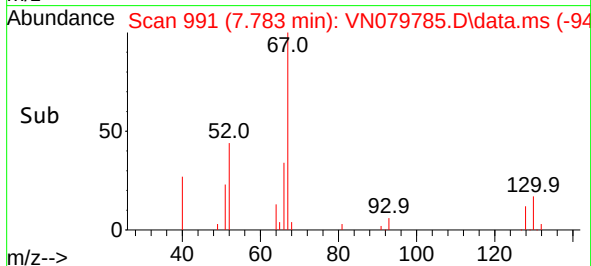
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



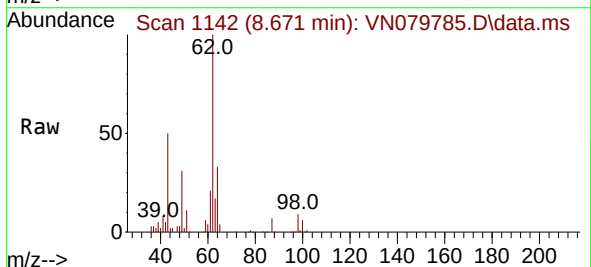
Tgt Ion: 41 Resp: 14233
Ion Ratio Lower Upper
41 100
39 54.4 42.6 64.0
67 76.1 77.5 116.3
52 32.7 28.9 43.3

Manual Integrations
APPROVED

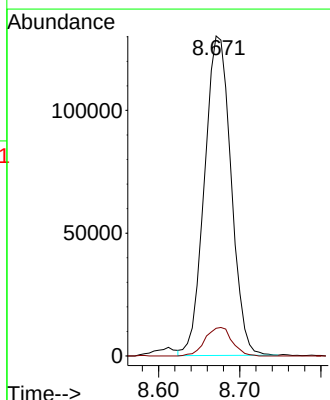
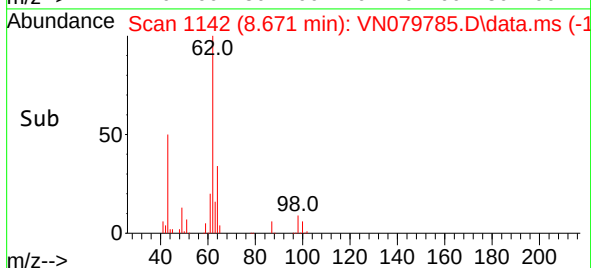
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

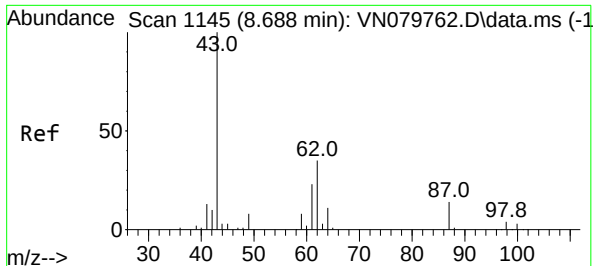


#42
1,2-Dichloroethane
Concen: 54.070 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42



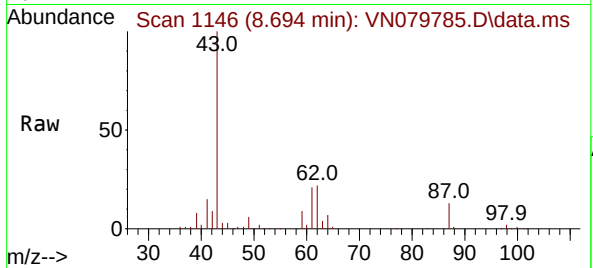
Tgt Ion: 62 Resp: 296085
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.8





#43
Isopropyl Acetate
Concen: 52.594 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

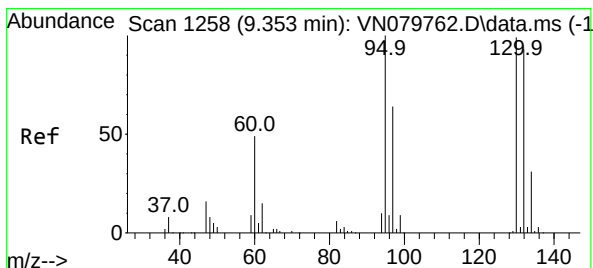
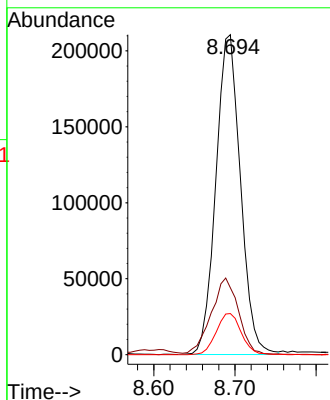
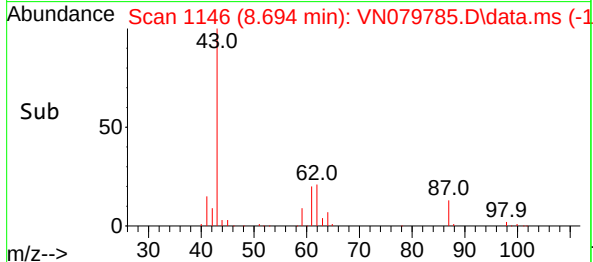
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 44274
Ion Ratio Lower Upper
43 100
61 26.6 24.7 37.1
87 13.1 14.6 21.8

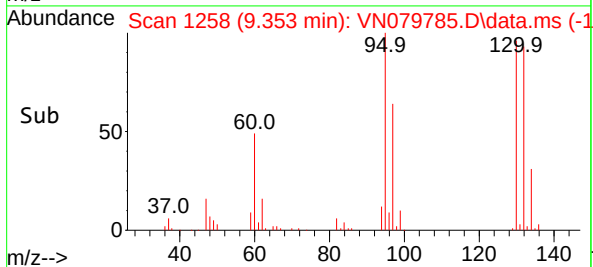
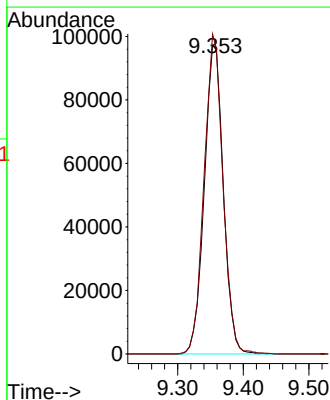
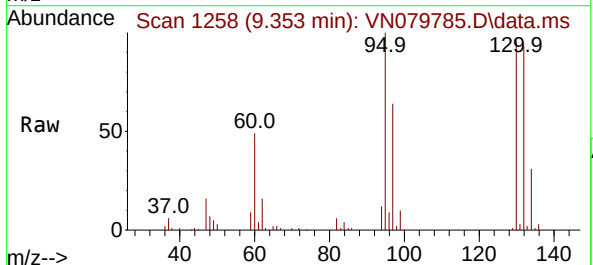
Manual Integrations
APPROVED

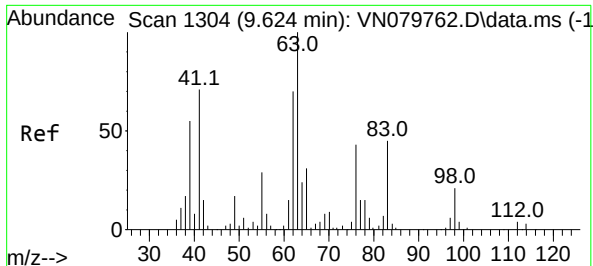
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#44
Trichloroethene
Concen: 50.532 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

Tgt Ion:130 Resp: 196574
Ion Ratio Lower Upper
130 100
95 103.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 55.787 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079785.D

Acq: 01 Nov 2023 20:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 22349

Ion Ratio Lower Upper

63 100

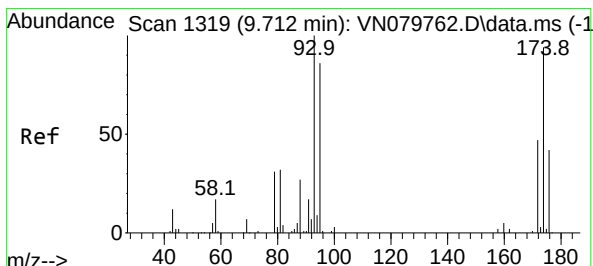
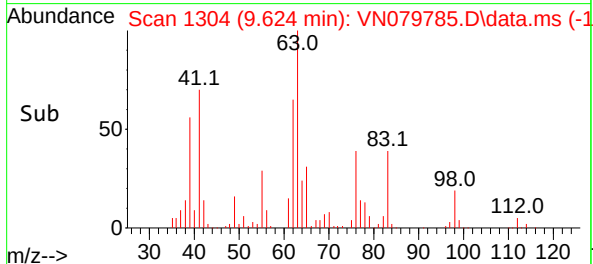
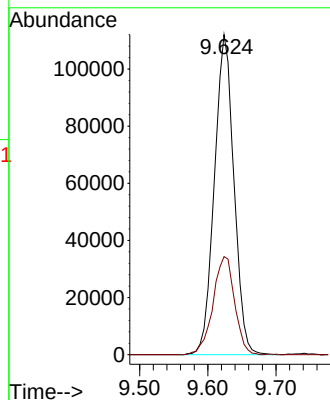
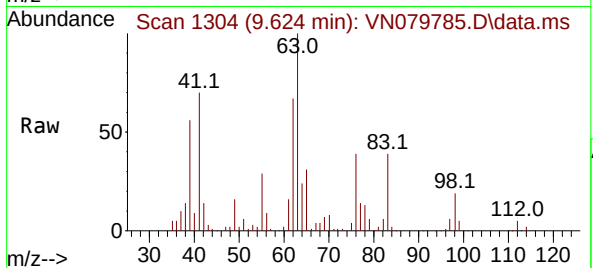
65 30.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#46

Dibromomethane

Concen: 52.691 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079785.D

Acq: 01 Nov 2023 20:42

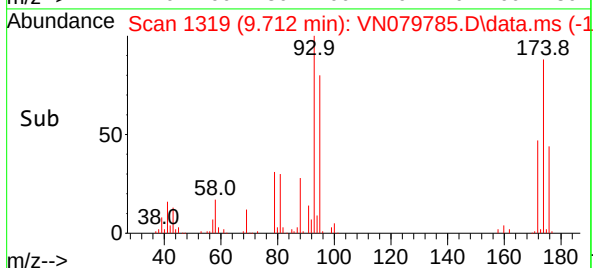
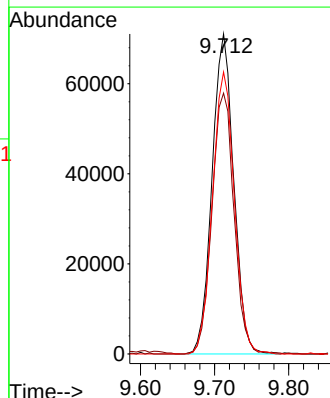
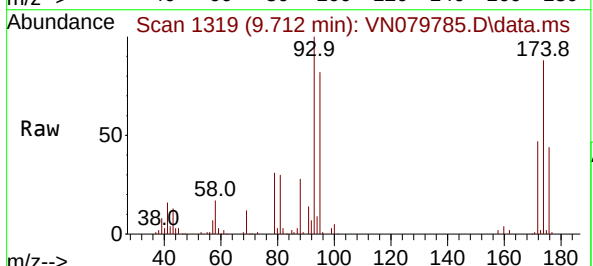
Tgt Ion: 93 Resp: 144137

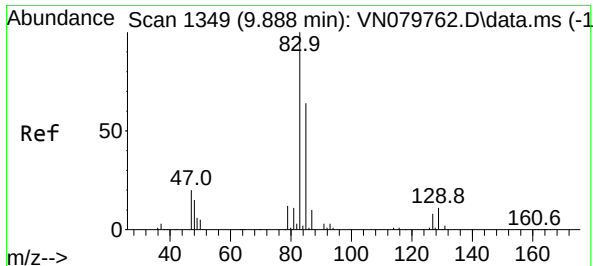
Ion Ratio Lower Upper

93 100

95 83.4 63.8 95.8

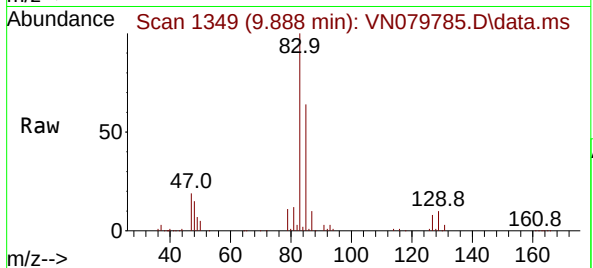
174 89.4 65.6 98.4





#47
Bromodichloromethane
Concen: 52.093 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

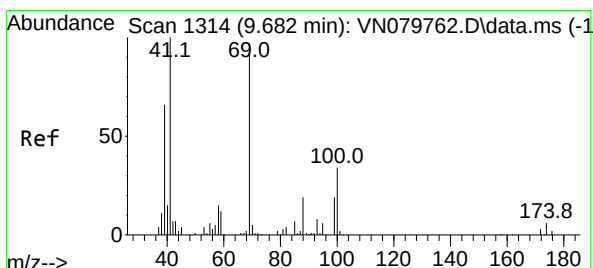
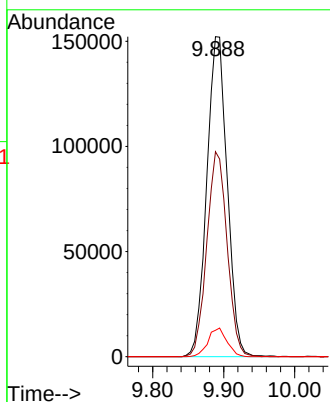
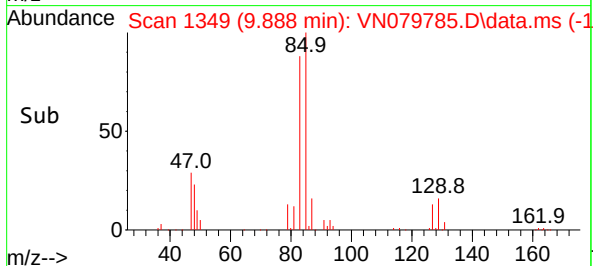
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 30391
Ion Ratio Lower Upper
83 100
85 64.1 49.6 74.4
127 8.3 7.0 10.6

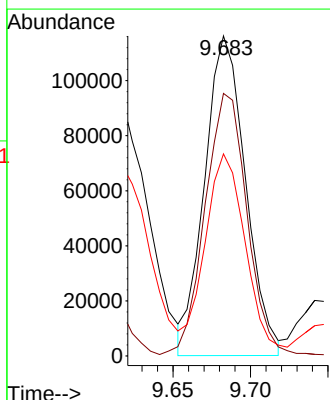
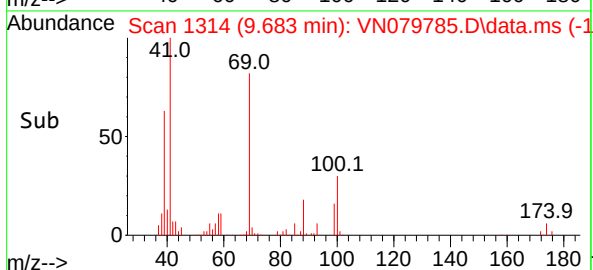
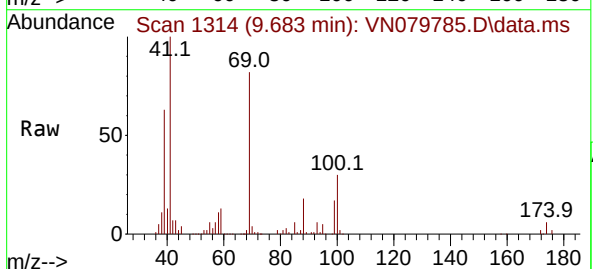
Manual Integrations
APPROVED

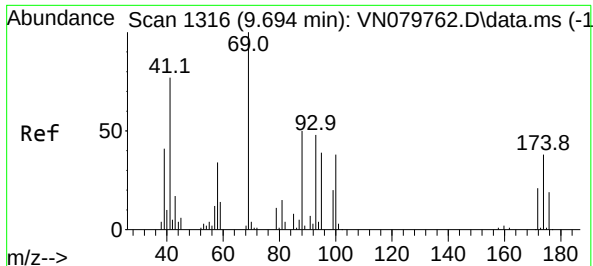
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#48
Methyl methacrylate
Concen: 57.804 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

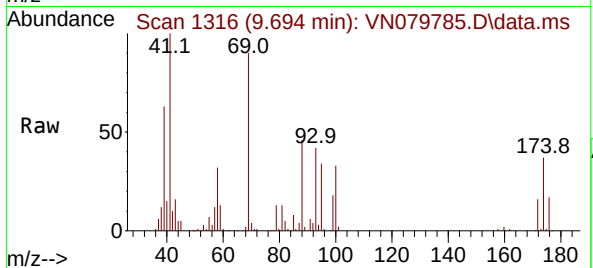
Tgt Ion: 41 Resp: 213139
Ion Ratio Lower Upper
41 100
69 85.2 90.4 135.6#
39 63.1 54.6 81.8





#49
1,4-Dioxane
Concen: 1131.072 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

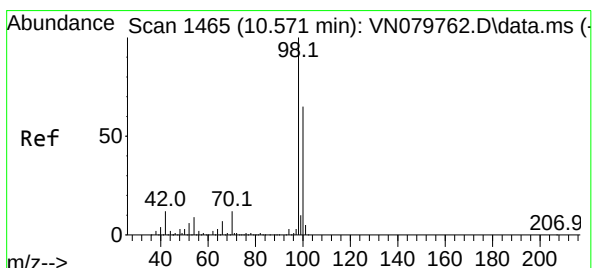
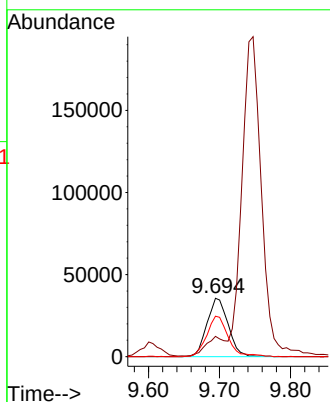
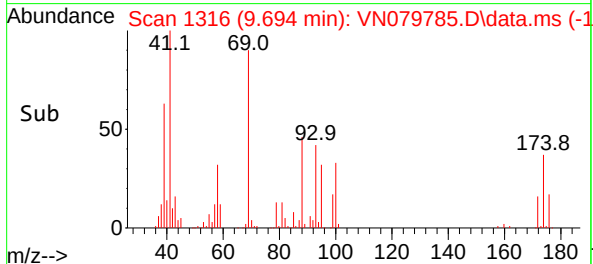
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



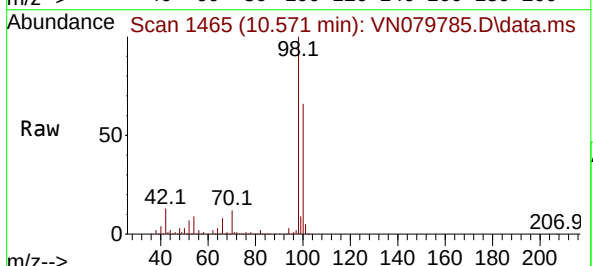
Tgt Ion: 88 Resp: 7369
Ion Ratio Lower Upper
88 100
43 32.2 17.0 25.6
58 70.1 47.0 70.4

Manual Integrations
APPROVED

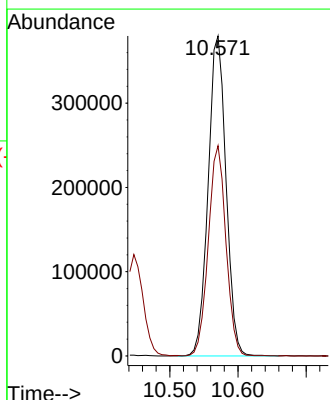
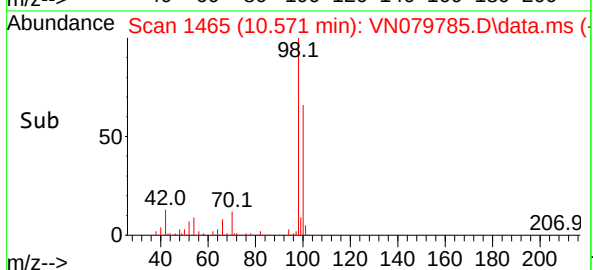
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

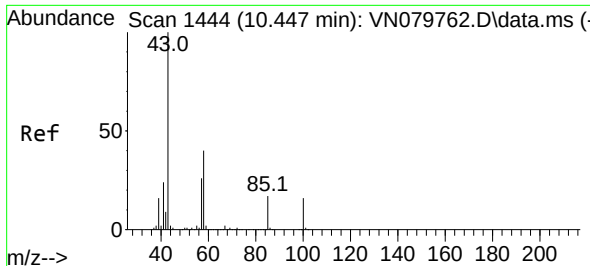


#50
Toluene-d8
Concen: 51.378 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42



Tgt Ion: 98 Resp: 693332
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 290.327 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

Instrument :

MSVOA_N

ClientSampleId :

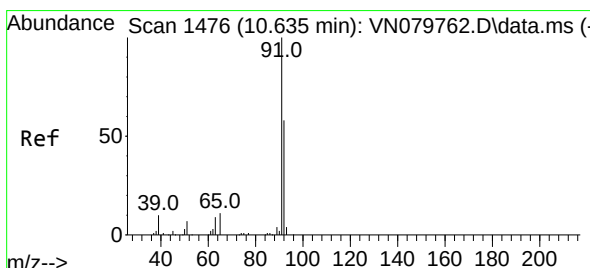
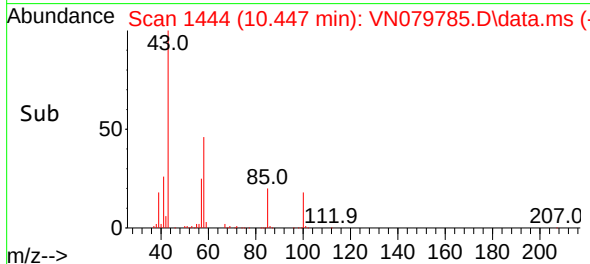
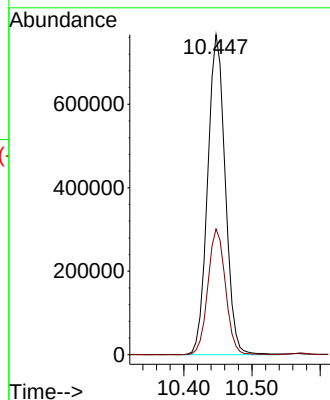
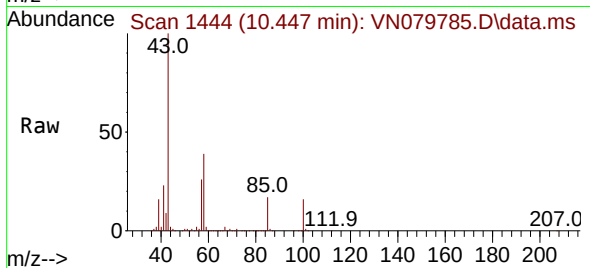
VSTDCCC050EC

Tgt Ion: 43 Resp: 137595
Ion Ratio Lower Upper
43 100
58 39.2 36.6 54.8

Manual Integrations

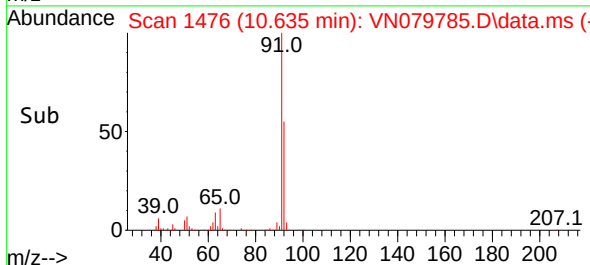
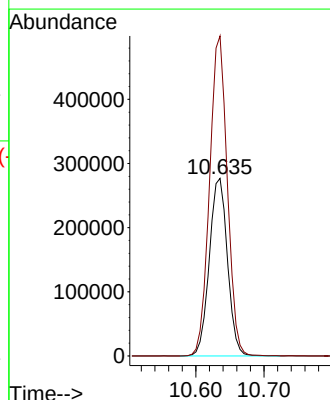
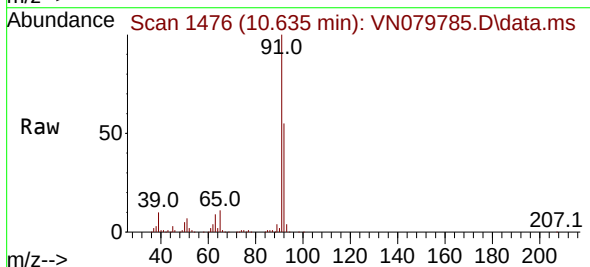
APPROVED

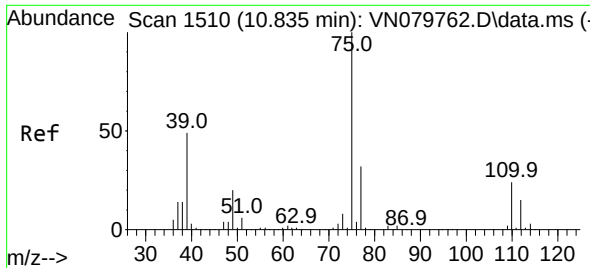
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#52
Toluene
Concen: 55.178 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

Tgt Ion: 92 Resp: 512809
Ion Ratio Lower Upper
92 100
91 176.2 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 55.320 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

Instrument :

MSVOA_N

ClientSampleId :

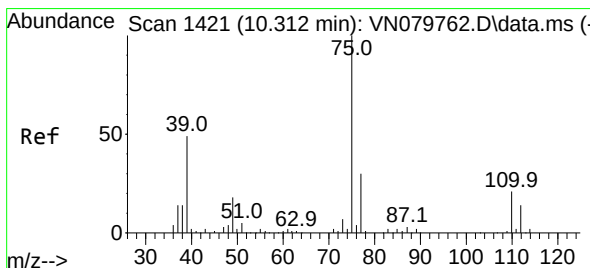
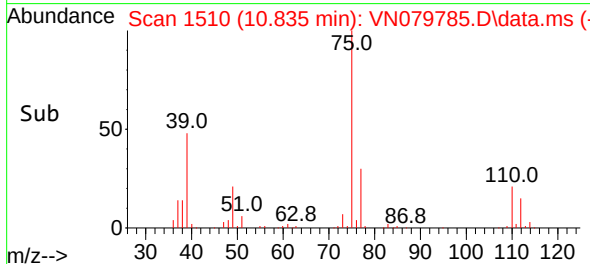
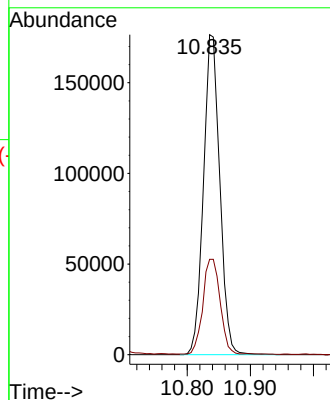
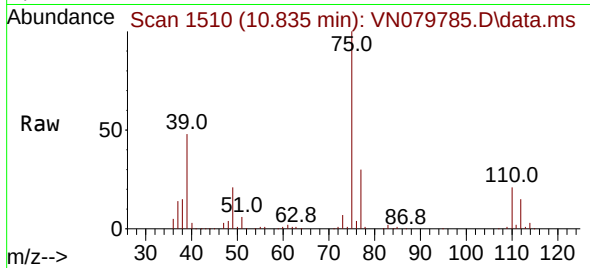
VSTDCCC050EC

Tgt Ion: 75 Resp: 316380
Ion Ratio Lower Upper
75 100
77 29.7 25.4 38.0

Manual Integrations

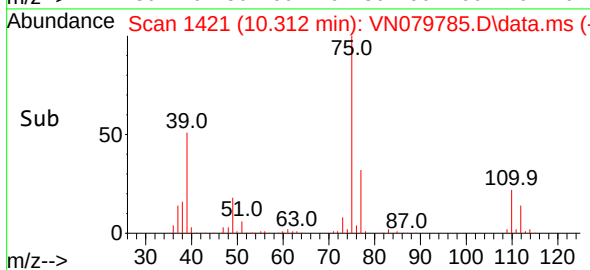
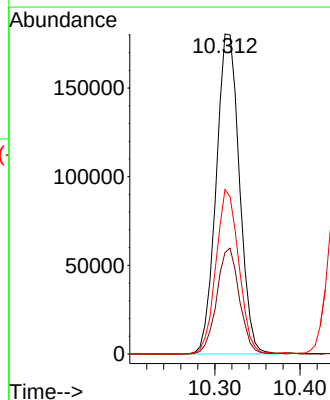
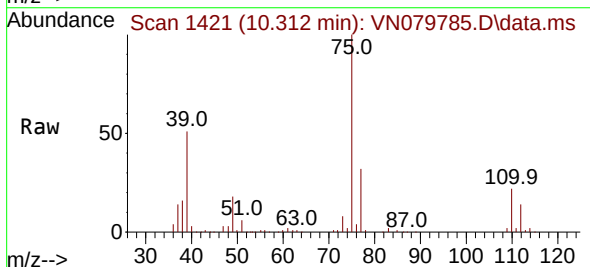
APPROVED

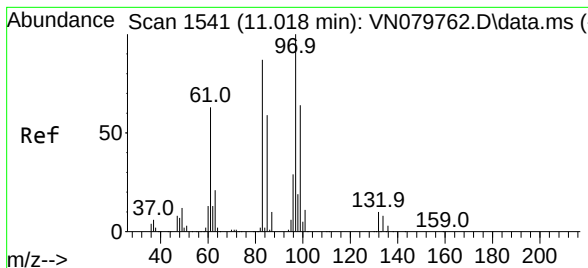
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#54
cis-1,3-Dichloropropene
Concen: 54.791 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

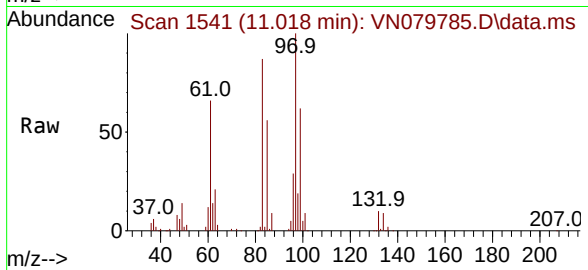
Tgt Ion: 75 Resp: 341559
Ion Ratio Lower Upper
75 100
77 31.7 26.1 39.1
39 51.4 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 54.710 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

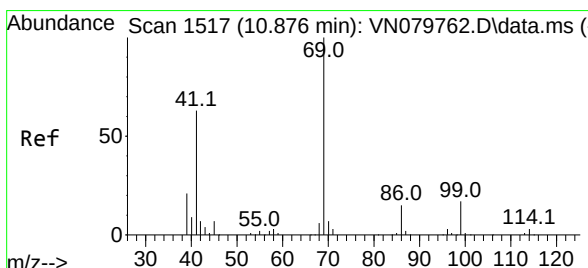
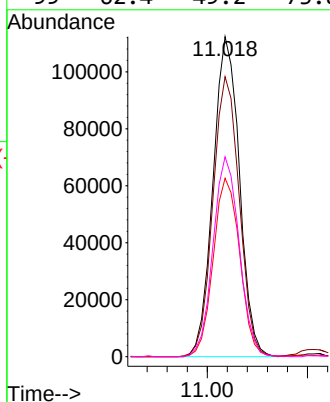
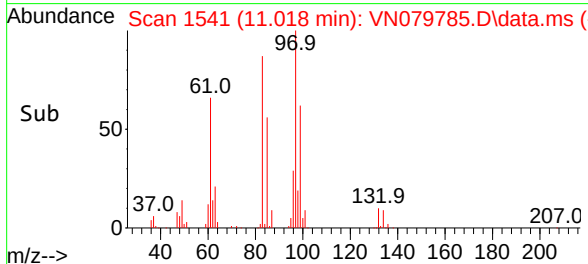


Tgt Ion: 97 Resp: 204514

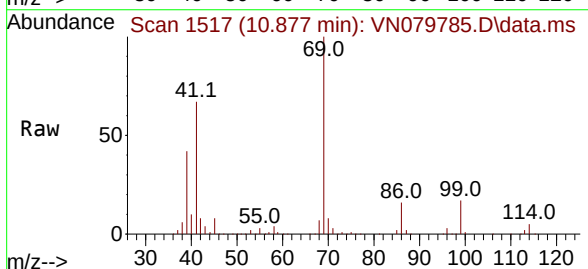
Ion	Ratio	Lower	Upper
97	100		
83	87.5	65.1	97.7
85	55.8	43.4	65.2
99	62.4	49.2	73.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

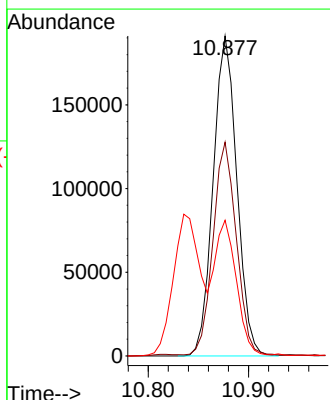
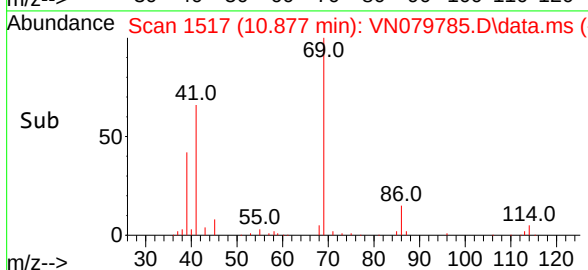


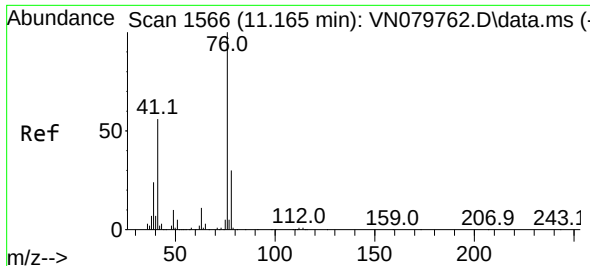
#56
Ethyl methacrylate
Concen: 58.681 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42



Tgt Ion: 69 Resp: 312889

Ion	Ratio	Lower	Upper
69	100		
41	65.5	39.6	59.4
39	38.8	28.6	43.0





#57

1,3-Dichloropropane

Concen: 54.505 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079785.D

Acq: 01 Nov 2023 20:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 35913

Ion Ratio Lower Upper

76 100

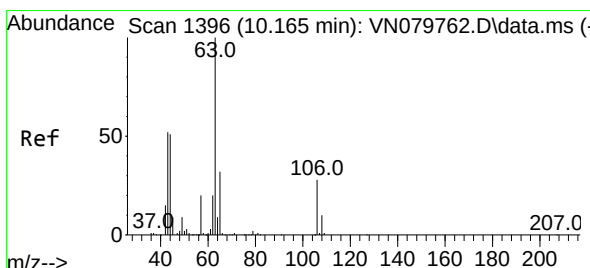
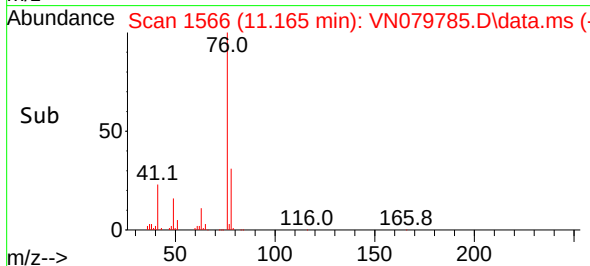
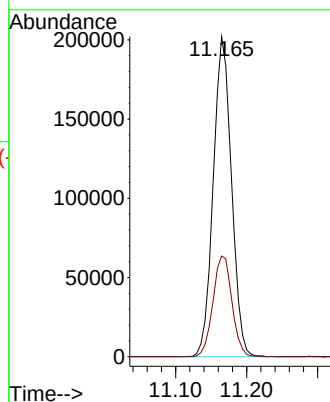
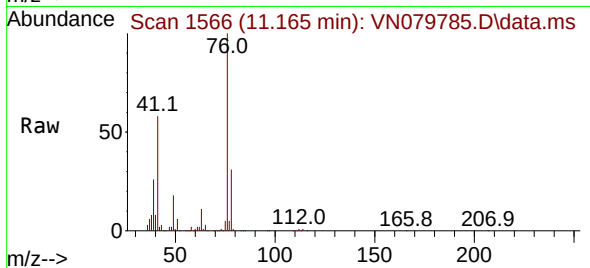
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#58

2-Chloroethyl Vinyl ether

Concen: 277.810 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN079785.D

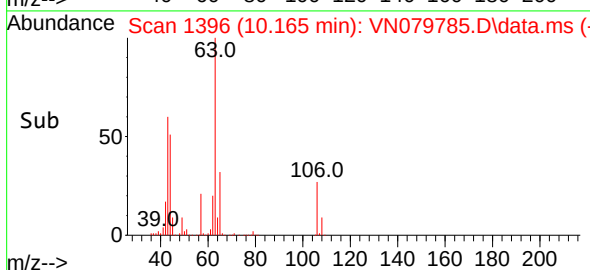
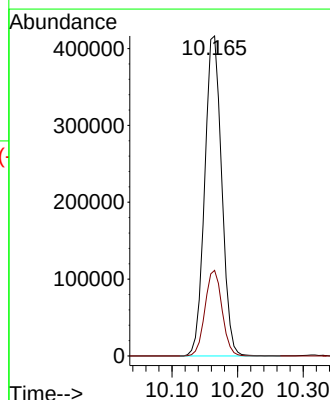
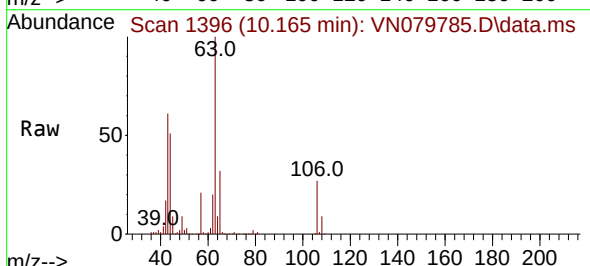
Acq: 01 Nov 2023 20:42

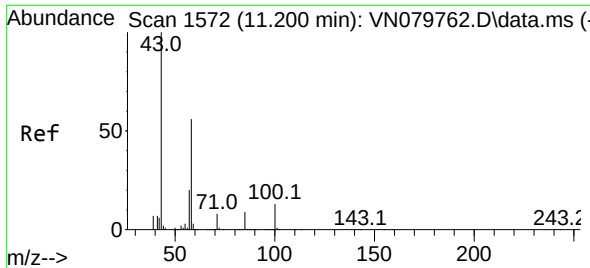
Tgt Ion: 63 Resp: 750772

Ion Ratio Lower Upper

63 100

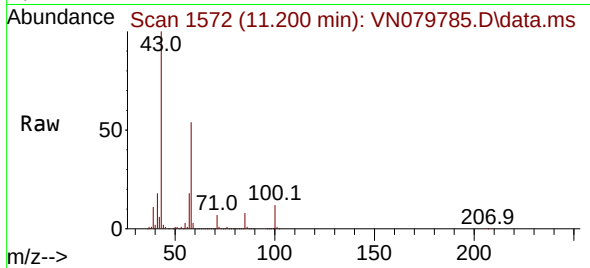
106 26.8 26.2 39.4





#59
2-Hexanone
Concen: 282.600 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

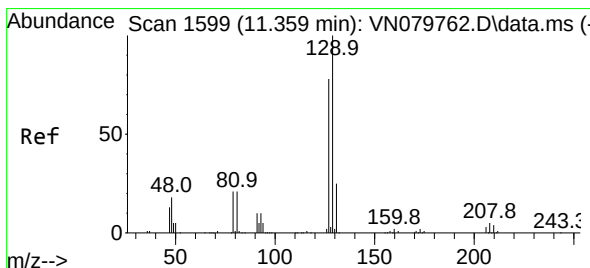
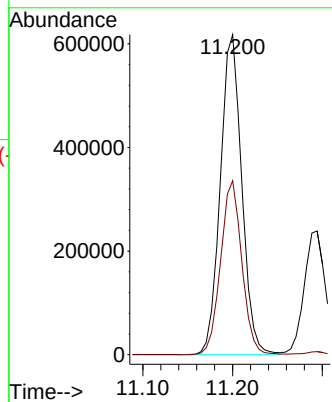
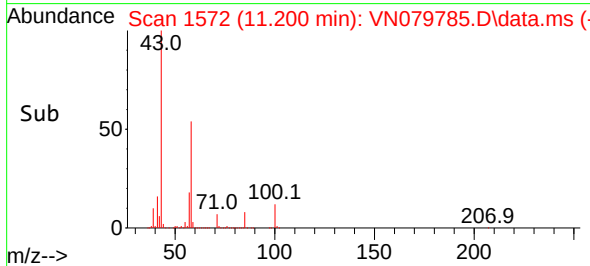
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



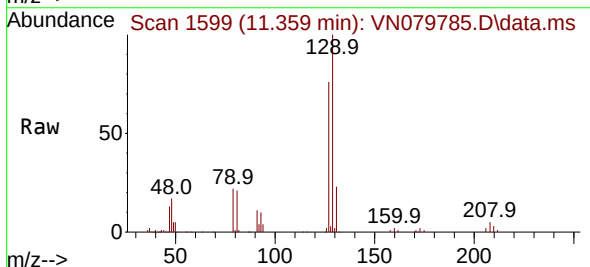
Tgt Ion: 43 Resp: 102459
Ion Ratio Lower Upper
43 100
58 53.8 31.7 95.1

Manual Integrations
APPROVED

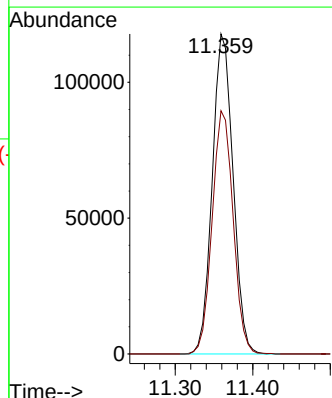
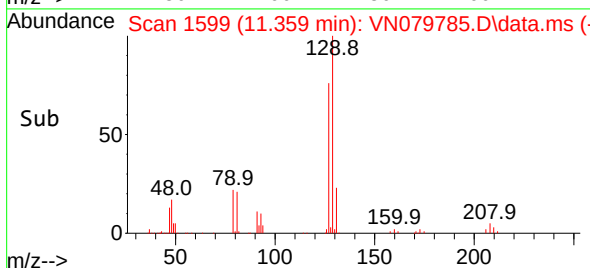
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

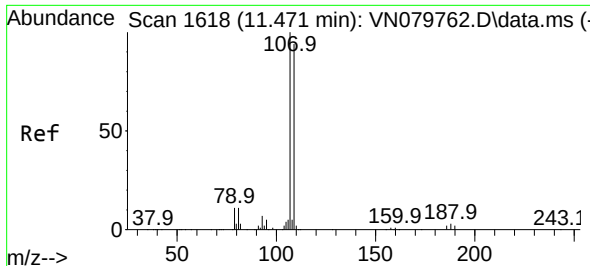


#60
Dibromochloromethane
Concen: 54.809 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42



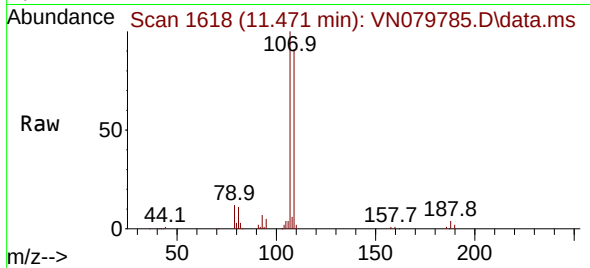
Tgt Ion:129 Resp: 219305
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 54.516 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

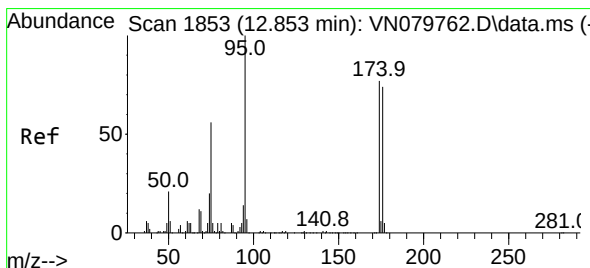
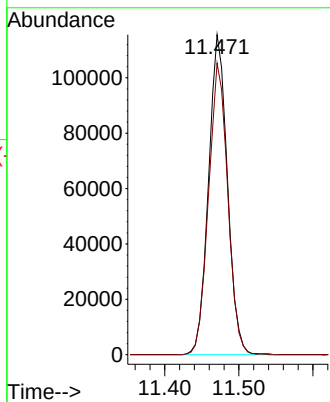
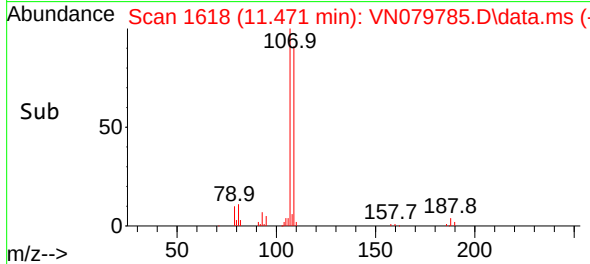
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



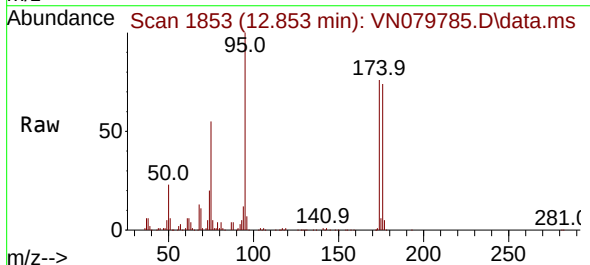
Tgt Ion:107 Resp: 204540
Ion Ratio Lower Upper
107 100
109 92.5 76.6 114.8

Manual Integrations
APPROVED

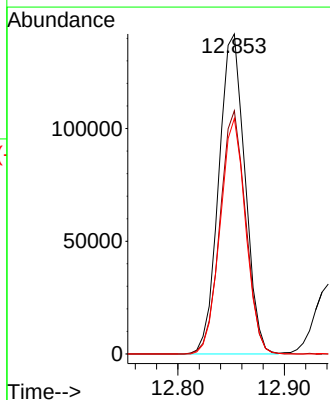
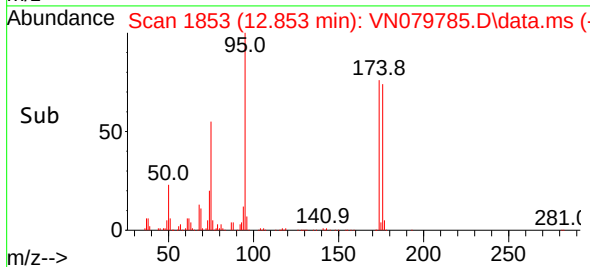
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

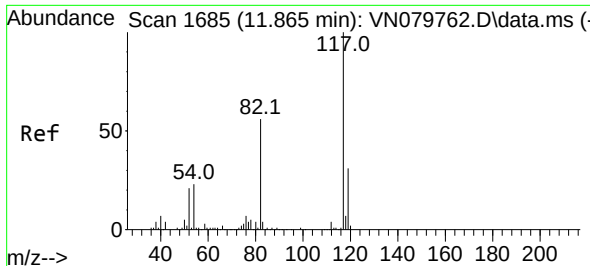


#62
4-Bromofluorobenzene
Concen: 54.085 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42



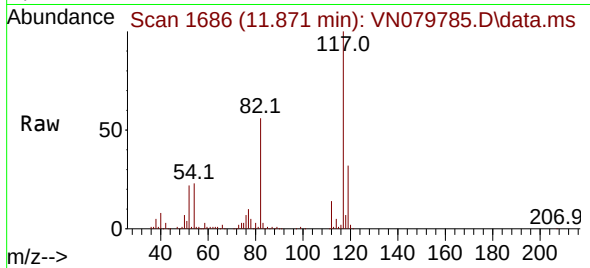
Tgt Ion: 95 Resp: 242059
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.8
176 71.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

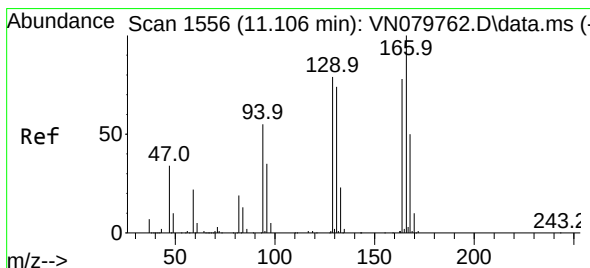
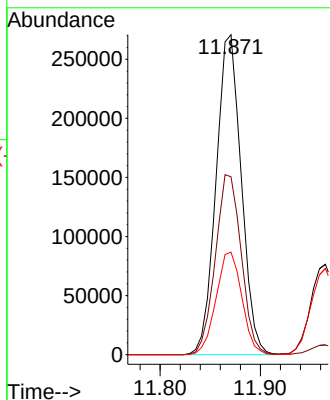
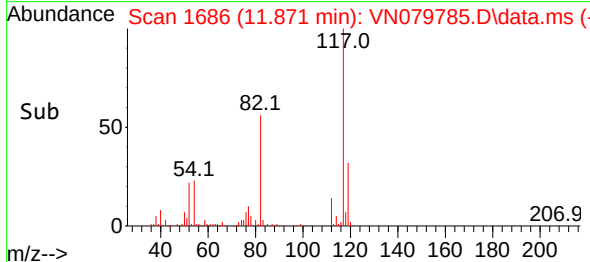
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 47380
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 32.1 25.6 38.4

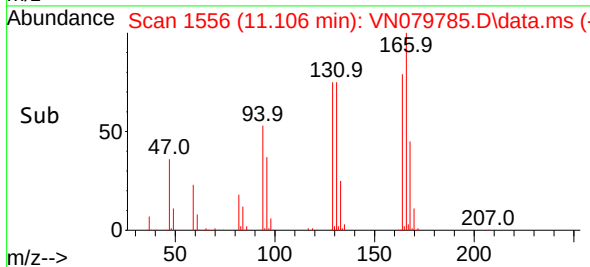
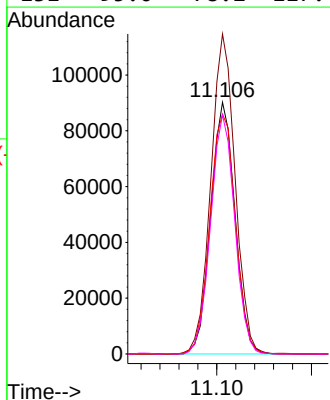
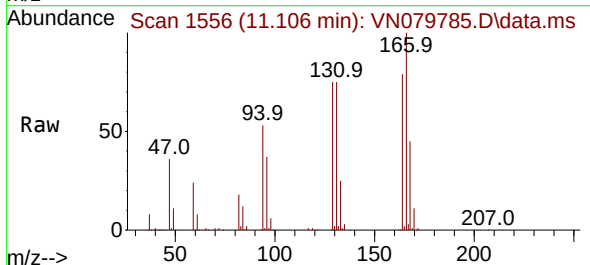
Manual Integrations
APPROVED

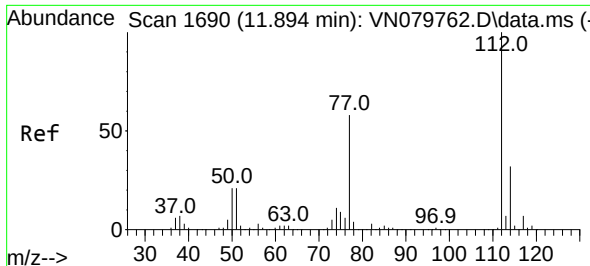
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#64
Tetrachloroethene
Concen: 52.407 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

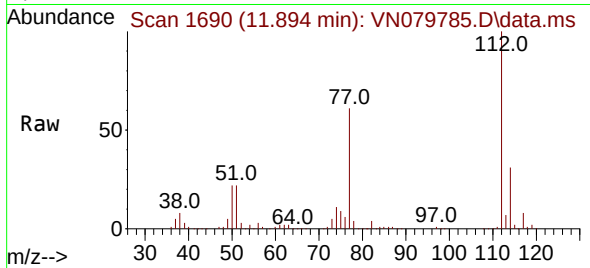
Tgt Ion:164 Resp: 160819
Ion Ratio Lower Upper
164 100
166 127.1 101.4 152.0
129 95.3 82.4 123.6
131 95.0 78.2 117.4





#65
Chlorobenzene
Concen: 52.832 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

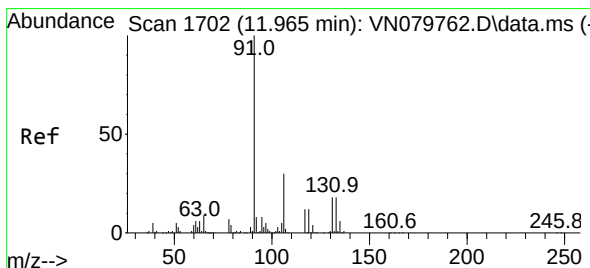
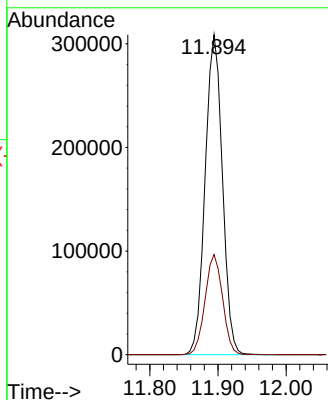
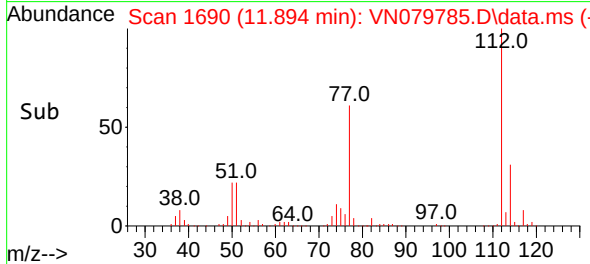
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



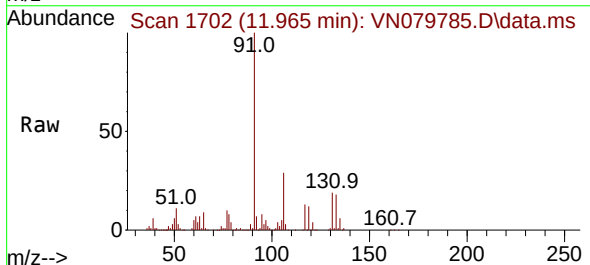
Tgt Ion:112 Resp: 54300
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.4

Manual Integrations
APPROVED

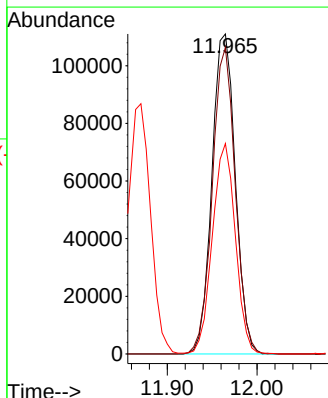
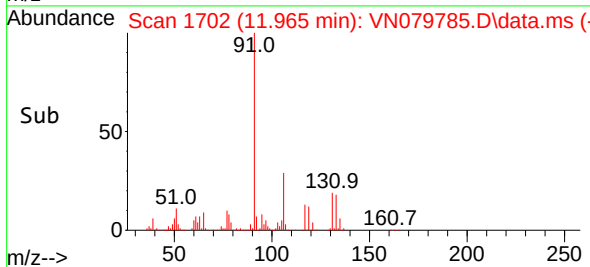
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

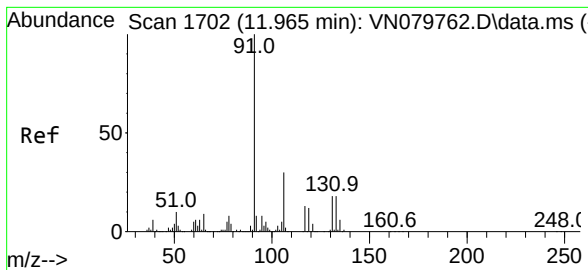


#66
1,1,1,2-Tetrachloroethane
Concen: 54.219 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42



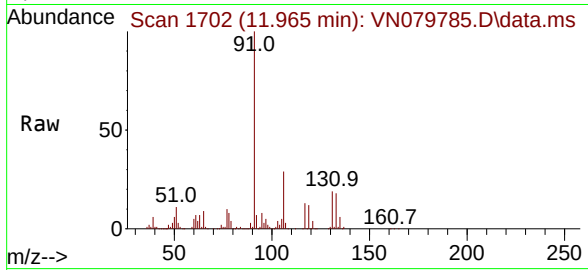
Tgt Ion:131 Resp: 200773
Ion Ratio Lower Upper
131 100
133 94.1 46.4 139.1
119 64.8 34.1 102.2





#67
Ethyl Benzene
Concen: 55.626 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

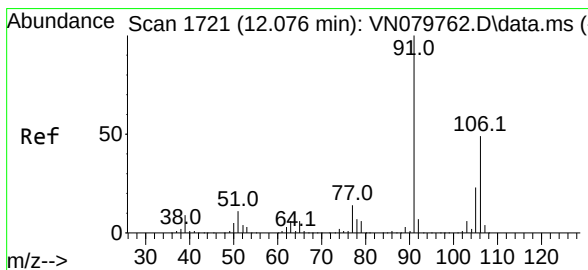
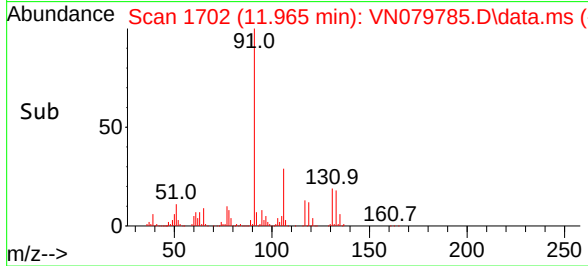
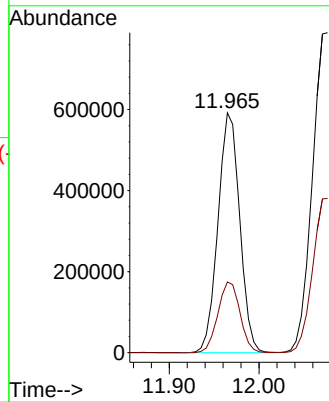
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 996060
Ion Ratio Lower Upper
91 100
106 29.5 25.6 38.4

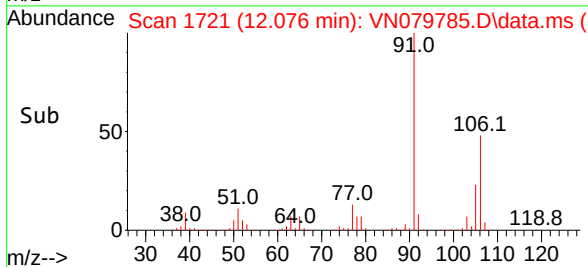
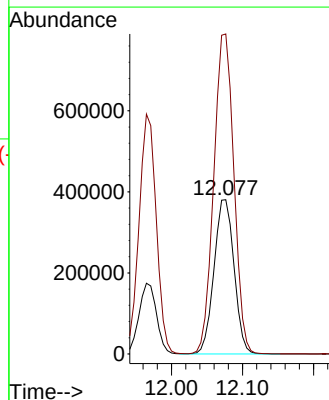
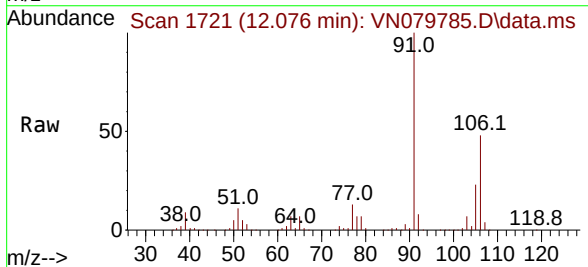
Manual Integrations
APPROVED

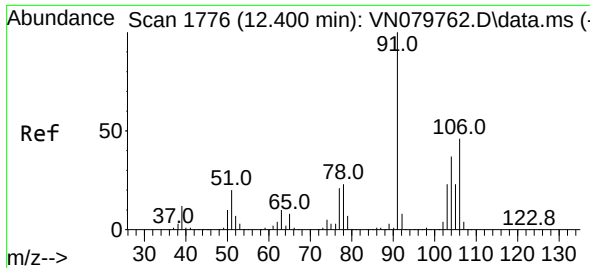
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#68
m/p-Xylenes
Concen: 111.726 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

Tgt Ion:106 Resp: 745268
Ion Ratio Lower Upper
106 100
91 208.2 159.6 239.4





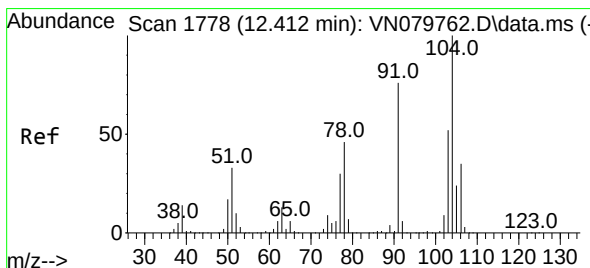
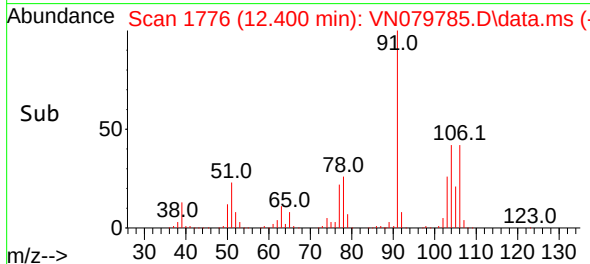
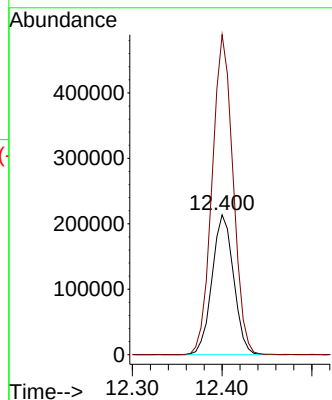
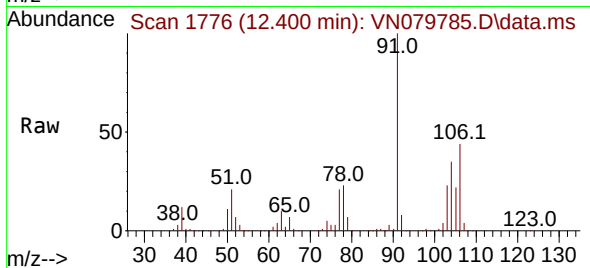
#69
o-Xylene
Concen: 55.436 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 35608
Ion Ratio Lower Upper
106 100
91 222.9 105.2 315.5

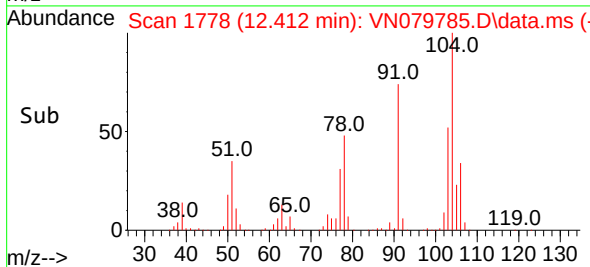
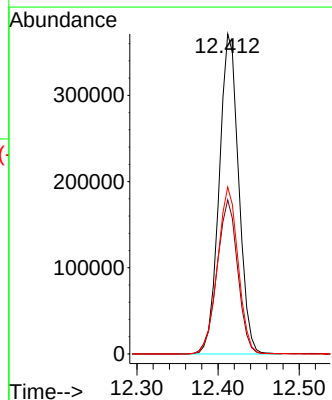
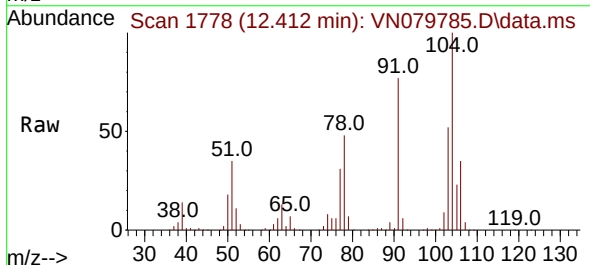
Manual Integrations
APPROVED

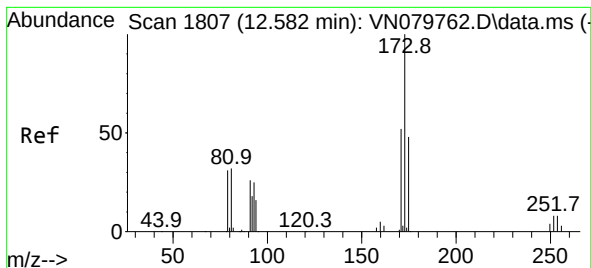
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#70
Styrene
Concen: 60.063 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

Tgt Ion:104 Resp: 620017
Ion Ratio Lower Upper
104 100
78 51.2 39.5 59.3
103 55.2 43.2 64.8





#71

Bromoform

Concen: 56.744 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079785.D

Acq: 01 Nov 2023 20:42

Instrument :

MSVOA_N

ClientSampleId :

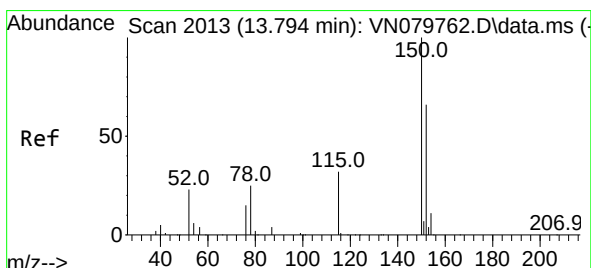
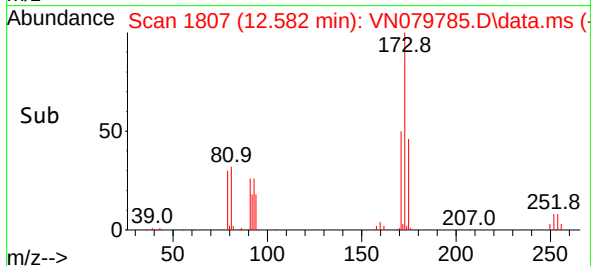
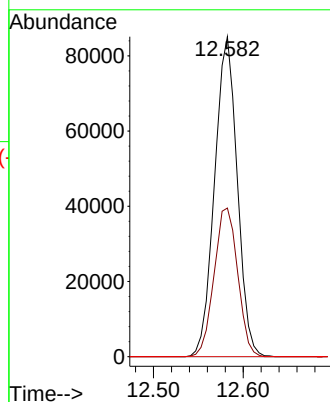
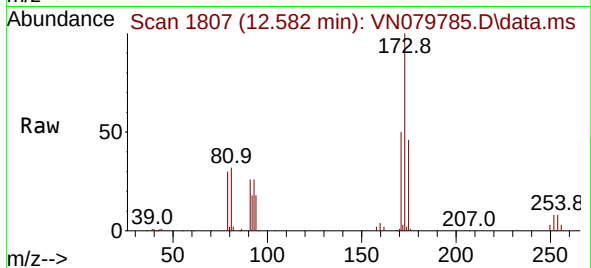
VSTDCCC050EC

Tgt Ion:173 Resp: 149204
 Ion Ratio Lower Upper
 173 100
 175 48.4 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023
 Supervised By :Mahesh Dadoda 11/02/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

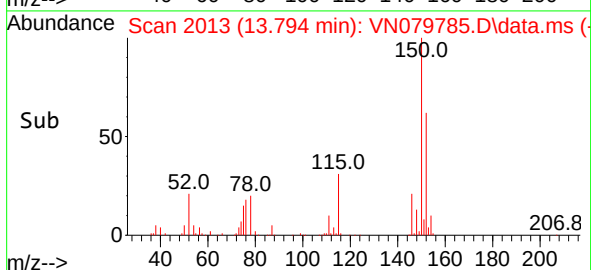
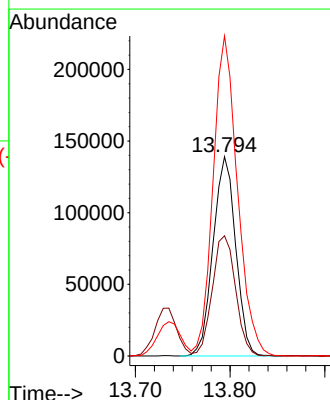
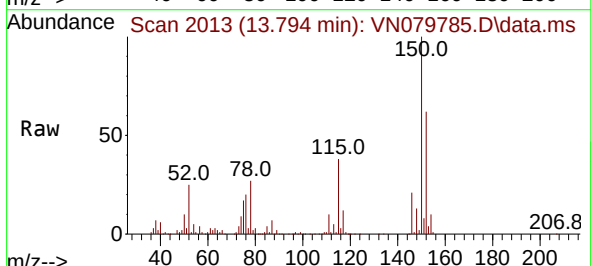
RT: 13.794 min Scan# 2013

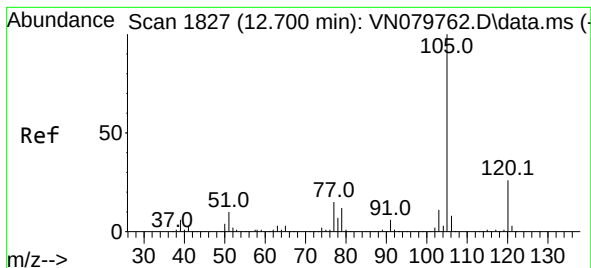
Delta R.T. 0.000 min

Lab File: VN079785.D

Acq: 01 Nov 2023 20:42

Tgt Ion:152 Resp: 231626
 Ion Ratio Lower Upper
 152 100
 115 62.2 32.3 96.8
 150 172.5 0.0 355.8





#73

Isopropylbenzene

Concen: 52.230 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079785.D

Acq: 01 Nov 2023 20:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 91815

Ion Ratio Lower Upper

105 100

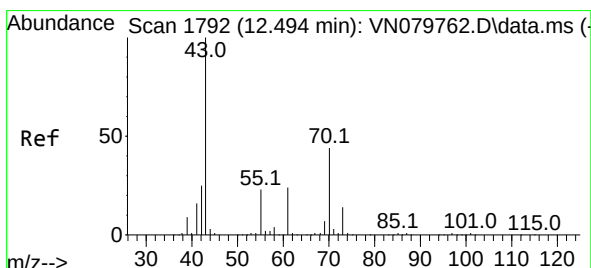
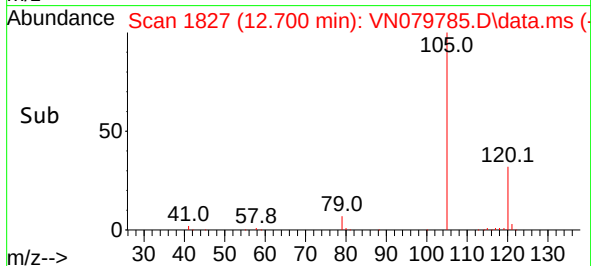
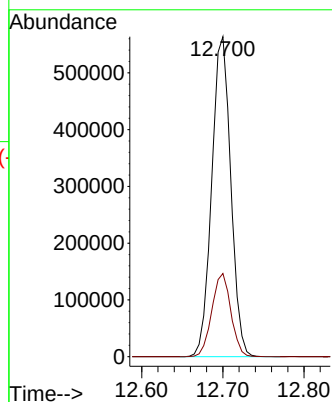
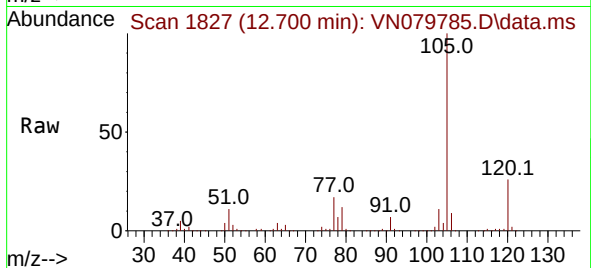
120 25.9 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023

Supervised By :Mahesh Dadoda 11/02/2023



#74

N-ethyl acetate

Concen: 52.211 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN079785.D

Acq: 01 Nov 2023 20:42

Tgt Ion: 43 Resp: 400618

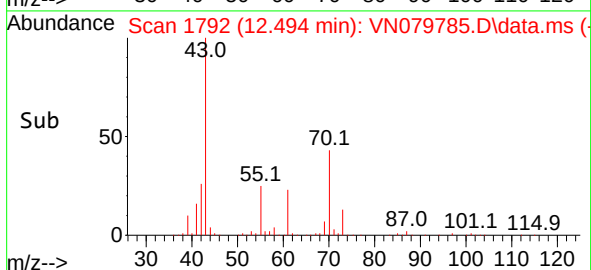
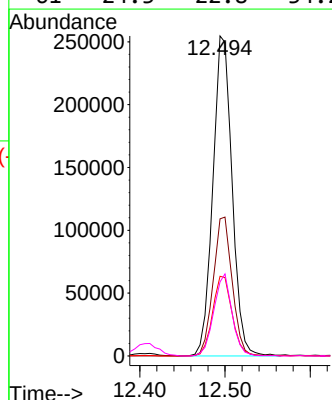
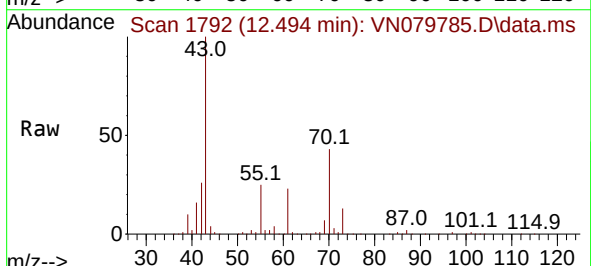
Ion Ratio Lower Upper

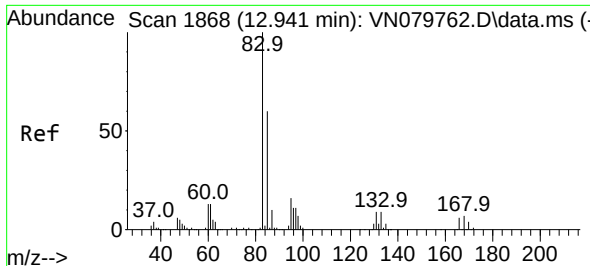
43 100

70 42.9 43.4 65.2#

55 25.3 21.4 32.0

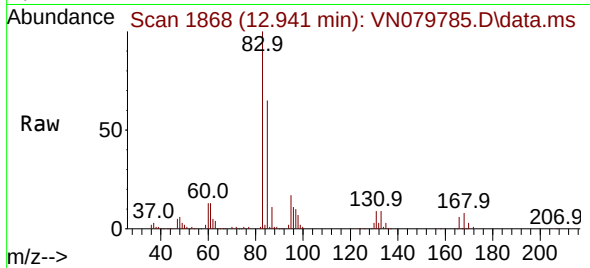
61 24.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.492 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

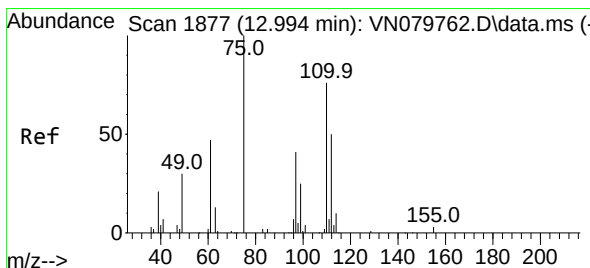
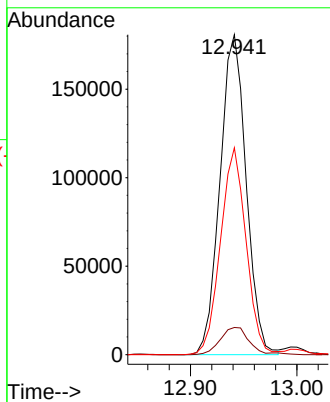
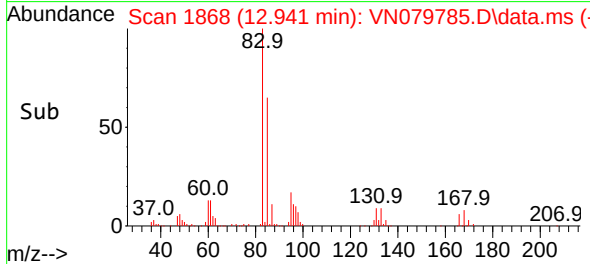
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 308470
Ion Ratio Lower Upper
83 100
131 9.5 5.0 15.0
85 63.2 31.9 95.7

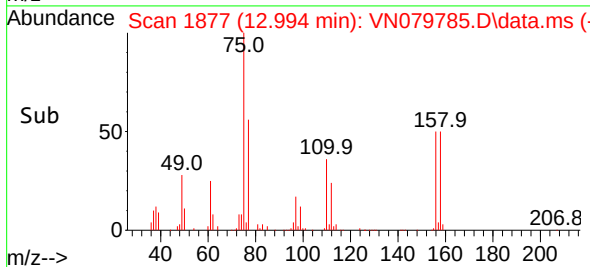
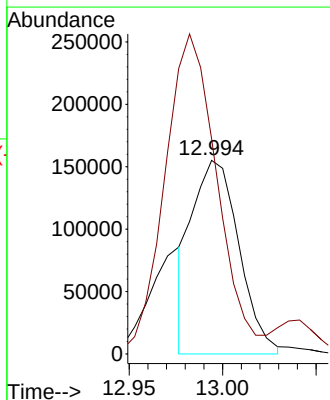
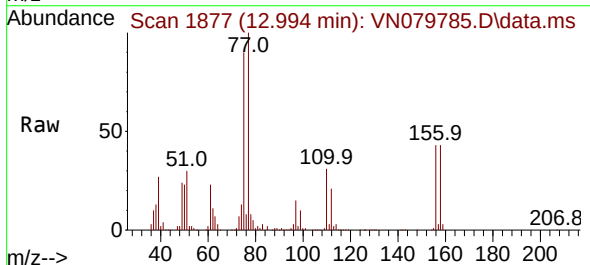
Manual Integrations
APPROVED

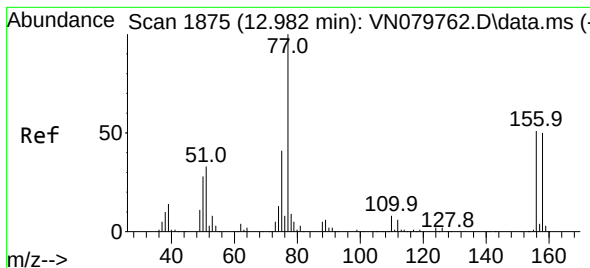
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#76
1,2,3-Trichloropropane
Concen: 49.670 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

Tgt Ion: 75 Resp: 270098
Ion Ratio Lower Upper
75 100
77 185.8 84.5 253.5





#77

Bromobenzene

Concen: 50.912 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079785.D

Acq: 01 Nov 2023 20:42

Instrument :

MSVOA_N

ClientSampleId :

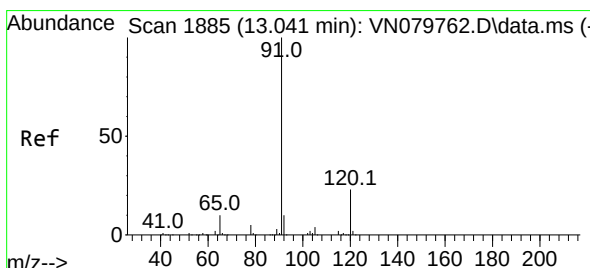
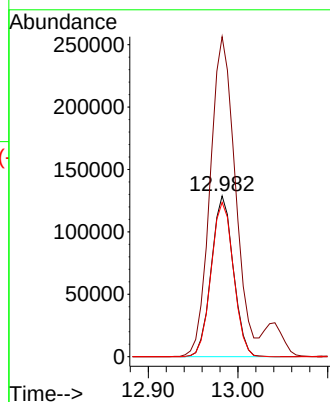
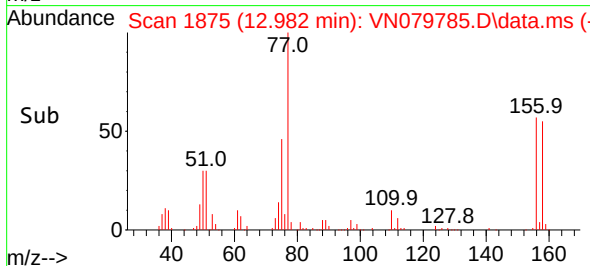
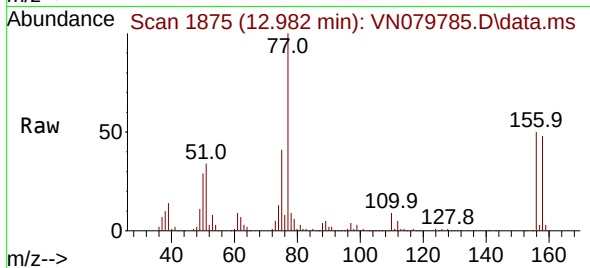
VSTDCCC050EC

Tgt Ion:156 Resp: 219114
 Ion Ratio Lower Upper
 156 100
 77 229.0 107.7 323.3
 158 97.5 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/02/2023
 Supervised By :Mahesh Dadoda 11/02/2023



#78

n-propylbenzene

Concen: 53.562 ug/l

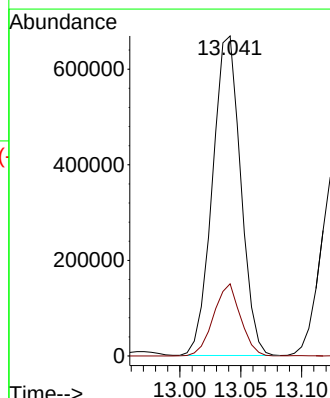
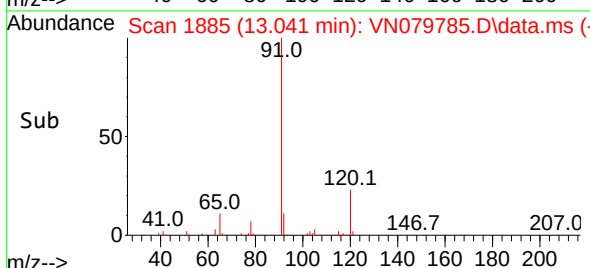
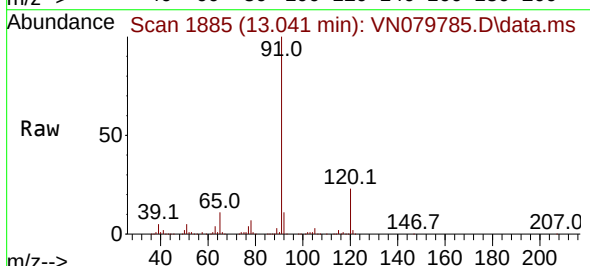
RT: 13.041 min Scan# 1885

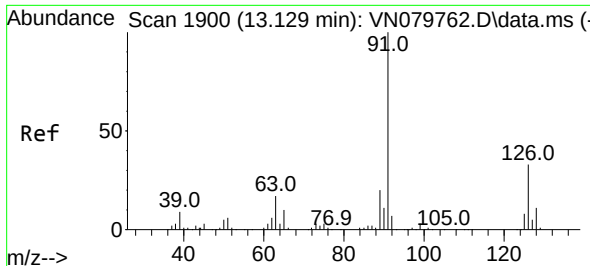
Delta R.T. 0.000 min

Lab File: VN079785.D

Acq: 01 Nov 2023 20:42

Tgt Ion: 91 Resp: 1078232
 Ion Ratio Lower Upper
 91 100
 120 21.6 11.5 34.4





#79
2-Chlorotoluene
Concen: 51.599 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

Instrument :

MSVOA_N

ClientSampleId :

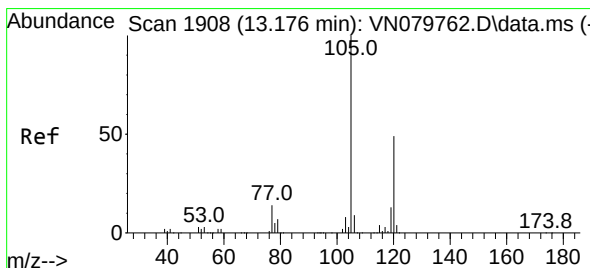
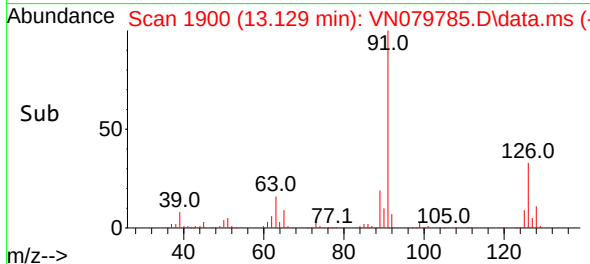
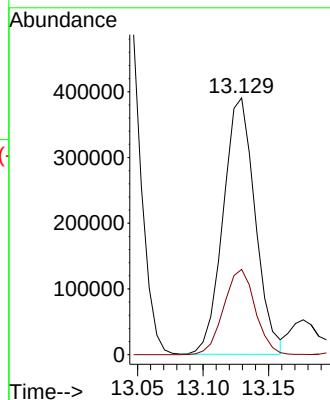
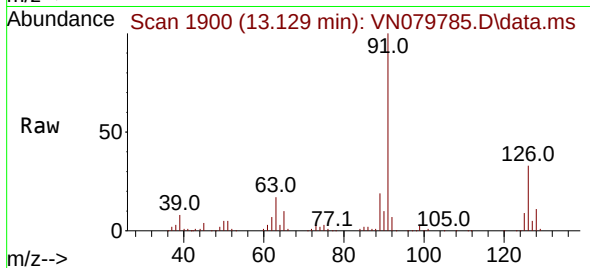
VSTDCCC050EC

Tgt Ion: 91 Resp: 66356
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.8

Manual Integrations

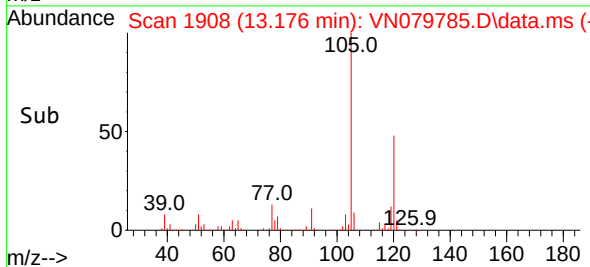
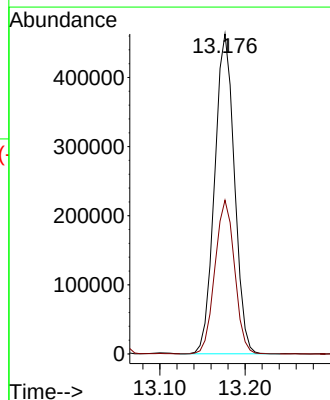
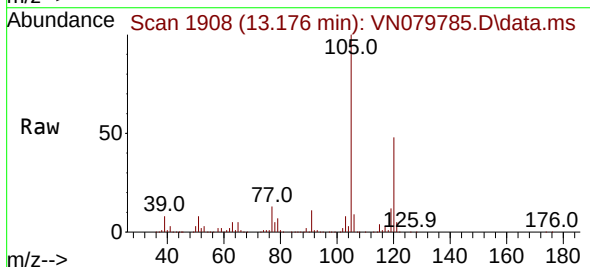
APPROVED

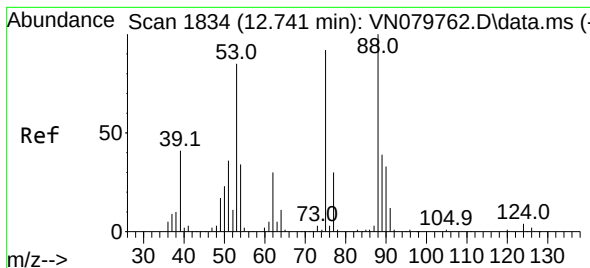
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#80
1,3,5-Trimethylbenzene
Concen: 54.572 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

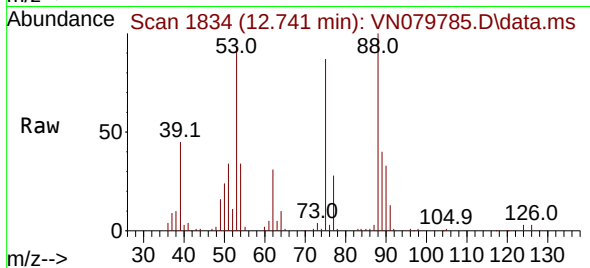
Tgt Ion:105 Resp: 746375
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 45.983 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

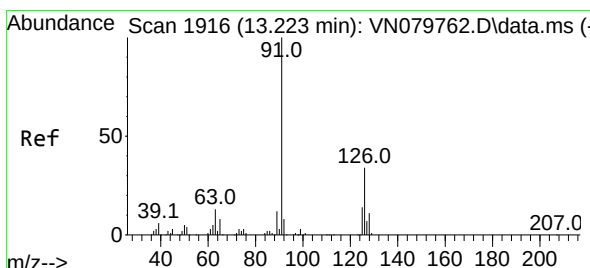
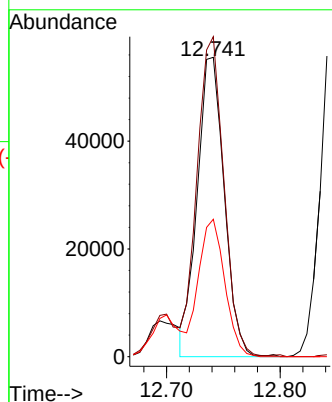
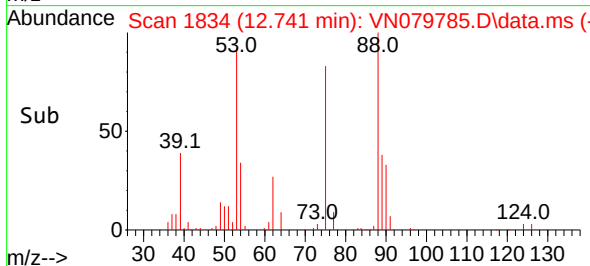
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



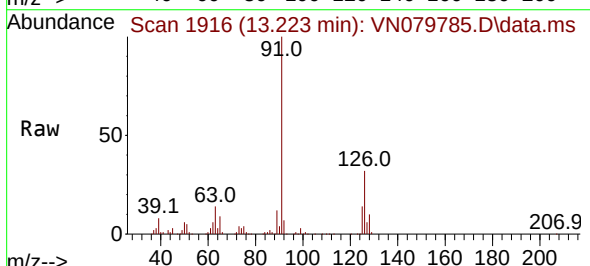
Tgt Ion: 75 Resp: 9190
Ion Ratio Lower Upper
75 100
53 105.3 67.4 101.2
89 44.0 38.8 58.2

Manual Integrations
APPROVED

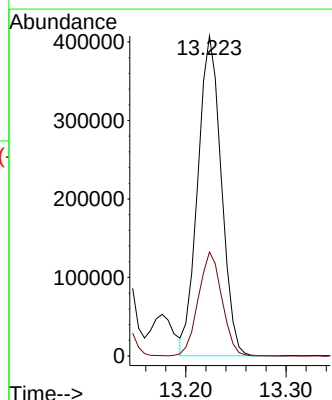
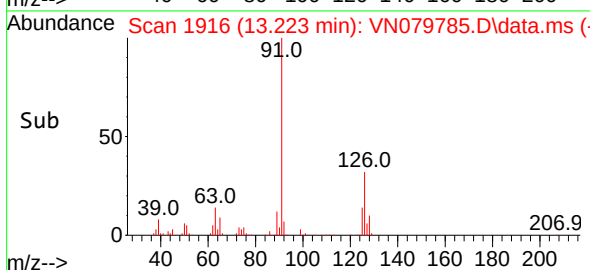
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

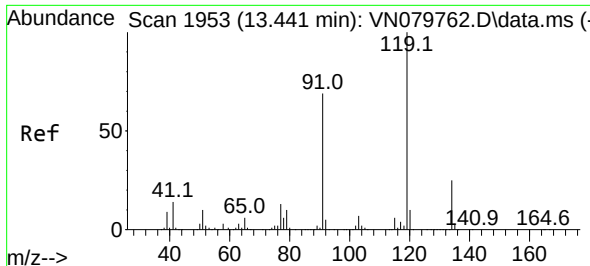


#82
4-Chlorotoluene
Concen: 51.924 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42



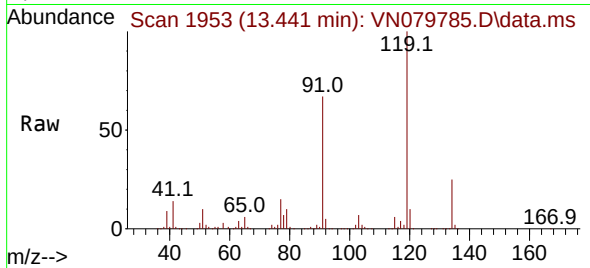
Tgt Ion: 91 Resp: 663541
Ion Ratio Lower Upper
91 100
126 32.6 16.7 50.0





#83
tert-Butylbenzene
Concen: 54.222 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

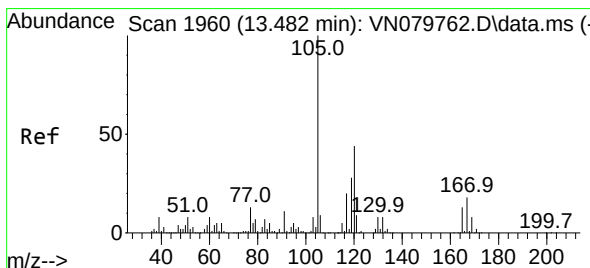
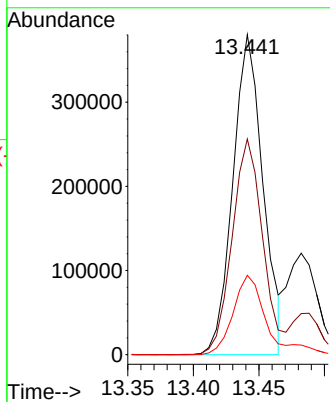
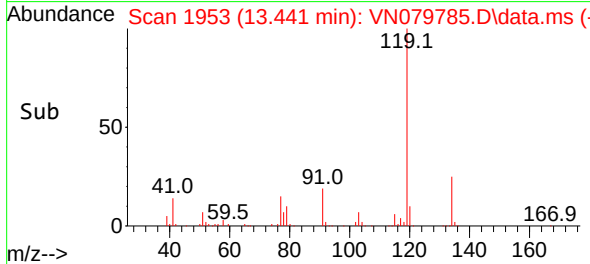
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



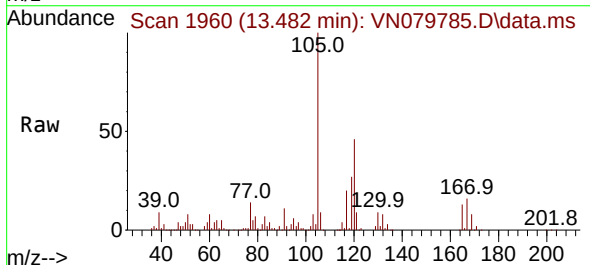
Tgt Ion:119 Resp: 607038
Ion Ratio Lower Upper
119 100
91 69.0 33.9 101.7
134 27.4 13.2 39.6

Manual Integrations
APPROVED

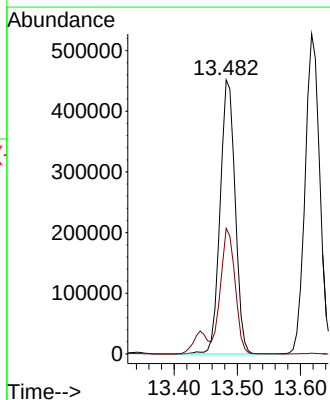
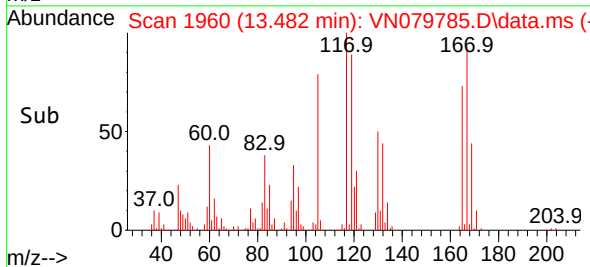
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

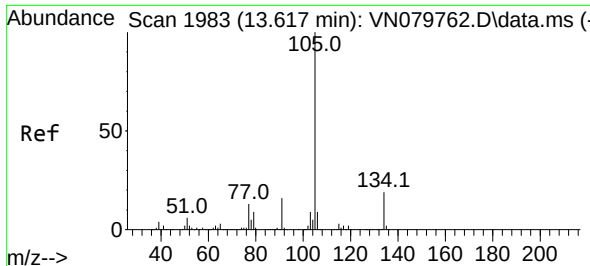


#84
1,2,4-Trimethylbenzene
Concen: 55.490 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42



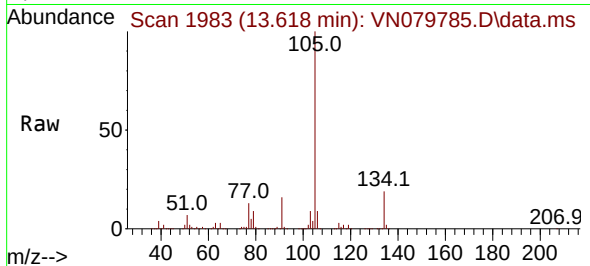
Tgt Ion:105 Resp: 746683
Ion Ratio Lower Upper
105 100
120 43.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 54.635 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079785.D
 Acq: 01 Nov 2023 20:42

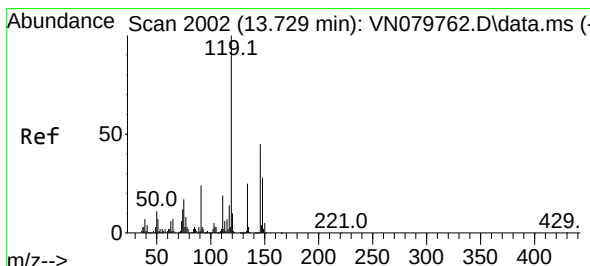
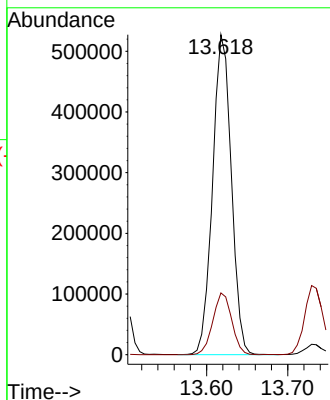
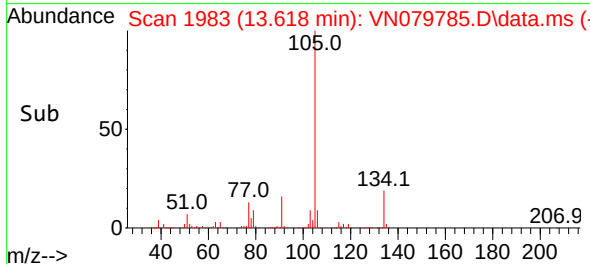
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



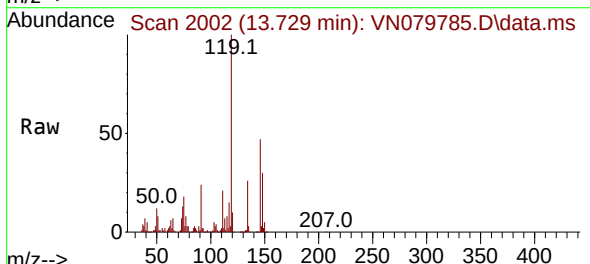
Tgt Ion:105 Resp: 847429
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

Manual Integrations
 APPROVED

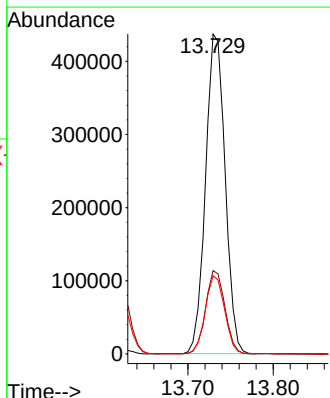
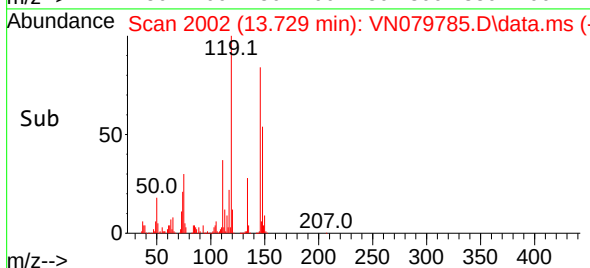
Reviewed By :John Carlone 11/02/2023
 Supervised By :Mahesh Dadoda 11/02/2023

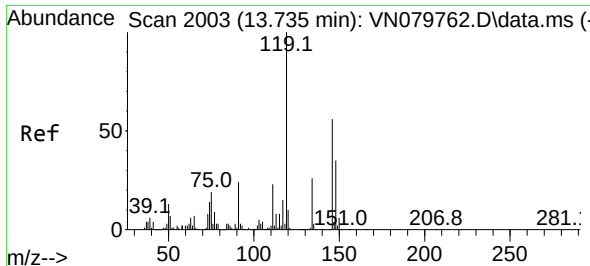


#86
 p-Isopropyltoluene
 Concen: 55.119 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN079785.D
 Acq: 01 Nov 2023 20:42



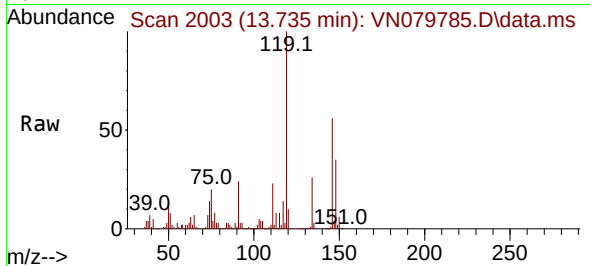
Tgt Ion:119 Resp: 697029
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 24.1 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 49.775 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

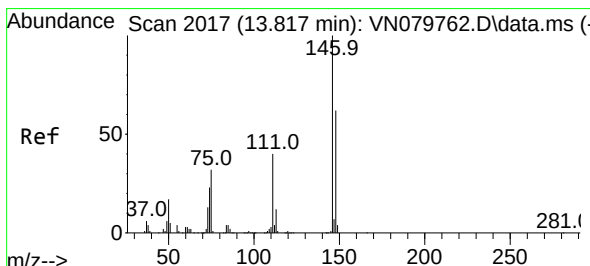
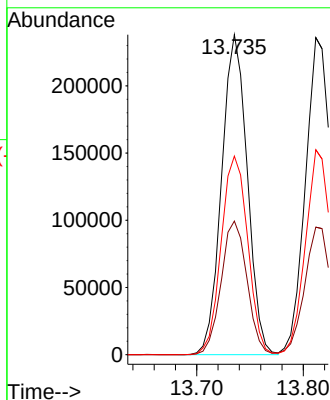
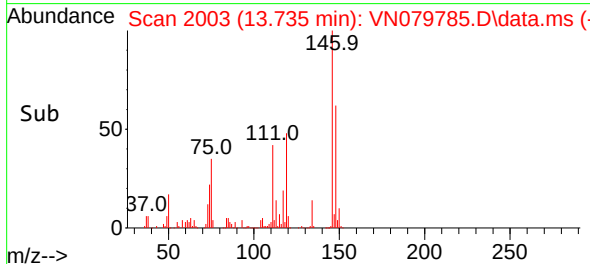
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



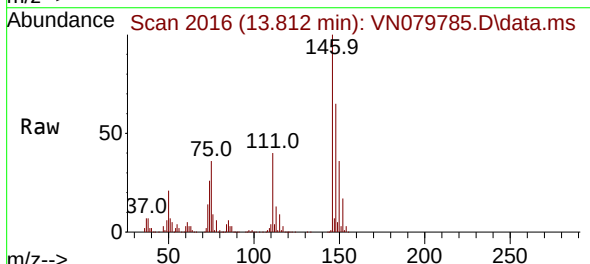
Tgt Ion:146 Resp: 398517
Ion Ratio Lower Upper
146 100
111 42.1 22.1 66.3
148 64.2 32.0 96.0

Manual Integrations
APPROVED

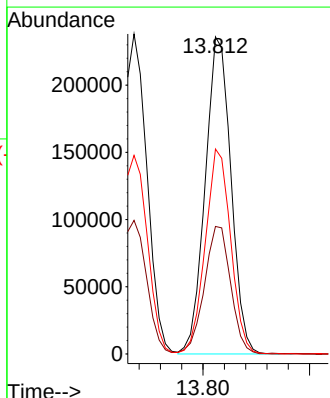
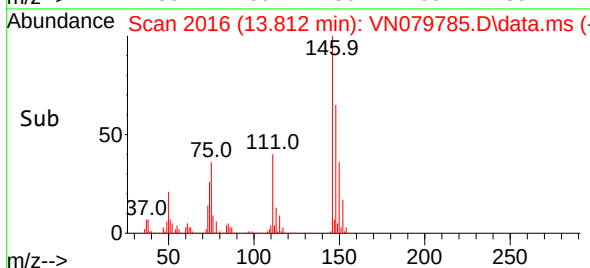
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

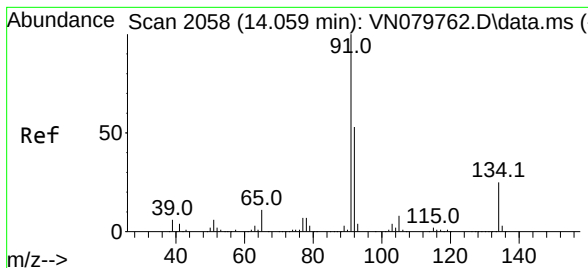


#88
1,4-Dichlorobenzene
Concen: 48.773 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42



Tgt Ion:146 Resp: 396361
Ion Ratio Lower Upper
146 100
111 40.8 20.6 61.8
148 63.8 31.6 94.8





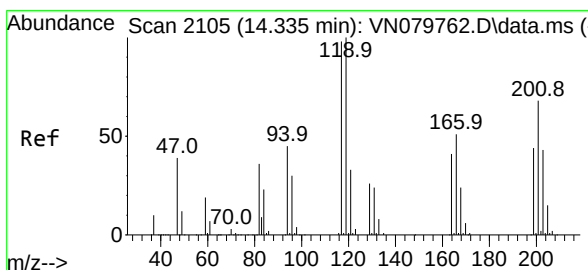
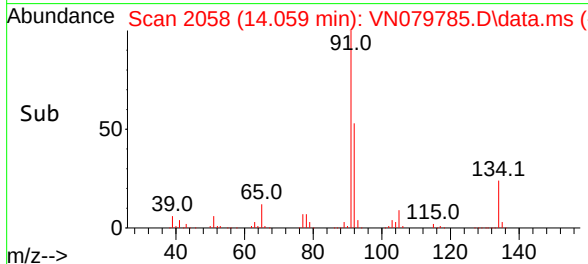
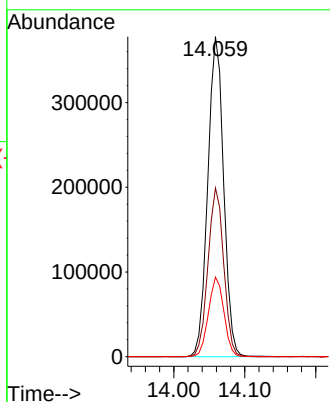
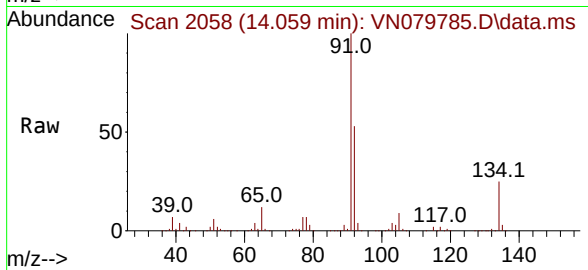
#89
n-Butylbenzene
Concen: 53.851 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 586540
Ion Ratio Lower Upper
91 100
92 52.3 26.4 79.0
134 24.3 12.6 37.6

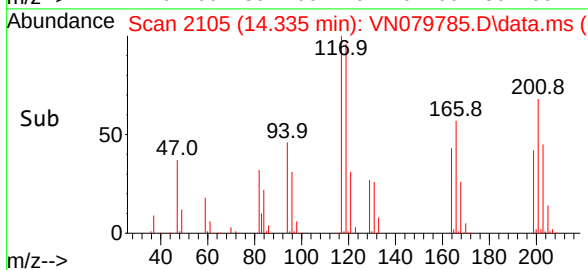
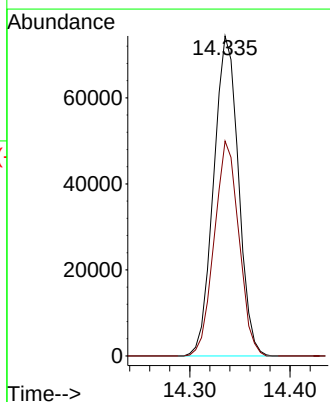
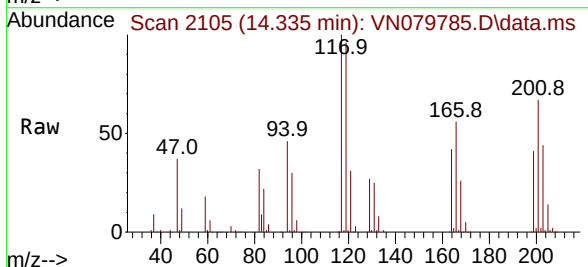
Manual Integrations
APPROVED

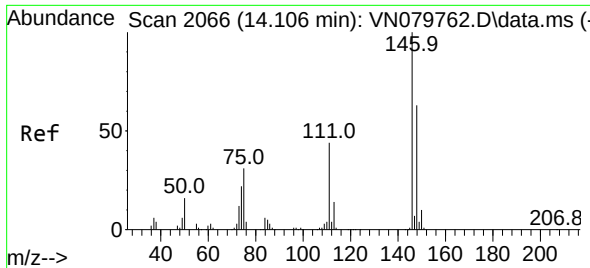
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#90
Hexachloroethane
Concen: 50.948 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

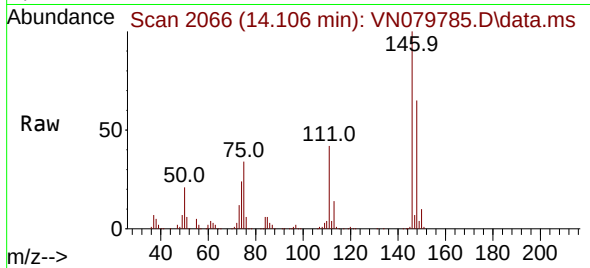
Tgt Ion:117 Resp: 127596
Ion Ratio Lower Upper
117 100
201 66.8 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 51.345 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

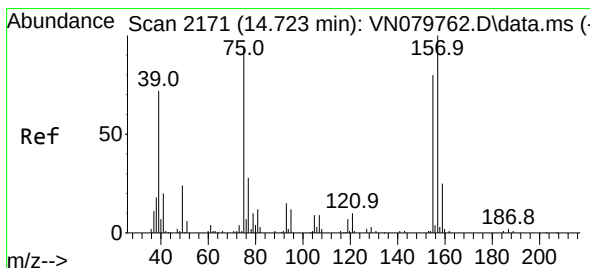
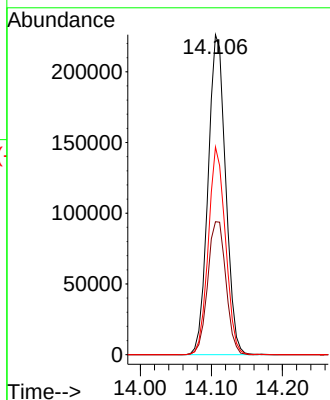
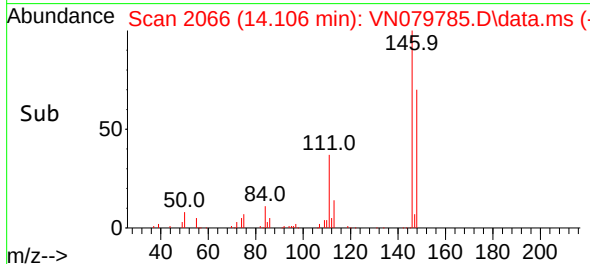
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



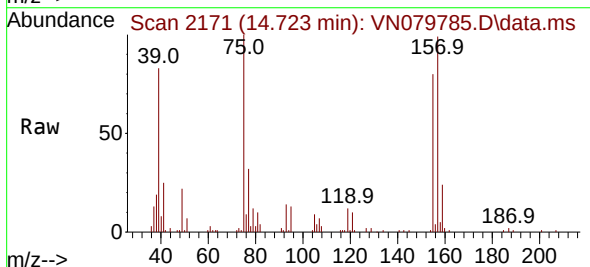
Tgt Ion:146 Resp: 38806
Ion Ratio Lower Upper
146 100
111 43.2 22.0 66.0
148 63.2 31.8 95.3

Manual Integrations
APPROVED

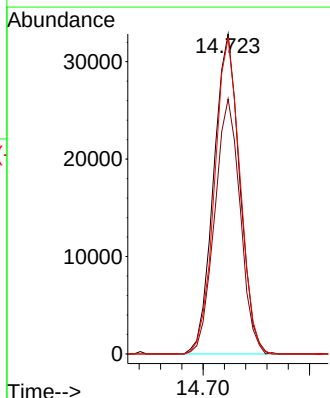
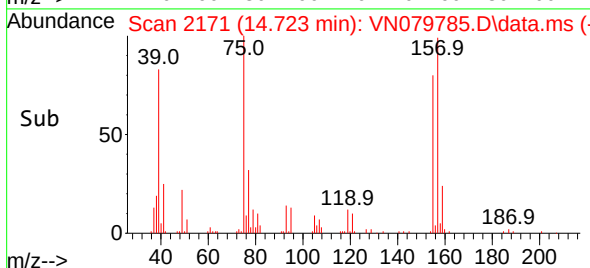
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

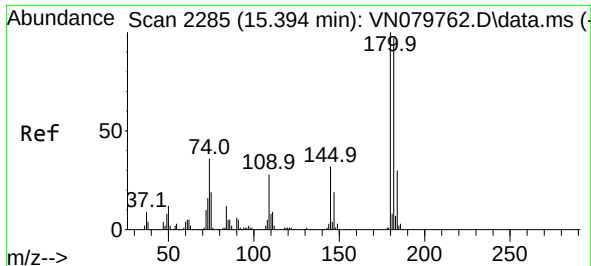


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.536 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42



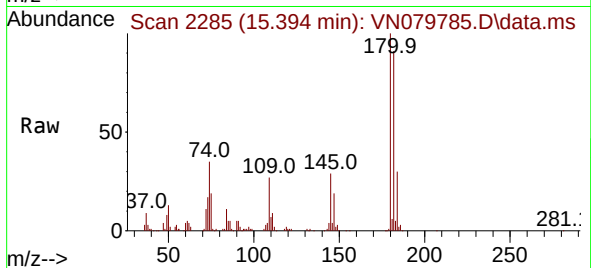
Tgt Ion: 75 Resp: 55529
Ion Ratio Lower Upper
75 100
155 78.4 39.1 117.2
157 96.8 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 50.466 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

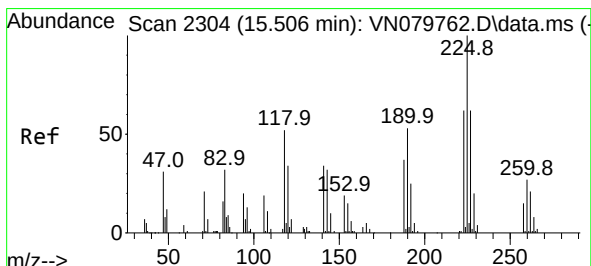
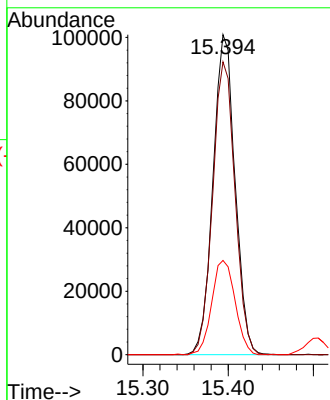
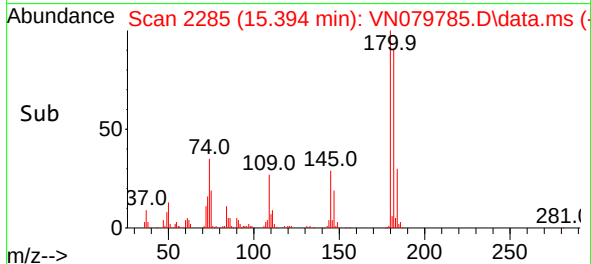
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



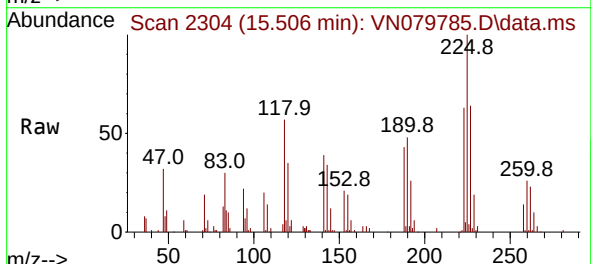
Tgt Ion:180 Resp: 18136
Ion Ratio Lower Upper
180 100
182 92.8 46.1 138.2
145 31.2 16.6 49.8

Manual Integrations
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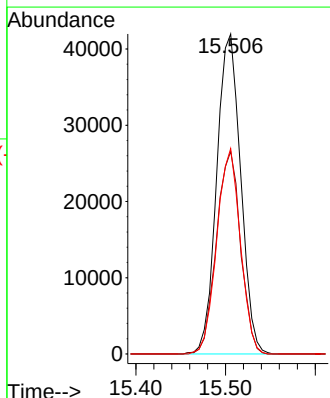
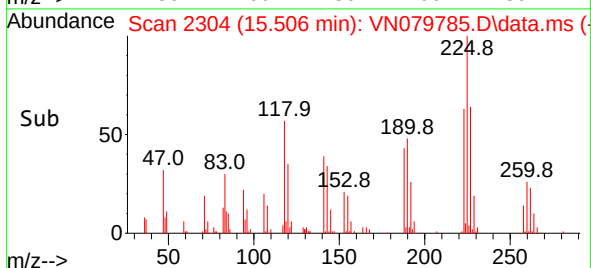
Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023

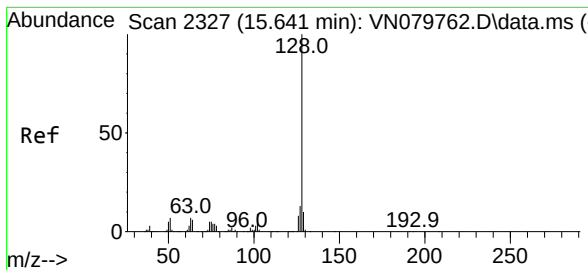


#94
Hexachlorobutadiene
Concen: 47.729 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42



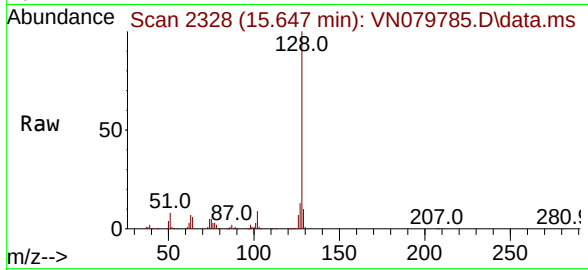
Tgt Ion:225 Resp: 77757
Ion Ratio Lower Upper
225 100
223 63.8 31.3 93.8
227 63.0 31.9 95.9





#95
Naphthalene
Concen: 47.584 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

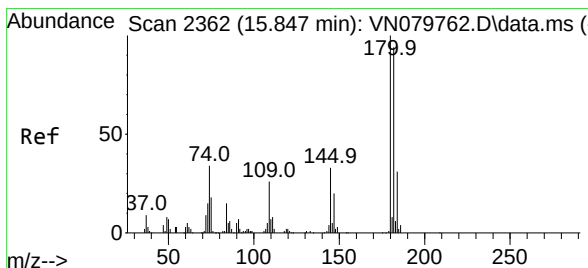
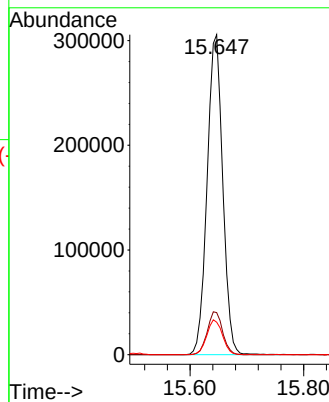
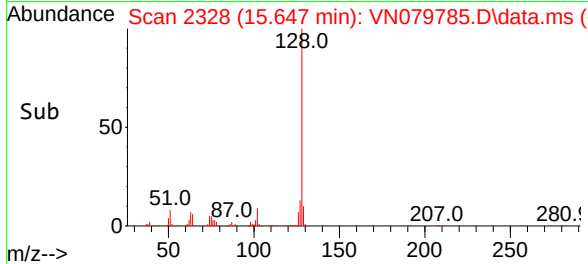
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 579917
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/02/2023
Supervised By :Mahesh Dadoda 11/02/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.594 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN079785.D
Acq: 01 Nov 2023 20:42

Tgt Ion:180 Resp: 174706
Ion Ratio Lower Upper
180 100
182 94.5 46.2 138.6
145 34.3 17.5 52.6

