

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111422\
 Data File : VN075257.D
 Acq On : 14 Nov 2022 11:12
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2022
 Supervised By : Mahesh Dadoda 11/15/2022

Quant Time: Nov 15 03:50:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	101799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	180520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	169550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	92762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	61384	44.753	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.500%		
35) Dibromofluoromethane	8.171	113	53697	50.670	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.340%		
50) Toluene-d8	10.565	98	191661	46.616	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.240%		
62) 4-Bromofluorobenzene	12.847	95	73918	51.179	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.360%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	61580	46.501	ug/l	98
3) Chloromethane	2.371	50	65971	46.900	ug/l	97
4) Vinyl Chloride	2.524	62	88435	44.070	ug/l	95
5) Bromomethane	2.918	94	85116	60.251	ug/l	99
6) Chloroethane	3.106	64	62136	43.182	ug/l	98
7) Trichlorofluoromethane	3.500	101	108300	52.832	ug/l	95
8) Diethyl Ether	3.971	74	41481	55.479	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	63738	56.302	ug/l	98
10) Methyl Iodide	4.594	142	92239	54.730	ug/l	98
11) Tert butyl alcohol	5.536	59	66418	207.642	ug/l	100
12) 1,1-Dichloroethene	4.342	96	59931	55.538	ug/l	91
13) Acrolein	4.183	56	57739	220.687	ug/l	98
14) Allyl chloride	5.030	41	87145	55.294	ug/l	96
15) Acrylonitrile	5.724	53	176850	261.730	ug/l	99
16) Acetone	4.436	43	168561	290.233	ug/l	95
17) Carbon Disulfide	4.724	76	155638	57.354	ug/l	98
18) Methyl Acetate	5.030	43	99126	52.252	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	216978	54.100	ug/l	99
20) Methylene Chloride	5.283	84	68893	53.202	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	65816	55.705	ug/l	97
22) Diisopropyl ether	6.677	45	190099	54.657	ug/l	98
23) Vinyl Acetate	6.612	43	768335m	264.548	ug/l	
24) 1,1-Dichloroethane	6.577	63	118852	54.031	ug/l	97
25) 2-Butanone	7.488	43	236452	258.840	ug/l	97
26) 2,2-Dichloropropane	7.494	77	107888	53.315	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	78216	55.434	ug/l	98
28) Bromochloromethane	7.818	49	45496	49.064	ug/l	96
29) Tetrahydrofuran	7.841	42	152280	257.971	ug/l	98
30) Chloroform	7.971	83	128733	53.902	ug/l	97
31) Cyclohexane	8.259	56	106373	52.144	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	119887	55.278	ug/l	96
36) 1,1-Dichloropropene	8.377	75	96403	58.758	ug/l	99
37) Ethyl Acetate	7.559	43	95925	53.313	ug/l	98
38) Carbon Tetrachloride	8.365	117	105809	58.628	ug/l	98
39) Methylcyclohexane	9.600	83	127022	58.645	ug/l	98
40) Benzene	8.606	78	288098	57.350	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	48376	56.118	ug/l	98
42) 1,2-Dichloroethane	8.671	62	99383	54.378	ug/l	98
43) Isopropyl Acetate	8.688	43	149864	53.697	ug/l	99
44) Trichloroethene	9.353	130	74426	59.053	ug/l	98
45) 1,2-Dichloropropane	9.618	63	69844	58.423	ug/l	96
46) Dibromomethane	9.706	93	53018	56.923	ug/l	98
47) Bromodichloromethane	9.888	83	105303	58.383	ug/l	99
48) Methyl methacrylate	9.682	41	69516	54.299	ug/l	95
49) 1,4-Dioxane	9.694	88	35365	1054.895	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	479880	266.452	ug/l	99
52) Toluene	10.629	92	192141	57.218	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	114048	59.906	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	120370	59.612	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	75055	56.369	ug/l	98
56) Ethyl methacrylate	10.871	69	111312	54.806	ug/l	98
57) 1,3-Dichloropropane	11.165	76	125743	56.708	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	213374	271.748	ug/l	99
59) 2-Hexanone	11.194	43	361910	264.767	ug/l	100
60) Dibromochloromethane	11.359	129	85898	61.147	ug/l	99
61) 1,2-Dibromoethane	11.471	107	79384	58.177	ug/l	99
64) Tetrachloroethene	11.106	164	67800	65.225	ug/l	87
65) Chlorobenzene	11.888	112	202791	56.034	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	77742	57.907	ug/l	99
67) Ethyl Benzene	11.965	91	370685	56.930	ug/l	99
68) m/p-Xylenes	12.070	106	302494	115.781	ug/l	100
69) o-Xylene	12.400	106	145668	56.379	ug/l	98
70) Styrene	12.412	104	240640	58.411	ug/l	98
71) Bromoform	12.576	173	65118	64.784	ug/l #	97
73) Isopropylbenzene	12.694	105	381624	51.245	ug/l	98
74) N-amyl acetate	12.494	43	130661	47.439	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	116445	54.435	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	96797m	49.146	ug/l	
77) Bromobenzene	12.982	156	88918	54.226	ug/l	93
78) n-propylbenzene	13.035	91	445220	53.249	ug/l	100
79) 2-Chlorotoluene	13.123	91	263899	51.651	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	334755	53.519	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	39996	52.127	ug/l	93
82) 4-Chlorotoluene	13.123	91	263899	51.651	ug/l	100
83) tert-Butylbenzene	13.435	119	295899	53.239	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	343598	54.293	ug/l	100
85) sec-Butylbenzene	13.617	105	422320	54.317	ug/l	100
86) p-Isopropyltoluene	13.729	119	367893	57.293	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	182109	56.722	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	180946	56.947	ug/l	98
89) n-Butylbenzene	14.053	91	304932	58.971	ug/l	99
90) Hexachloroethane	14.335	117	62373	52.979	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	179627	56.278	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25983	51.725	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	89352	65.055	ug/l	99
94) Hexachlorobutadiene	15.500	225	41741	62.340	ug/l	100
95) Naphthalene	15.641	128	303784	57.515	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	85830	62.893	ug/l	99

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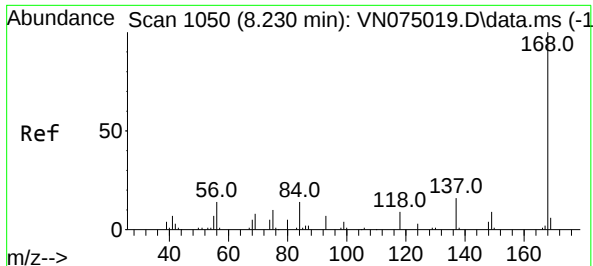
Manual Integrations
APPROVED

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Response via : Initial Calibration

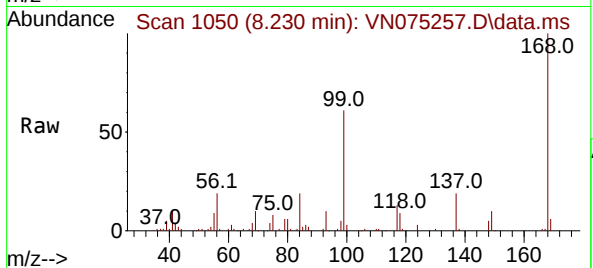
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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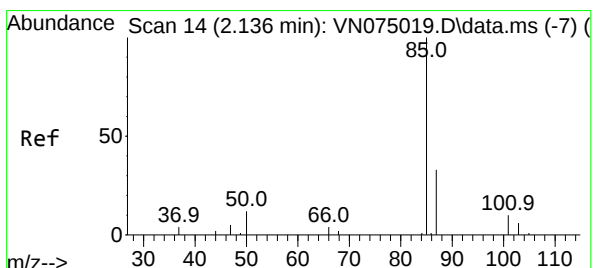
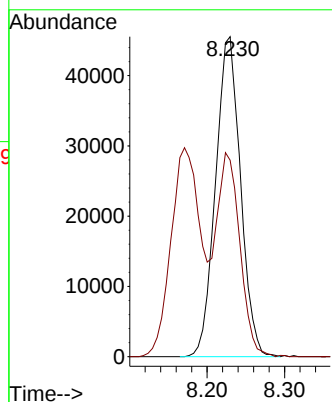
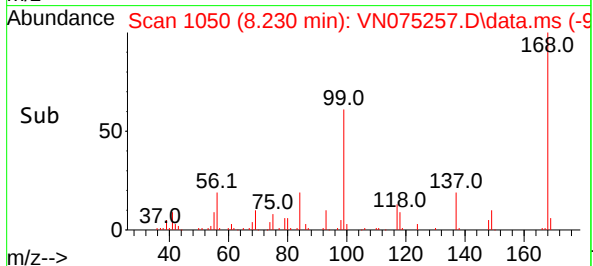
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 101799
Ion Ratio Lower Upper
168 100
99 61.0 51.6 77.4

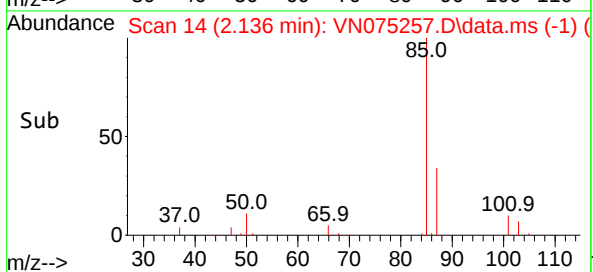
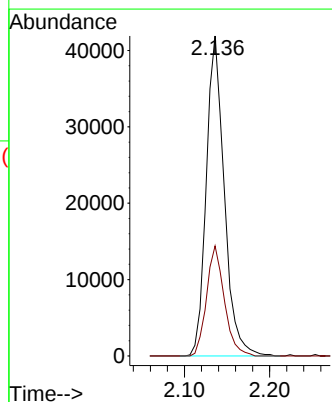
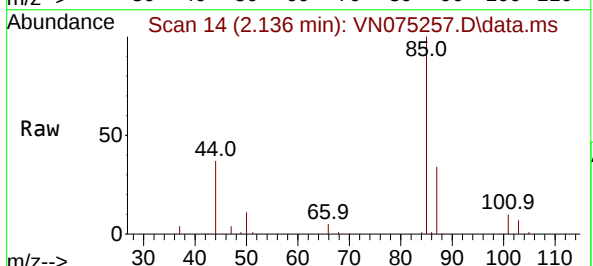
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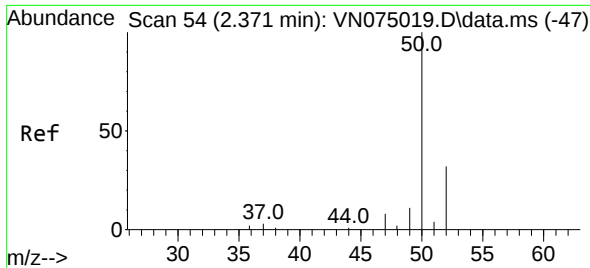
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#2
Dichlorodifluoromethane
Concen: 46.501 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

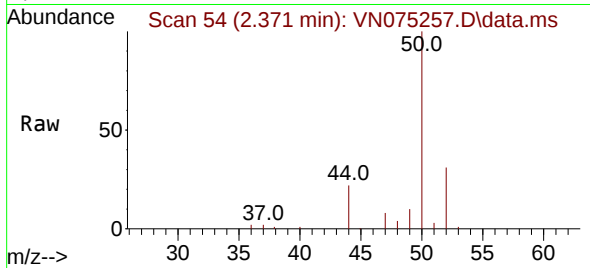
Tgt Ion: 85 Resp: 61580
Ion Ratio Lower Upper
85 100
87 34.4 16.7 50.0





#3
Chloromethane
Concen: 46.900 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

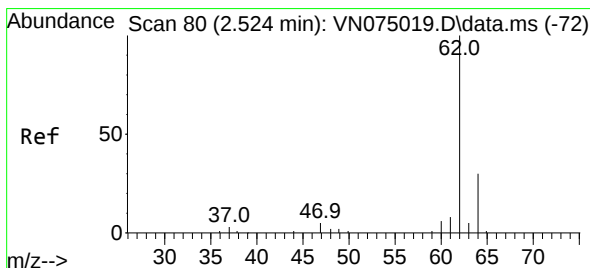
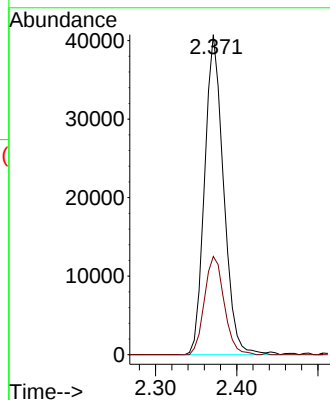
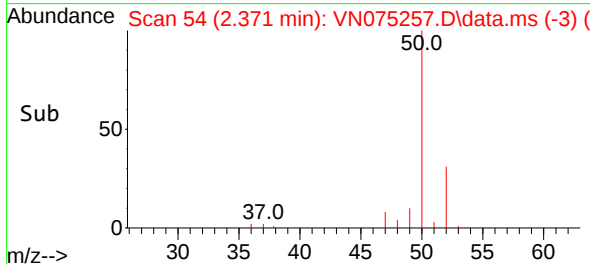
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 6597
Ion Ratio Lower Upper
50 100
52 30.7 25.8 38.6

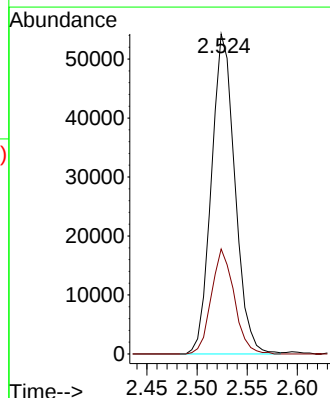
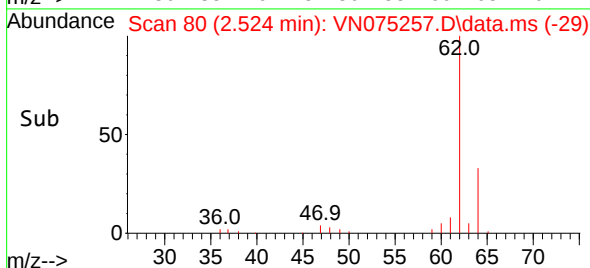
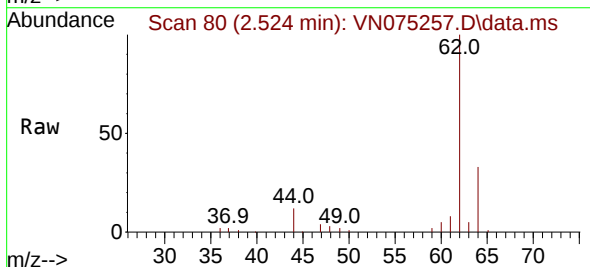
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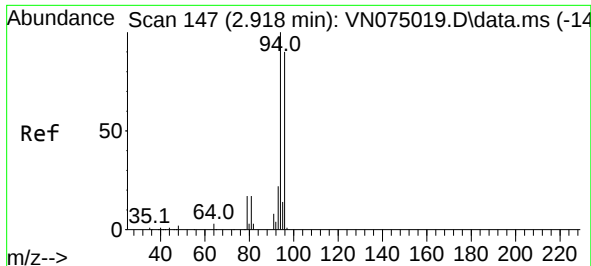
Reviewed By :John Carlone 11/15/2022
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#4
Vinyl Chloride
Concen: 44.070 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

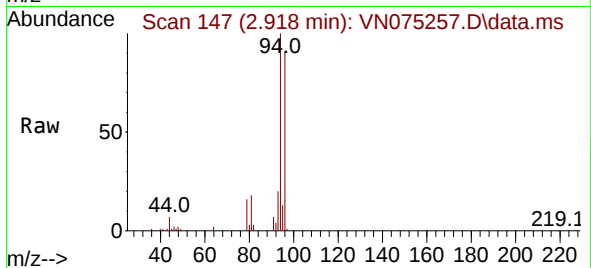
Tgt Ion: 62 Resp: 88435
Ion Ratio Lower Upper
62 100
64 32.8 24.0 36.0





#5
Bromomethane
Concen: 60.251 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

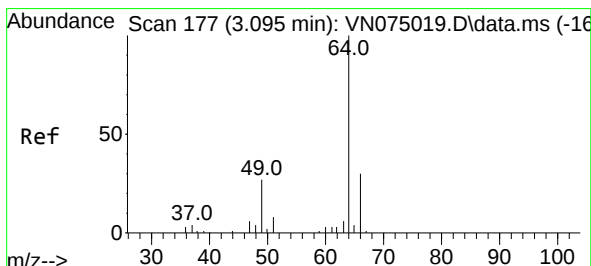
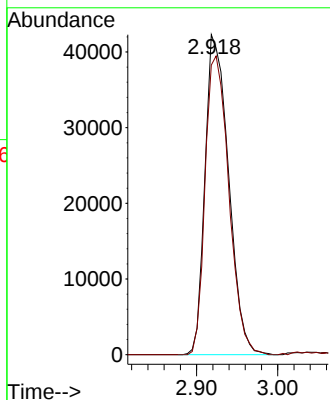
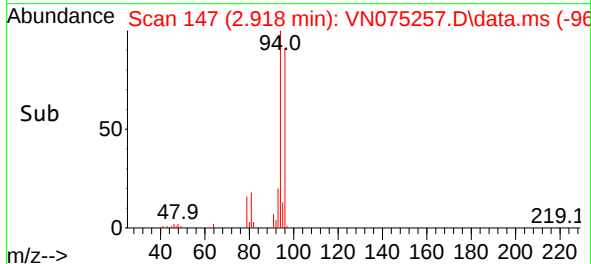
Instrument :
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Tgt Ion: 94 Resp: 85110
Ion Ratio Lower Upper
94 100
96 90.5 71.8 107.6

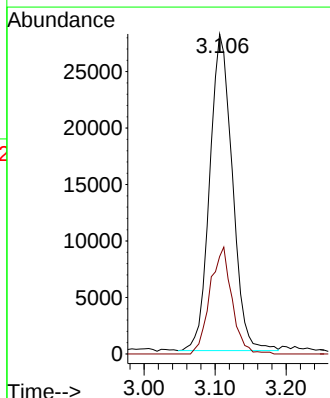
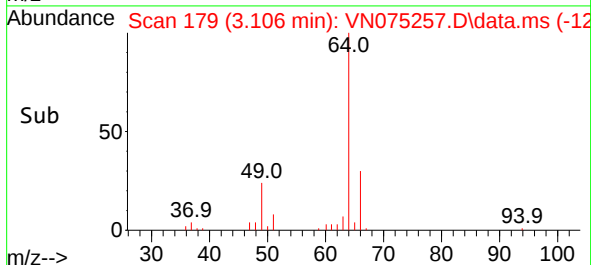
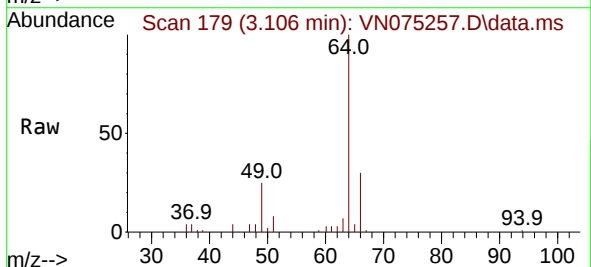
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#6
Chloroethane
Concen: 43.182 ug/l
RT: 3.106 min Scan# 179
Delta R.T. 0.011 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

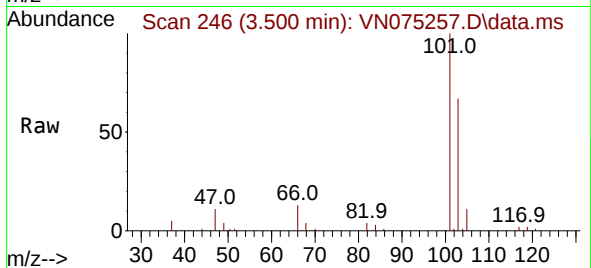
Tgt Ion: 64 Resp: 62136
Ion Ratio Lower Upper
64 100
66 30.8 23.8 35.8





#7
Trichlorofluoromethane
Concen: 52.832 ug/l
RT: 3.500 min Scan# 244
Delta R.T. 0.011 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

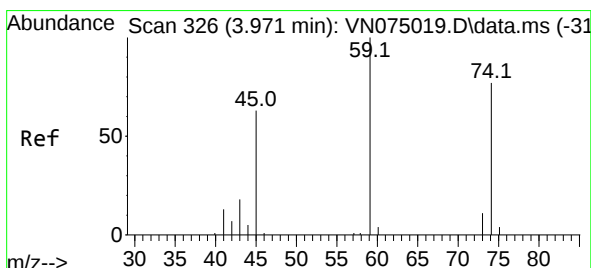
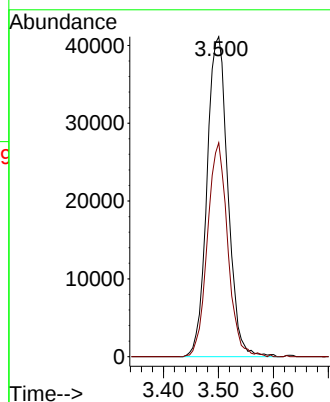
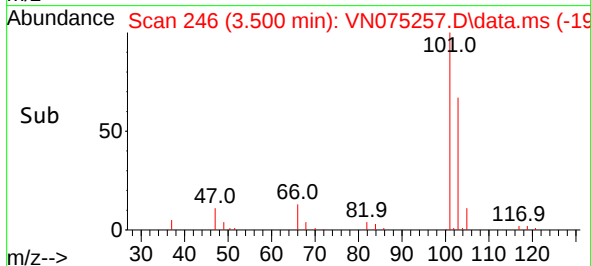
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 108300
Ion Ratio Lower Upper
101 100
103 66.8 50.5 75.7

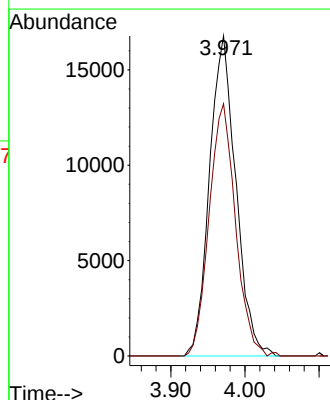
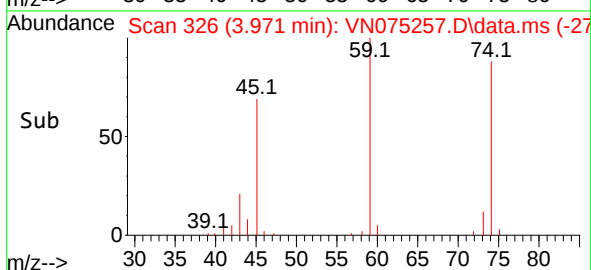
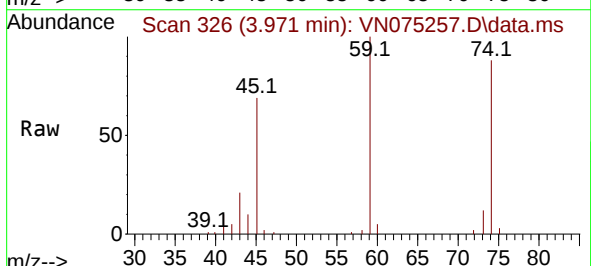
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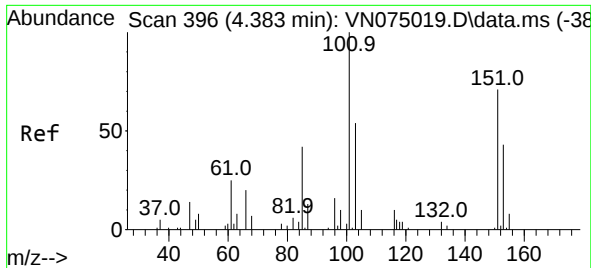
Reviewed By :John Carlone 11/15/2022
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#8
Diethyl Ether
Concen: 55.479 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

Tgt Ion: 74 Resp: 41481
Ion Ratio Lower Upper
74 100
45 78.9 39.3 117.9





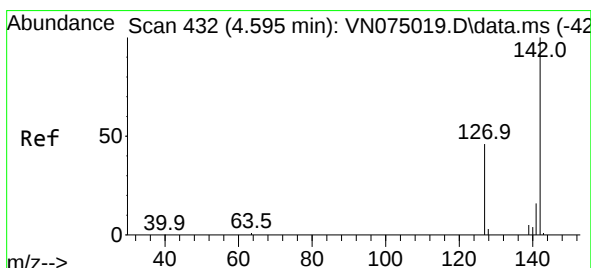
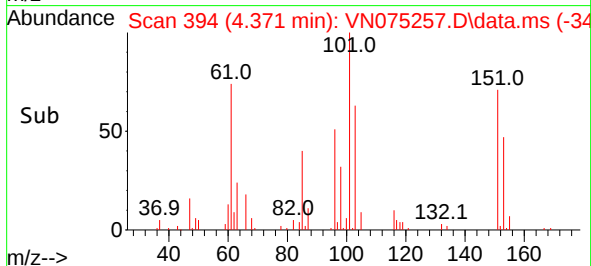
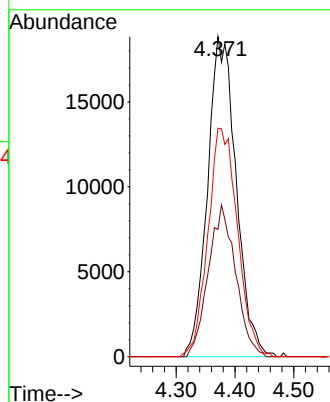
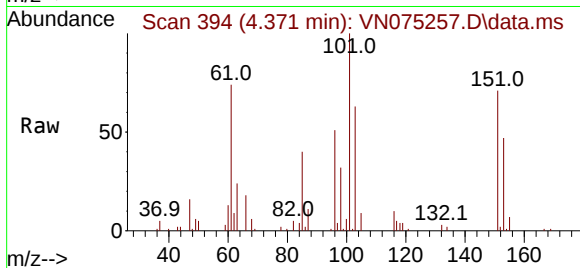
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.302 ug/l
RT: 4.371 min Scan# 396
Delta R.T. -0.012 min
Lab File: VN075257.D
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Tgt Ion:101 Resp: 63738
Ion Ratio Lower Upper
101 100
85 45.3 37.6 56.4
151 73.6 58.3 87.5

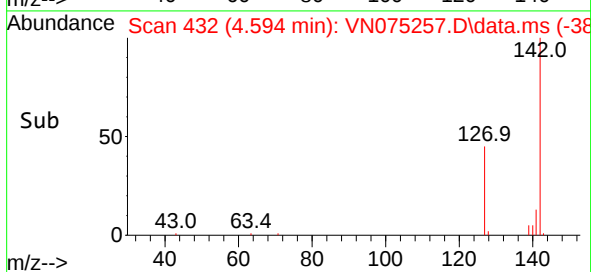
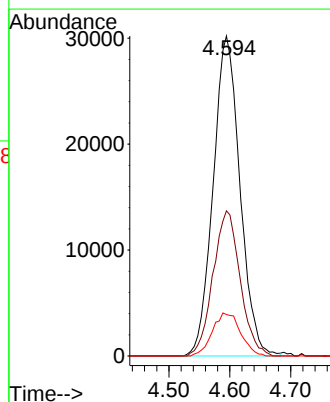
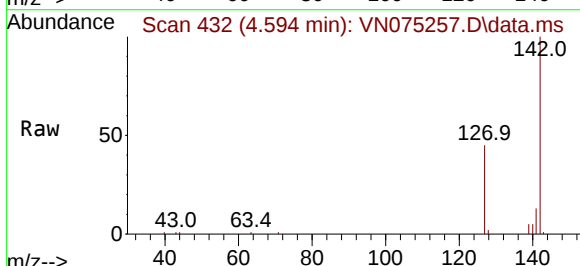
Manual Integrations
APPROVED

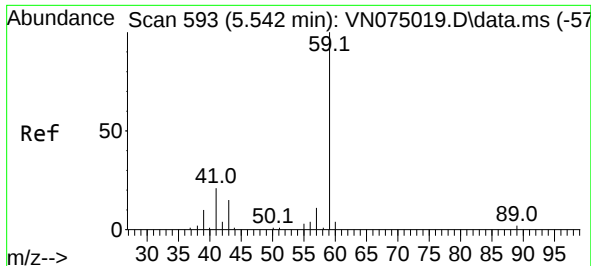
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#10
Methyl Iodide
Concen: 54.730 ug/l
RT: 4.594 min Scan# 432
Delta R.T. -0.001 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

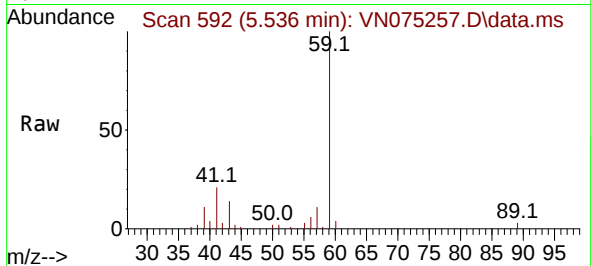
Tgt Ion:142 Resp: 92239
Ion Ratio Lower Upper
142 100
127 46.0 38.0 57.0
141 14.1 12.2 18.4





#11
Tert butyl alcohol
Concen: 207.642 ug/l
RT: 5.536 min Scan# 593
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

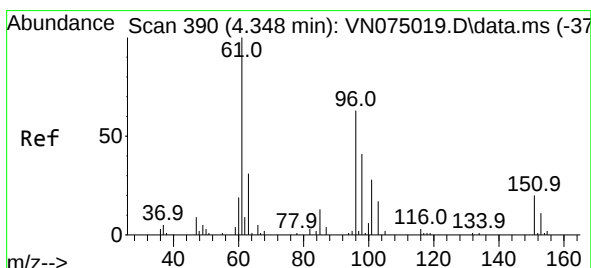
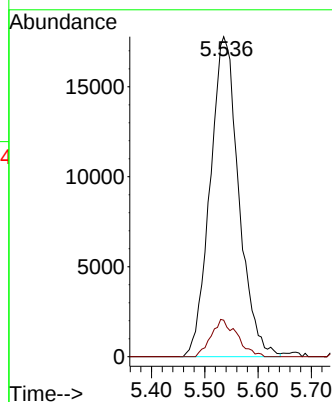
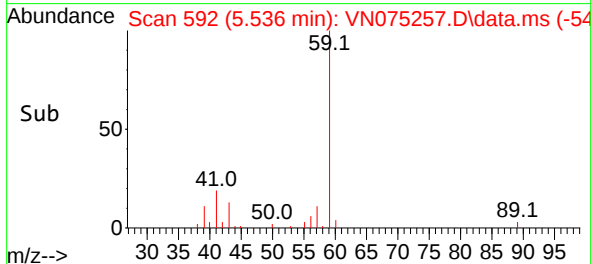
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



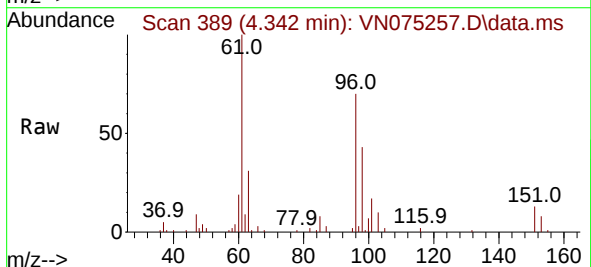
Tgt Ion: 59 Resp: 66418
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

Manual Integrations
APPROVED

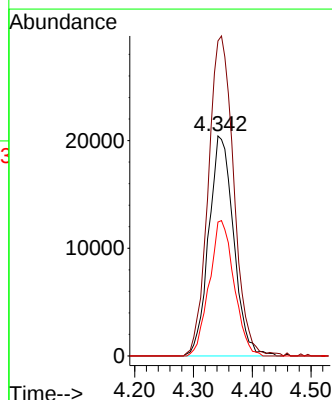
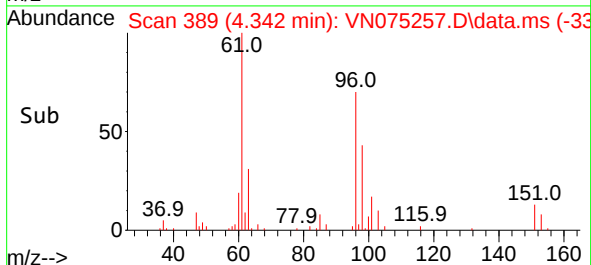
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#12
1,1-Dichloroethene
Concen: 55.538 ug/l
RT: 4.342 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12



Tgt Ion: 96 Resp: 59931
Ion Ratio Lower Upper
96 100
61 143.1 126.2 189.4
98 60.9 51.5 77.3





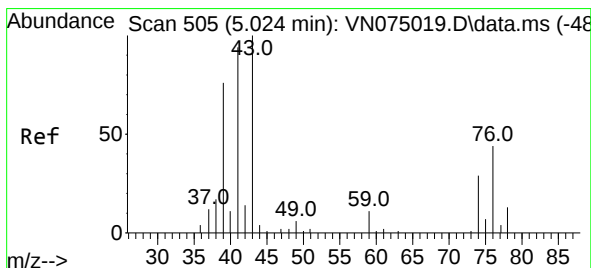
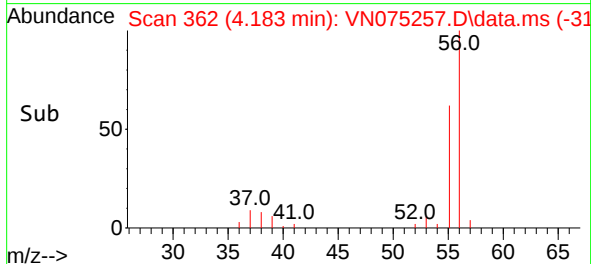
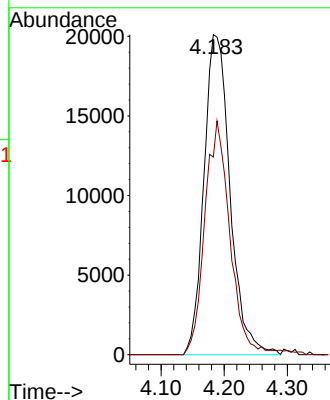
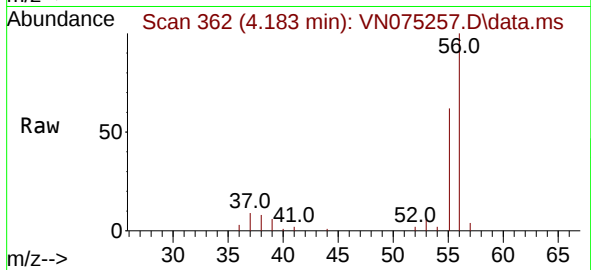
#13
Acrolein
Concen: 220.687 ug/l
RT: 4.183 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 57739
Ion Ratio Lower Upper
56 100
55 71.0 55.2 82.8

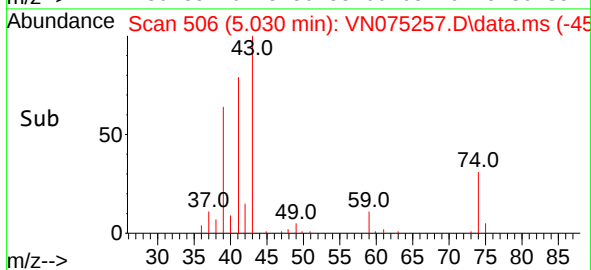
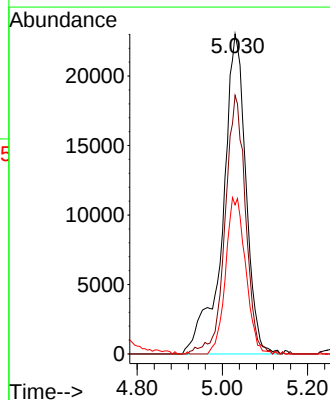
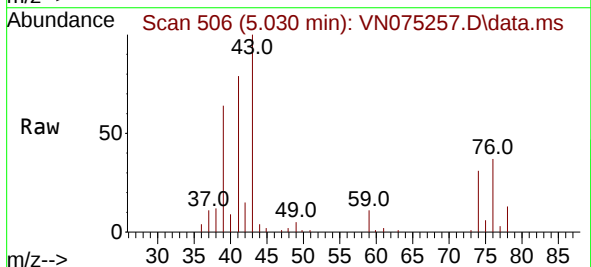
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#14
Allyl chloride
Concen: 55.294 ug/l
RT: 5.030 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

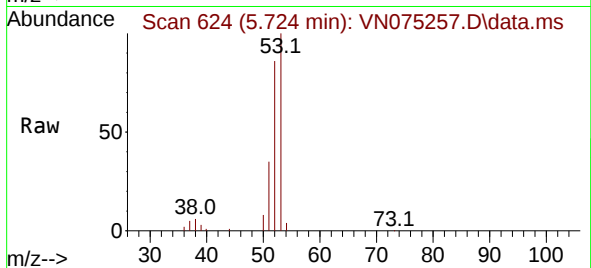
Tgt Ion: 41 Resp: 87145
Ion Ratio Lower Upper
41 100
39 71.0 61.0 91.4
76 42.3 33.4 50.0





#15
Acrylonitrile
Concen: 261.730 ug/l
RT: 5.724 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

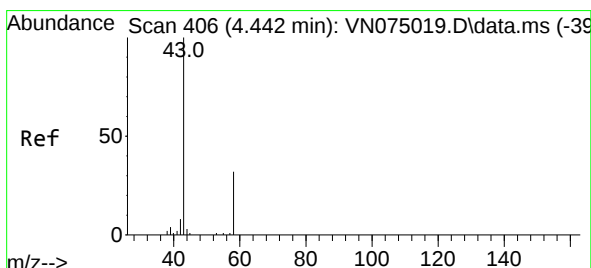
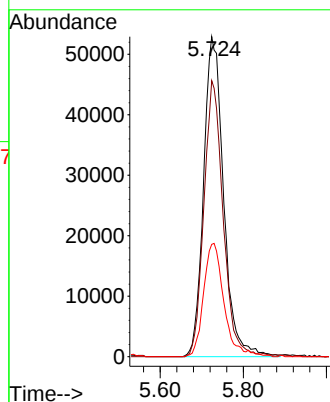
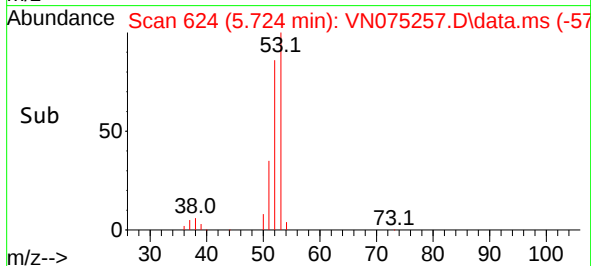
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 176850
Ion Ratio Lower Upper
53 100
52 82.3 66.4 99.6
51 36.1 29.6 44.4

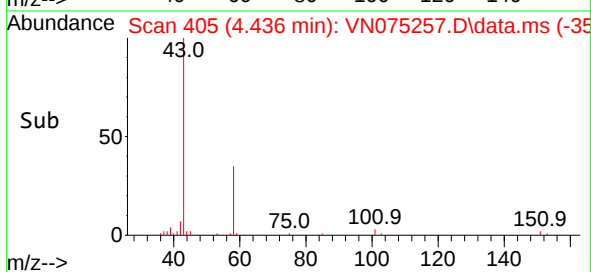
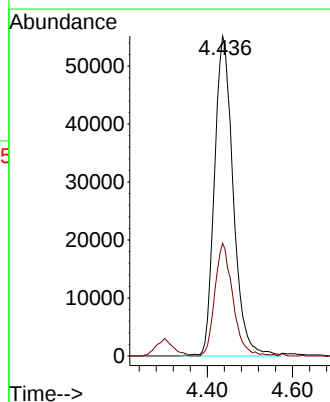
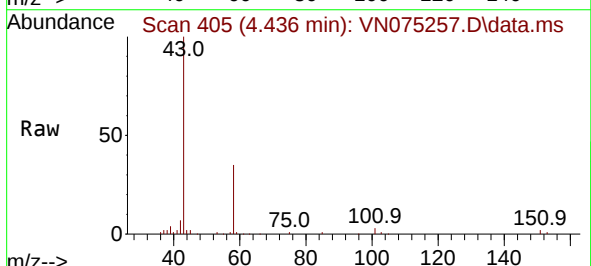
Manual Integrations
APPROVED

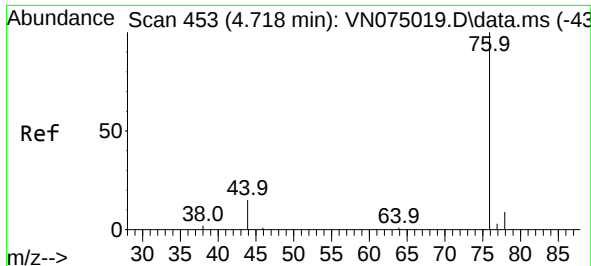
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#16
Acetone
Concen: 290.233 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

Tgt Ion: 43 Resp: 168561
Ion Ratio Lower Upper
43 100
58 34.7 25.5 38.3





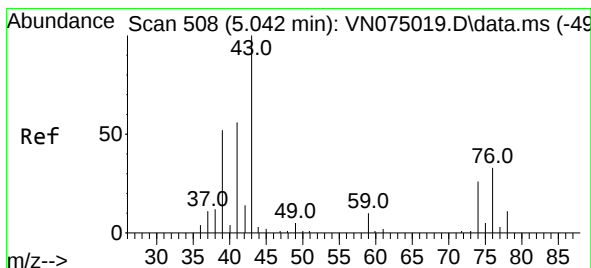
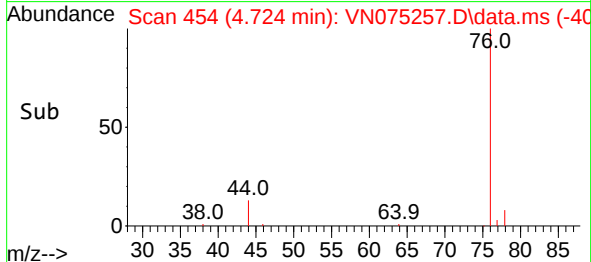
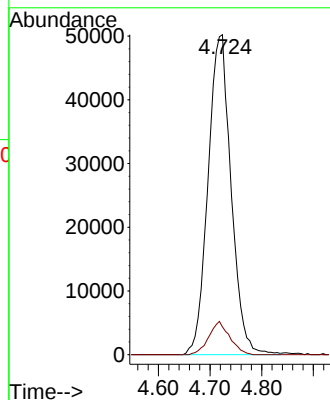
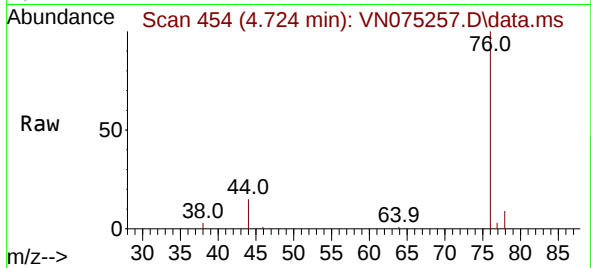
#17
Carbon Disulfide
Concen: 57.354 ug/l
RT: 4.724 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 155638
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2

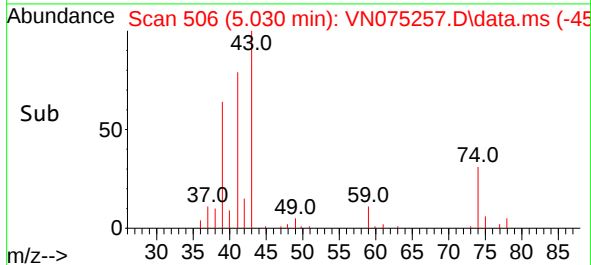
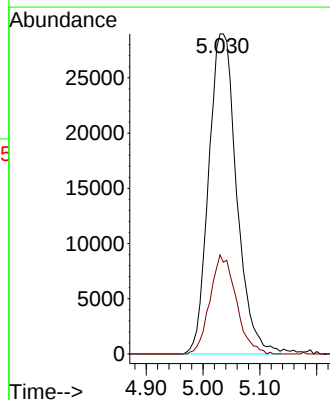
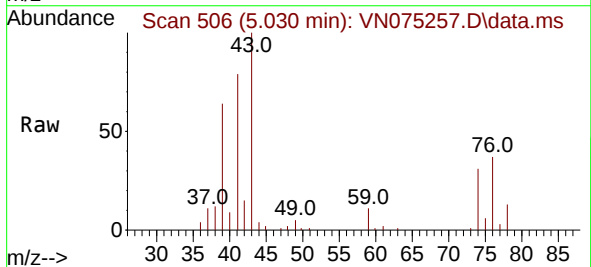
Manual Integrations
APPROVED

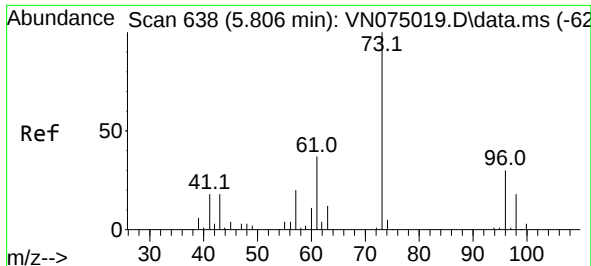
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#18
Methyl Acetate
Concen: 52.252 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.012 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

Tgt Ion: 43 Resp: 99126
Ion Ratio Lower Upper
43 100
74 29.0 22.0 33.0





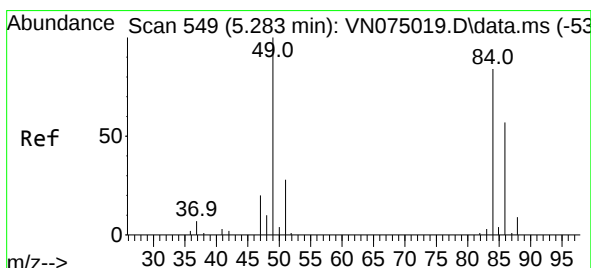
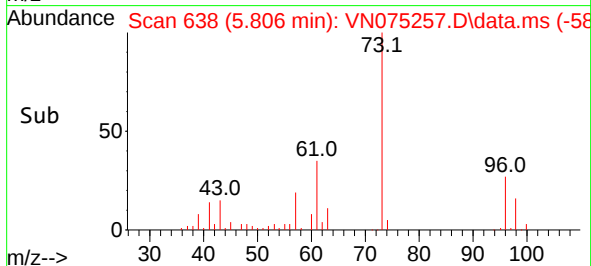
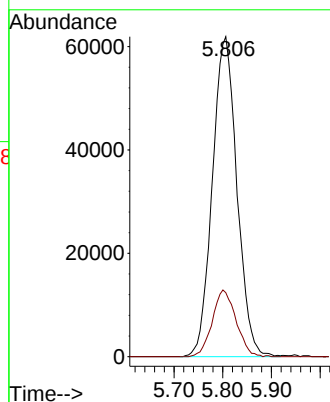
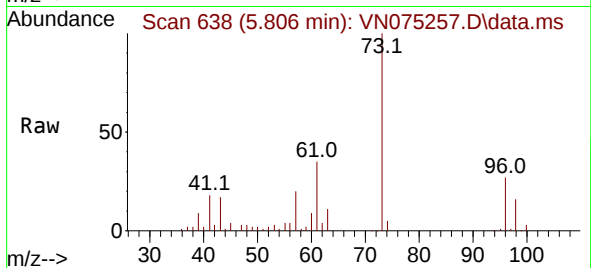
#19
Methyl tert-butyl Ether
Concen: 54.100 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 216978
Ion Ratio Lower Upper
73 100
57 20.0 16.3 24.5

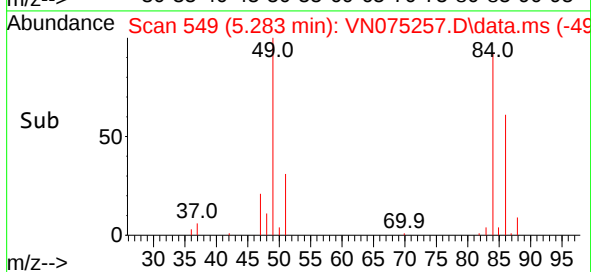
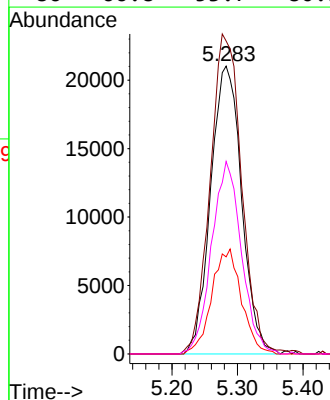
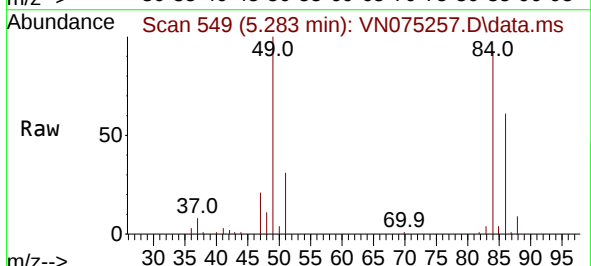
Manual Integrations
APPROVED

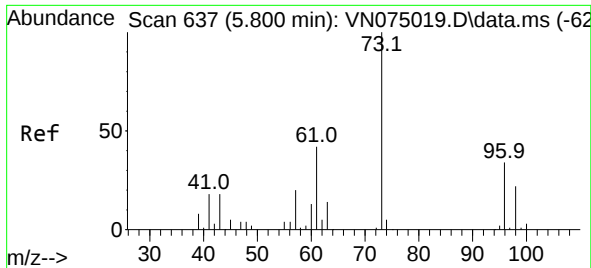
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#20
Methylene Chloride
Concen: 53.202 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

Tgt Ion: 84 Resp: 68893
Ion Ratio Lower Upper
84 100
49 108.7 94.9 142.3
51 33.8 26.8 40.2
86 66.8 53.7 80.5





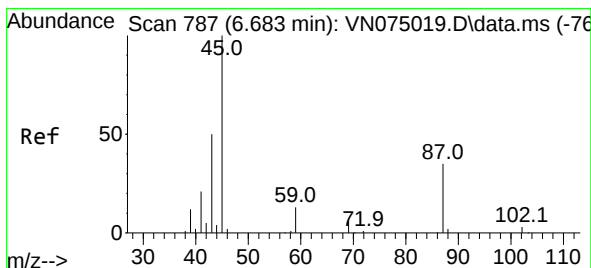
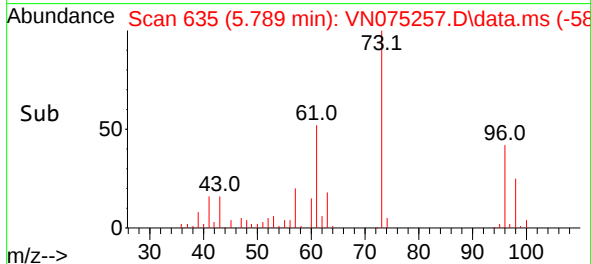
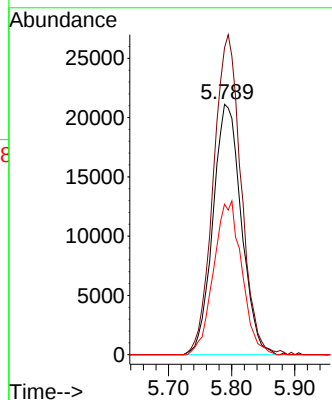
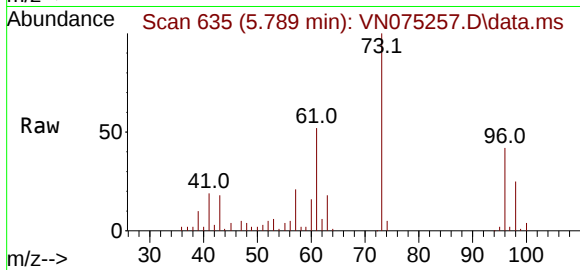
#21
trans-1,2-Dichloroethene
Concen: 55.705 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.011 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 65810
Ion Ratio Lower Upper
96 100
61 122.5 99.9 149.9
98 60.1 51.5 77.3

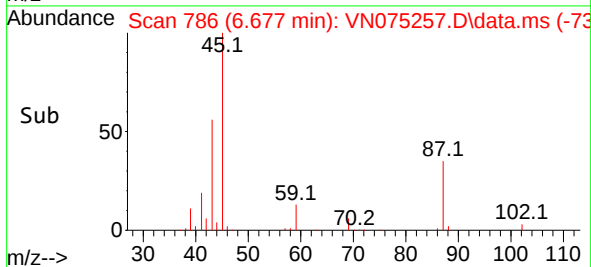
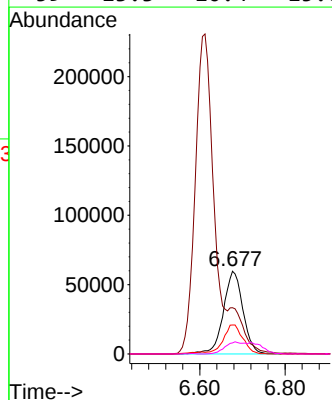
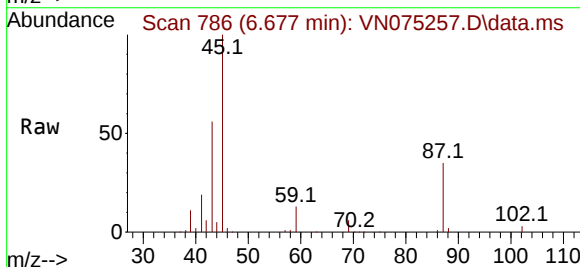
Manual Integrations
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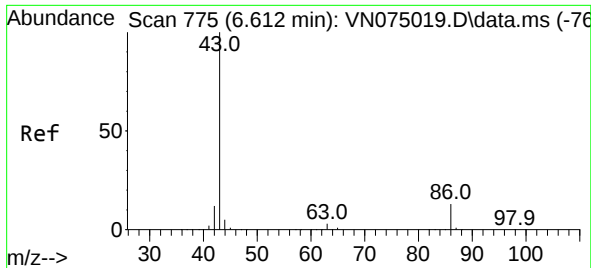
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#22
Diisopropyl ether
Concen: 54.657 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

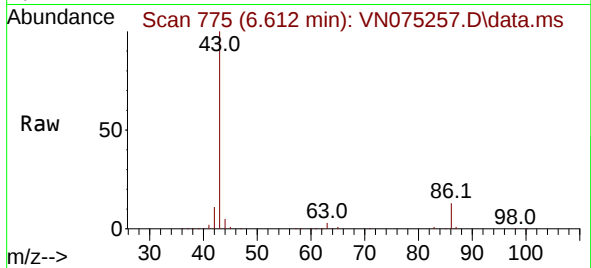
Tgt Ion: 45 Resp: 190099
Ion Ratio Lower Upper
45 100
43 55.0 42.8 64.2
87 35.0 28.4 42.6
59 13.3 10.4 15.6





#23
 Vinyl Acetate
 Concen: 264.548 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075257.D
 Acq: 14 Nov 2022 11:12

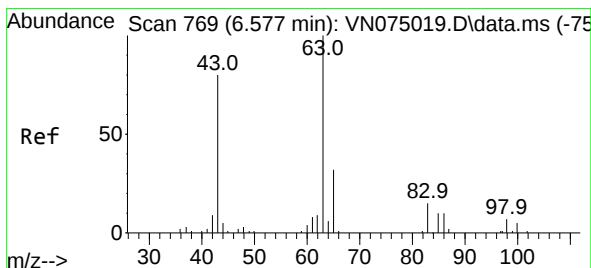
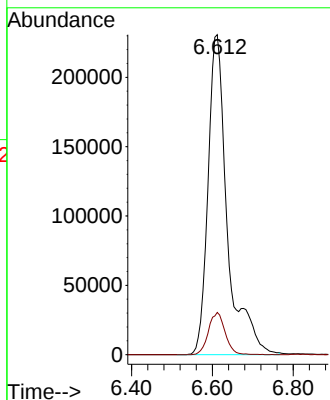
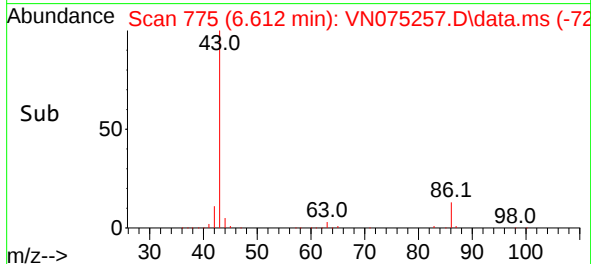
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



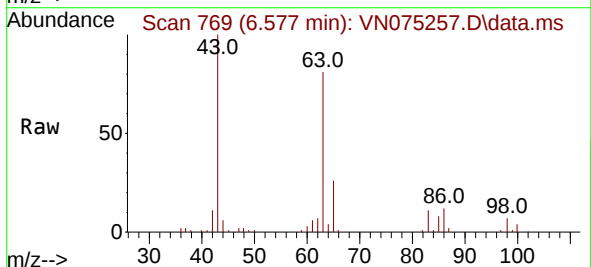
Tgt Ion: 43 Resp: 768335
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.7 16.1

Manual Integrations
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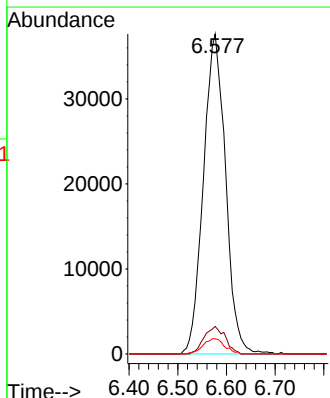
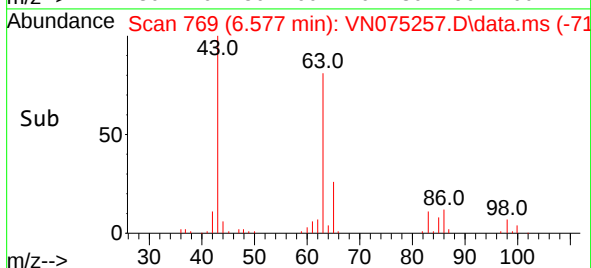
Reviewed By :John Carlone 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022

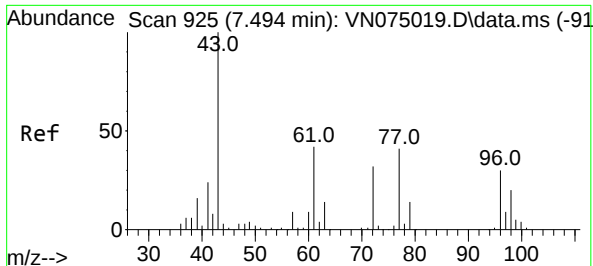


#24
 1,1-Dichloroethane
 Concen: 54.031 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075257.D
 Acq: 14 Nov 2022 11:12



Tgt Ion: 63 Resp: 118852
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.6 10.8
 100 4.7 2.4 7.2





#25

2-Butanone

Concen: 258.840 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075257.D

Acq: 14 Nov 2022 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 236452

Ion Ratio Lower Upper

43 100

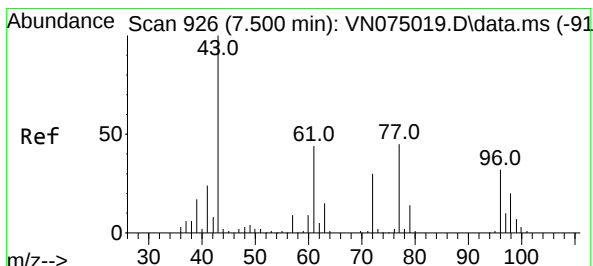
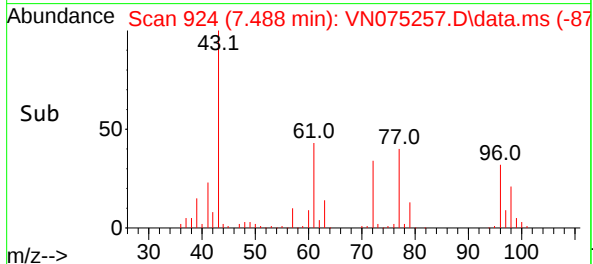
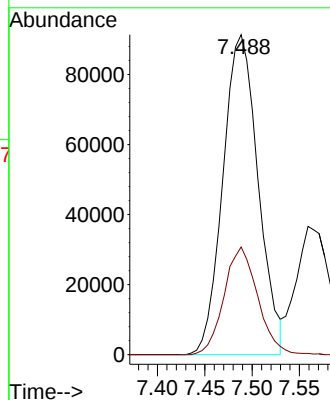
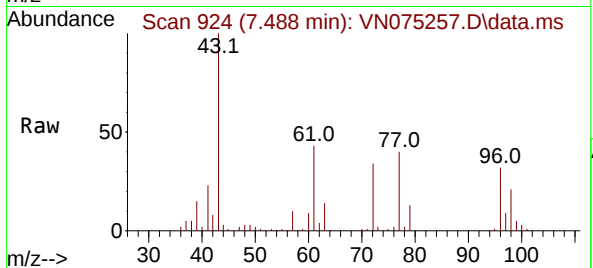
72 33.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#26

2,2-Dichloropropane

Concen: 53.315 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN075257.D

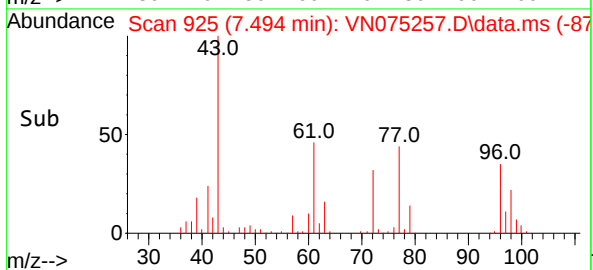
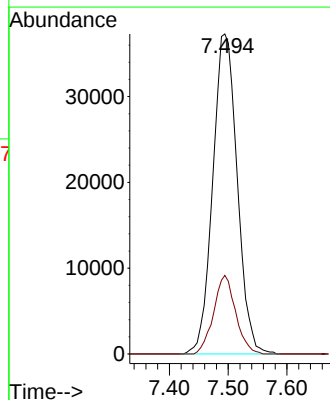
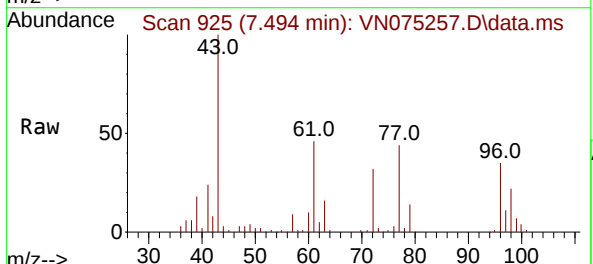
Acq: 14 Nov 2022 11:12

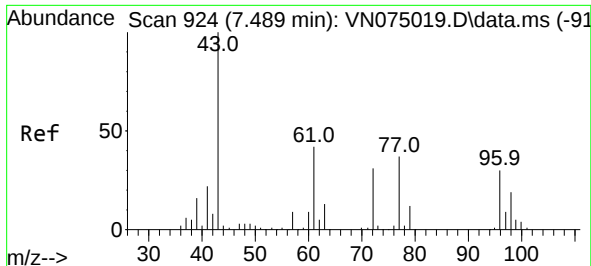
Tgt Ion: 77 Resp: 107888

Ion Ratio Lower Upper

77 100

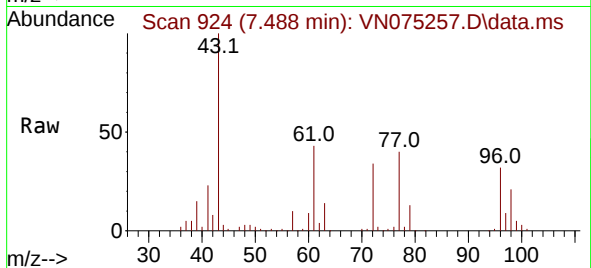
97 22.1 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 55.434 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.001 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

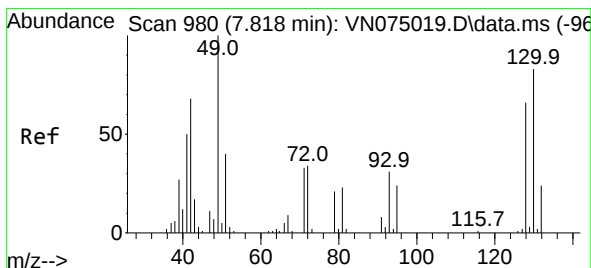
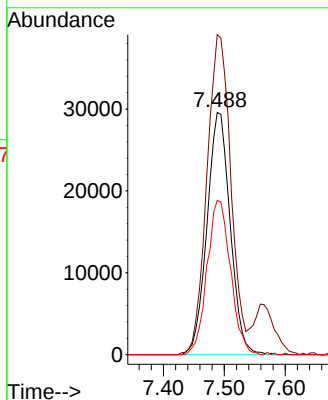
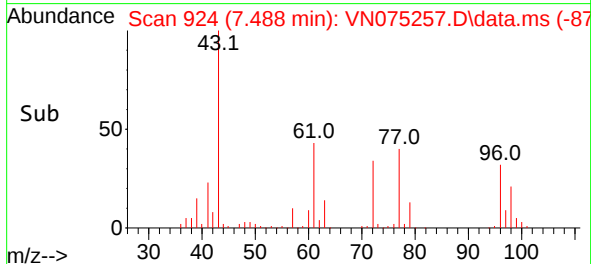
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 78210
Ion Ratio Lower Upper
96 100
61 136.0 0.0 278.8
98 64.4 0.0 128.4

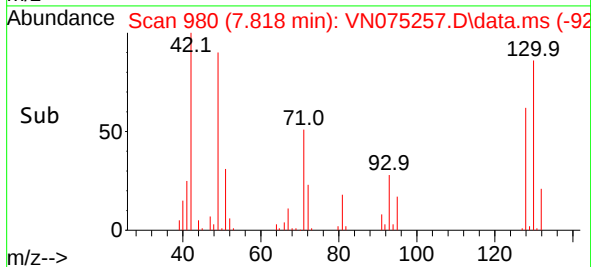
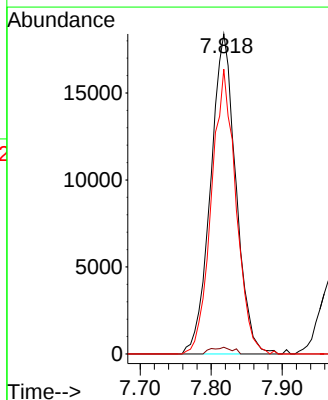
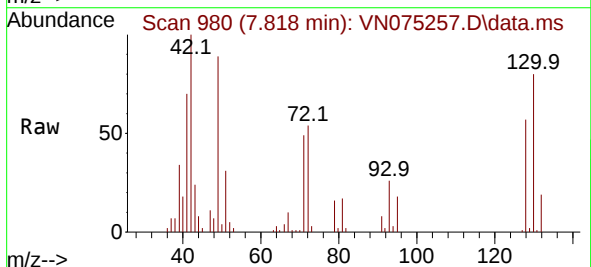
Manual Integrations
APPROVED

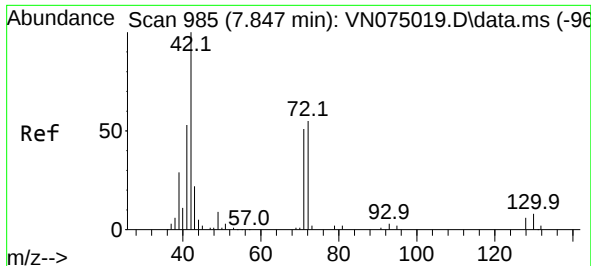
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#28
Bromochloromethane
Concen: 49.064 ug/l
RT: 7.818 min Scan# 980
Delta R.T. -0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

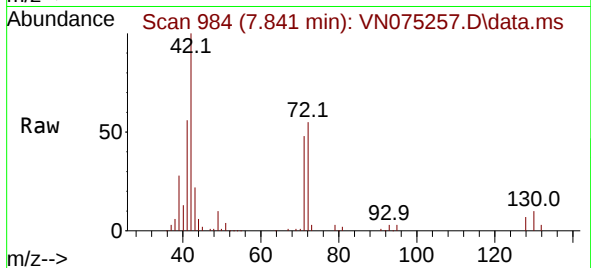
Tgt Ion: 49 Resp: 45496
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.6
130 86.1 66.2 99.4





#29
Tetrahydrofuran
Concen: 257.971 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

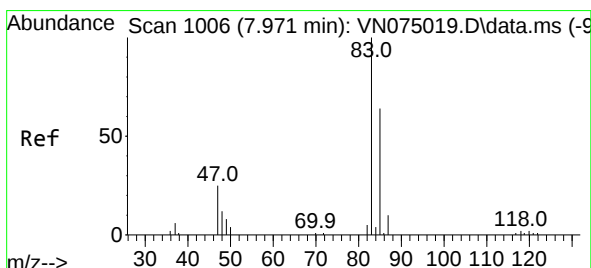
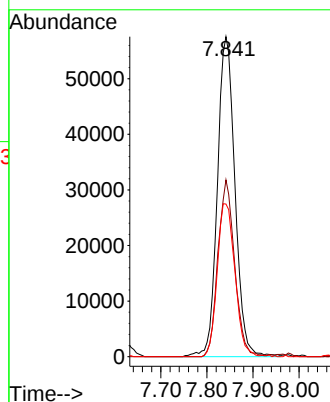
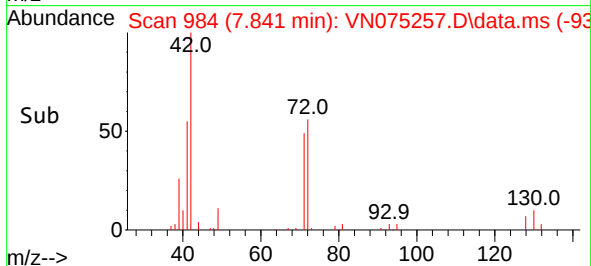
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



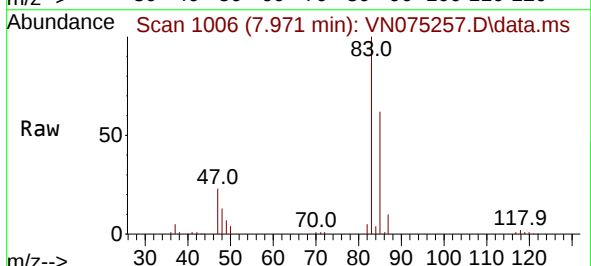
Tgt Ion: 42 Resp: 152280
Ion Ratio Lower Upper
42 100
72 52.3 43.0 64.6
71 48.1 39.9 59.9

Manual Integrations
APPROVED

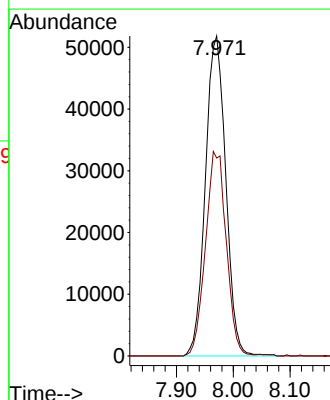
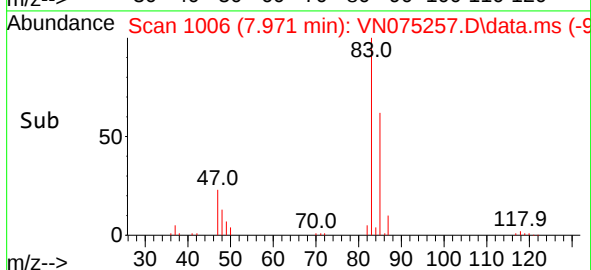
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

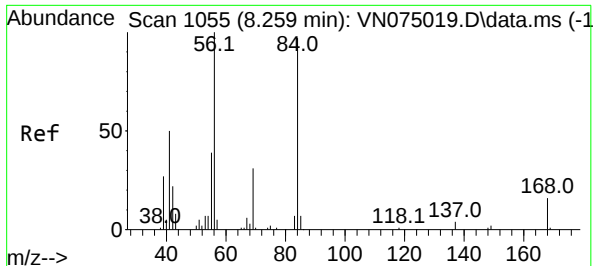


#30
Chloroform
Concen: 53.902 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12



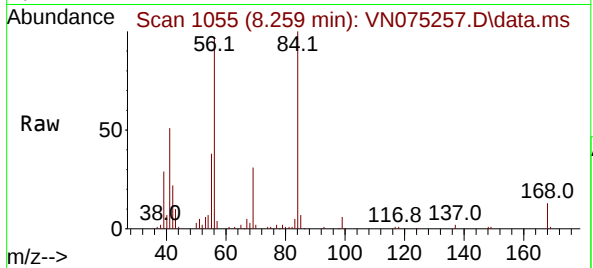
Tgt Ion: 83 Resp: 128733
Ion Ratio Lower Upper
83 100
85 61.9 51.4 77.0





#31
Cyclohexane
Concen: 52.144 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

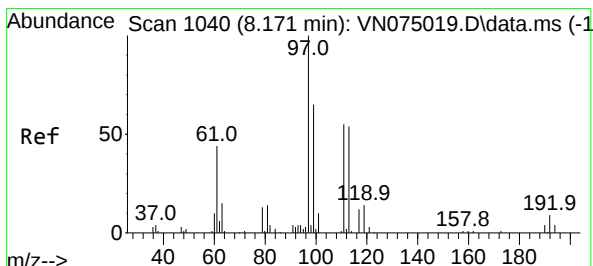
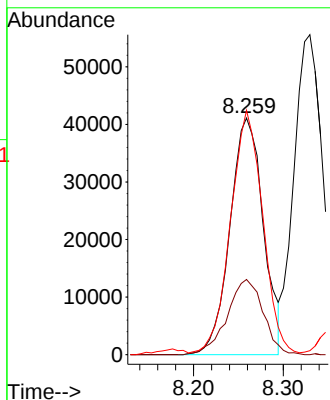
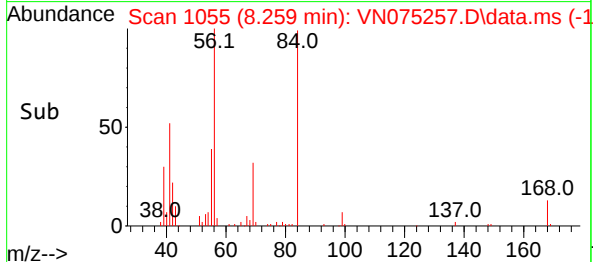
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



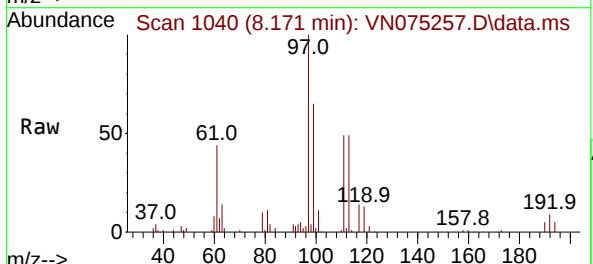
Tgt Ion: 56 Resp: 10637
Ion Ratio Lower Upper
56 100
69 31.8 25.2 37.8
84 101.6 77.8 116.8

Manual Integrations
APPROVED

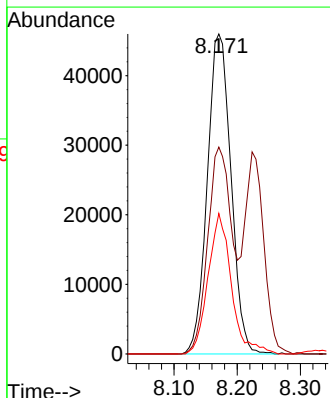
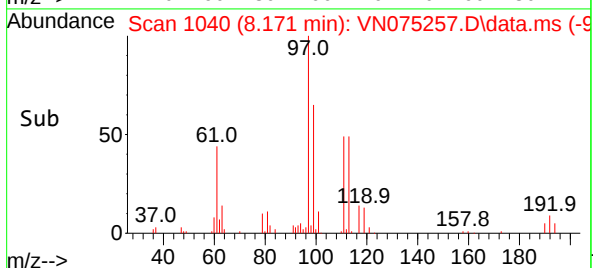
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#32
1,1,1-Trichloroethane
Concen: 55.278 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12



Tgt Ion: 97 Resp: 119887
Ion Ratio Lower Upper
97 100
99 64.9 50.2 75.2
61 43.2 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 44.753 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075257.D

Acq: 14 Nov 2022 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 61384

Ion Ratio Lower Upper

65 100

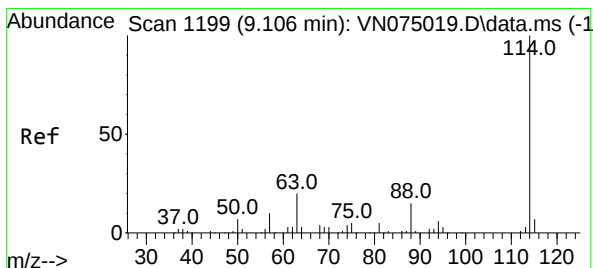
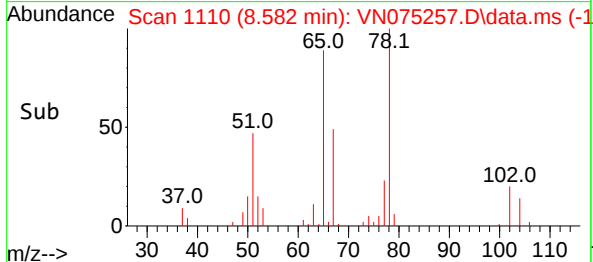
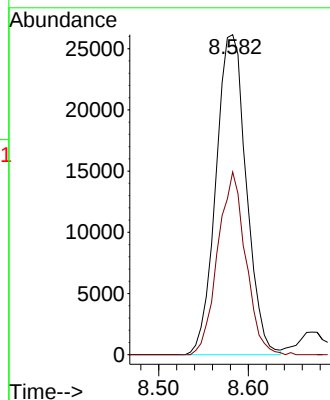
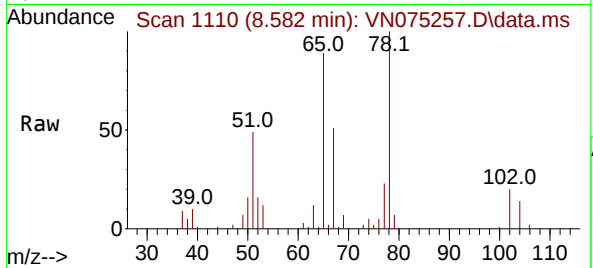
67 52.5 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN075257.D

Acq: 14 Nov 2022 11:12

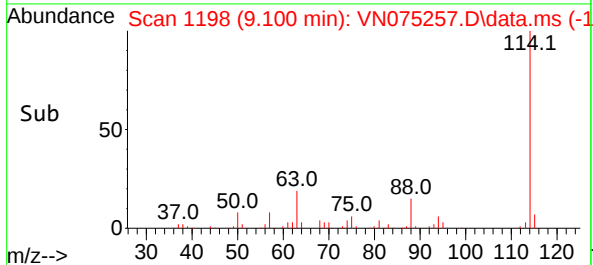
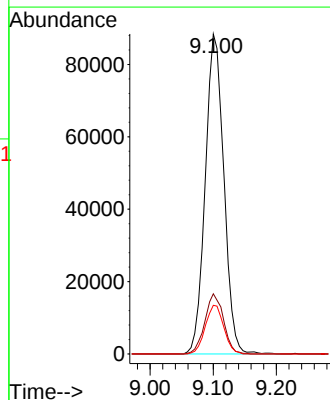
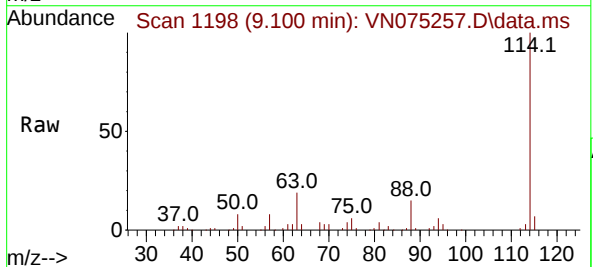
Tgt Ion:114 Resp: 180520

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

88 15.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.670 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075257.D

Acq: 14 Nov 2022 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 5369

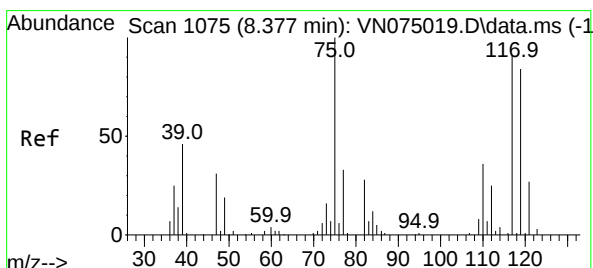
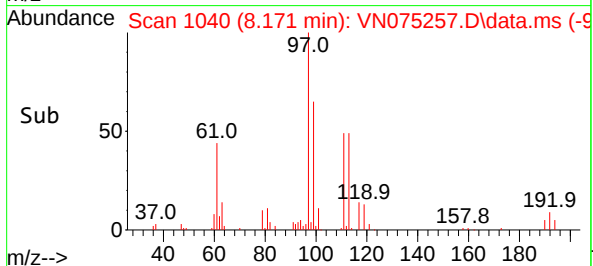
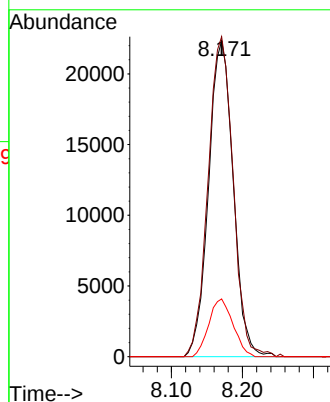
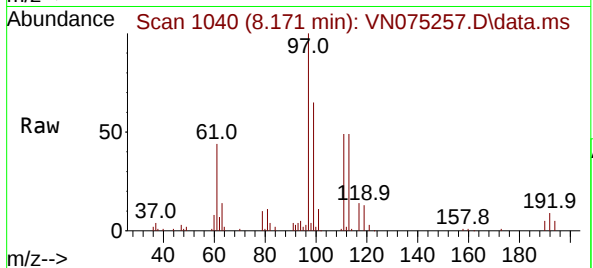
Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.5	120.7
192	18.0	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#36

1,1-Dichloropropene

Concen: 58.758 ug/l

RT: 8.377 min Scan# 1075

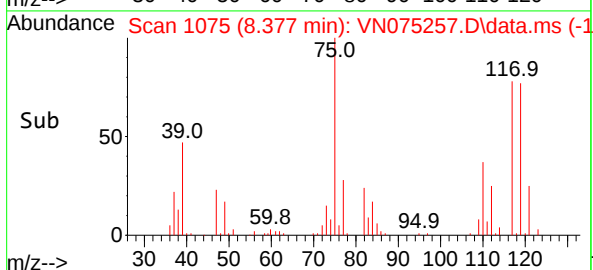
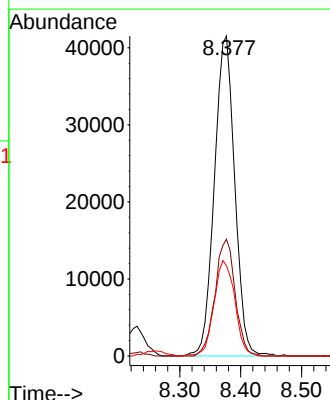
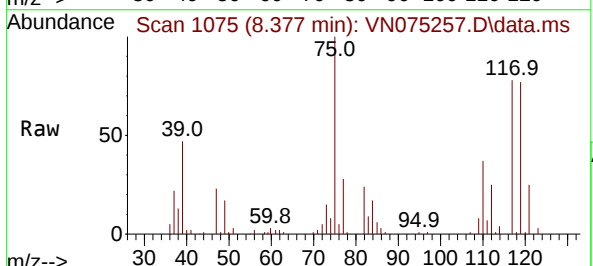
Delta R.T. -0.000 min

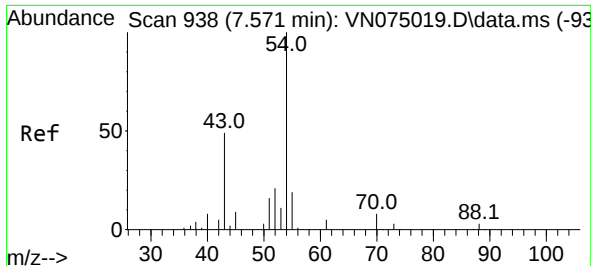
Lab File: VN075257.D

Acq: 14 Nov 2022 11:12

Tgt Ion: 75 Resp: 96403

Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.8	53.3
77	30.5	24.6	37.0





#37

Ethyl Acetate

Concen: 53.313 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.012 min

Lab File: VN075257.D

Acq: 14 Nov 2022 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 9592

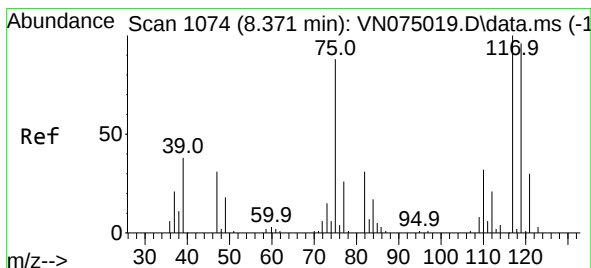
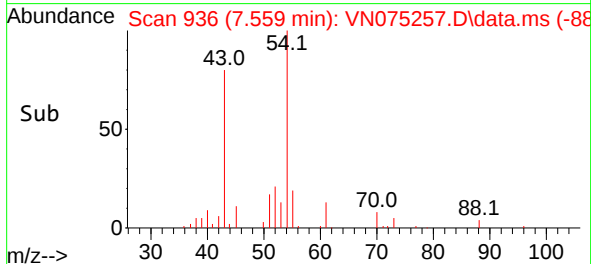
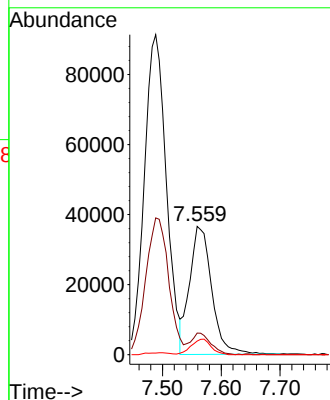
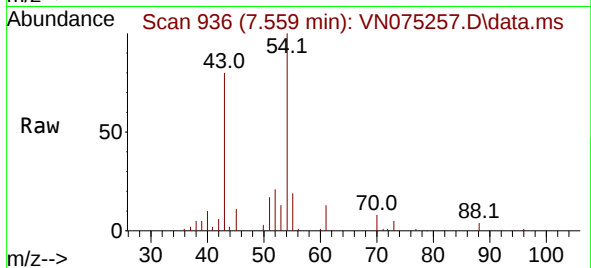
Ion	Ratio	Lower	Upper
43	100		
61	14.4	12.2	18.4
70	10.8	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#38

Carbon Tetrachloride

Concen: 58.628 ug/l

RT: 8.365 min Scan# 1073

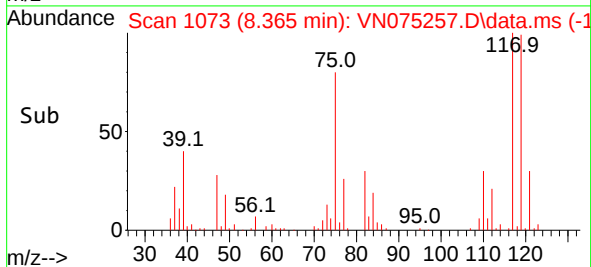
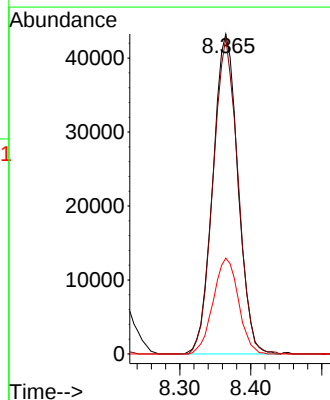
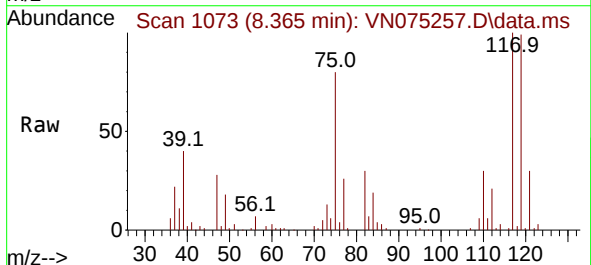
Delta R.T. -0.006 min

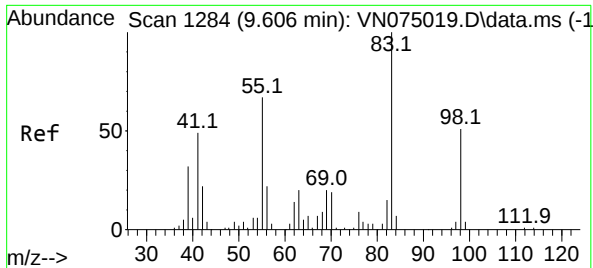
Lab File: VN075257.D

Acq: 14 Nov 2022 11:12

Tgt Ion:117 Resp: 105809

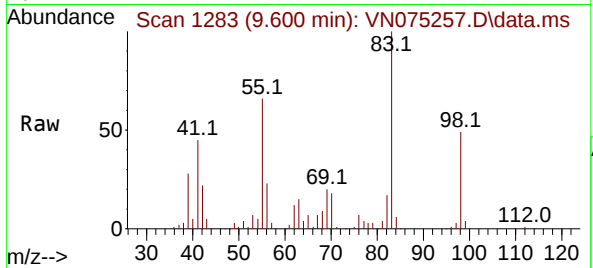
Ion	Ratio	Lower	Upper
117	100		
119	98.8	76.7	115.1
121	30.0	23.9	35.9





#39
Methylcyclohexane
Concen: 58.645 ug/l
RT: 9.600 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

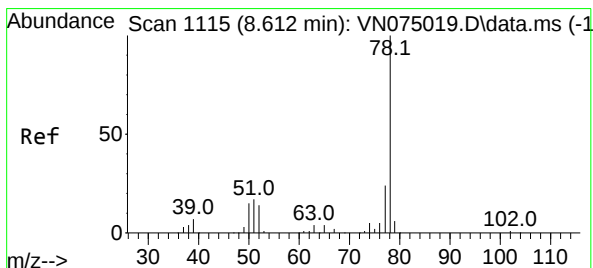
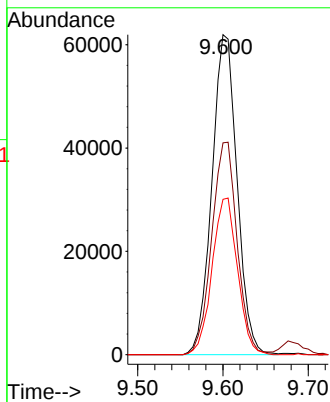
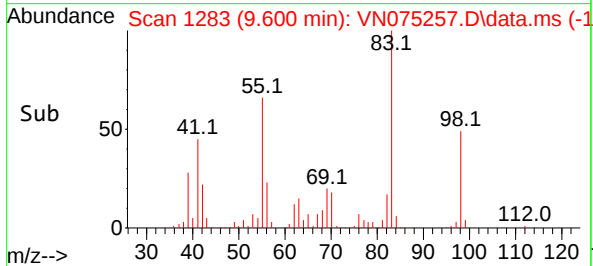
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 12702
Ion Ratio Lower Upper
83 100
55 66.2 53.6 80.4
98 48.6 41.1 61.7

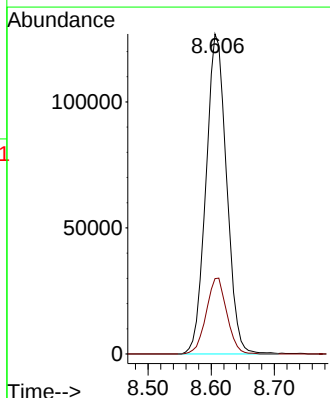
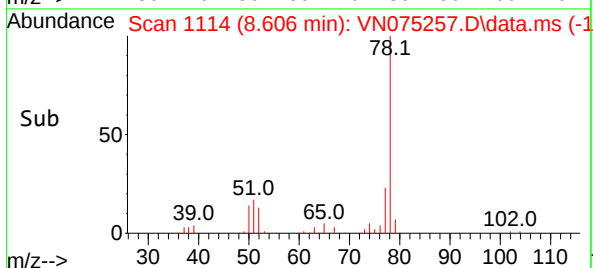
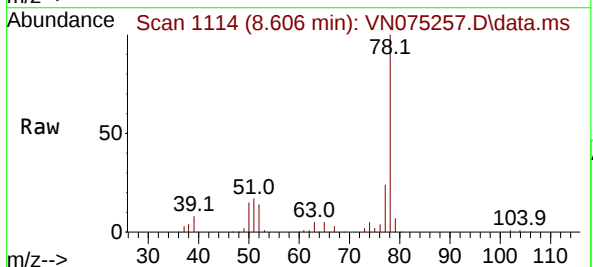
Manual Integrations
APPROVED

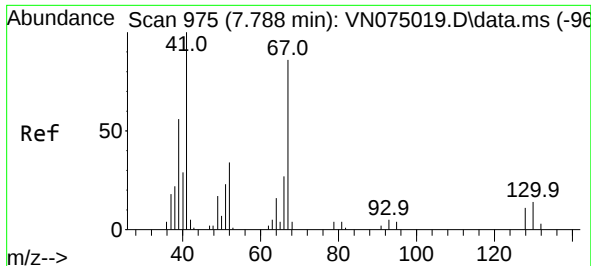
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#40
Benzene
Concen: 57.350 ug/l
RT: 8.606 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

Tgt Ion: 78 Resp: 288098
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.0





#41
Methacrylonitrile
Concen: 56.118 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

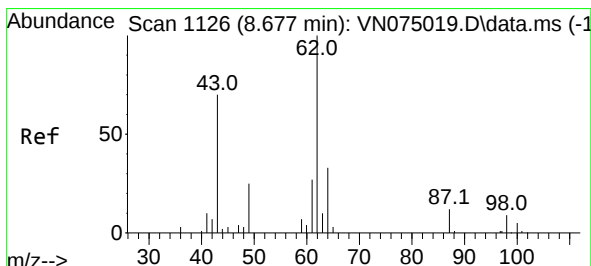
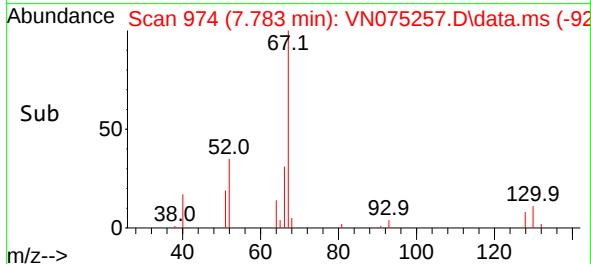
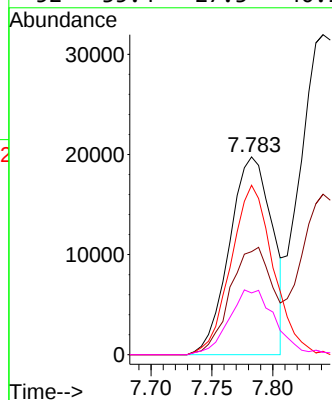
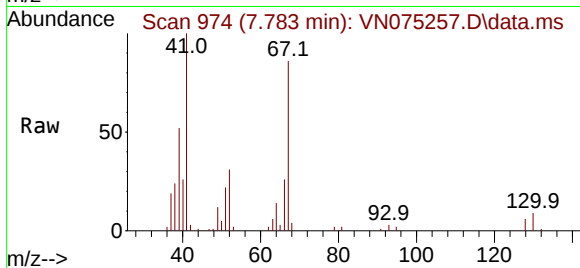
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 48370

Ion	Ratio	Lower	Upper
41	100		
39	53.9	44.4	66.6
67	84.6	69.8	104.6
52	35.4	27.3	40.9

Manual Integrations
APPROVED

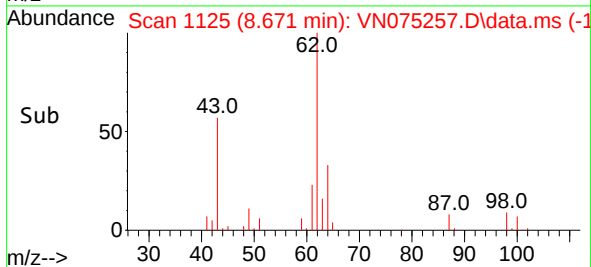
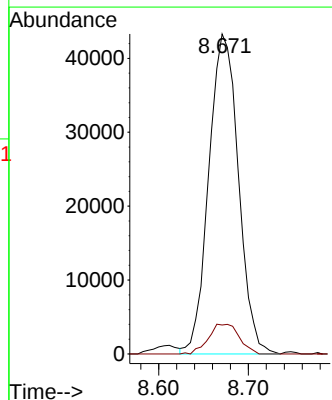
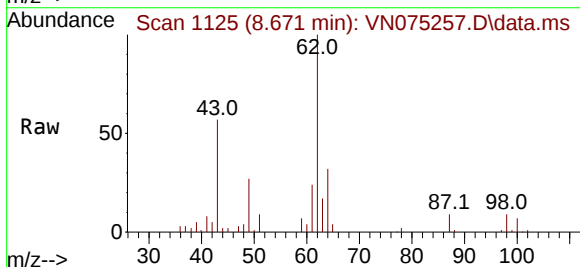
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

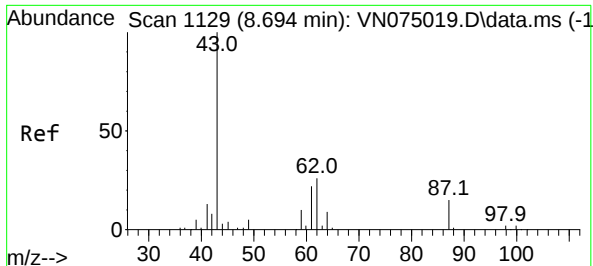


#42
1,2-Dichloroethane
Concen: 54.378 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

Tgt Ion: 62 Resp: 99383

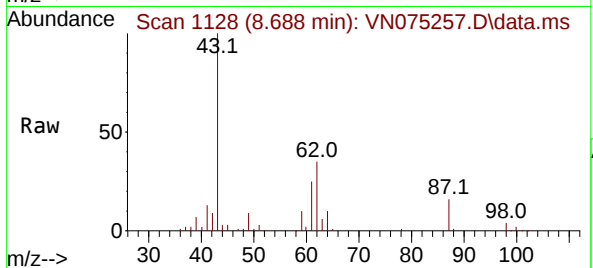
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.2





#43
Isopropyl Acetate
Concen: 53.697 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

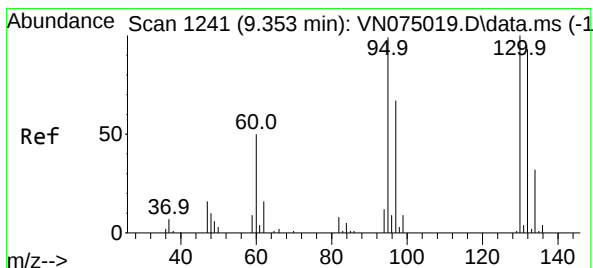
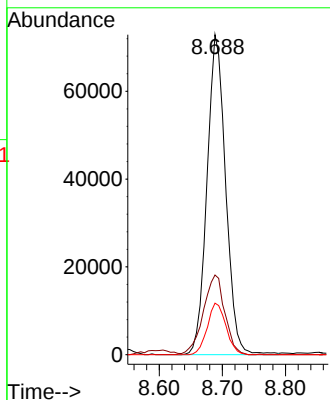
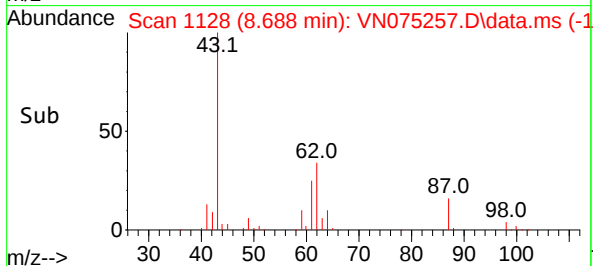
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 149864
Ion Ratio Lower Upper
43 100
61 28.5 22.4 33.6
87 16.1 12.5 18.7

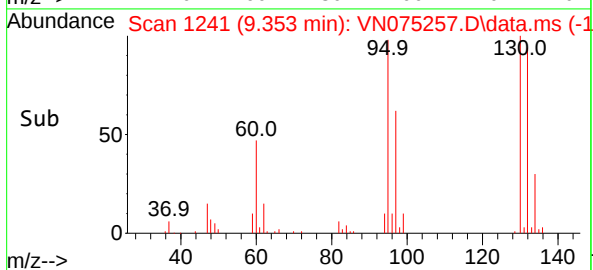
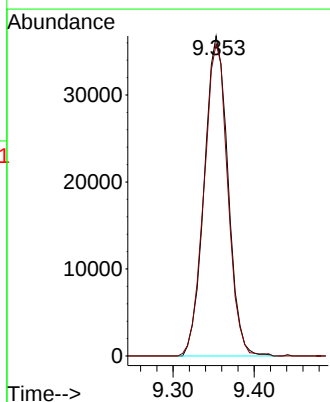
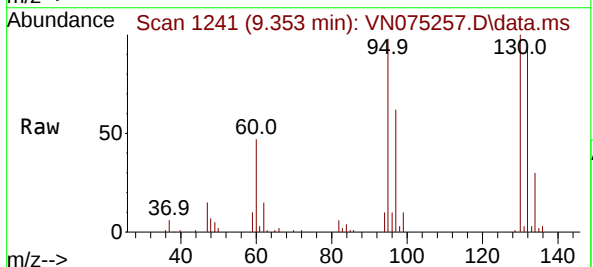
Manual Integrations
APPROVED

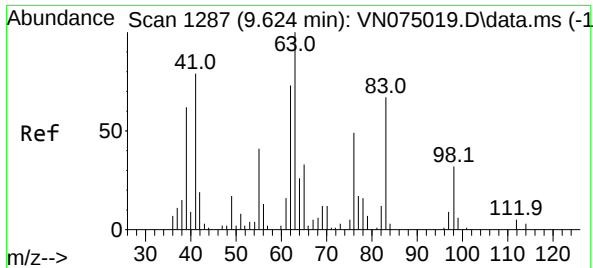
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#44
Trichloroethene
Concen: 59.053 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

Tgt Ion:130 Resp: 74426
Ion Ratio Lower Upper
130 100
95 97.5 0.0 198.4





#45

1,2-Dichloropropane

Concen: 58.423 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN075257.D

Acq: 14 Nov 2022 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 6984

Ion Ratio Lower Upper

63 100

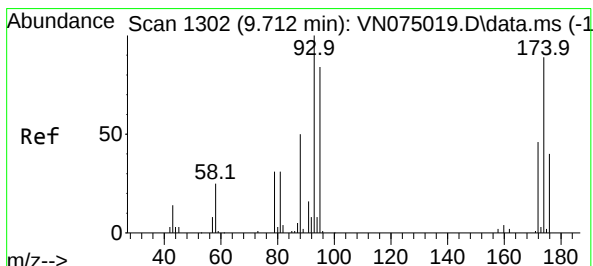
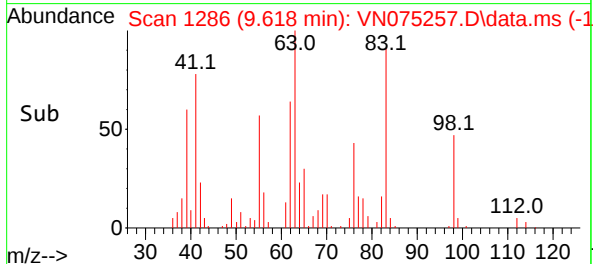
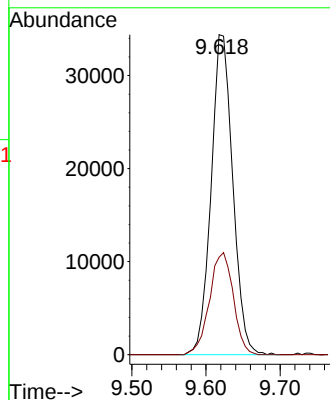
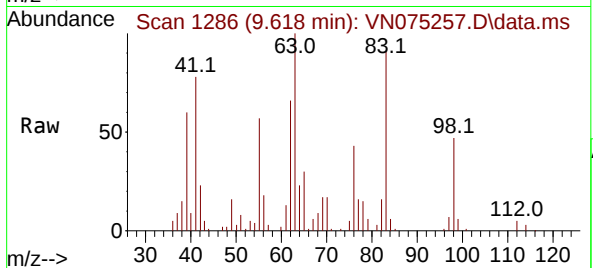
65 30.4 26.1 39.1

Manual Integrations

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Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#46

Dibromomethane

Concen: 56.923 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. -0.006 min

Lab File: VN075257.D

Acq: 14 Nov 2022 11:12

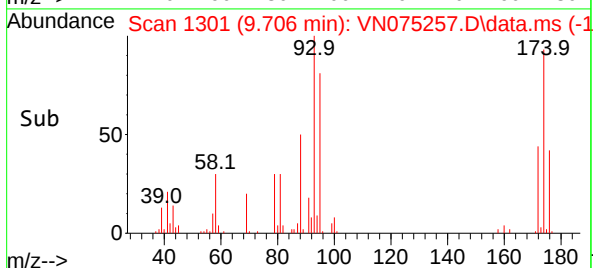
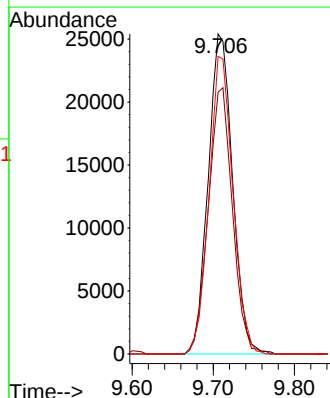
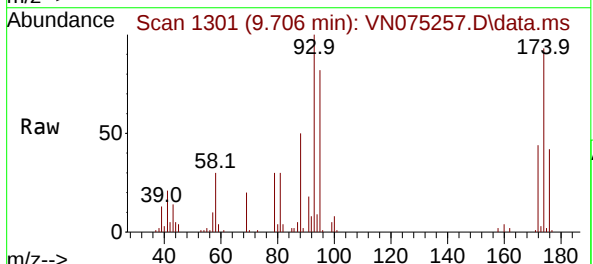
Tgt Ion: 93 Resp: 53018

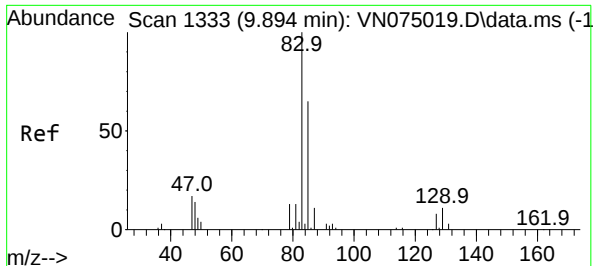
Ion Ratio Lower Upper

93 100

95 82.5 66.6 99.8

174 91.2 70.3 105.5





#47

Bromodichloromethane

Concen: 58.383 ug/l

RT: 9.888 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN075257.D

Acq: 14 Nov 2022 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

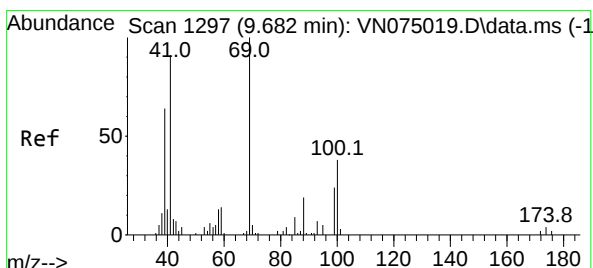
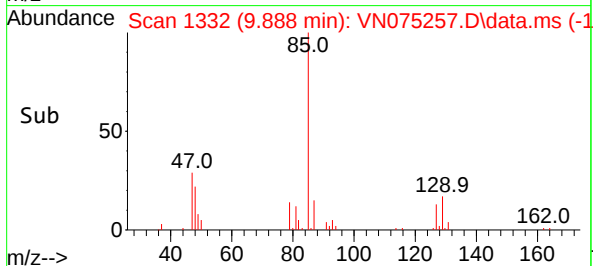
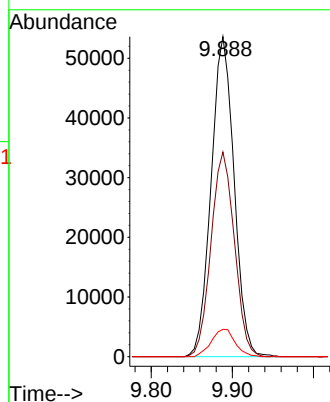
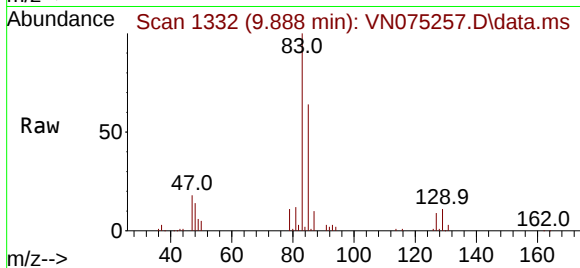
Tgt Ion: 83 Resp: 10530
 Ion Ratio Lower Upper
 83 100
 85 64.0 52.1 78.1
 127 8.6 6.6 10.0

Manual Integrations

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Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#48

Methyl methacrylate

Concen: 54.299 ug/l

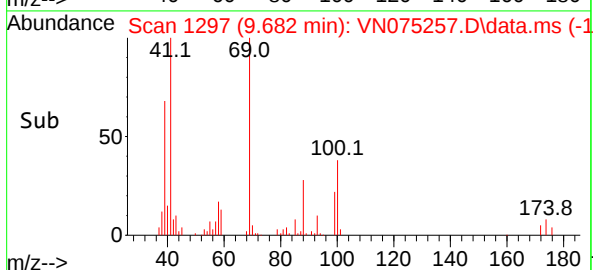
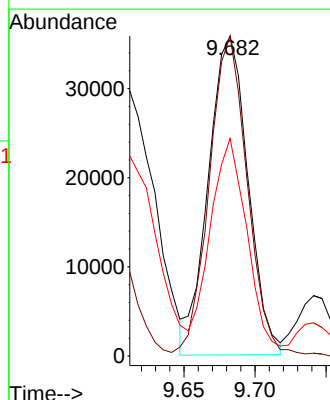
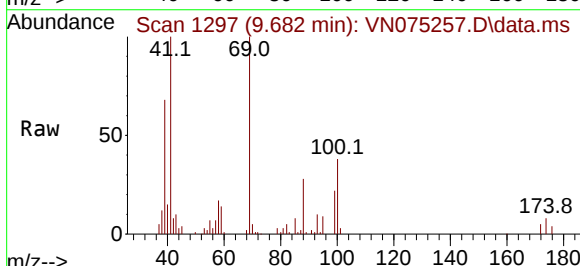
RT: 9.682 min Scan# 1297

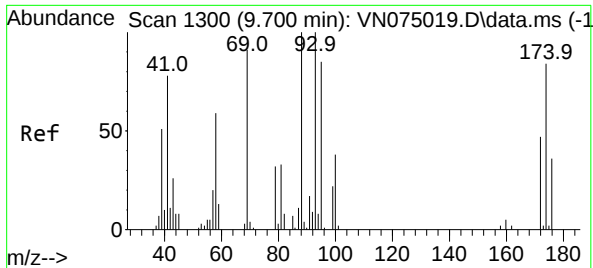
Delta R.T. 0.000 min

Lab File: VN075257.D

Acq: 14 Nov 2022 11:12

Tgt Ion: 41 Resp: 69516
 Ion Ratio Lower Upper
 41 100
 69 96.4 80.2 120.2
 39 64.0 56.2 84.2





#49

1,4-Dioxane

Concen: 1054.895 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075257.D

Acq: 14 Nov 2022 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3536

Ion Ratio Lower Upper

88 100

43 23.8 17.5 26.3

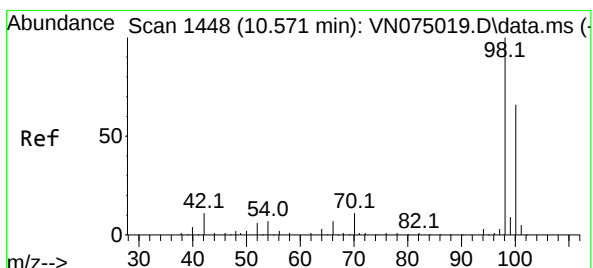
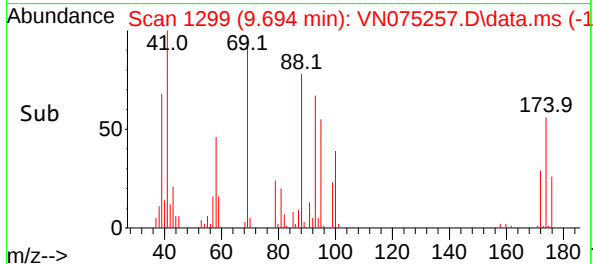
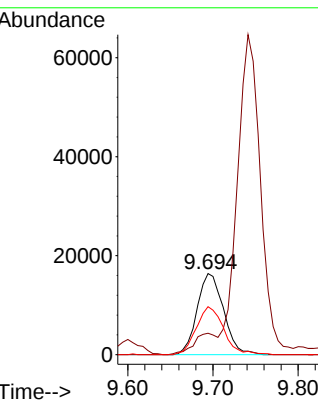
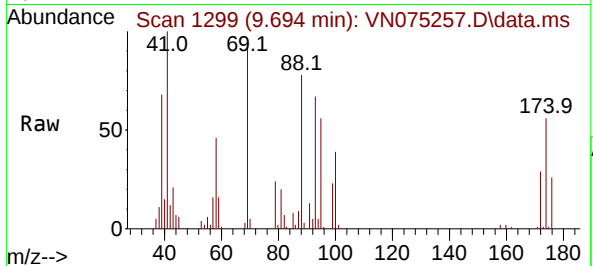
58 61.5 49.8 74.8

Manual Integrations

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Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#50

Toluene-d8

Concen: 46.616 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075257.D

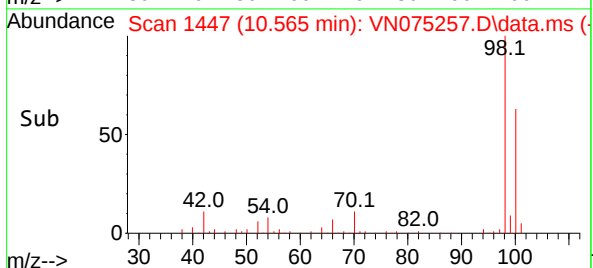
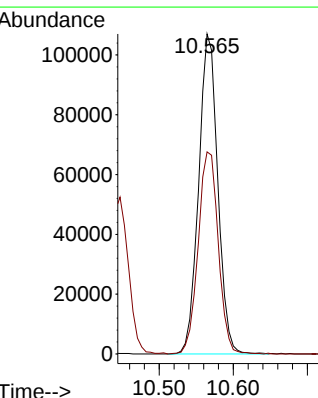
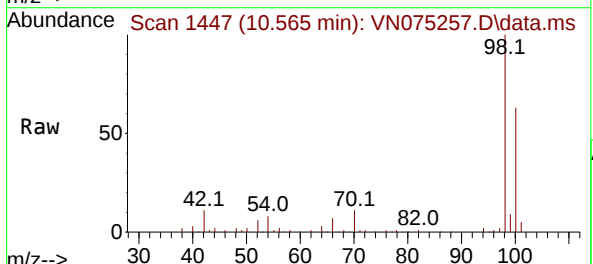
Acq: 14 Nov 2022 11:12

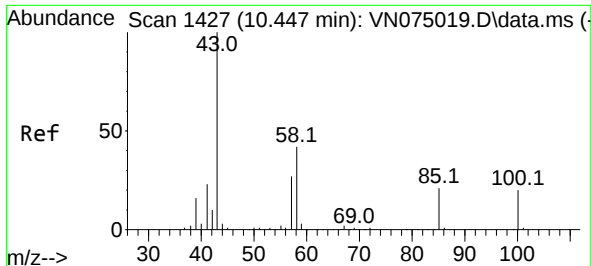
Tgt Ion: 98 Resp: 191661

Ion Ratio Lower Upper

98 100

100 66.5 53.0 79.6





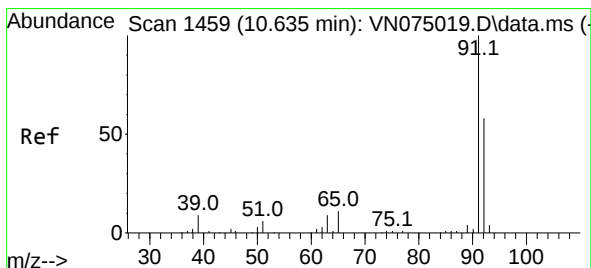
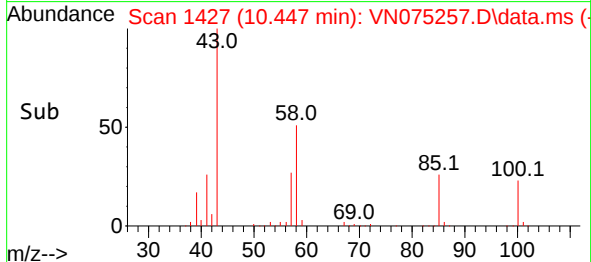
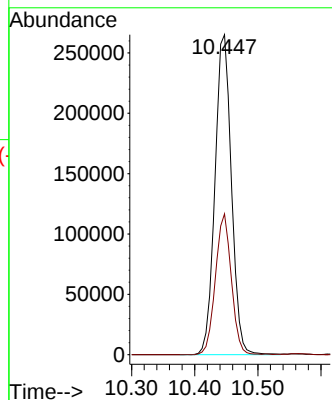
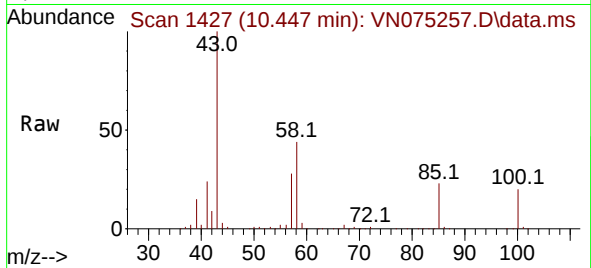
#51
4-Methyl-2-Pentanone
Concen: 266.452 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 479880
Ion Ratio Lower Upper
43 100
58 42.5 33.6 50.4

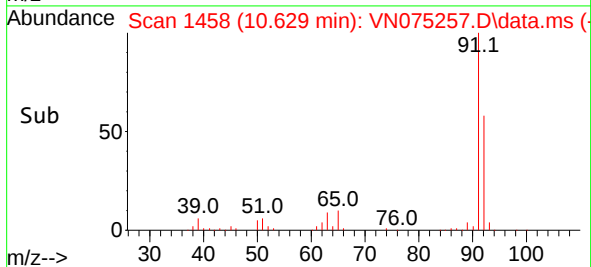
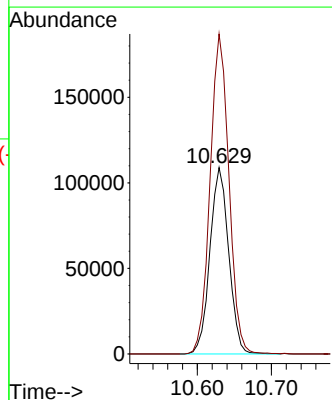
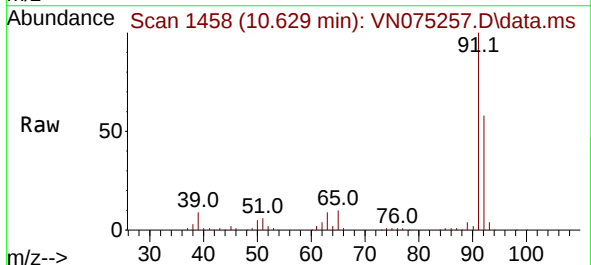
Manual Integrations
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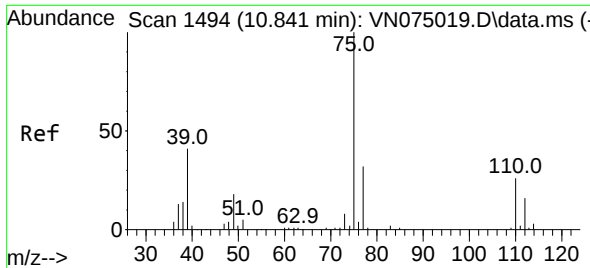
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#52
Toluene
Concen: 57.218 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

Tgt Ion: 92 Resp: 192141
Ion Ratio Lower Upper
92 100
91 171.8 135.4 203.2





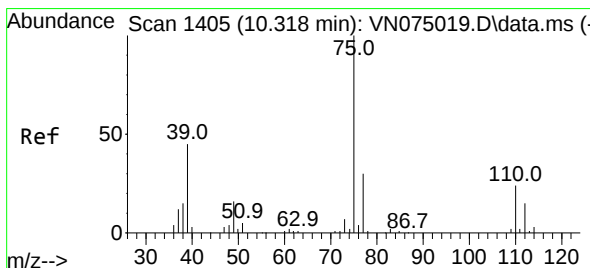
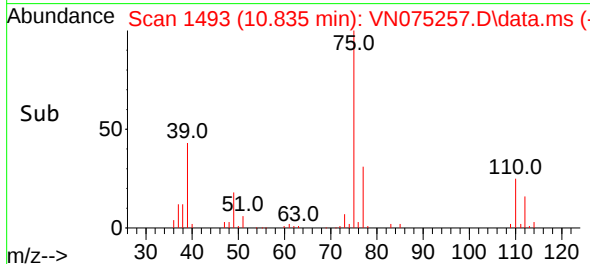
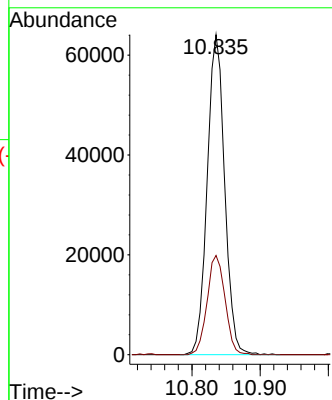
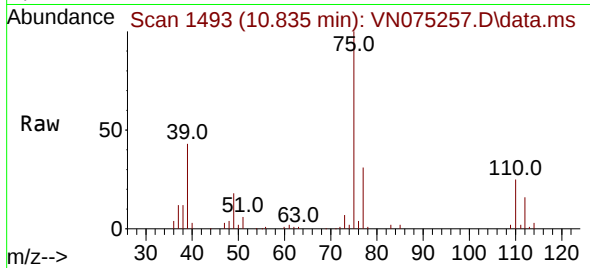
#53
t-1,3-Dichloropropene
Concen: 59.906 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 114048
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2

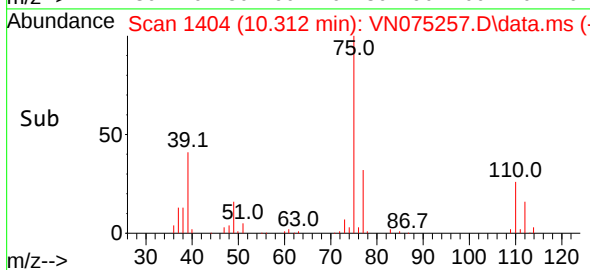
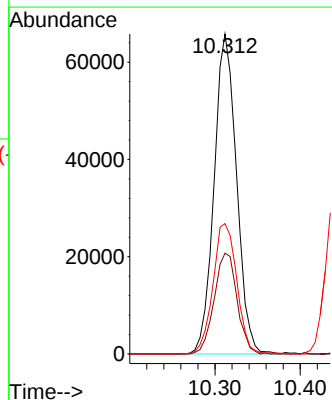
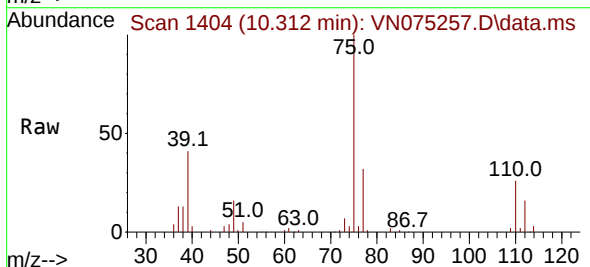
Manual Integrations
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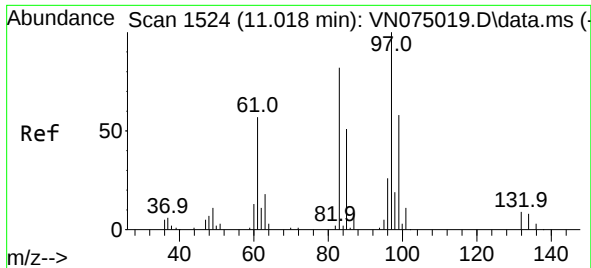
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#54
cis-1,3-Dichloropropene
Concen: 59.612 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

Tgt Ion: 75 Resp: 120370
Ion Ratio Lower Upper
75 100
77 31.5 23.7 35.5
39 40.8 35.8 53.6





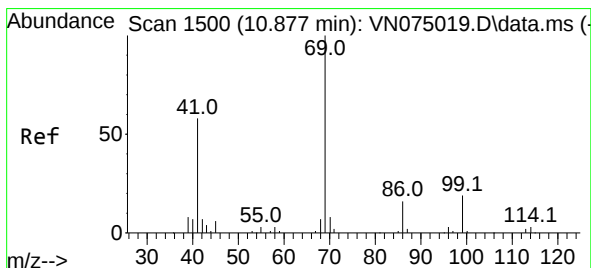
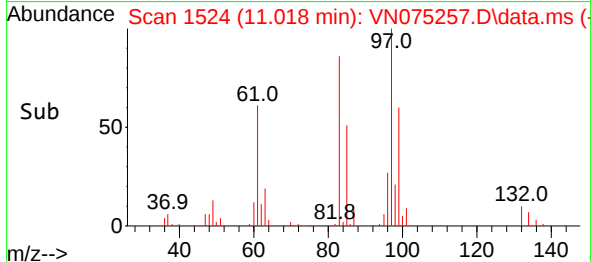
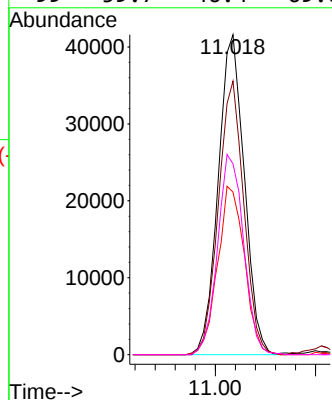
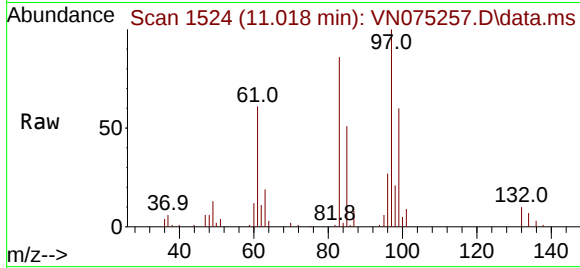
#55
1,1,2-Trichloroethane
Concen: 56.369 ug/l
RT: 11.018 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97	Resp: 7505
Ion Ratio	Lower Upper
97 100	
83 85.5	65.9 98.9
85 50.8	40.4 60.6
99 59.7	46.4 69.6

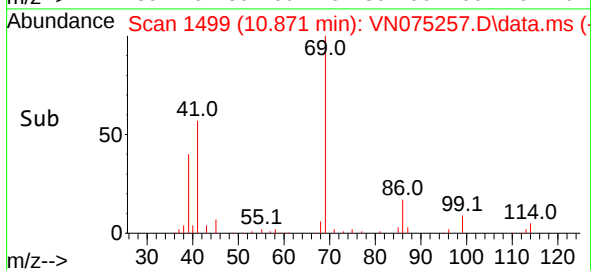
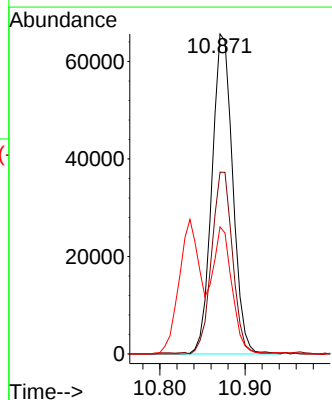
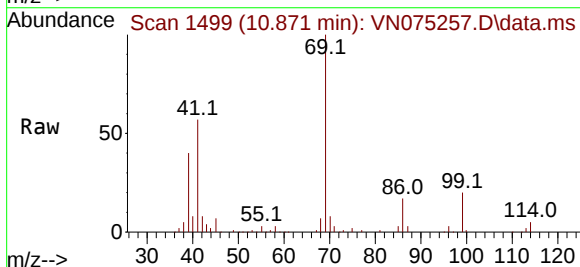
Manual Integrations
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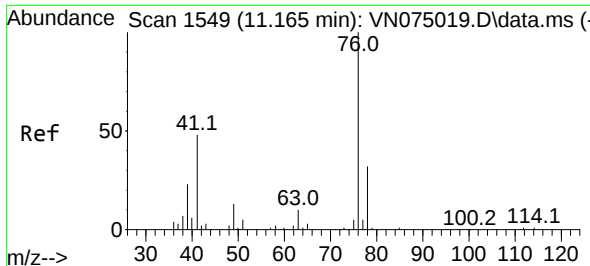
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#56
Ethyl methacrylate
Concen: 54.806 ug/l
RT: 10.871 min Scan# 1499
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

Tgt Ion: 69	Resp: 111312
Ion Ratio	Lower Upper
69 100	
41 56.3	45.6 68.4
39 37.0	28.5 42.7





#57

1,3-Dichloropropane

Concen: 56.708 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075257.D

Acq: 14 Nov 2022 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 12574

Ion Ratio Lower Upper

76 100

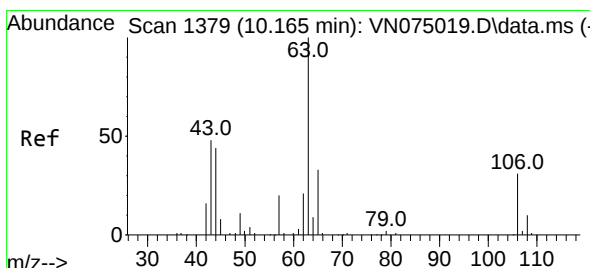
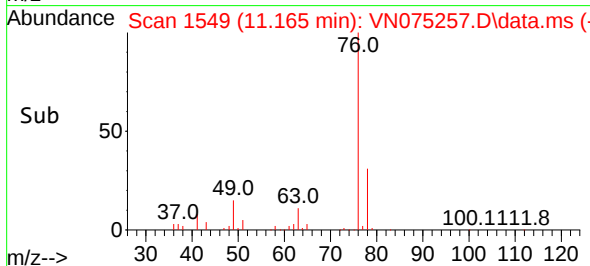
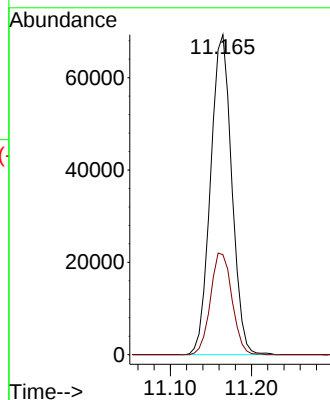
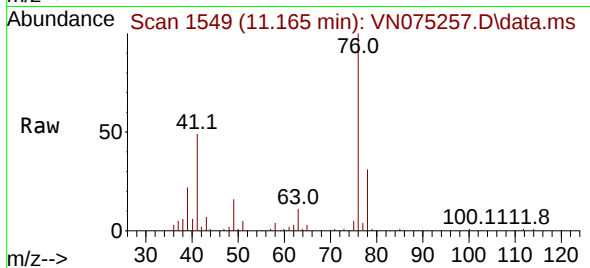
78 32.2 25.8 38.6

Manual Integrations

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Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 271.748 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN075257.D

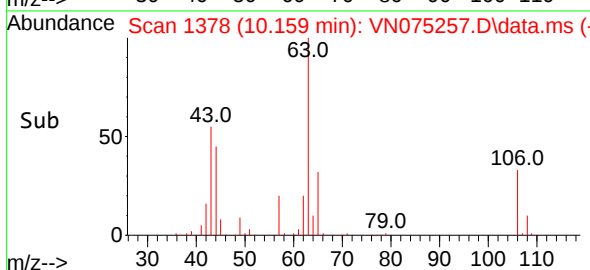
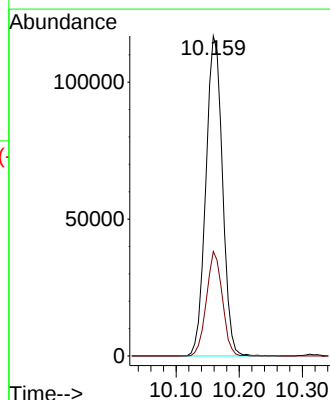
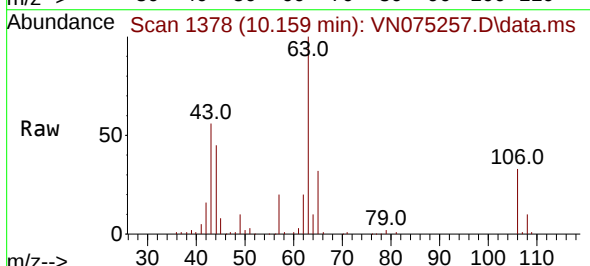
Acq: 14 Nov 2022 11:12

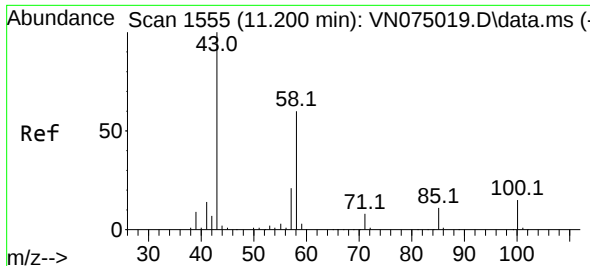
Tgt Ion: 63 Resp: 213374

Ion Ratio Lower Upper

63 100

106 31.3 24.8 37.2





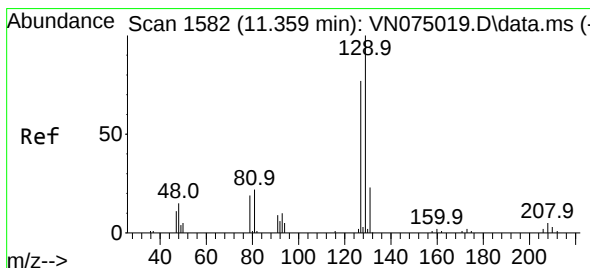
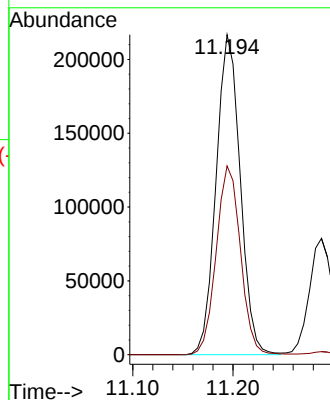
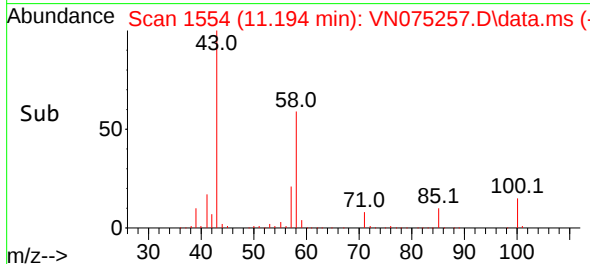
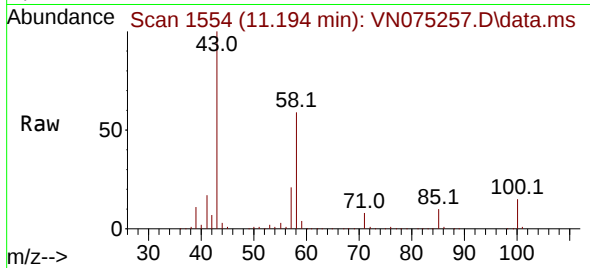
#59
2-Hexanone
Concen: 264.767 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 361910
Ion Ratio Lower Upper
43 100
58 59.3 29.6 88.8

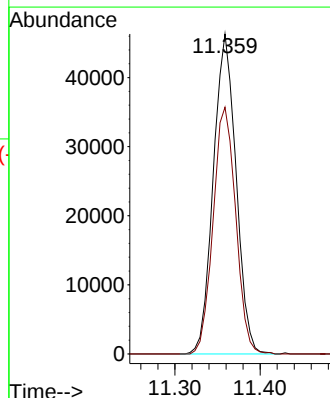
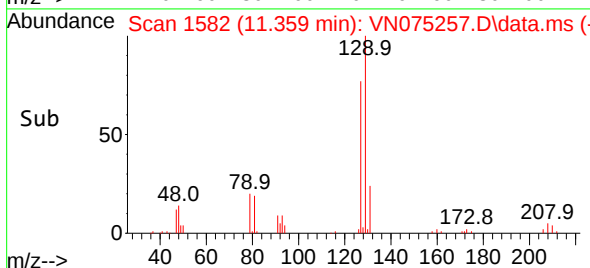
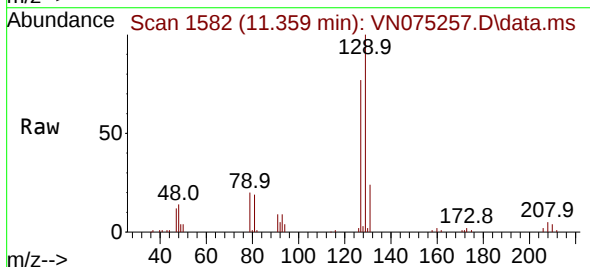
Manual Integrations
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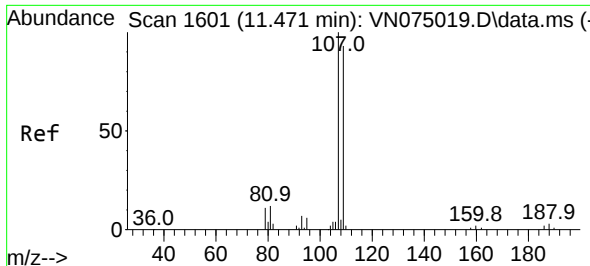
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#60
Dibromochloromethane
Concen: 61.147 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

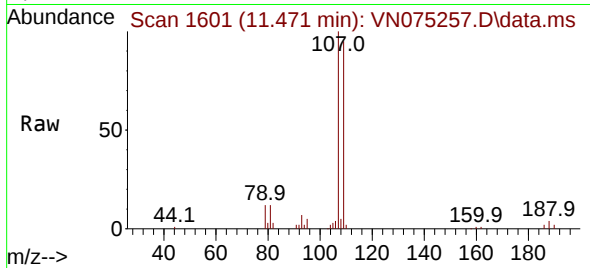
Tgt Ion:129 Resp: 85898
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8





#61
1,2-Dibromoethane
Concen: 58.177 ug/l
RT: 11.471 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

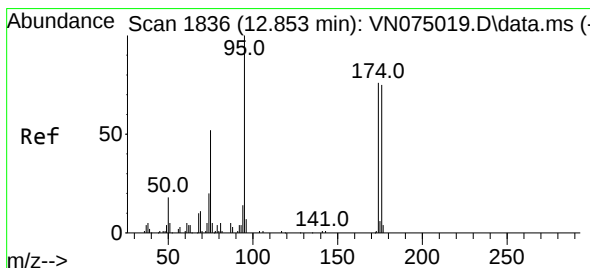
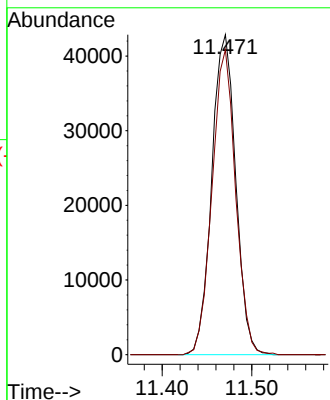
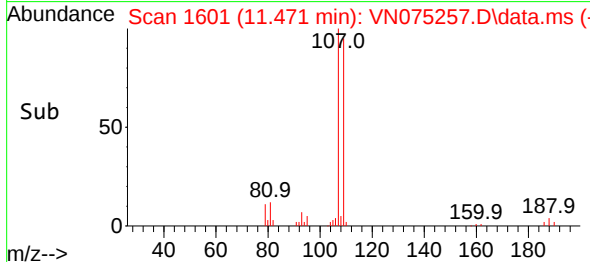
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



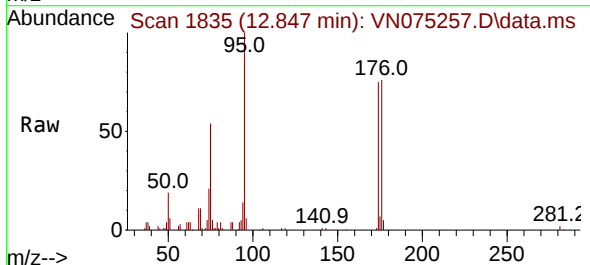
Tgt Ion:107 Resp: 79384
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4

Manual Integrations
APPROVED

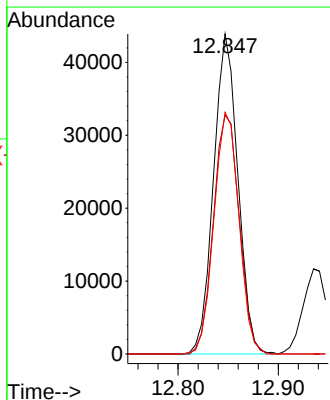
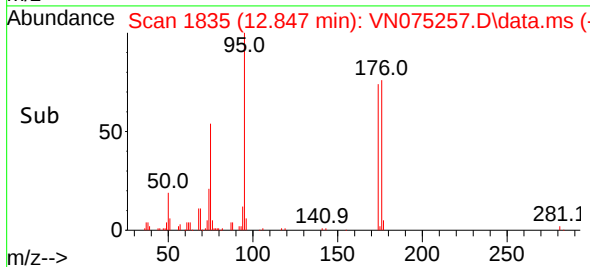
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

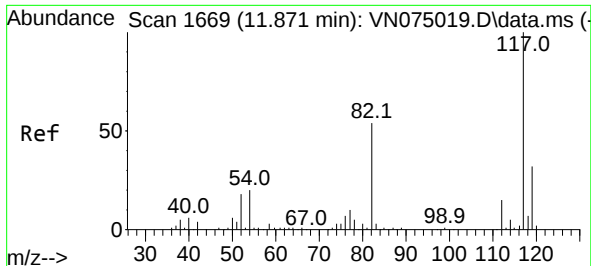


#62
4-Bromofluorobenzene
Concen: 51.179 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12



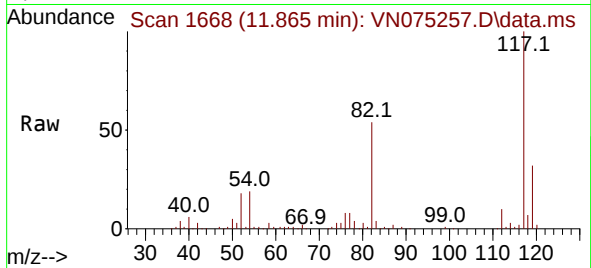
Tgt Ion: 95 Resp: 73918
Ion Ratio Lower Upper
95 100
174 79.6 0.0 147.4
176 77.6 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

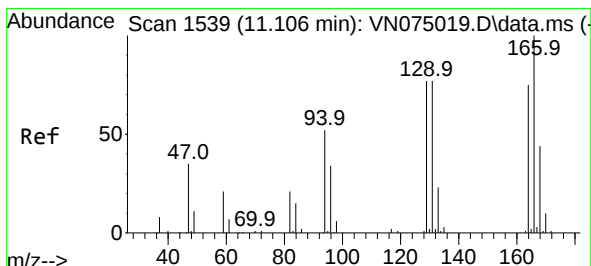
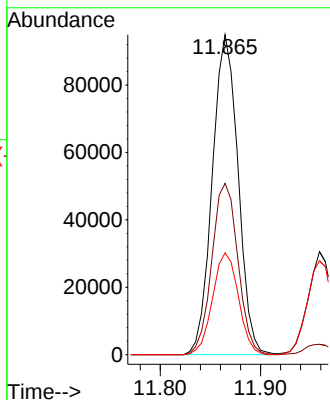
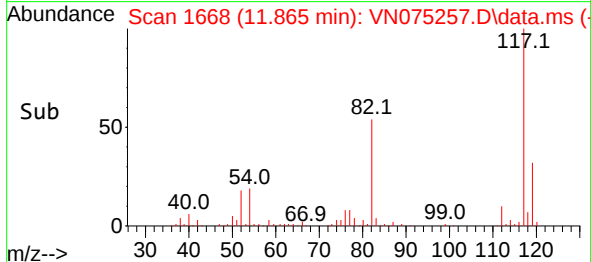
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 169550
Ion Ratio Lower Upper
117 100
82 53.6 43.1 64.7
119 31.8 25.5 38.3

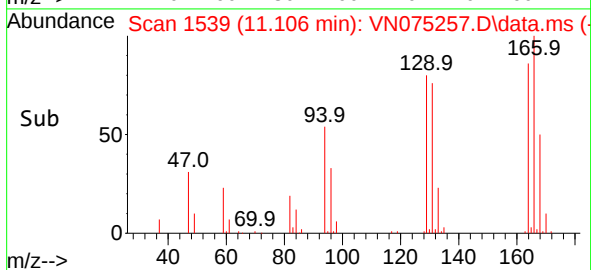
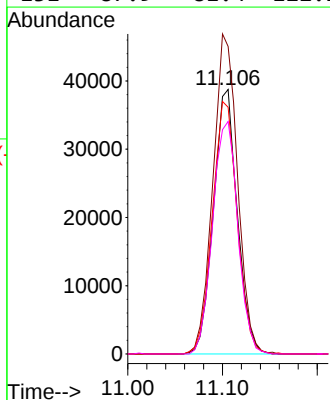
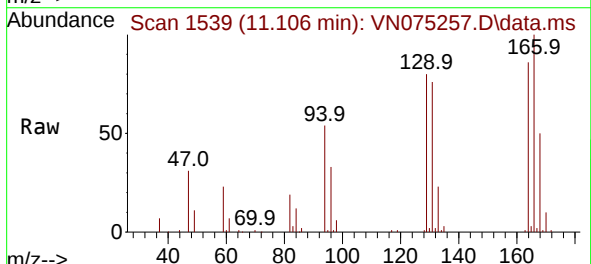
Manual Integrations
APPROVED

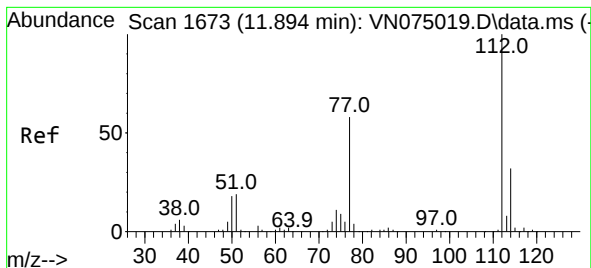
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#64
Tetrachloroethene
Concen: 65.225 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

Tgt Ion:164 Resp: 67800
Ion Ratio Lower Upper
164 100
166 116.3 106.5 159.7
129 93.3 81.9 122.9
131 87.9 81.4 122.2





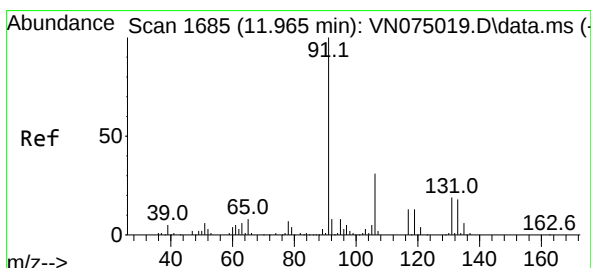
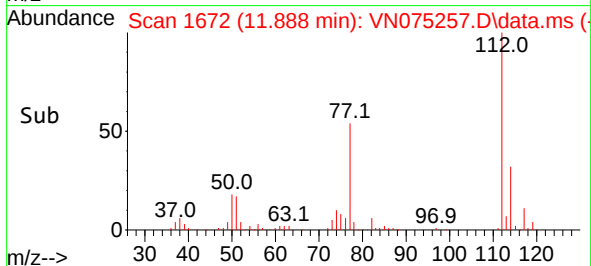
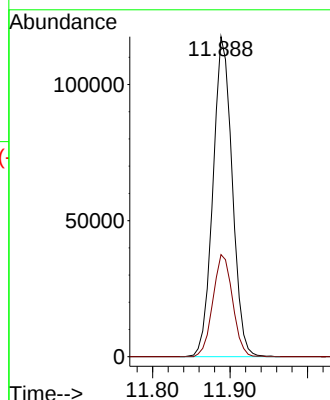
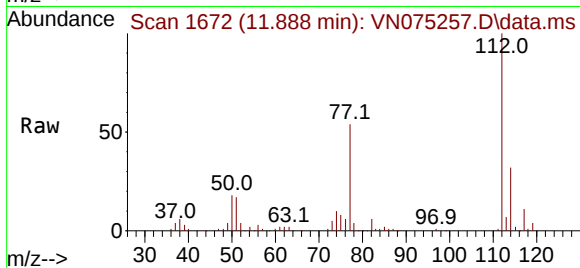
#65
Chlorobenzene
Concen: 56.034 ug/l
RT: 11.888 min Scan# 1672
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 20279
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

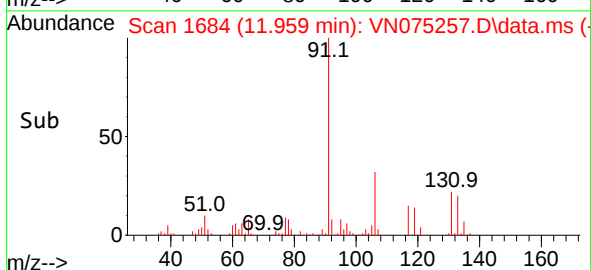
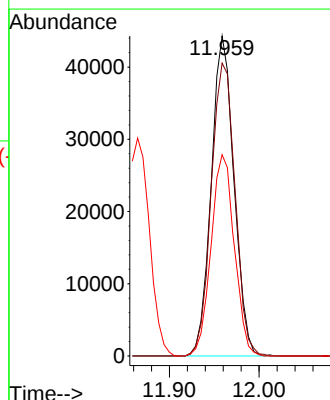
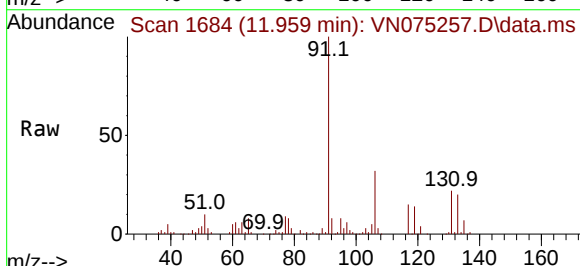
Manual Integrations
APPROVED

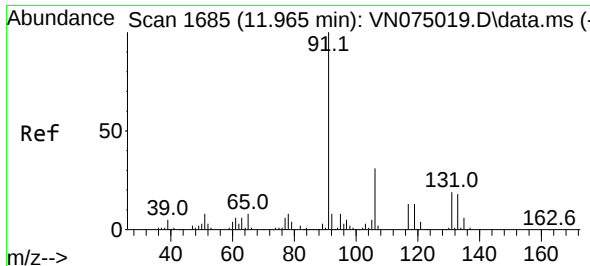
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 57.907 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

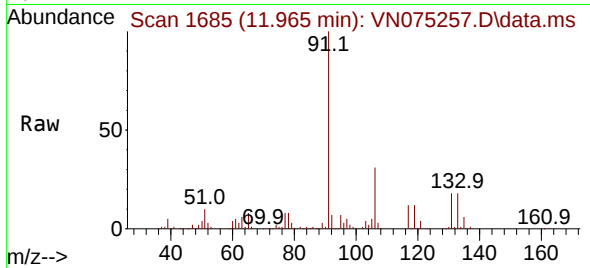
Tgt Ion:131 Resp: 77742
Ion Ratio Lower Upper
131 100
133 96.1 47.8 143.4
119 64.5 33.0 99.0





#67
Ethyl Benzene
Concen: 56.930 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

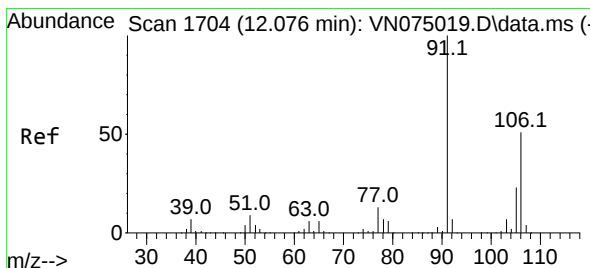
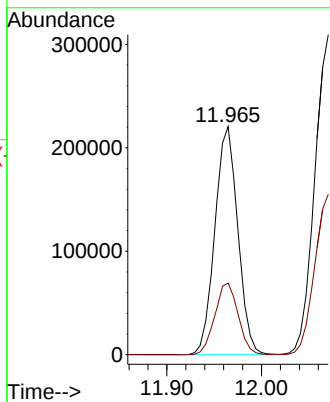
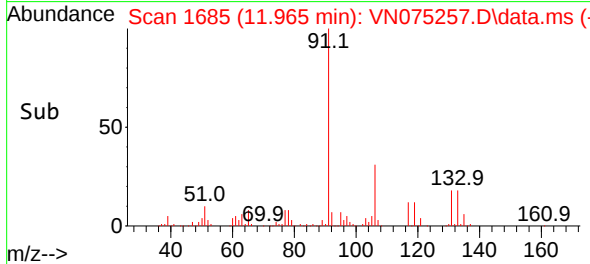
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



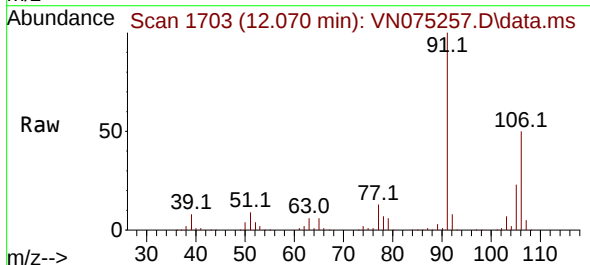
Tgt Ion: 91 Resp: 370685
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

Manual Integrations
APPROVED

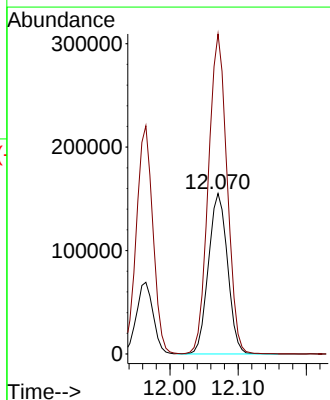
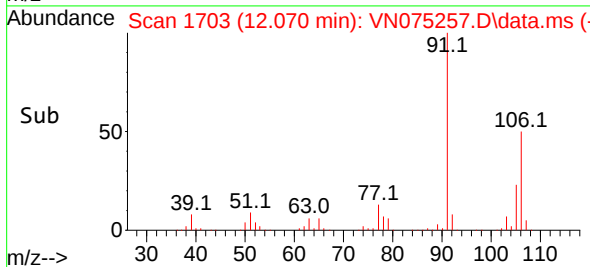
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

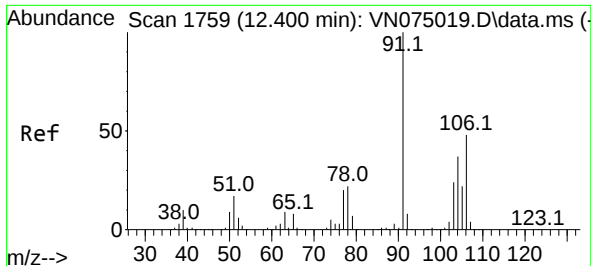


#68
m/p-Xylenes
Concen: 115.781 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12



Tgt Ion:106 Resp: 302494
Ion Ratio Lower Upper
106 100
91 195.4 156.0 234.0





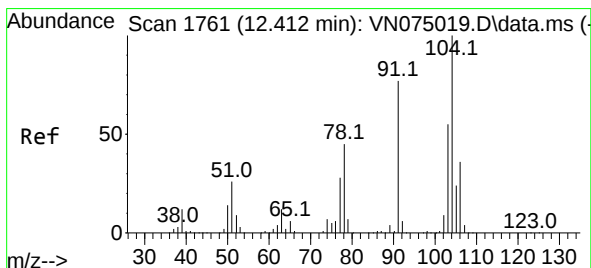
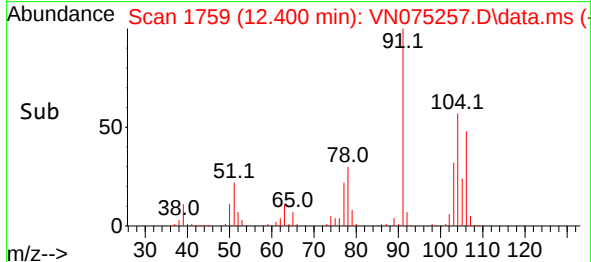
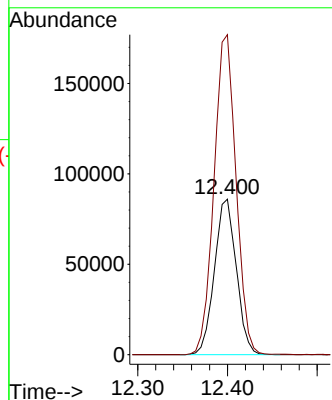
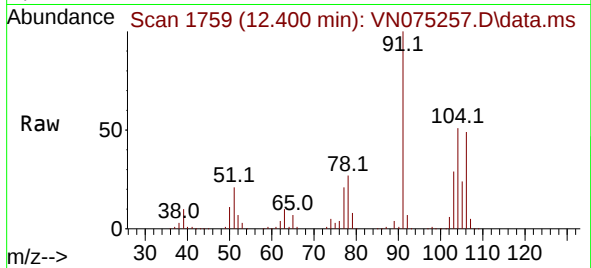
#69
o-Xylene
Concen: 56.379 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 145668
Ion Ratio Lower Upper
106 100
91 207.1 105.2 315.5

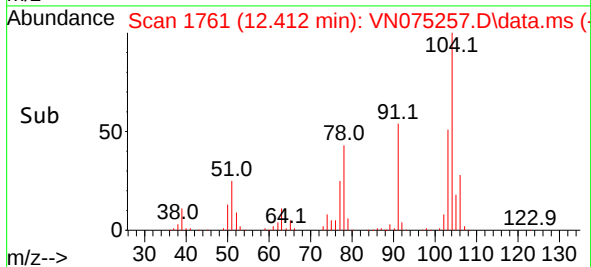
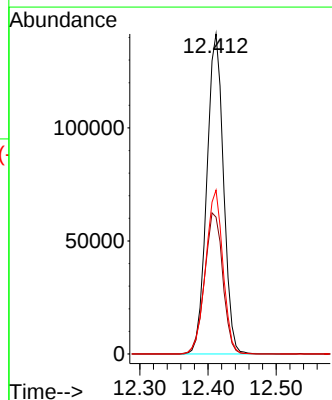
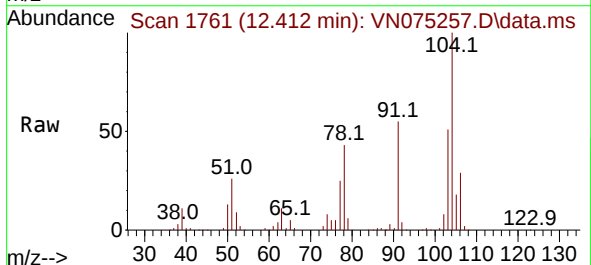
Manual Integrations
APPROVED

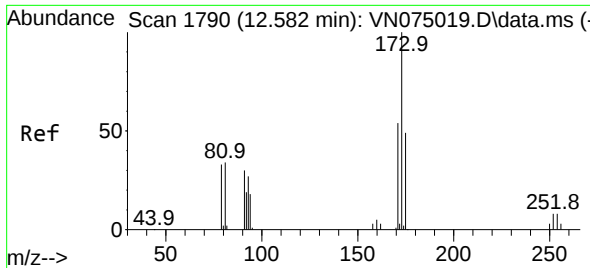
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#70
Styrene
Concen: 58.411 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

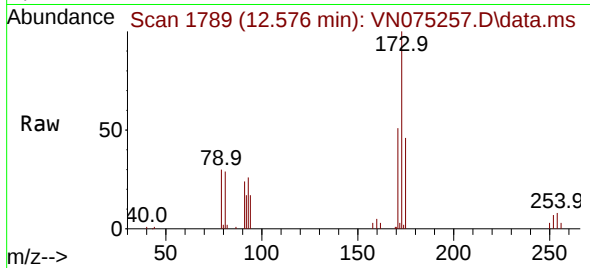
Tgt Ion:104 Resp: 240640
Ion Ratio Lower Upper
104 100
78 48.1 38.1 57.1
103 53.2 44.6 66.8





#71
Bromoform
Concen: 64.784 ug/l
RT: 12.576 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

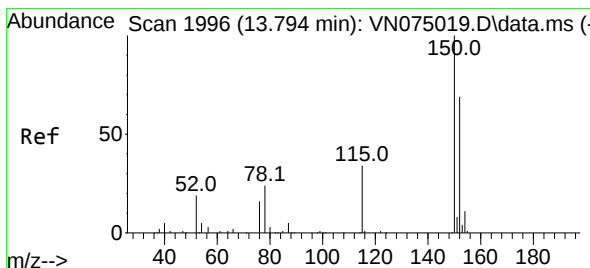
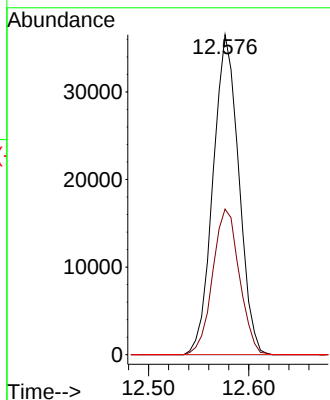
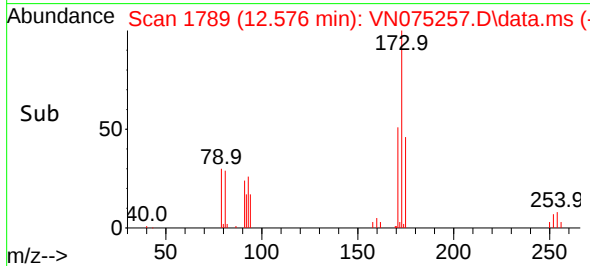
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



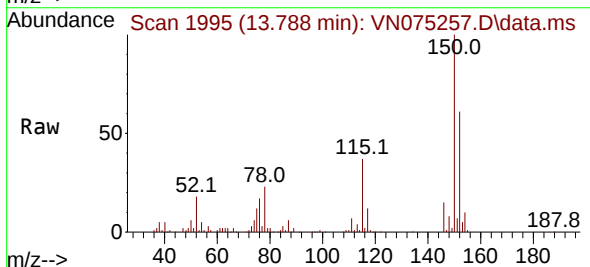
Tgt Ion:173 Resp: 65118
Ion Ratio Lower Upper
173 100
175 47.3 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

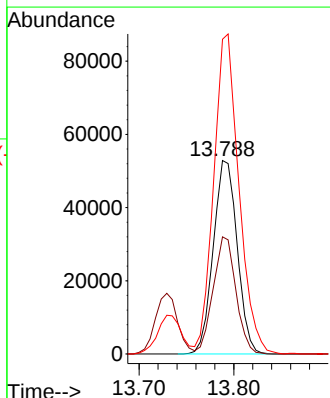
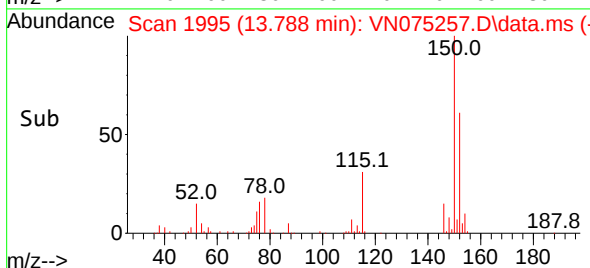
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

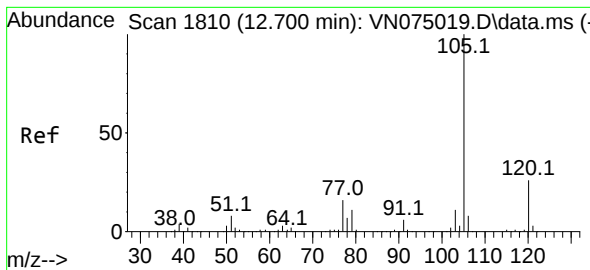


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1995
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12



Tgt Ion:152 Resp: 92762
Ion Ratio Lower Upper
152 100
115 57.6 30.2 90.6
150 174.2 0.0 348.4





#73

Isopropylbenzene

Concen: 51.245 ug/l

RT: 12.694 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN075257.D

Acq: 14 Nov 2022 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 381624

Ion Ratio Lower Upper

105 100

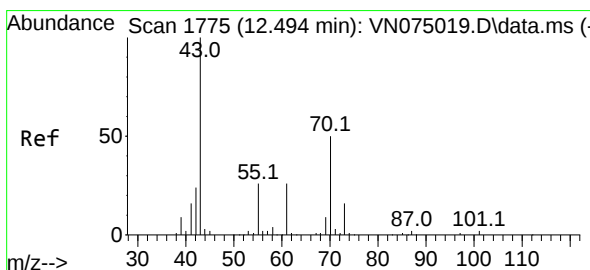
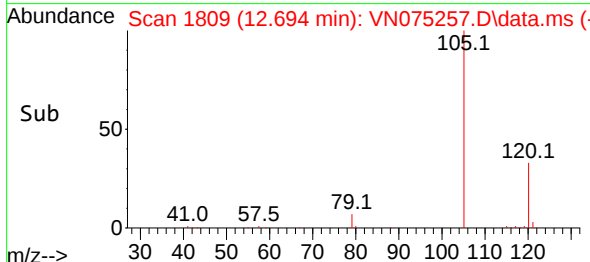
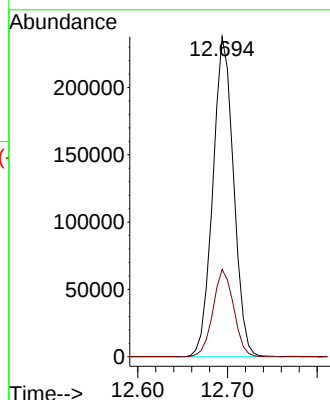
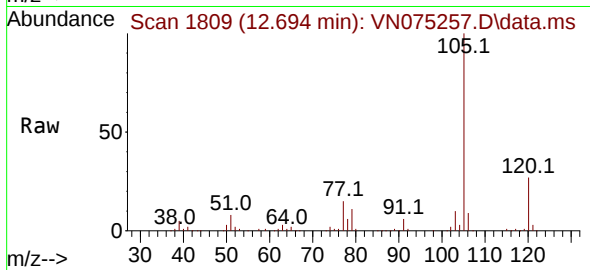
120 27.1 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#74

N-ethyl acetate

Concen: 47.439 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN075257.D

Acq: 14 Nov 2022 11:12

Tgt Ion: 43 Resp: 130661

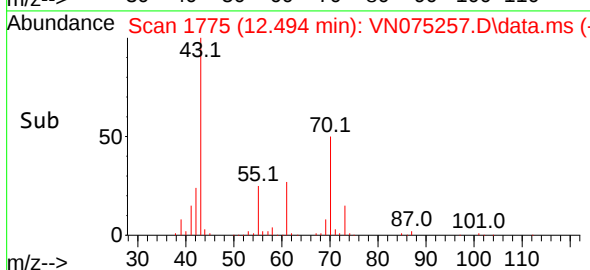
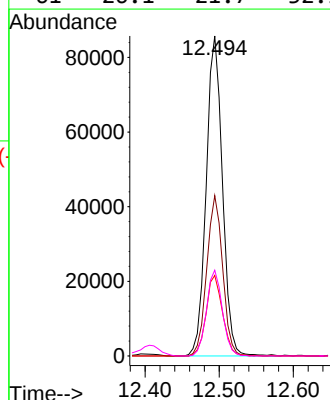
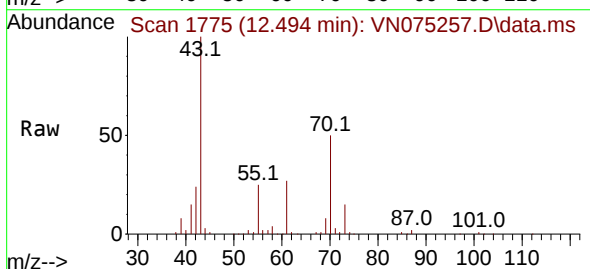
Ion Ratio Lower Upper

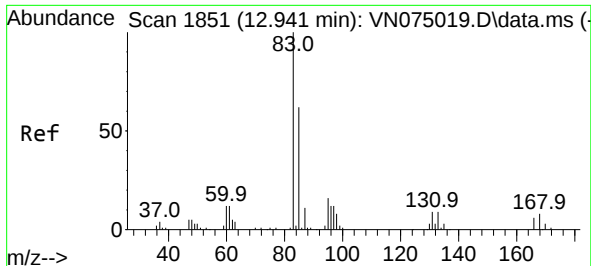
43 100

70 49.0 39.8 59.8

55 25.5 19.9 29.9

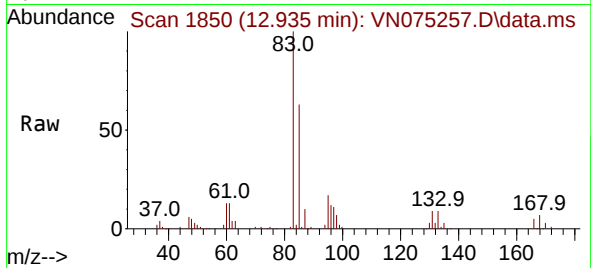
61 26.1 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 54.435 ug/l
RT: 12.935 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

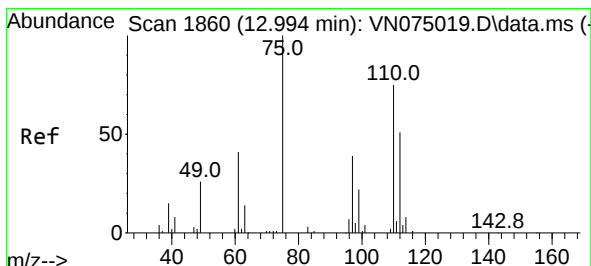
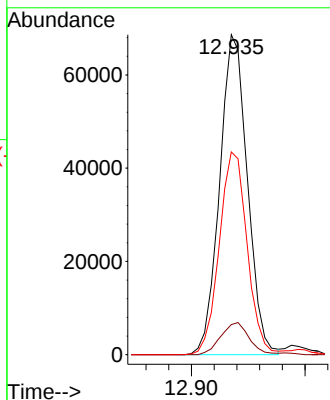
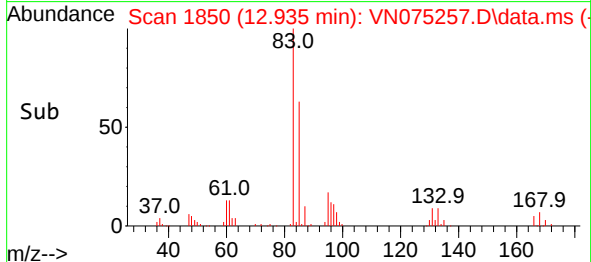
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 11644
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 63.5 31.6 94.7

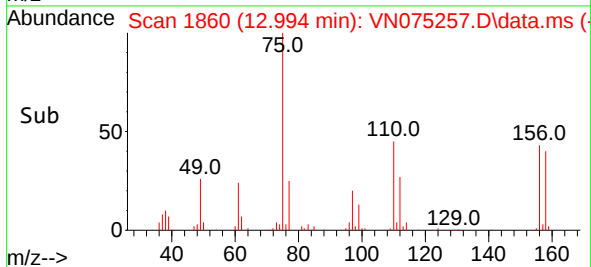
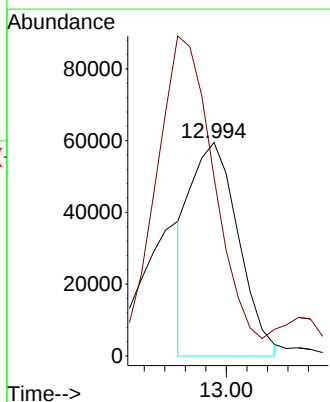
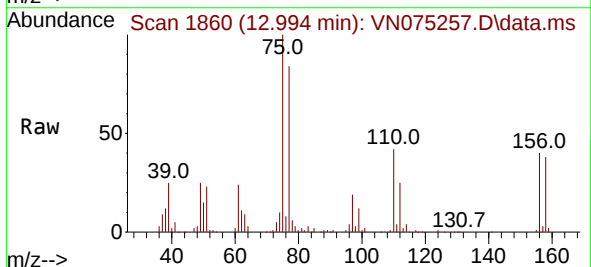
Manual Integrations
APPROVED

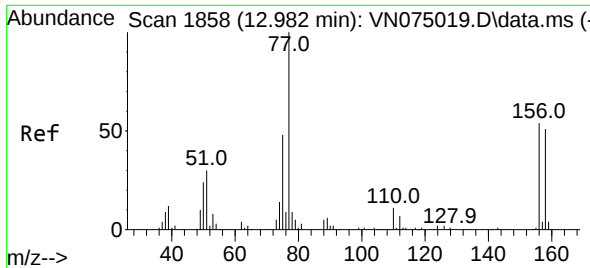
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#76
1,2,3-Trichloropropane
Concen: 49.146 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

Tgt Ion: 75 Resp: 96797
Ion Ratio Lower Upper
75 100
77 184.3 75.6 226.8





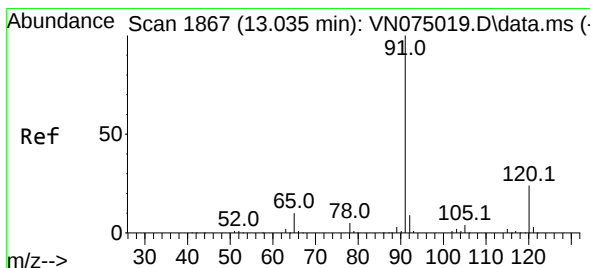
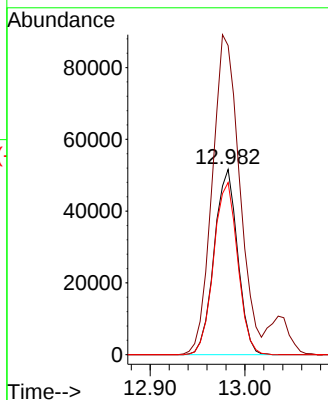
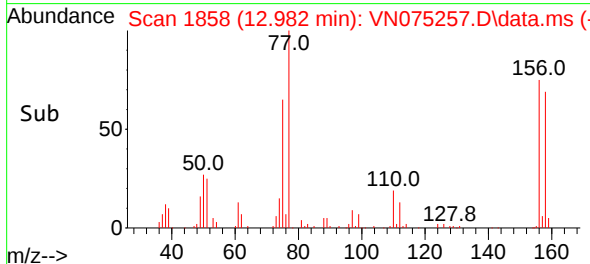
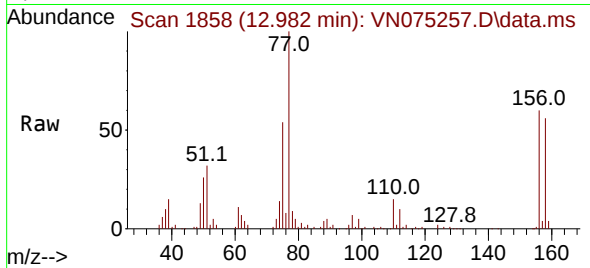
#77
Bromobenzene
Concen: 54.226 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 88918
Ion Ratio Lower Upper
156 100
77 200.6 108.5 325.5
158 95.1 47.7 143.1

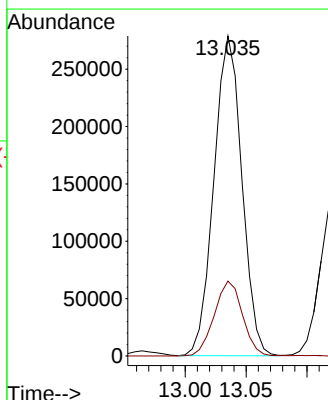
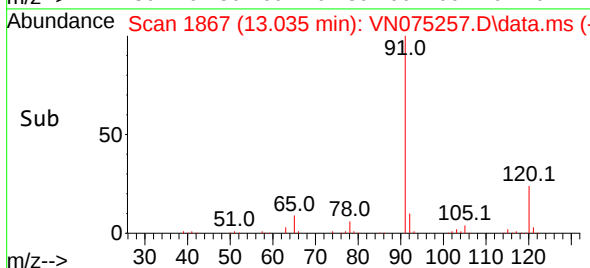
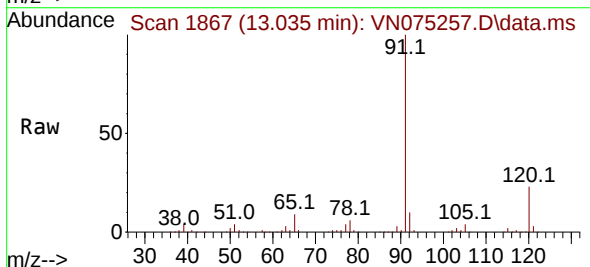
Manual Integrations
APPROVED

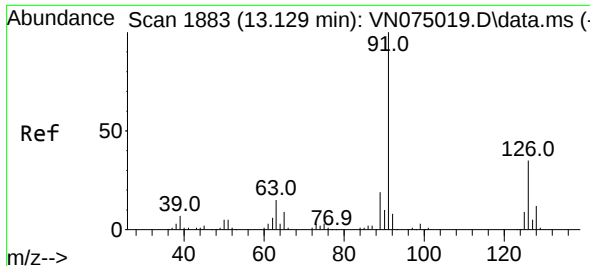
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#78
n-propylbenzene
Concen: 53.249 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

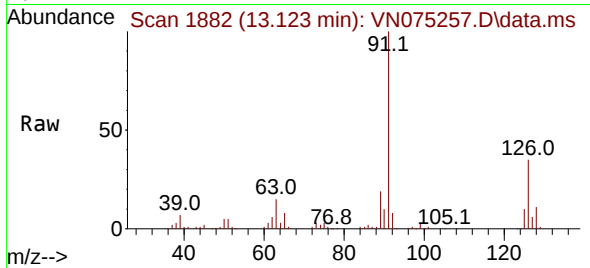
Tgt Ion: 91 Resp: 445220
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.5





#79
2-Chlorotoluene
Concen: 51.651 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

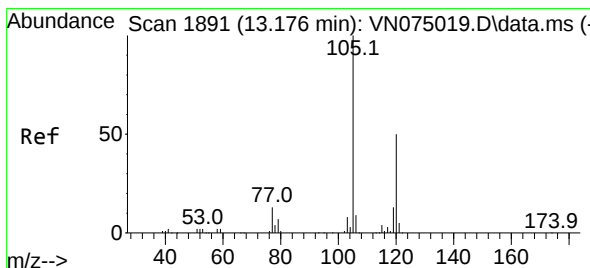
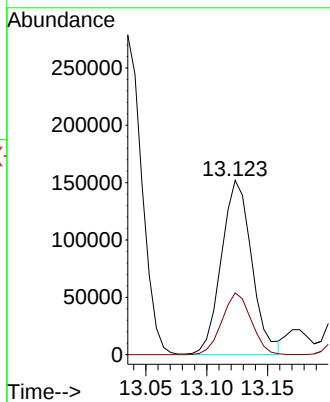
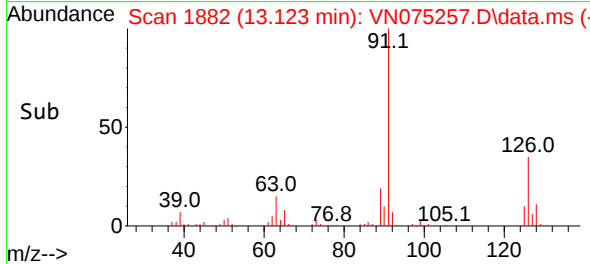
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



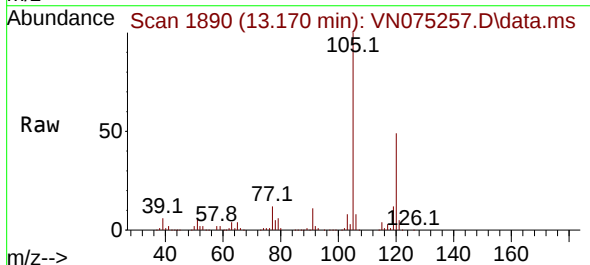
Tgt Ion: 91 Resp: 26389
Ion Ratio Lower Upper
91 100
126 34.0 16.9 50.7

Manual Integrations
APPROVED

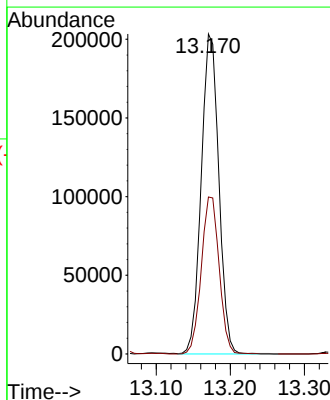
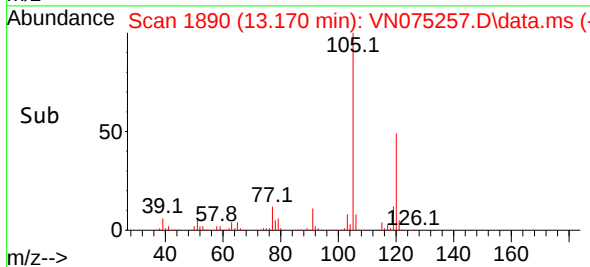
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

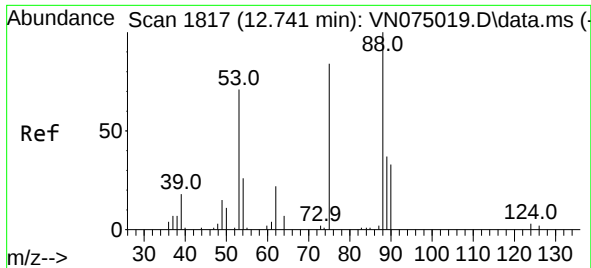


#80
1,3,5-Trimethylbenzene
Concen: 53.519 ug/l
RT: 13.170 min Scan# 1890
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12



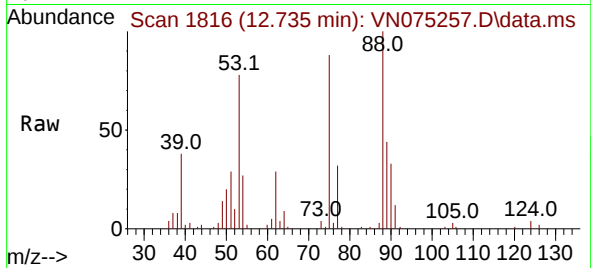
Tgt Ion:105 Resp: 334755
Ion Ratio Lower Upper
105 100
120 49.9 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 52.127 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

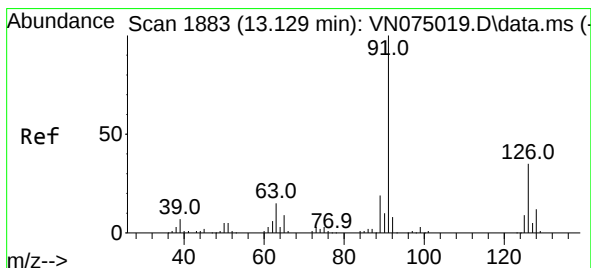
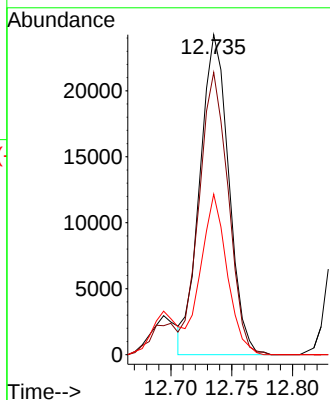
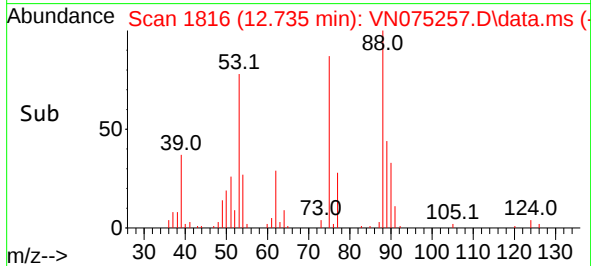
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 39990
Ion Ratio Lower Upper
75 100
53 88.8 78.5 117.7
89 45.0 37.7 56.5

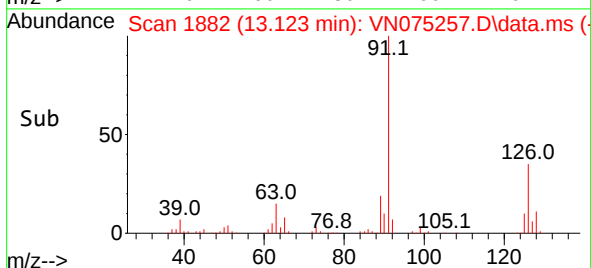
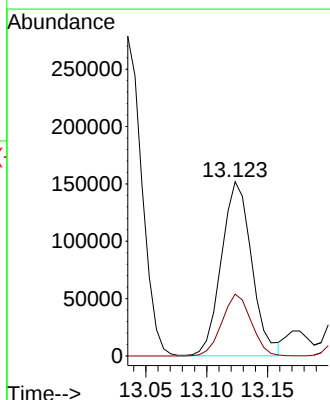
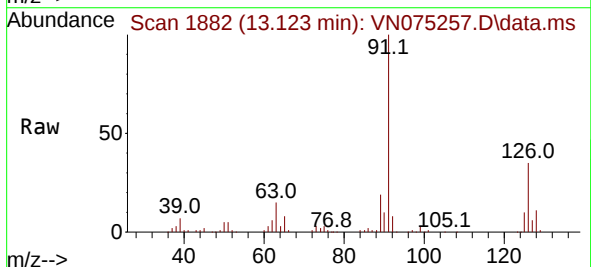
Manual Integrations
APPROVED

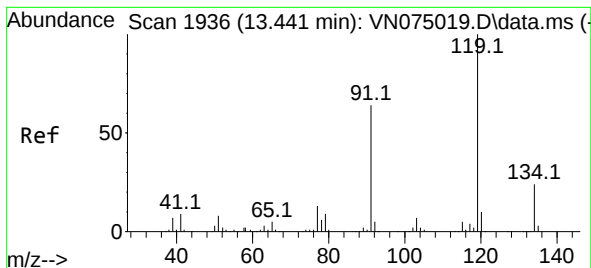
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#82
4-Chlorotoluene
Concen: 51.651 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

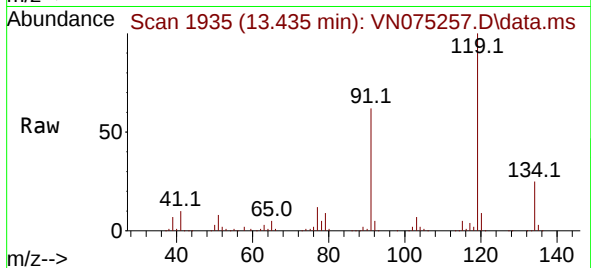
Tgt Ion: 91 Resp: 263899
Ion Ratio Lower Upper
91 100
126 34.0 16.9 50.7





#83
tert-Butylbenzene
Concen: 53.239 ug/l
RT: 13.435 min Scan# 1935
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

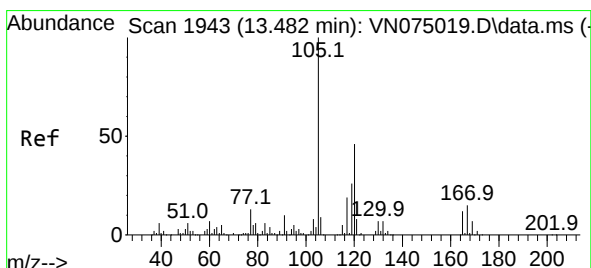
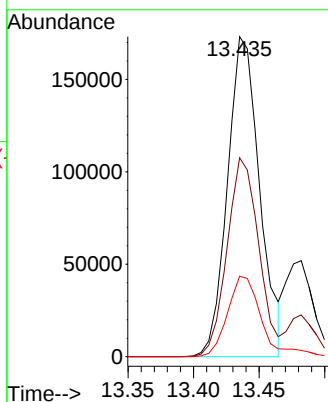
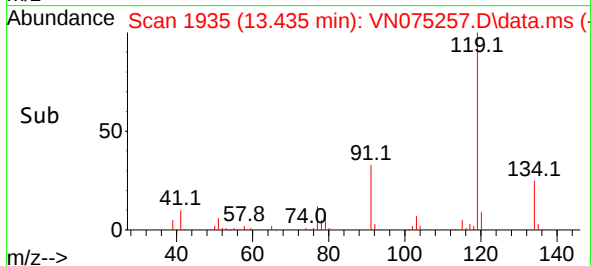
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



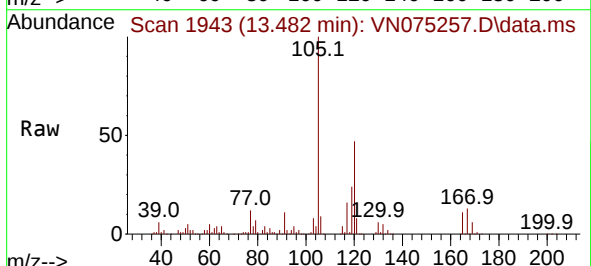
Tgt Ion:119 Resp: 295899
Ion Ratio Lower Upper
119 100
91 61.2 32.8 98.4
134 26.5 12.3 36.9

Manual Integrations
APPROVED

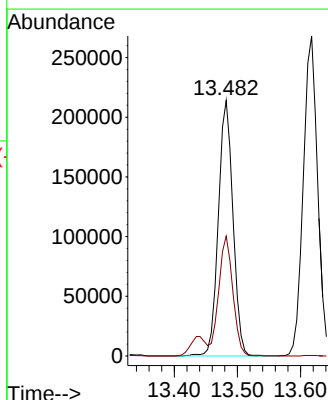
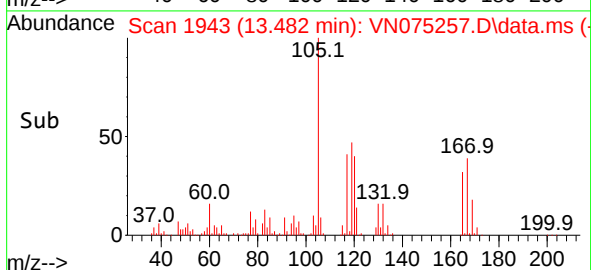
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

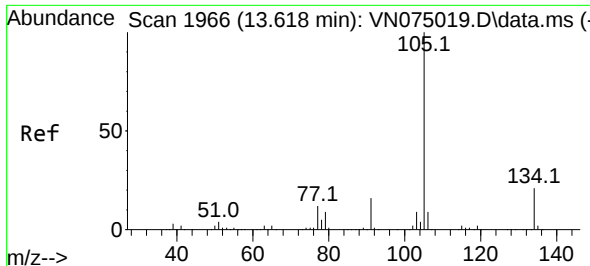


#84
1,2,4-Trimethylbenzene
Concen: 54.293 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12



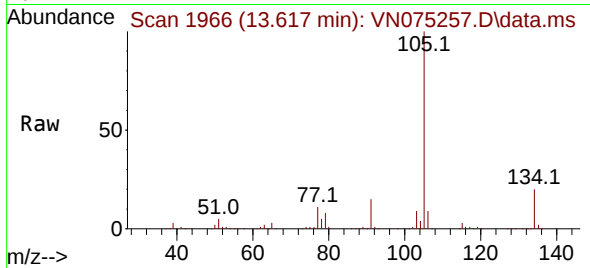
Tgt Ion:105 Resp: 343598
Ion Ratio Lower Upper
105 100
120 45.4 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 54.317 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075257.D
 Acq: 14 Nov 2022 11:12

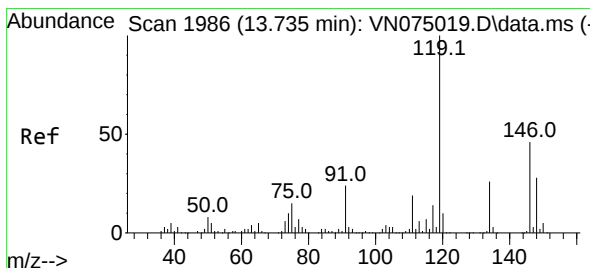
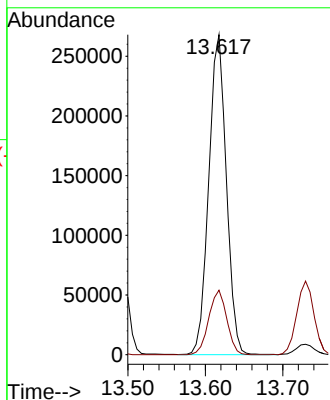
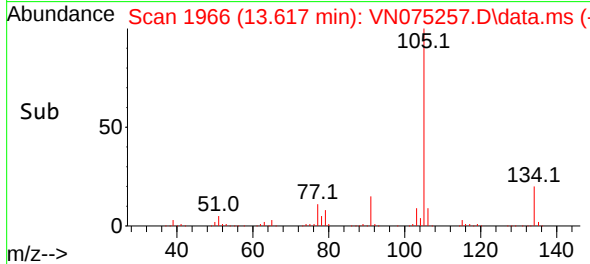
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



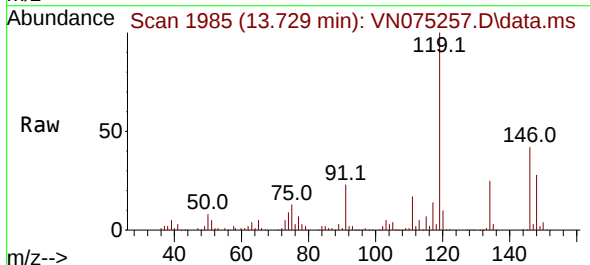
Tgt Ion:105 Resp: 422320
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6

Manual Integrations
 APPROVED

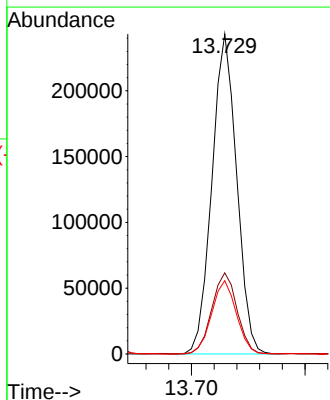
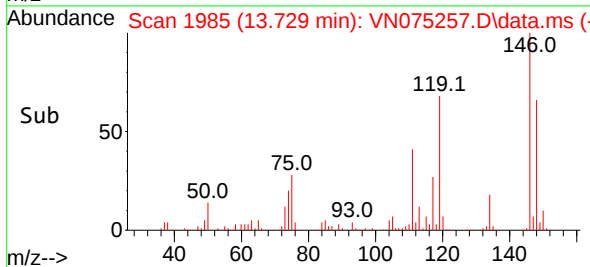
Reviewed By :John Carlone 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022

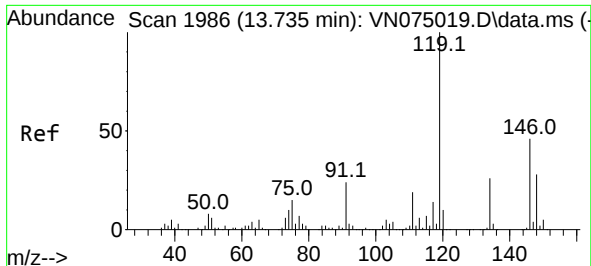


#86
 p-Isopropyltoluene
 Concen: 57.293 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075257.D
 Acq: 14 Nov 2022 11:12



Tgt Ion:119 Resp: 367893
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.3
 91 23.0 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 56.722 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075257.D

Acq: 14 Nov 2022 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 182109

Ion Ratio Lower Upper

146 100

111 39.4 20.8 62.5

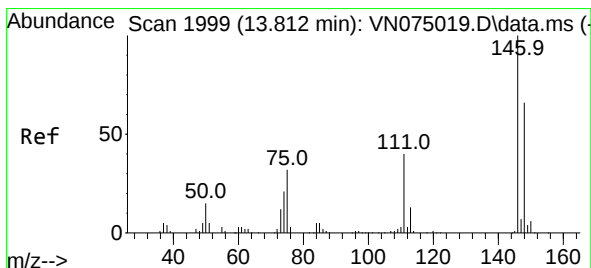
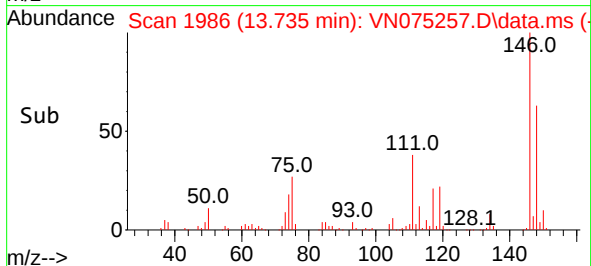
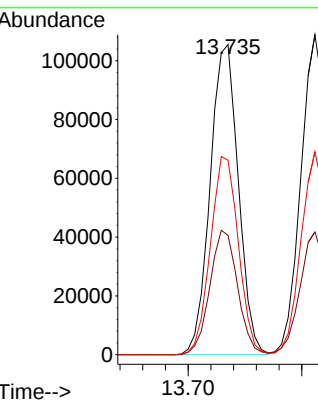
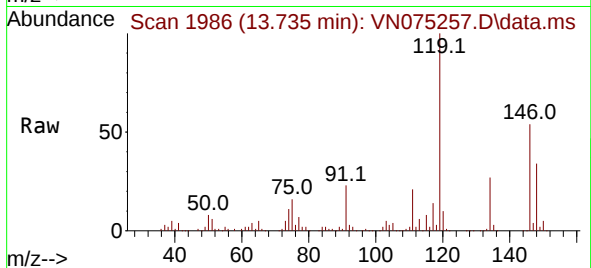
148 63.3 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2022

Supervised By :Mahesh Dadoda 11/15/2022



#88

1,4-Dichlorobenzene

Concen: 56.947 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN075257.D

Acq: 14 Nov 2022 11:12

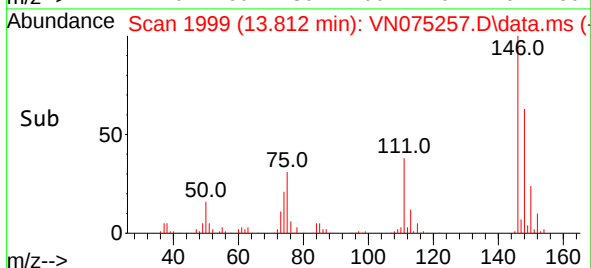
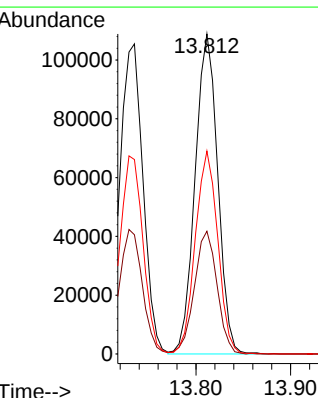
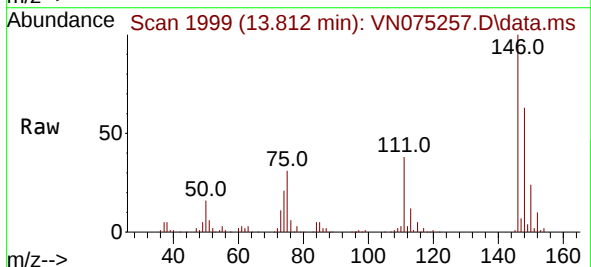
Tgt Ion:146 Resp: 180946

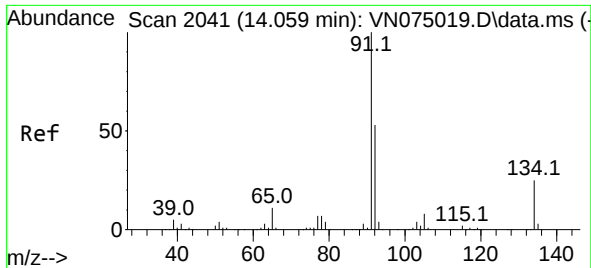
Ion Ratio Lower Upper

146 100

111 38.6 20.1 60.3

148 63.0 31.9 95.7





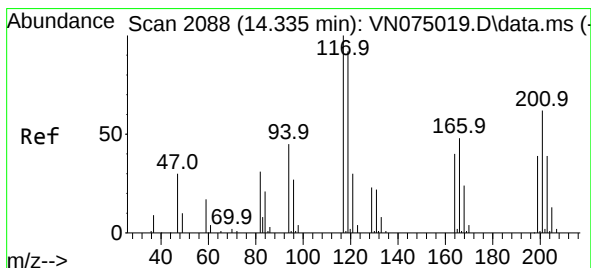
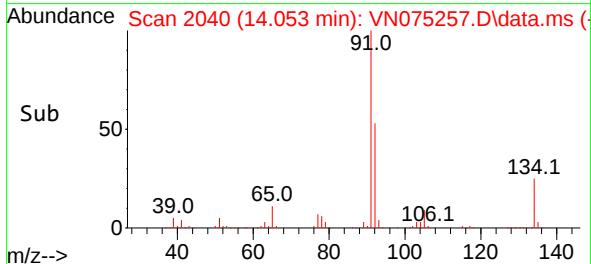
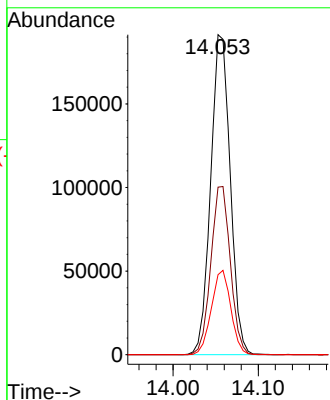
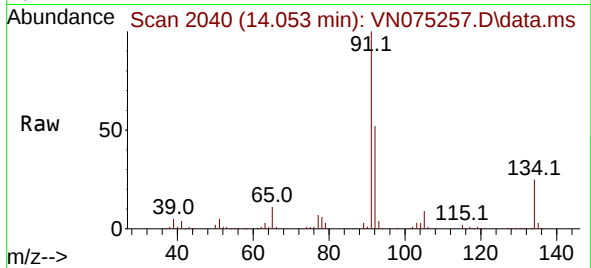
#89
n-Butylbenzene
Concen: 58.971 ug/l
RT: 14.053 min Scan# 2041
Delta R.T. -0.006 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 30493
Ion Ratio Lower Upper
91 100
92 52.5 26.5 79.4
134 26.2 13.0 39.0

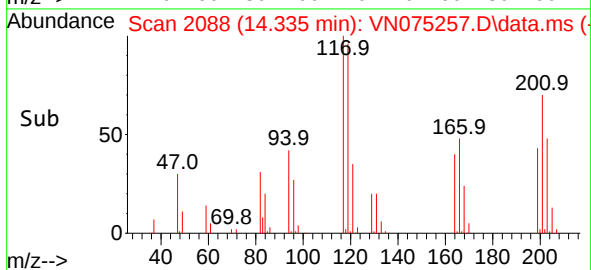
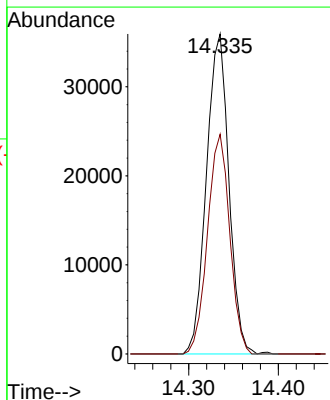
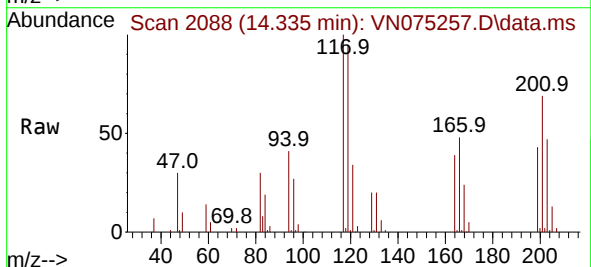
Manual Integrations
APPROVED

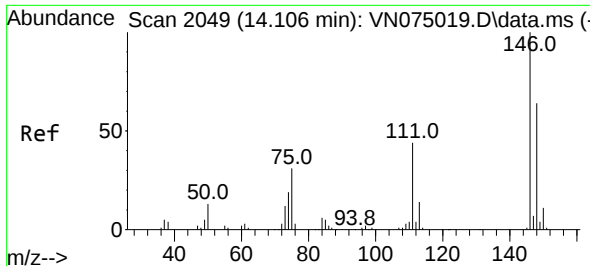
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#90
Hexachloroethane
Concen: 52.979 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

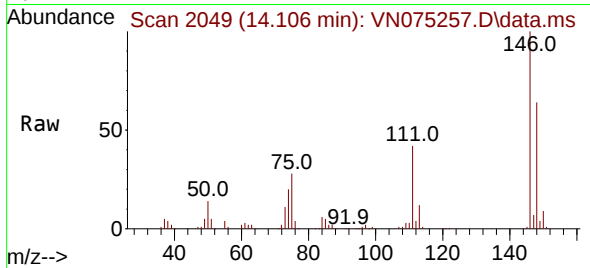
Tgt Ion:117 Resp: 62373
Ion Ratio Lower Upper
117 100
201 68.0 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 56.278 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

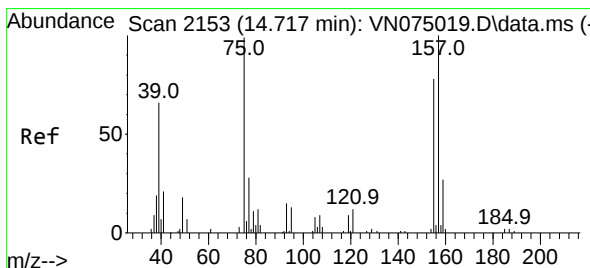
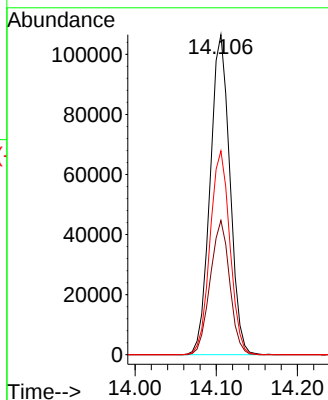
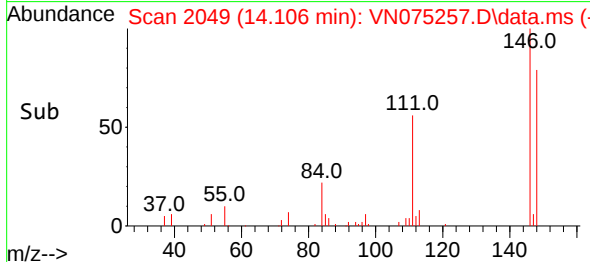
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



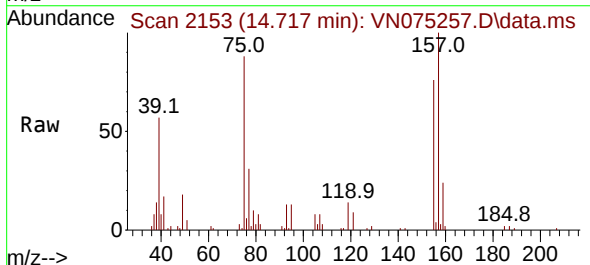
Tgt Ion:146 Resp: 17962
Ion Ratio Lower Upper
146 100
111 41.4 21.3 63.9
148 64.1 31.4 94.2

Manual Integrations
APPROVED

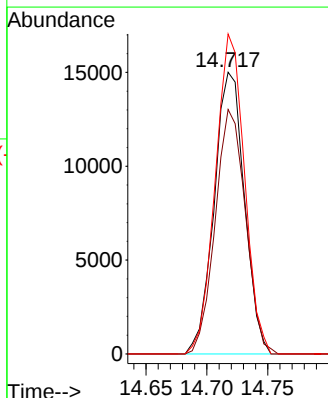
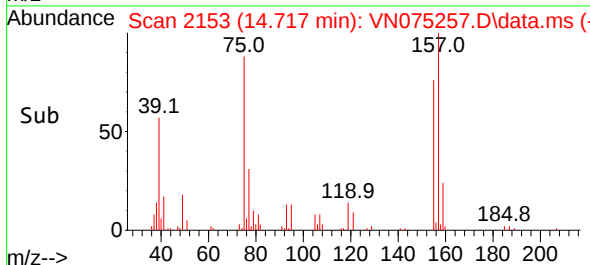
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

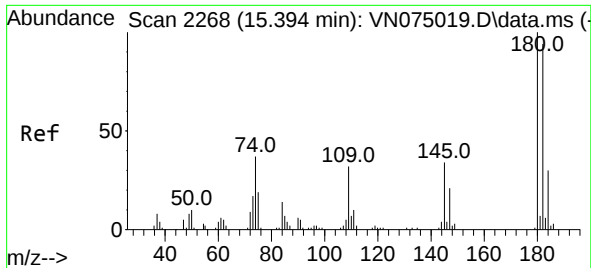


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.725 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. 0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12



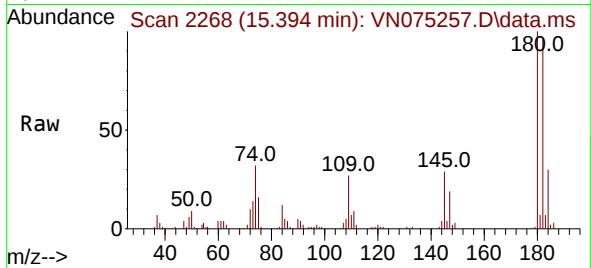
Tgt Ion: 75 Resp: 25983
Ion Ratio Lower Upper
75 100
155 86.5 42.1 126.3
157 109.3 51.7 155.1





#93
1,2,4-Trichlorobenzene
Concen: 65.055 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

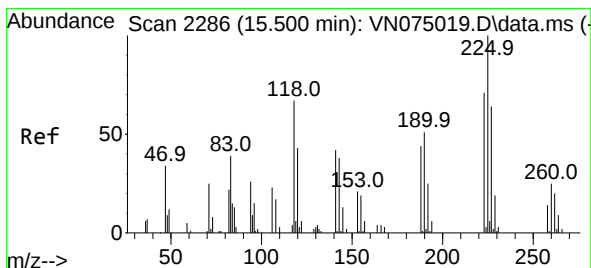
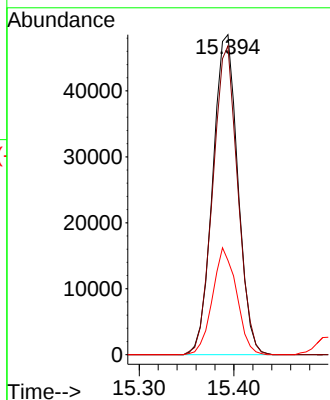
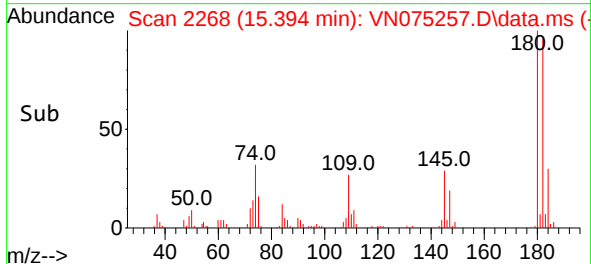
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



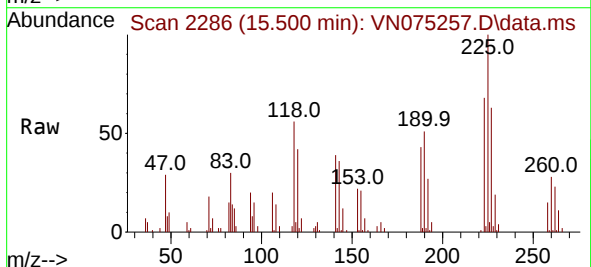
Tgt Ion:180 Resp: 89352
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.4
145 32.1 16.8 50.3

Manual Integrations
APPROVED

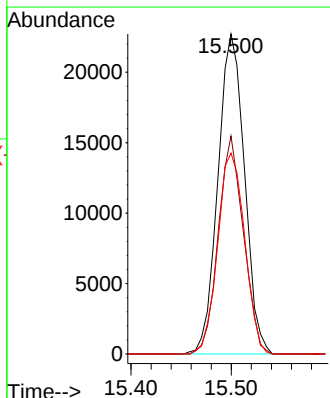
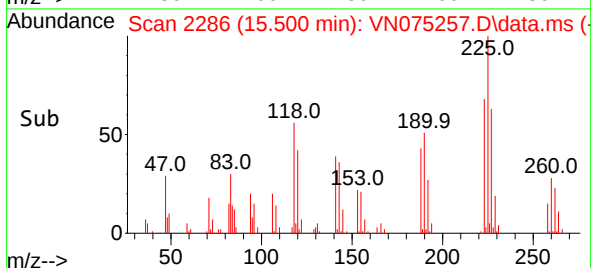
Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

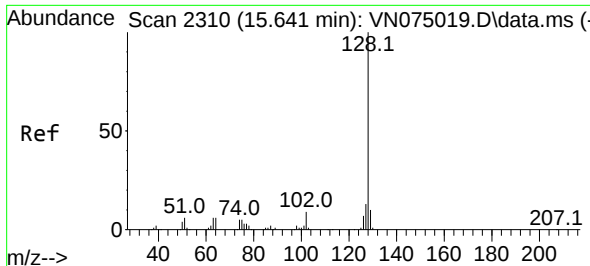


#94
Hexachlorobutadiene
Concen: 62.340 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12



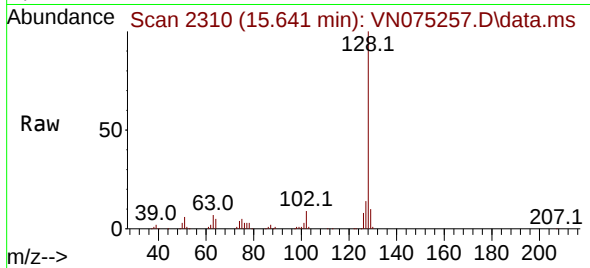
Tgt Ion:225 Resp: 41741
Ion Ratio Lower Upper
225 100
223 64.4 32.3 96.9
227 63.7 32.0 96.2





#95
Naphthalene
Concen: 57.515 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12

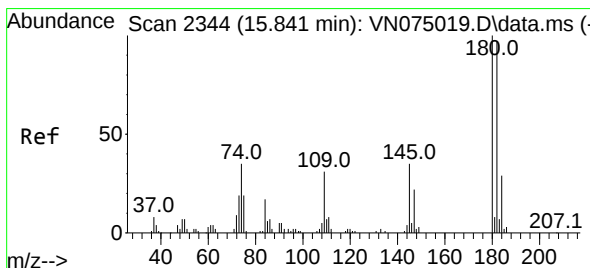
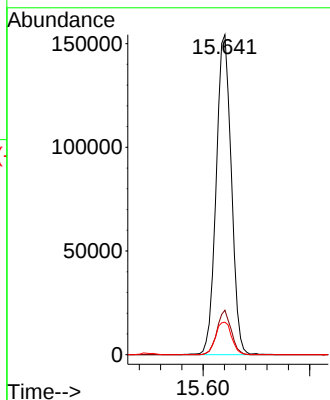
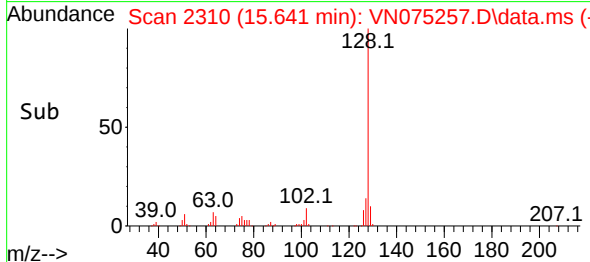
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



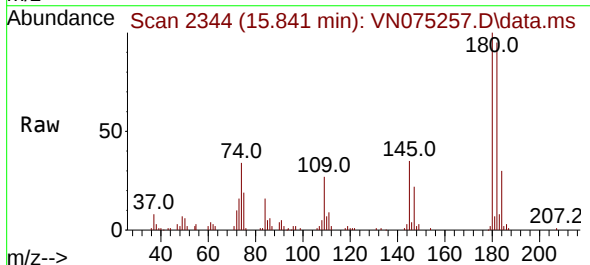
Tgt Ion:128 Resp: 303784
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 62.893 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075257.D
Acq: 14 Nov 2022 11:12



Tgt Ion:180 Resp: 85830
Ion Ratio Lower Upper
180 100
182 95.4 47.3 141.8
145 34.1 17.6 52.9

