

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102622\
 Data File : VN075019.D
 Acq On : 26 Oct 2022 12:13
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 06:08:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 06:06:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	108866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	205126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	195235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	69934	47.677	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.360%		
35) Dibromofluoromethane	8.171	113	58253	48.375	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.760%		
50) Toluene-d8	10.571	98	229652	49.156	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.320%		
62) 4-Bromofluorobenzene	12.853	95	84848	51.700	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	68949	48.685	ug/l	100
3) Chloromethane	2.371	50	71676	47.648	ug/l	100
4) Vinyl Chloride	2.524	62	106030	49.408	ug/l	100
5) Bromomethane	2.918	94	84803	48.218	ug/l	100
6) Chloroethane	3.095	64	73252	47.602	ug/l	100
7) Trichlorofluoromethane	3.489	101	106827	48.730	ug/l	100
8) Diethyl Ether	3.971	74	39284	49.130	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	58651	48.445	ug/l	100
10) Methyl Iodide	4.595	142	85131	47.233	ug/l	100
11) Tert butyl alcohol	5.542	59	77724	227.215	ug/l	100
12) 1,1-Dichloroethene	4.348	96	55907	48.446	ug/l	100
13) Acrolein	4.189	56	66574	237.937	ug/l	100
14) Allyl chloride	5.024	41	84654	50.227	ug/l	100
15) Acrylonitrile	5.730	53	174359	241.293	ug/l	100
16) Acetone	4.442	43	143218	230.589	ug/l	100
17) Carbon Disulfide	4.718	76	143567	49.471	ug/l	100
18) Methyl Acetate	5.042	43	97285	47.952	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	211133	49.225	ug/l	100
20) Methylene Chloride	5.283	84	65702	47.444	ug/l	100
21) trans-1,2-Dichloroethene	5.800	96	60870	48.175	ug/l	100
22) Diisopropyl ether	6.683	45	184039	49.480	ug/l	100
23) Vinyl Acetate	6.612	43	778587m	269.486	ug/l	
24) 1,1-Dichloroethane	6.577	63	113901	48.419	ug/l	100
25) 2-Butanone	7.494	43	233003	238.507	ug/l	100
26) 2,2-Dichloropropane	7.500	77	105327	48.670	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	73710	48.850	ug/l	100
28) Bromochloromethane	7.818	49	49229	49.644	ug/l	100
29) Tetrahydrofuran	7.847	42	155381	246.137	ug/l	100
30) Chloroform	7.971	83	125645	49.194	ug/l	100
31) Cyclohexane	8.259	56	105015	48.137	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	115610	49.845	ug/l	100
36) 1,1-Dichloropropene	8.377	75	92176	49.443	ug/l	100
37) Ethyl Acetate	7.571	43	95023	46.476	ug/l	100
38) Carbon Tetrachloride	8.371	117	103191	50.319	ug/l	100
39) Methylcyclohexane	9.606	83	122522	49.782	ug/l	100
40) Benzene	8.612	78	280058	49.062	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	48352	49.362	ug/l	100
42) 1,2-Dichloroethane	8.677	62	101413	48.832	ug/l	100
43) Isopropyl Acetate	8.694	43	156471	49.339	ug/l	100
44) Trichloroethene	9.353	130	68572	47.882	ug/l	100
45) 1,2-Dichloropropane	9.624	63	68275	50.260	ug/l	100
46) Dibromomethane	9.712	93	51069	48.253	ug/l	100
47) Bromodichloromethane	9.894	83	100345	48.960	ug/l	100
48) Methyl methacrylate	9.682	41	69180	47.555	ug/l	100
49) 1,4-Dioxane	9.700	88	35606	934.681	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	497481	243.090	ug/l	100
52) Toluene	10.635	92	196733	51.558	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	112621	52.060	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	116545	50.794	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	75796	50.097	ug/l	100
56) Ethyl methacrylate	10.877	69	118630	51.402	ug/l	100
57) 1,3-Dichloropropane	11.165	76	125208	49.693	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	233946	262.207	ug/l	100
59) 2-Hexanone	11.200	43	379107	244.079	ug/l	100
60) Dibromochloromethane	11.359	129	82642	51.772	ug/l	100
61) 1,2-Dibromoethane	11.471	107	79714	51.411	ug/l	100
64) Tetrachloroethene	11.106	164	56882	47.522	ug/l	100
65) Chlorobenzene	11.894	112	203025	48.718	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	76548	49.517	ug/l	100
67) Ethyl Benzene	11.965	91	378069	50.425	ug/l	100
68) m/p-Xylenes	12.076	106	311785	103.638	ug/l	100
69) o-Xylene	12.400	106	150027	50.427	ug/l	100
70) Styrene	12.412	104	245894	51.834	ug/l	100
71) Bromoform	12.582	173	58731	50.743	ug/l #	100
73) Isopropylbenzene	12.700	105	396794	48.049	ug/l	100
74) N-amyl acetate	12.494	43	142643	46.703	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	123323	45.781	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	109188m	44.867	ug/l	
77) Bromobenzene	12.982	156	85240	46.878	ug/l	100
78) n-propylbenzene	13.035	91	452346	48.788	ug/l	100
79) 2-Chlorotoluene	13.129	91	272537	48.103	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	342393	49.364	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	41507	48.784	ug/l	100
82) 4-Chlorotoluene	13.129	91	272537	48.103	ug/l	100
83) tert-Butylbenzene	13.441	119	299435	48.585	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	346665	49.398	ug/l	100
85) sec-Butylbenzene	13.618	105	428079	49.651	ug/l	100
86) p-Isopropyltoluene	13.735	119	360614	50.645	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	174256	48.945	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	171463	48.663	ug/l	100
89) n-Butylbenzene	14.059	91	295417	51.521	ug/l	100
90) Hexachloroethane	14.335	117	64488	49.396	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	172614	48.769	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26860	48.220	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	77868	51.126	ug/l	100
94) Hexachlorobutadiene	15.500	225	34788	46.853	ug/l	100
95) Naphthalene	15.641	128	300489	51.304	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	75612	49.965	ug/l	100

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

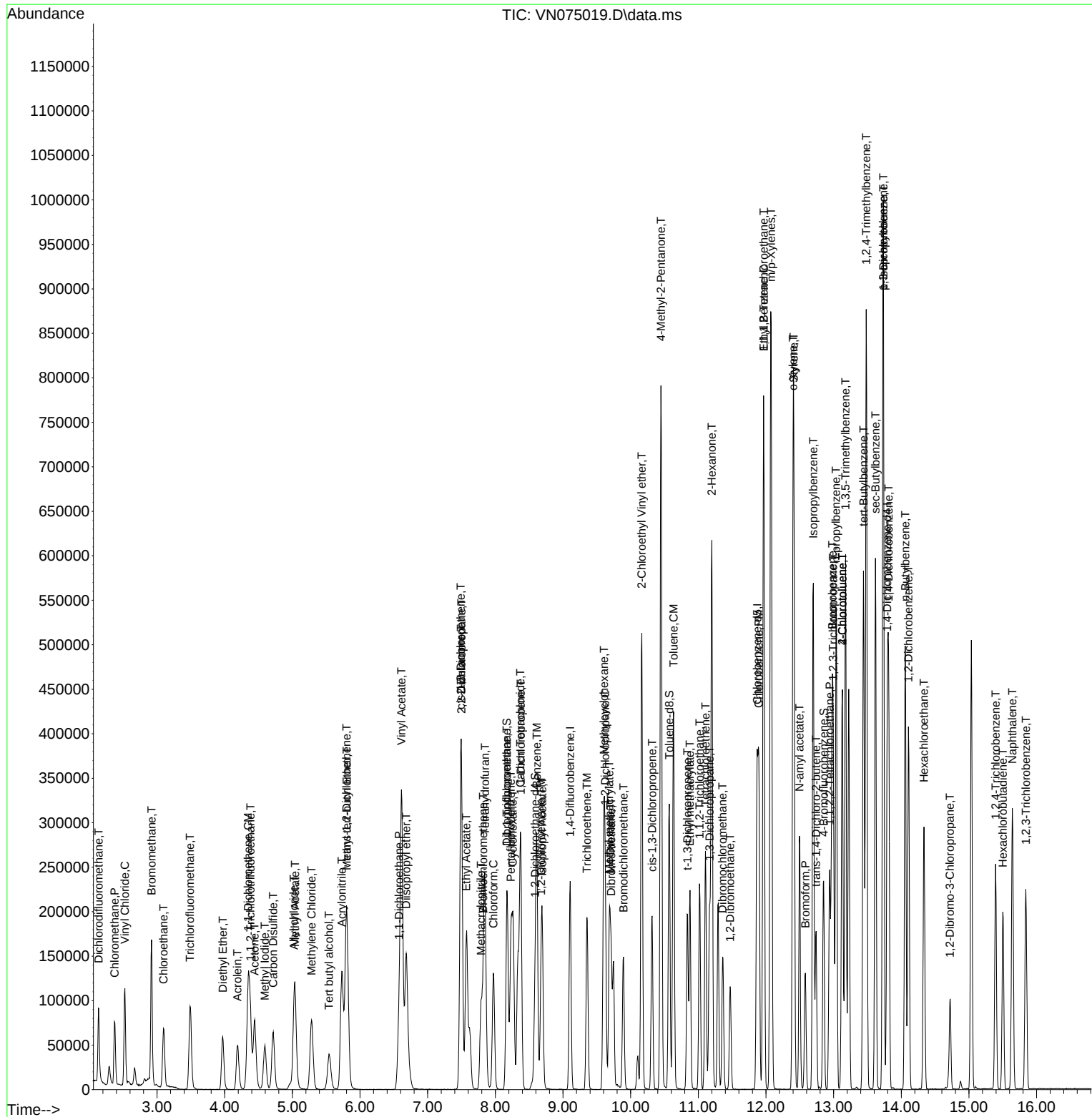
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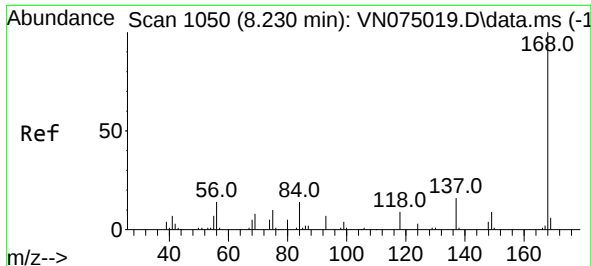
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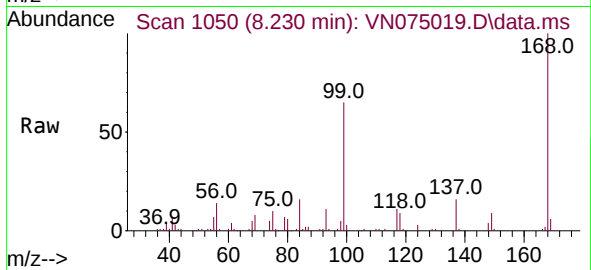
Reviewed By :John Carlone 10/27/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075019.D
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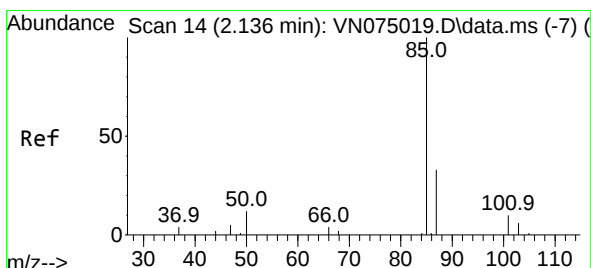
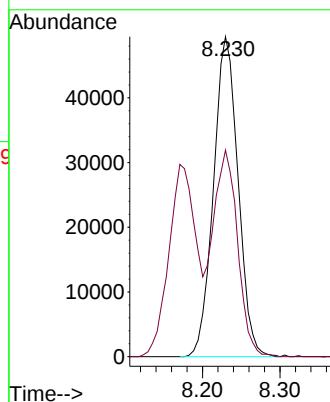
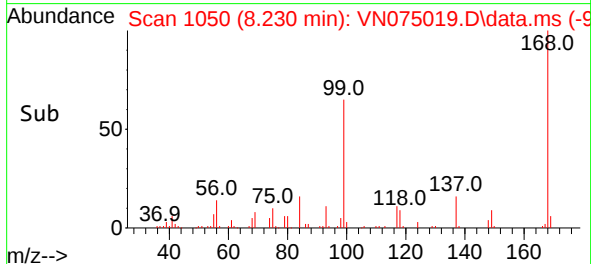
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Tgt Ion:168 Resp: 108860
Ion Ratio Lower Upper
168 100
99 64.5 51.6 77.4

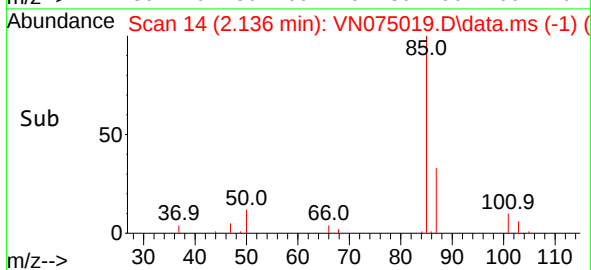
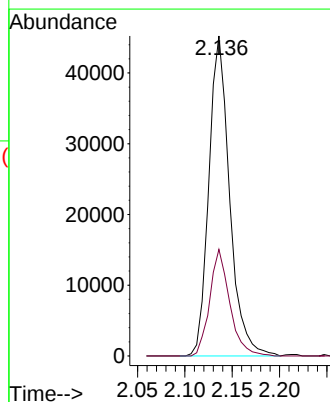
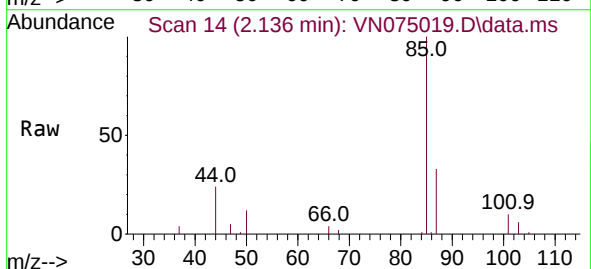
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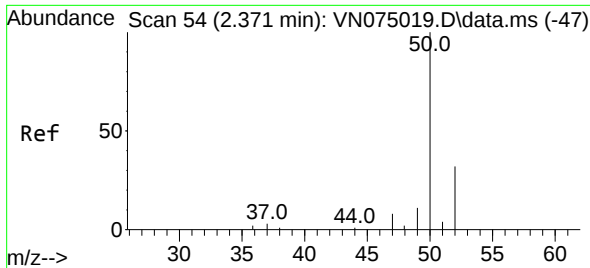
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#2
Dichlorodifluoromethane
Concen: 48.685 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

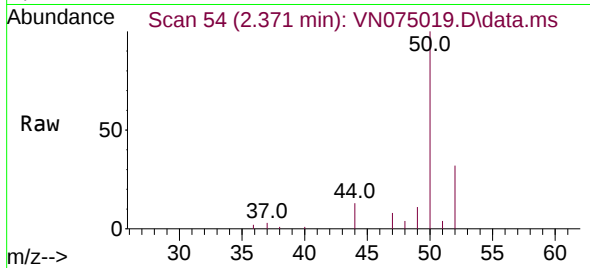
Tgt Ion: 85 Resp: 68949
Ion Ratio Lower Upper
85 100
87 33.3 16.7 50.0





#3
Chloromethane
Concen: 47.648 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

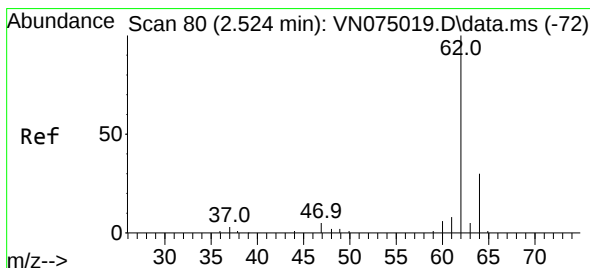
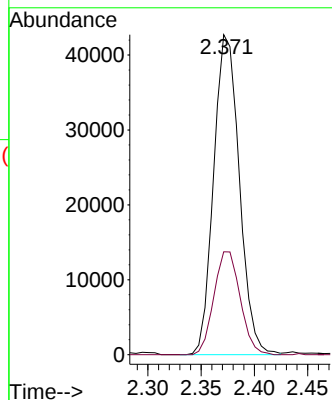
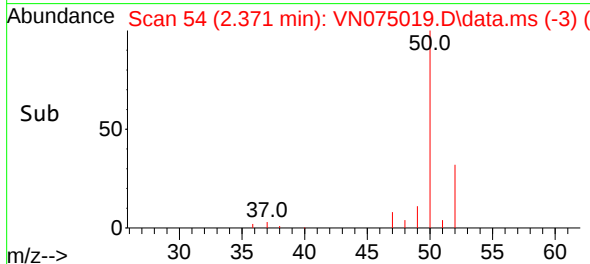
Instrument :
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Tgt Ion: 50 Resp: 71670
Ion Ratio Lower Upper
50 100
52 32.2 25.8 38.6

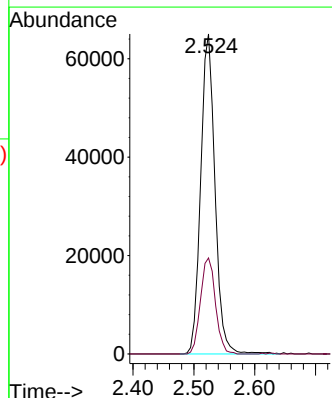
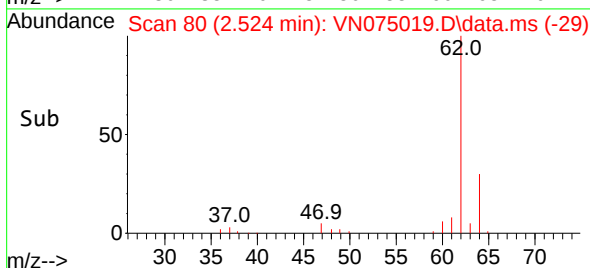
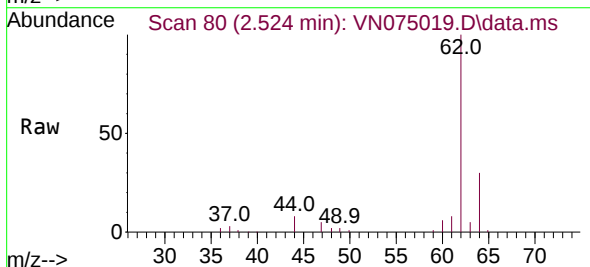
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#4
Vinyl Chloride
Concen: 49.408 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

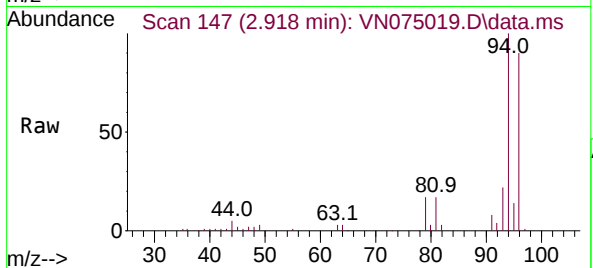
Tgt Ion: 62 Resp: 106030
Ion Ratio Lower Upper
62 100
64 30.0 24.0 36.0





#5
Bromomethane
Concen: 48.218 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

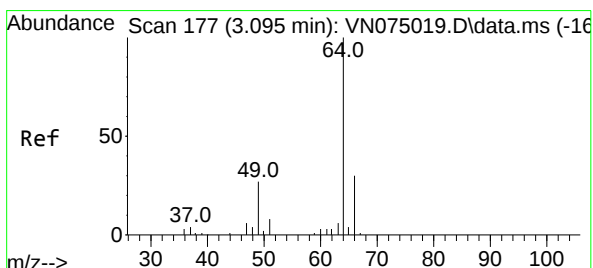
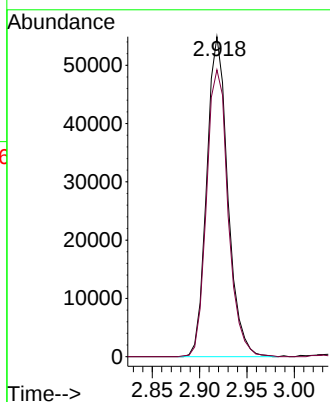
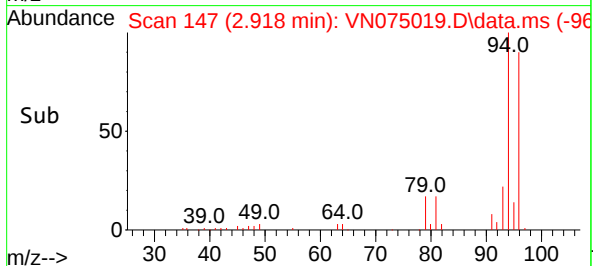
Instrument :
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Tgt Ion: 94 Resp: 8480
Ion Ratio Lower Upper
94 100
96 89.7 71.8 107.6

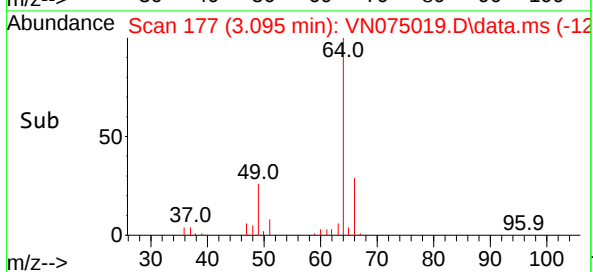
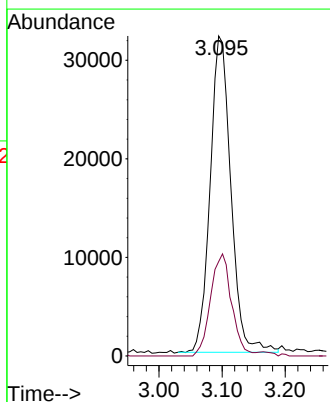
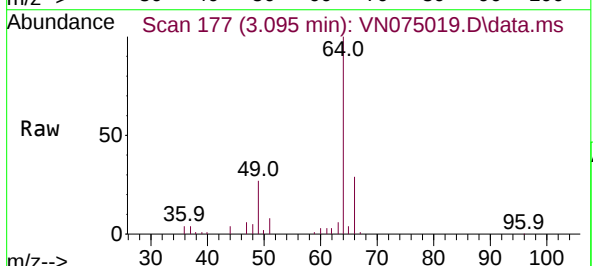
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#6
Chloroethane
Concen: 47.602 ug/l
RT: 3.095 min Scan# 177
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

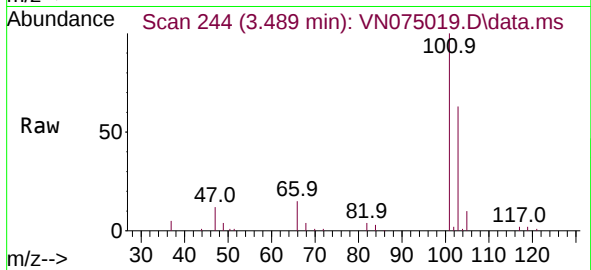
Tgt Ion: 64 Resp: 73252
Ion Ratio Lower Upper
64 100
66 29.8 23.8 35.8





#7
 Trichlorofluoromethane
 Concen: 48.730 ug/l
 RT: 3.489 min Scan# 244
 Delta R.T. 0.000 min
 Lab File: VN075019.D
 Acq: 26 Oct 2022 12:13

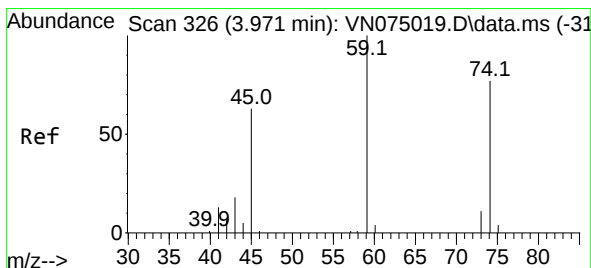
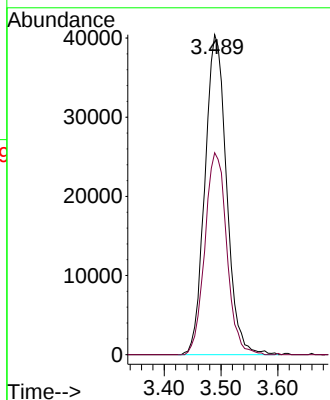
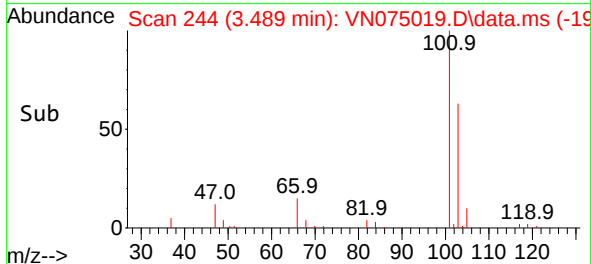
Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 10682
 Ion Ratio Lower Upper
 101 100
 103 63.1 50.5 75.7

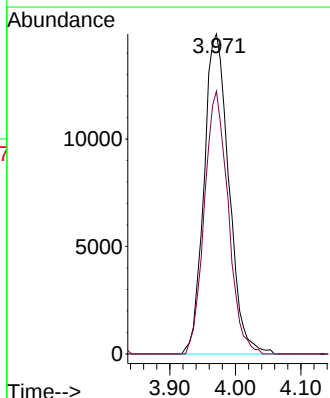
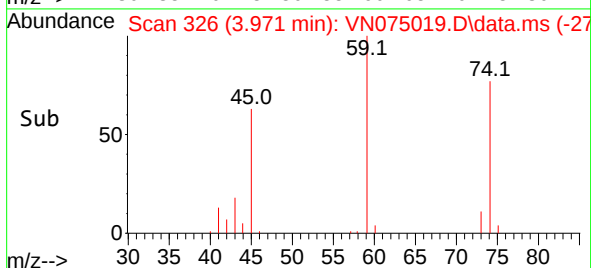
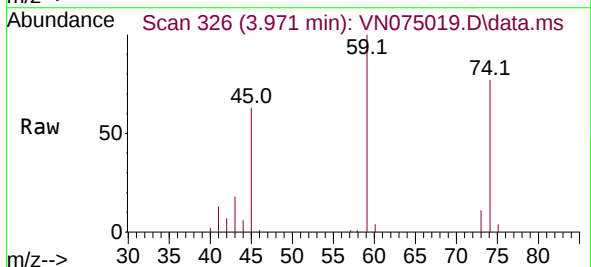
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#8
 Diethyl Ether
 Concen: 49.130 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.000 min
 Lab File: VN075019.D
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Tgt Ion: 74 Resp: 39284
 Ion Ratio Lower Upper
 74 100
 45 78.6 39.3 117.9





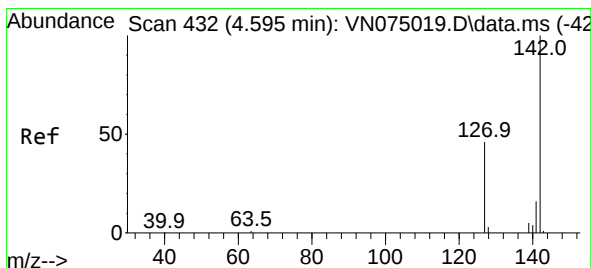
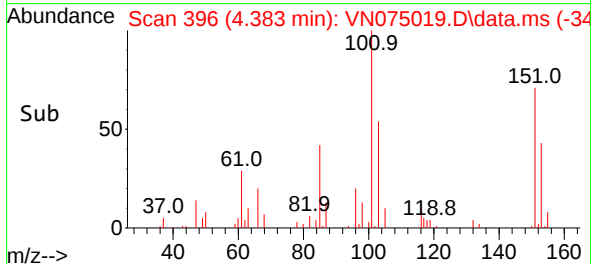
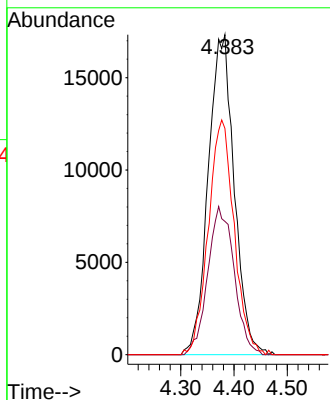
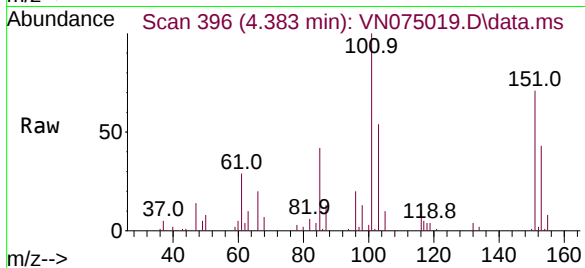
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.445 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 5865
Ion Ratio Lower Upper
101 100
85 47.0 37.6 56.4
151 72.9 58.3 87.5

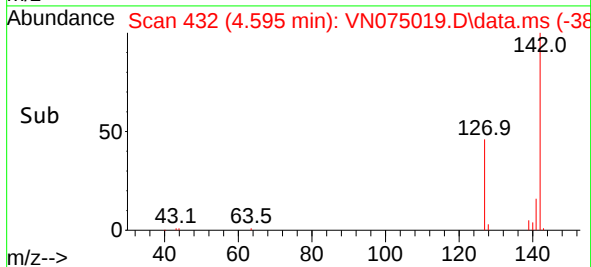
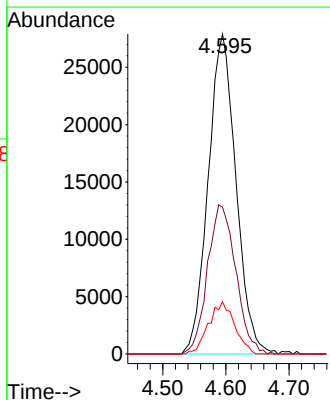
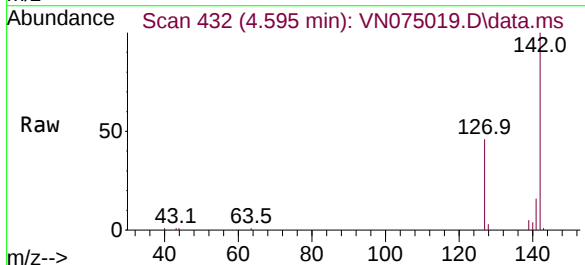
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#10
Methyl Iodide
Concen: 47.233 ug/l
RT: 4.595 min Scan# 432
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

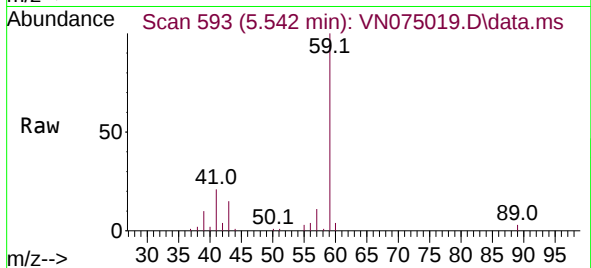
Tgt Ion:142 Resp: 85131
Ion Ratio Lower Upper
142 100
127 47.5 38.0 57.0
141 15.3 12.2 18.4





#11
Tert butyl alcohol
Concen: 227.215 ug/l
RT: 5.542 min Scan# 593
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

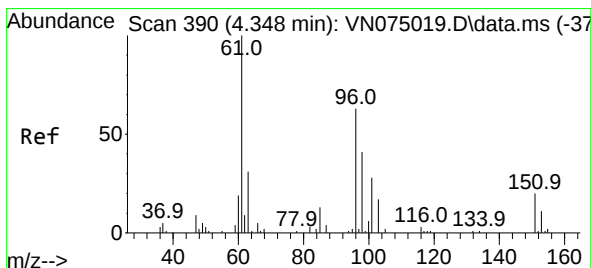
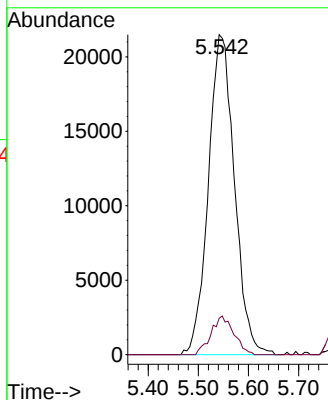
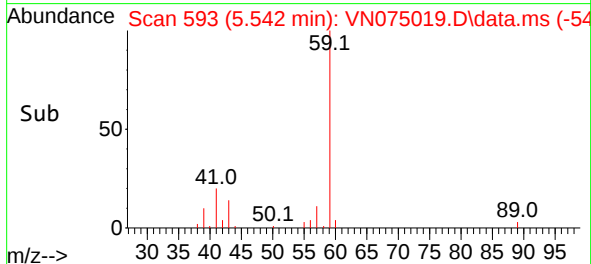
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



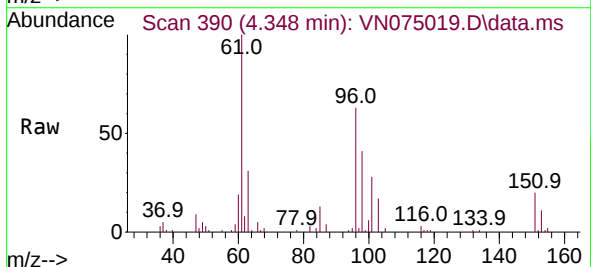
Tgt Ion: 59 Resp: 77724
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

Manual Integrations
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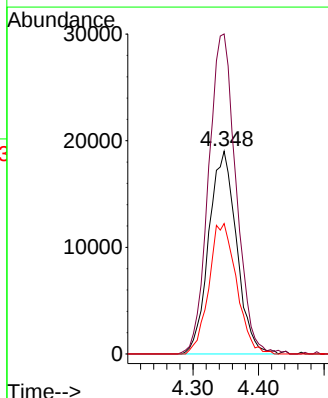
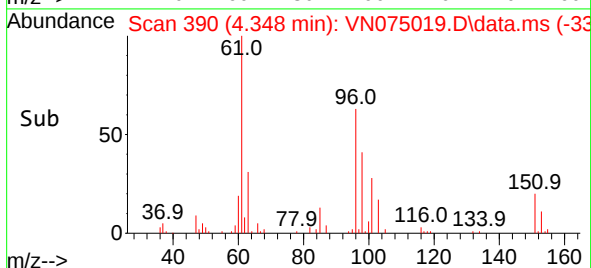
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#12
1,1-Dichloroethene
Concen: 48.446 ug/l
RT: 4.348 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13



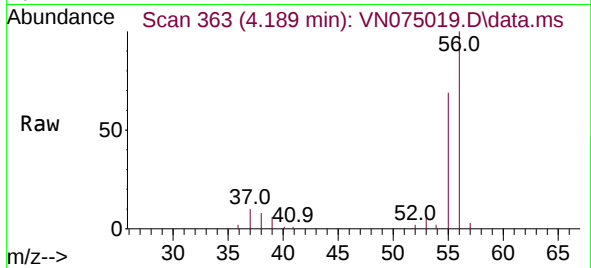
Tgt Ion: 96 Resp: 55907
Ion Ratio Lower Upper
96 100
61 157.8 126.2 189.4
98 64.4 51.5 77.3





#13
Acrolein
Concen: 237.937 ug/l
RT: 4.189 min Scan# 363
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

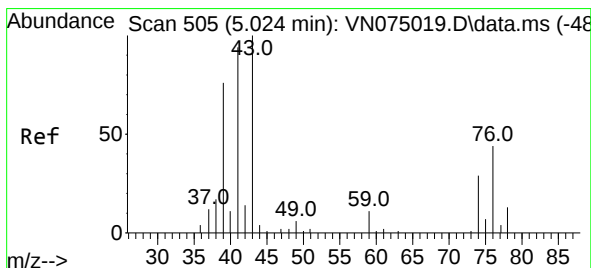
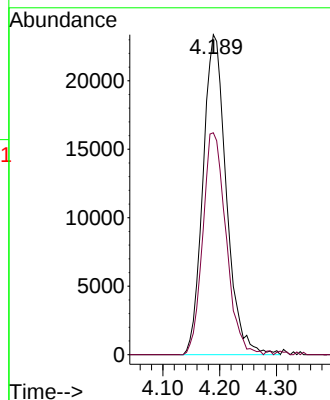
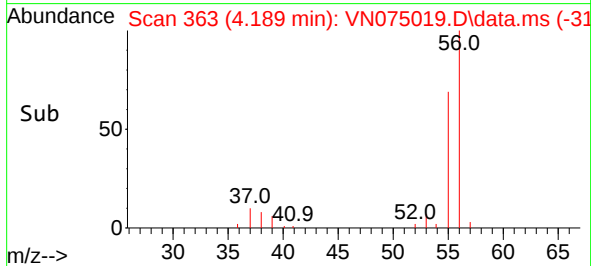
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 66574
Ion Ratio Lower Upper
56 100
55 69.0 55.2 82.8

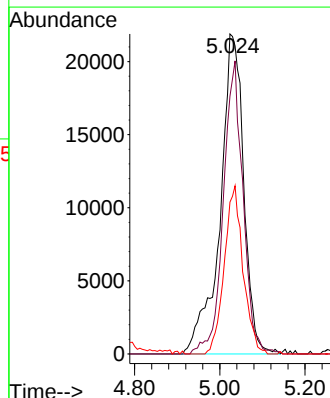
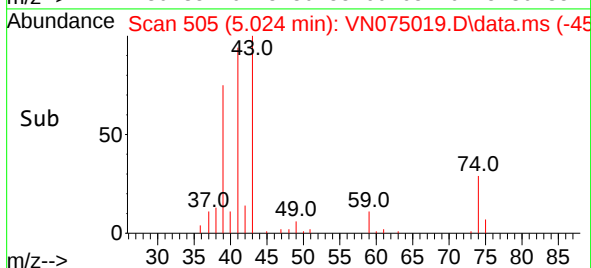
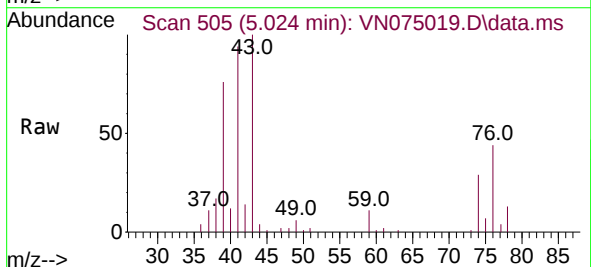
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#14
Allyl chloride
Concen: 50.227 ug/l
RT: 5.024 min Scan# 505
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

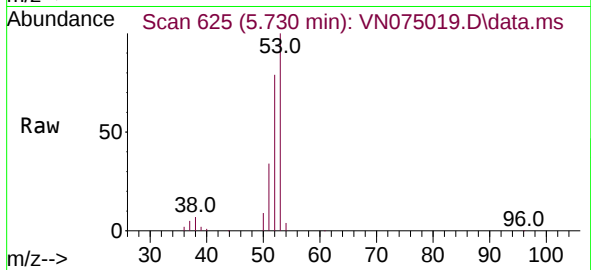
Tgt Ion: 41 Resp: 84654
Ion Ratio Lower Upper
41 100
39 76.2 61.0 91.4
76 41.7 33.4 50.0





#15
Acrylonitrile
Concen: 241.293 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

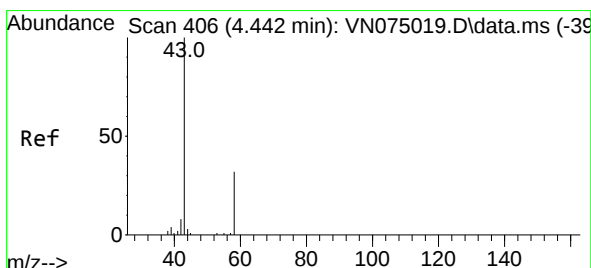
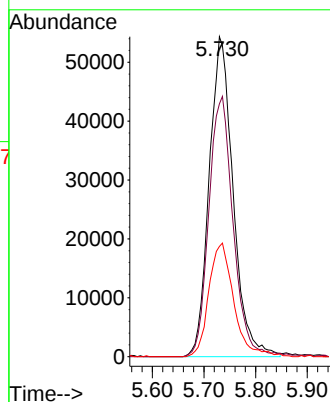
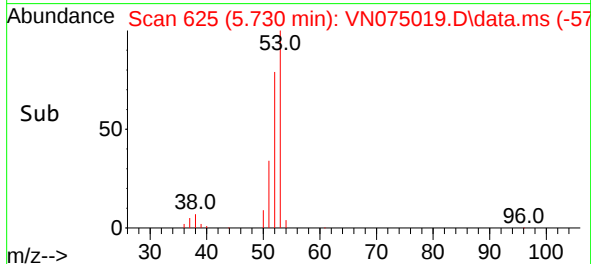
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 17435
Ion Ratio Lower Upper
53 100
52 83.0 66.4 99.6
51 37.0 29.6 44.4

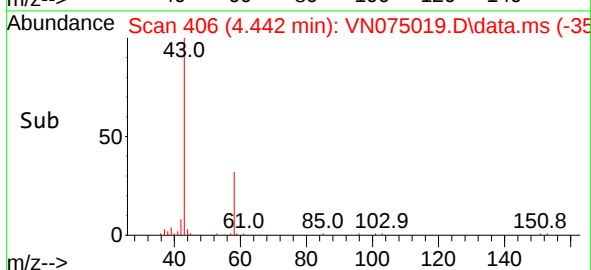
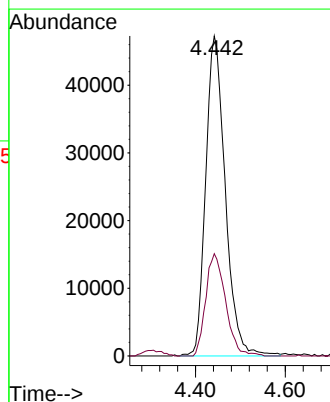
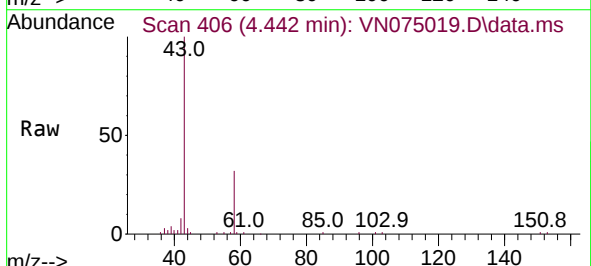
Manual Integrations
APPROVED

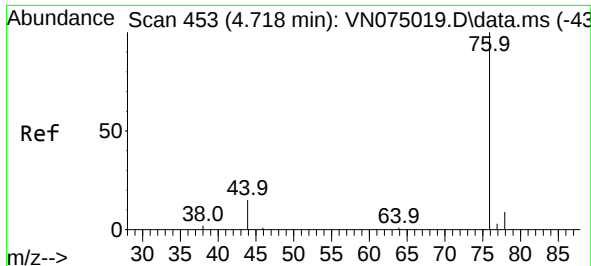
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#16
Acetone
Concen: 230.589 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

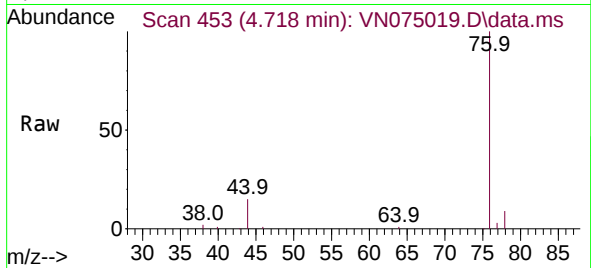
Tgt Ion: 43 Resp: 143218
Ion Ratio Lower Upper
43 100
58 31.9 25.5 38.3





#17
Carbon Disulfide
Concen: 49.471 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

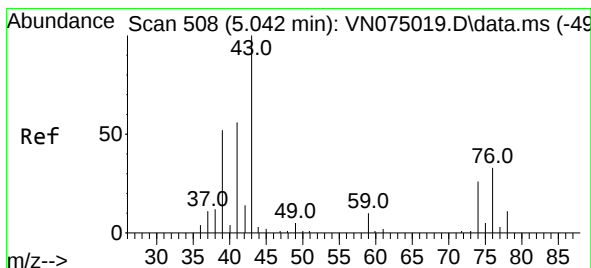
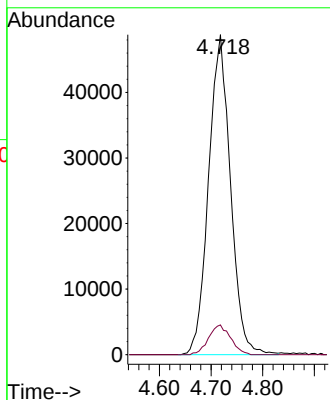
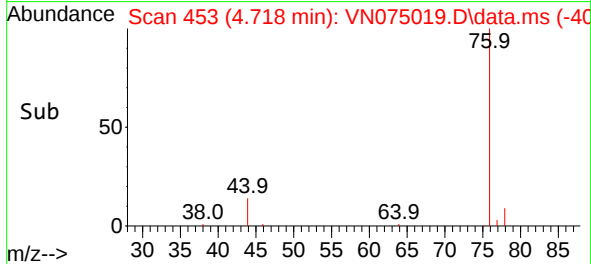
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 14356
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

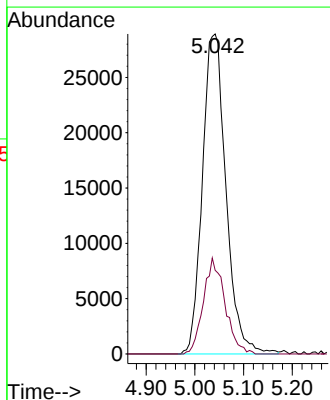
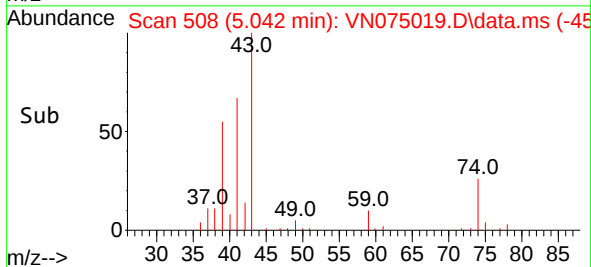
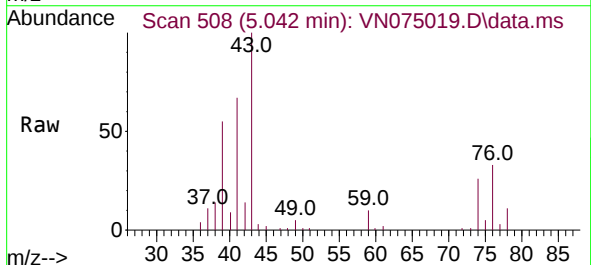
Manual Integrations
APPROVED

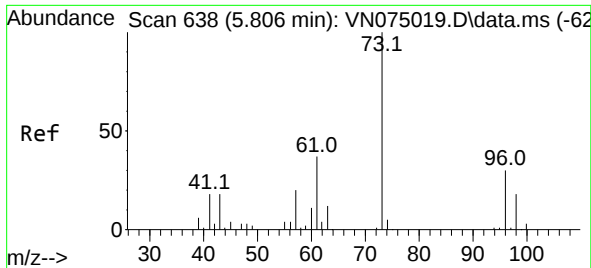
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#18
Methyl Acetate
Concen: 47.952 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

Tgt Ion: 43 Resp: 97285
Ion Ratio Lower Upper
43 100
74 27.5 22.0 33.0





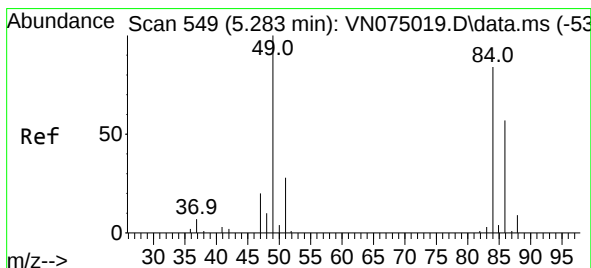
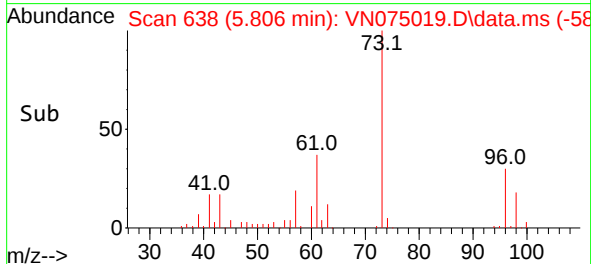
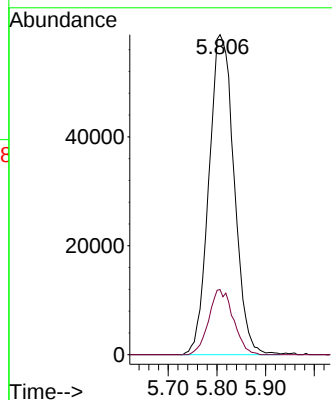
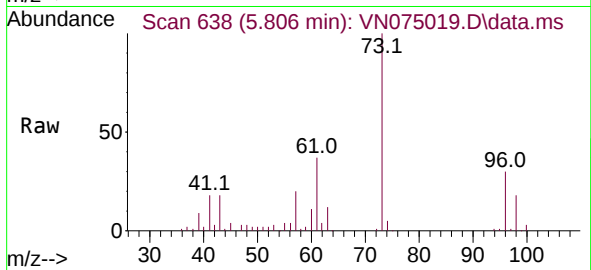
#19
Methyl tert-butyl Ether
Concen: 49.225 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 21113
Ion Ratio Lower Upper
73 100
57 20.4 16.3 24.5

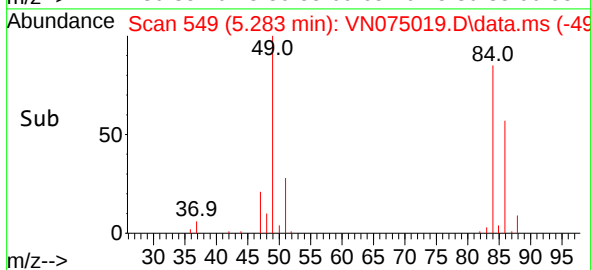
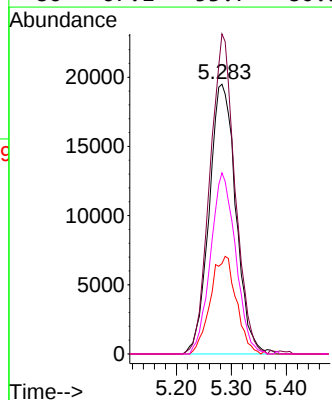
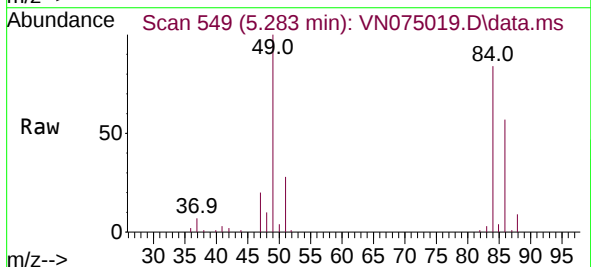
Manual Integrations
APPROVED

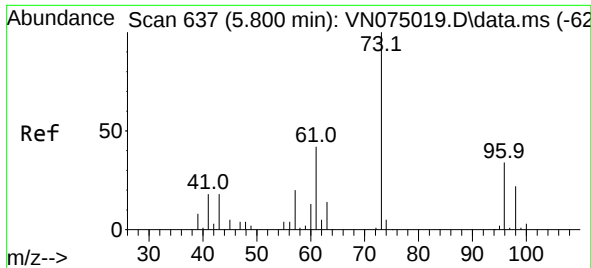
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Methylene Chloride
Concen: 47.444 ug/l
RT: 5.283 min Scan# 549
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

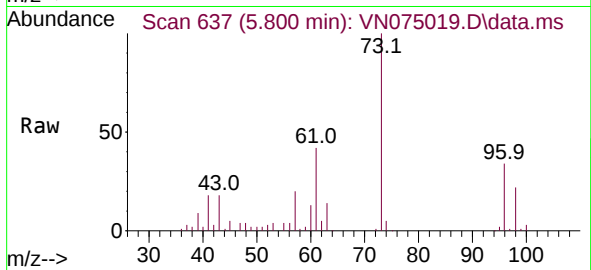
Tgt Ion: 84 Resp: 65702
Ion Ratio Lower Upper
84 100
49 118.6 94.9 142.3
51 33.5 26.8 40.2
86 67.1 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 48.175 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

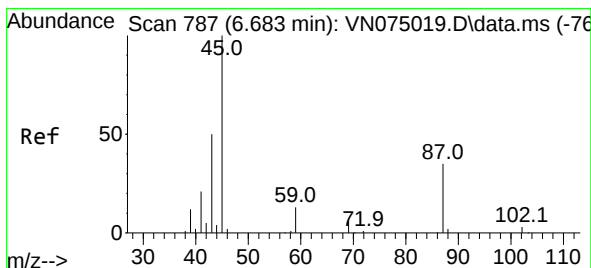
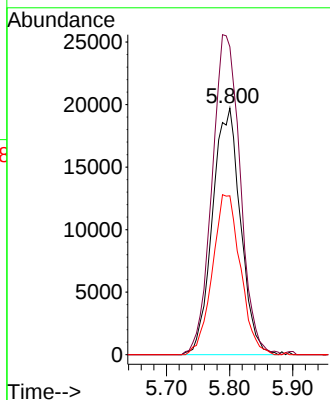
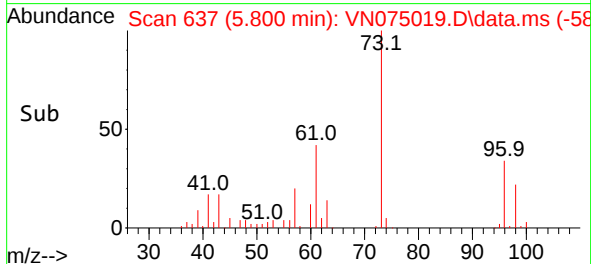
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



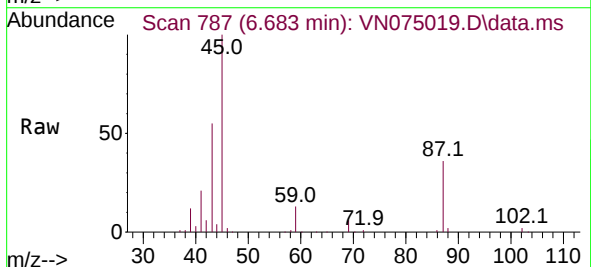
Tgt Ion: 96 Resp: 60870
Ion Ratio Lower Upper
96 100
61 124.9 99.9 149.9
98 64.4 51.5 77.3

Manual Integrations
APPROVED

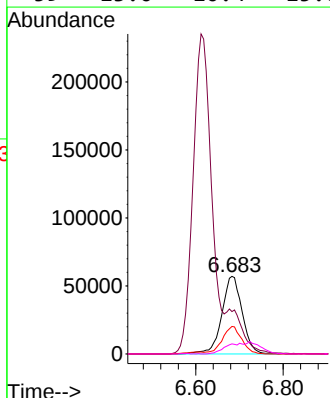
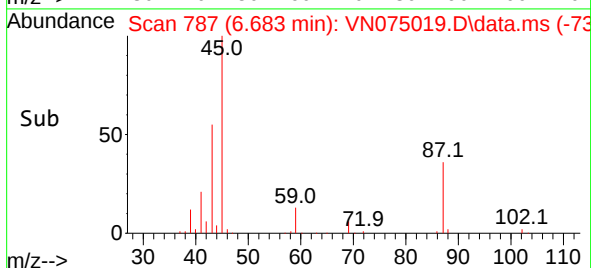
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#22
Diisopropyl ether
Concen: 49.480 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13



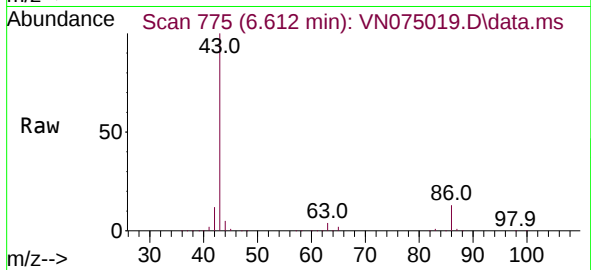
Tgt Ion: 45 Resp: 184039
Ion Ratio Lower Upper
45 100
43 53.5 42.8 64.2
87 35.5 28.4 42.6
59 13.0 10.4 15.6





#23
 Vinyl Acetate
 Concen: 269.486 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075019.D
 Acq: 26 Oct 2022 12:13

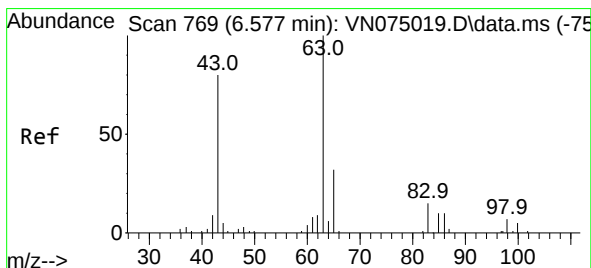
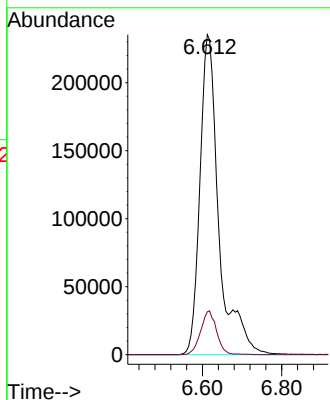
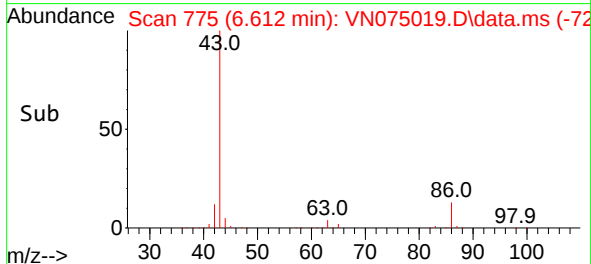
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



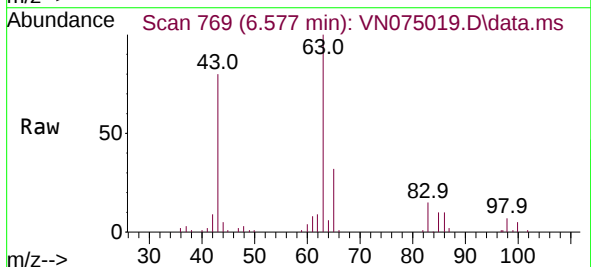
Tgt Ion: 43 Resp: 77858
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.7 16.1

Manual Integrations
 APPROVED

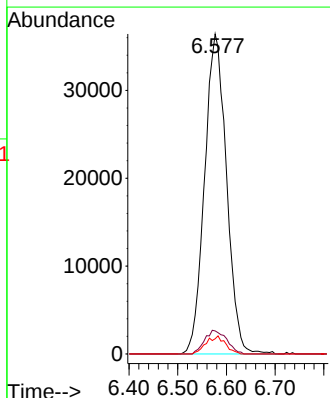
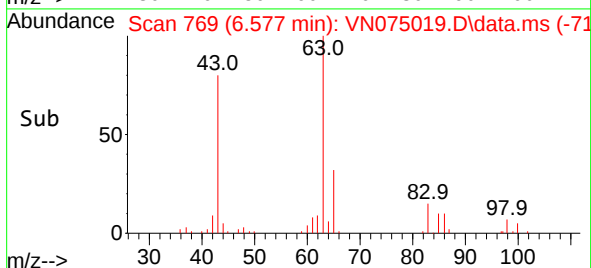
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022

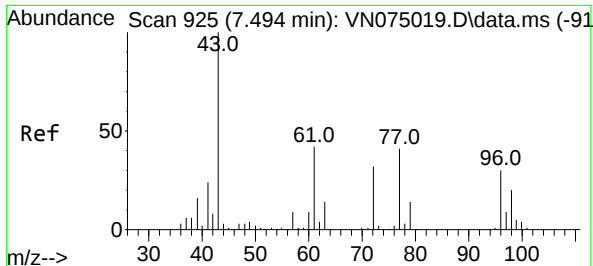


#24
 1,1-Dichloroethane
 Concen: 48.419 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075019.D
 Acq: 26 Oct 2022 12:13



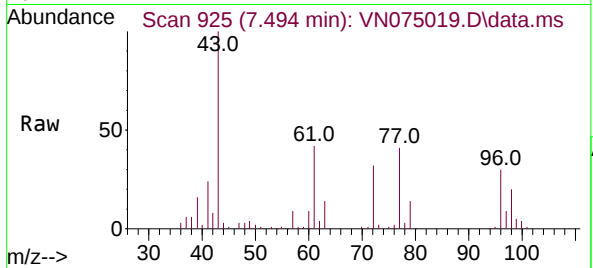
Tgt Ion: 63 Resp: 113901
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.8 2.4 7.2





#25
2-Butanone
Concen: 238.507 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

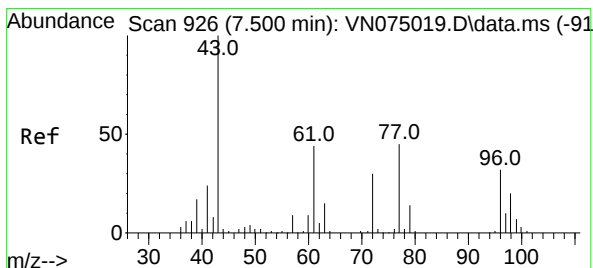
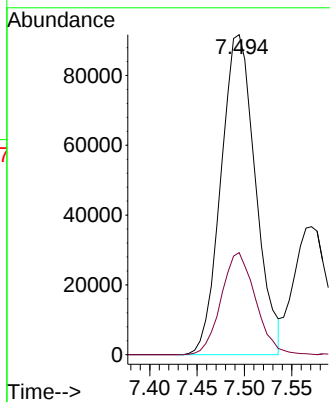
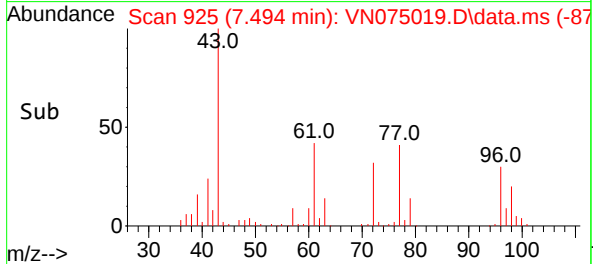
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 23300
Ion Ratio Lower Upper
43 100
72 31.9 25.5 38.3

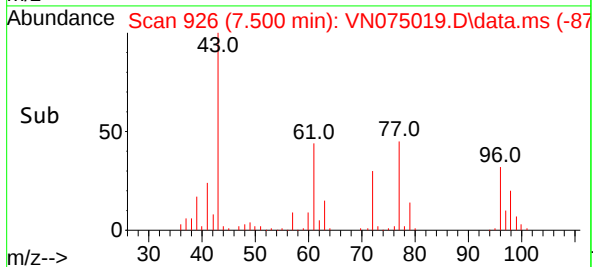
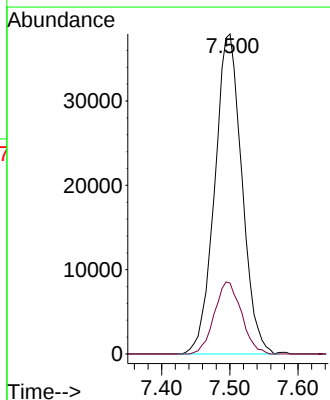
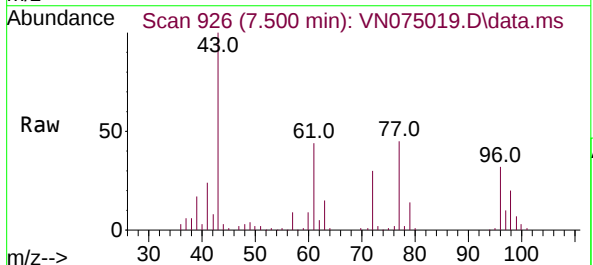
Manual Integrations
APPROVED

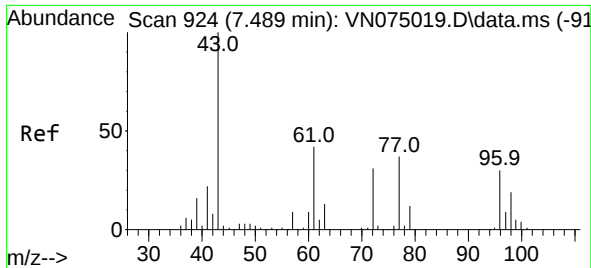
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#26
2,2-Dichloropropane
Concen: 48.670 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

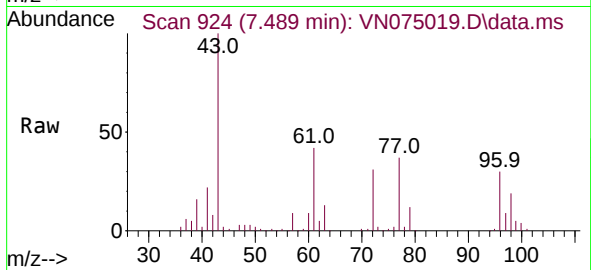
Tgt Ion: 77 Resp: 105327
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 48.850 ug/l
 RT: 7.489 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075019.D
 Acq: 26 Oct 2022 12:13

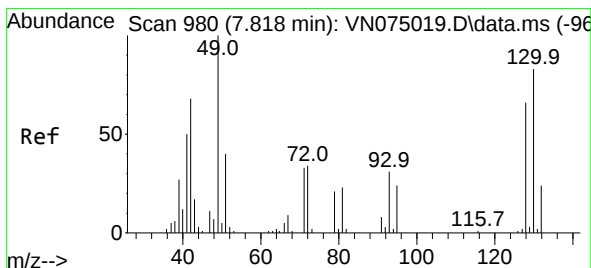
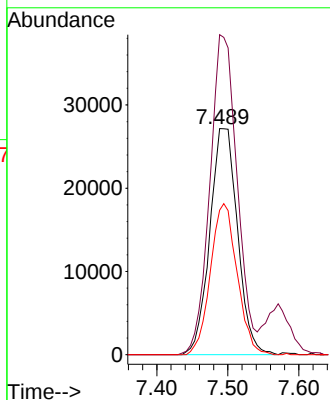
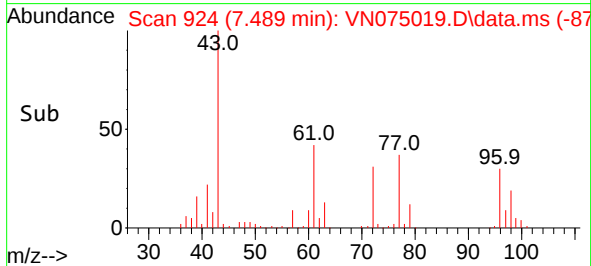
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 73710
 Ion Ratio Lower Upper
 96 100
 61 139.4 0.0 278.8
 98 64.2 0.0 128.4

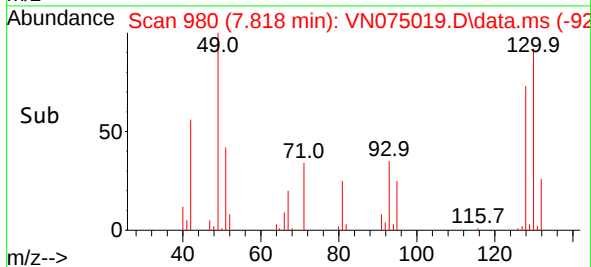
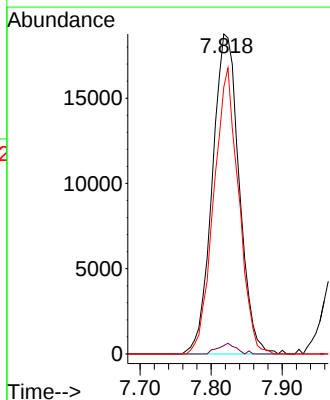
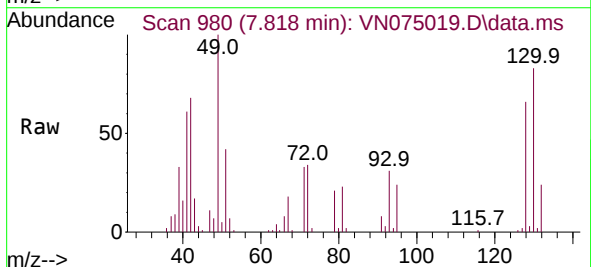
Manual Integrations
 APPROVED

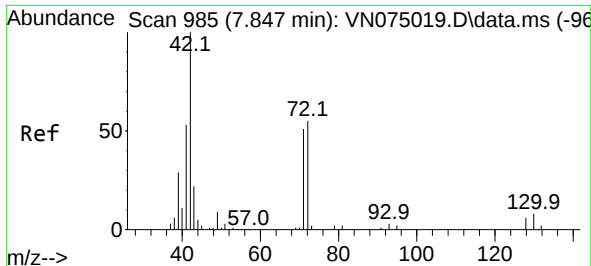
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#28
 Bromochloromethane
 Concen: 49.644 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. 0.000 min
 Lab File: VN075019.D
 Acq: 26 Oct 2022 12:13

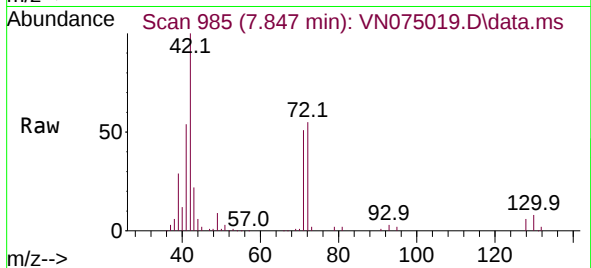
Tgt Ion: 49 Resp: 49229
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 82.8 66.2 99.4





#29
Tetrahydrofuran
Concen: 246.137 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

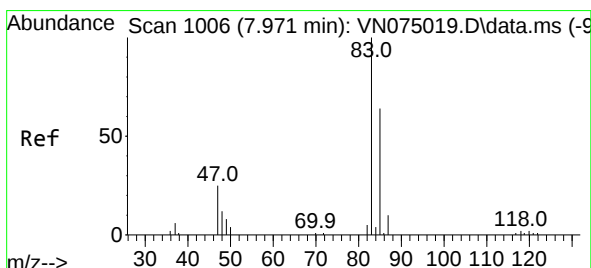
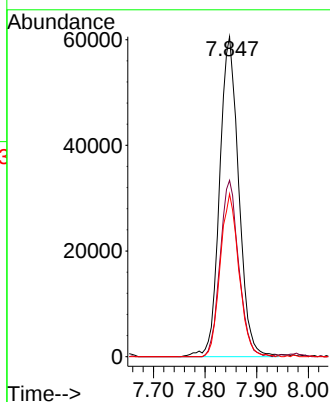
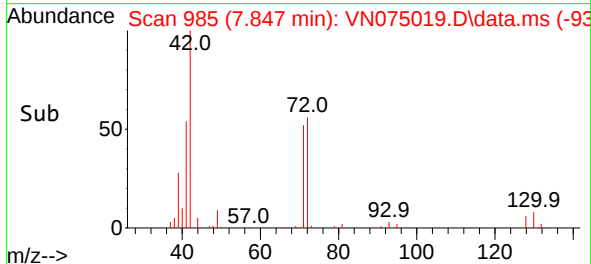
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



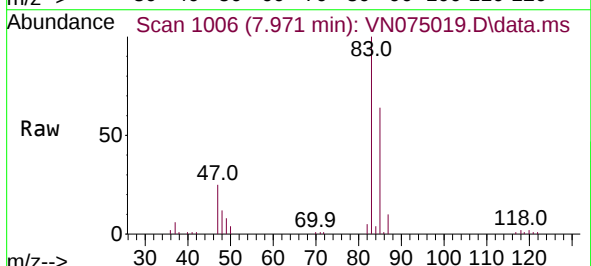
Tgt Ion: 42 Resp: 15538
Ion Ratio Lower Upper
42 100
72 53.8 43.0 64.6
71 49.9 39.9 59.9

Manual Integrations
APPROVED

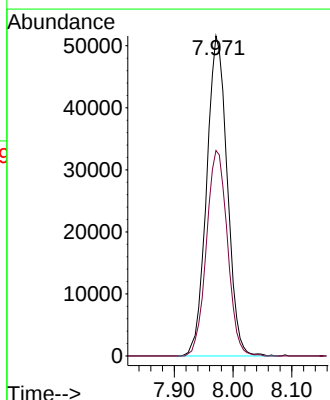
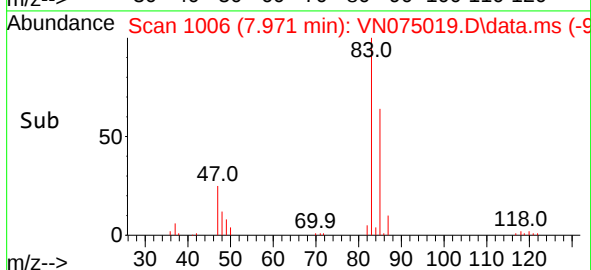
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

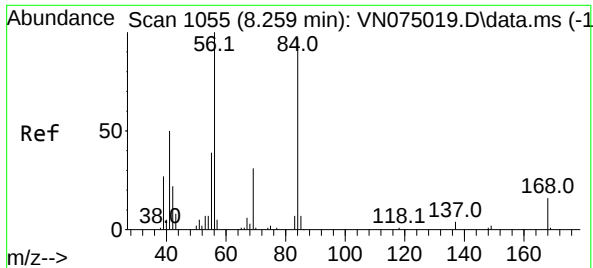


#30
Chloroform
Concen: 49.194 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13



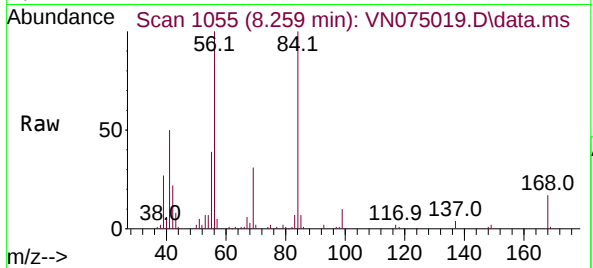
Tgt Ion: 83 Resp: 125645
Ion Ratio Lower Upper
83 100
85 64.2 51.4 77.0





#31
Cyclohexane
Concen: 48.137 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

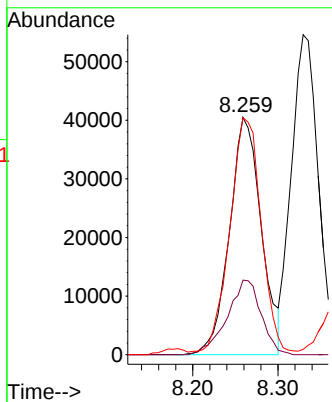
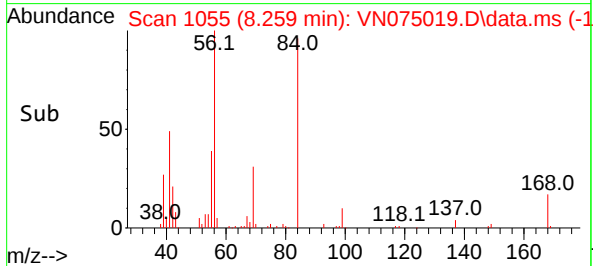
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



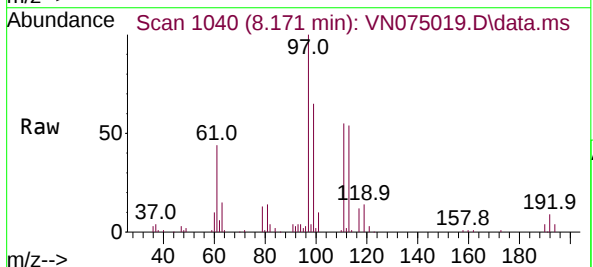
Tgt Ion: 56 Resp: 10501
Ion Ratio Lower Upper
56 100
69 31.5 25.2 37.8
84 97.3 77.8 116.8

Manual Integrations
APPROVED

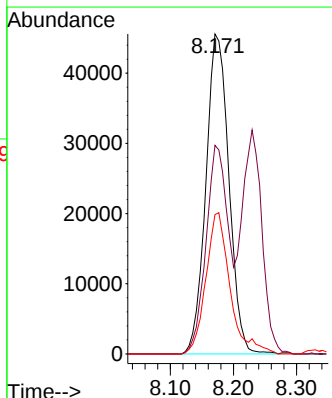
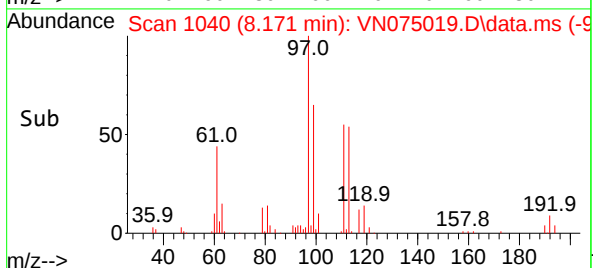
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#32
1,1,1-Trichloroethane
Concen: 49.845 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13



Tgt Ion: 97 Resp: 115610
Ion Ratio Lower Upper
97 100
99 62.7 50.2 75.2
61 46.3 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 47.677 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VN075019.D

Acq: 26 Oct 2022 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 69934

Ion Ratio Lower Upper

65 100

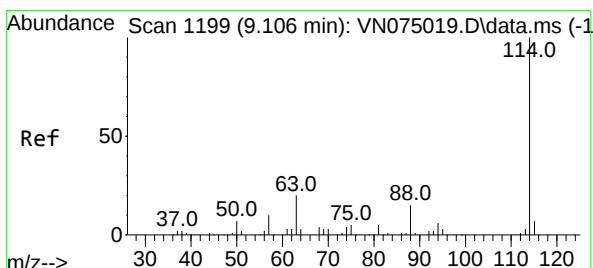
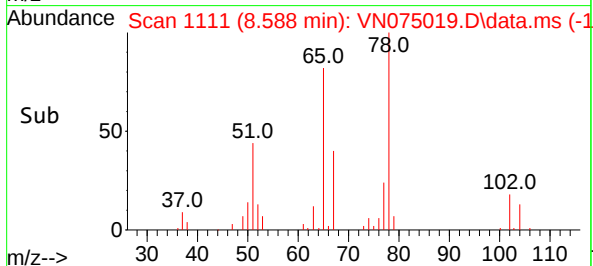
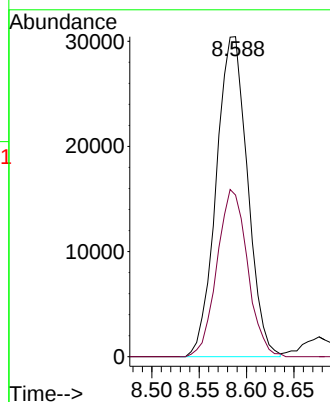
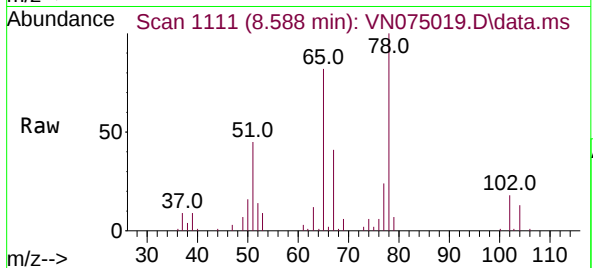
67 51.0 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075019.D

Acq: 26 Oct 2022 12:13

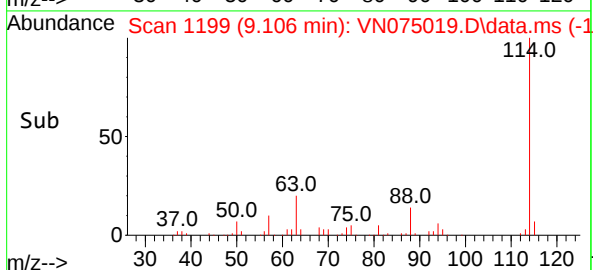
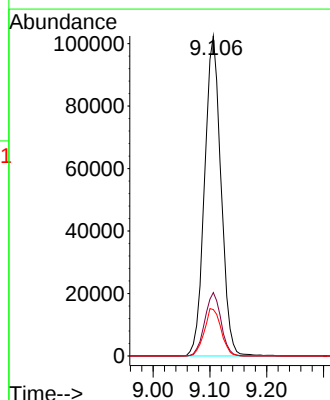
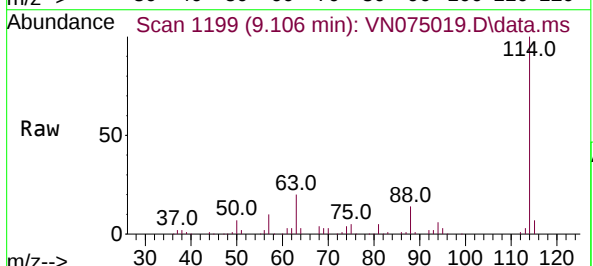
Tgt Ion:114 Resp: 205126

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.375 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075019.D

Acq: 26 Oct 2022 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

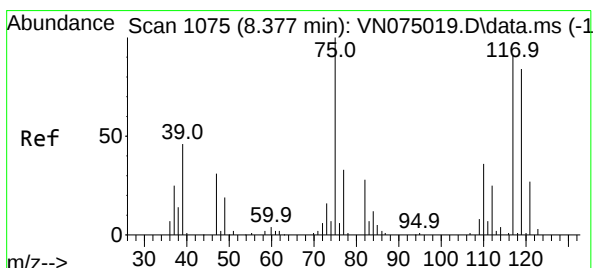
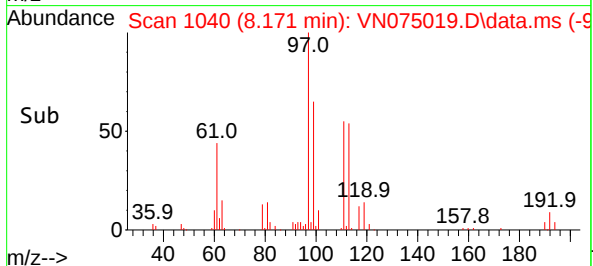
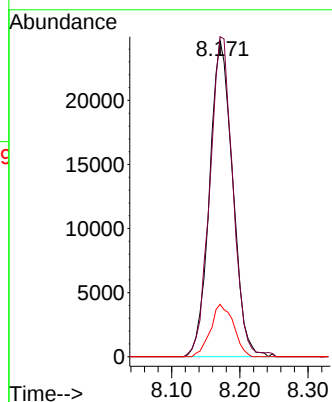
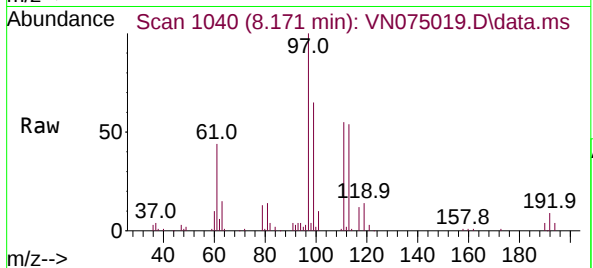
Tgt Ion:	113	Resp:	5825
Ion Ratio	Lower	Upper	
113	100		
111	100.6	80.5	120.7
192	16.5	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#36

1,1-Dichloropropene

Concen: 49.443 ug/l

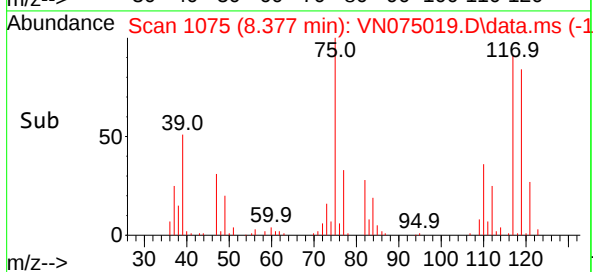
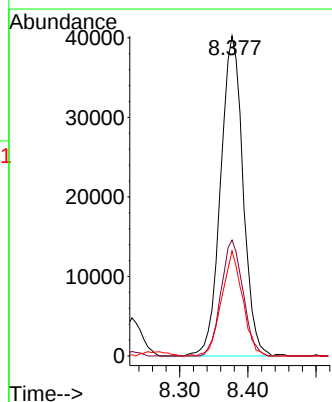
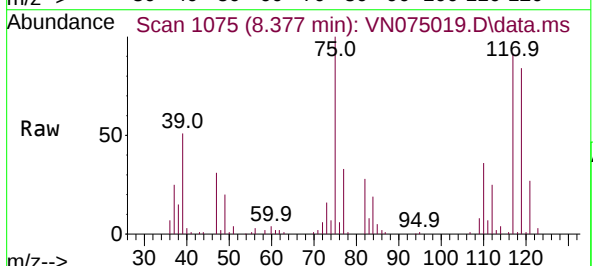
RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN075019.D

Acq: 26 Oct 2022 12:13

Tgt Ion:	75	Resp:	92176
Ion Ratio	Lower	Upper	
75	100		
110	35.5	17.8	53.3
77	30.8	24.6	37.0





#37

Ethyl Acetate

Concen: 46.476 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075019.D

Acq: 26 Oct 2022 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 9502

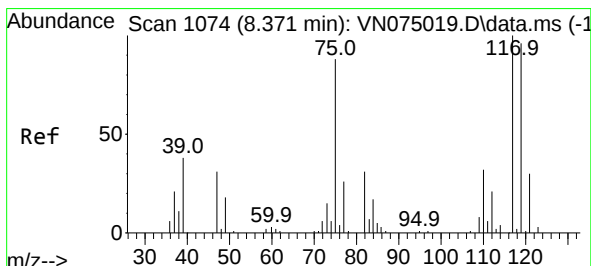
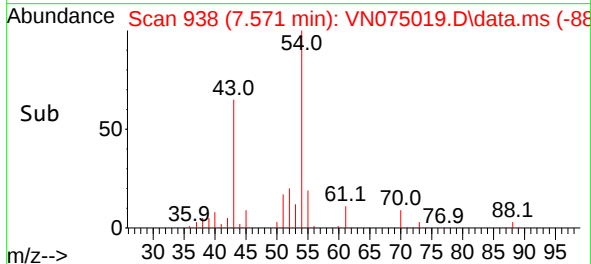
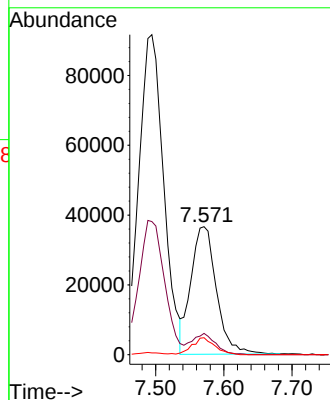
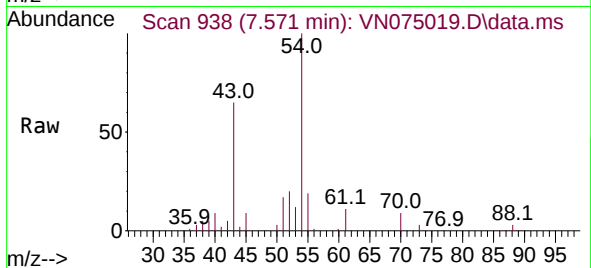
Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.2	18.4
70	11.8	9.4	14.2

Manual Integrations

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Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#38

Carbon Tetrachloride

Concen: 50.319 ug/l

RT: 8.371 min Scan# 1074

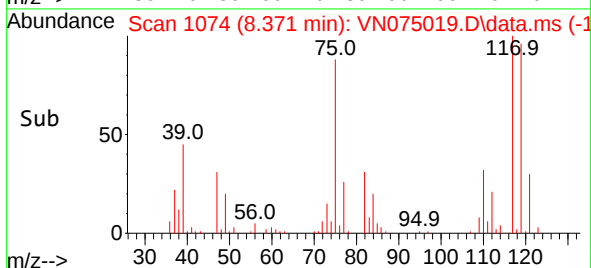
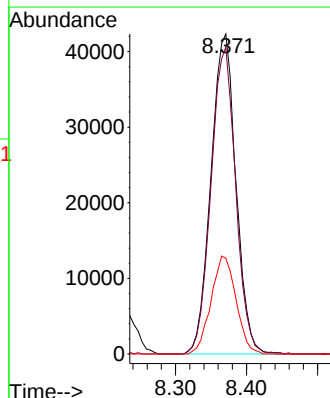
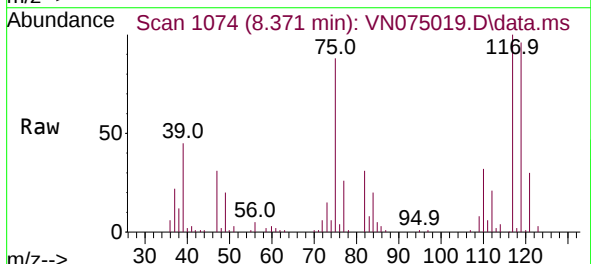
Delta R.T. 0.000 min

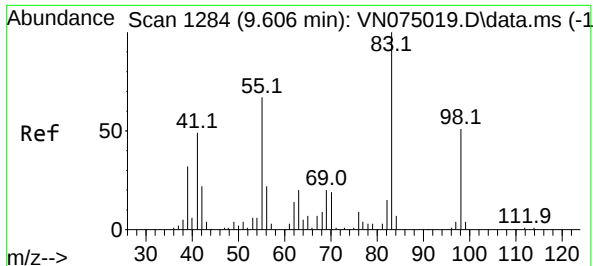
Lab File: VN075019.D

Acq: 26 Oct 2022 12:13

Tgt Ion:117 Resp: 103191

Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.7	115.1
121	29.9	23.9	35.9





#39

Methylcyclohexane

Concen: 49.782 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075019.D

Acq: 26 Oct 2022 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 12252

Ion Ratio Lower Upper

83 100

55 67.0 53.6 80.4

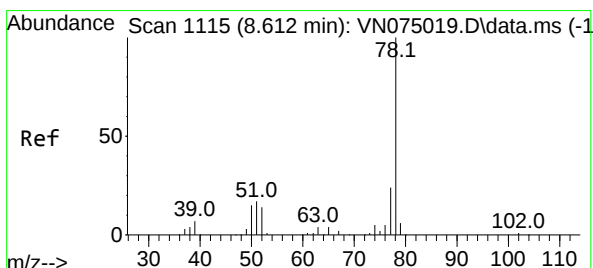
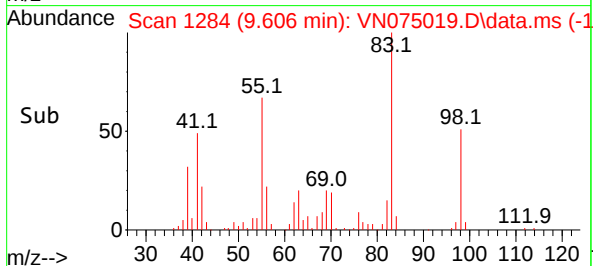
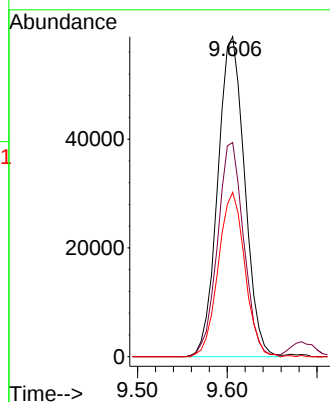
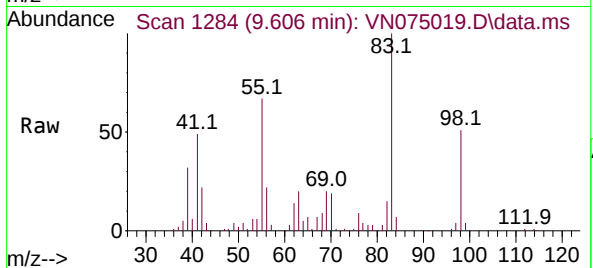
98 51.4 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#40

Benzene

Concen: 49.062 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075019.D

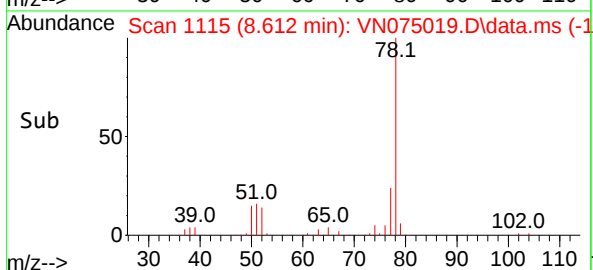
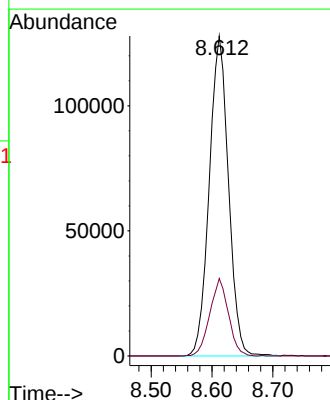
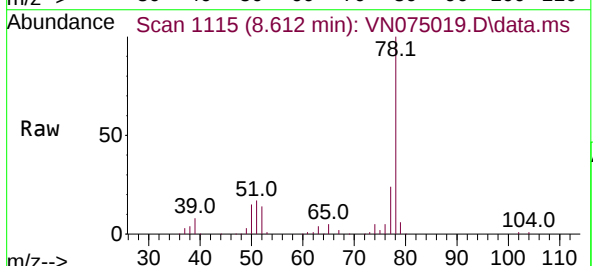
Acq: 26 Oct 2022 12:13

Tgt Ion: 78 Resp: 280058

Ion Ratio Lower Upper

78 100

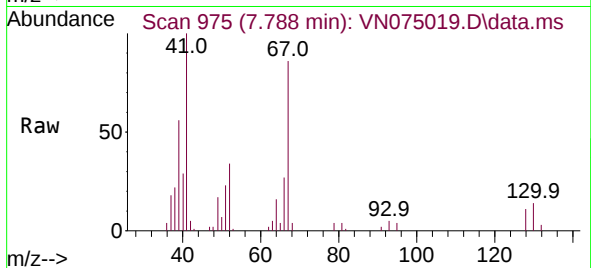
77 24.2 19.4 29.0





#41
Methacrylonitrile
Concen: 49.362 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

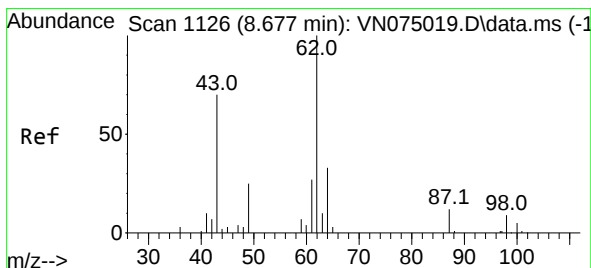
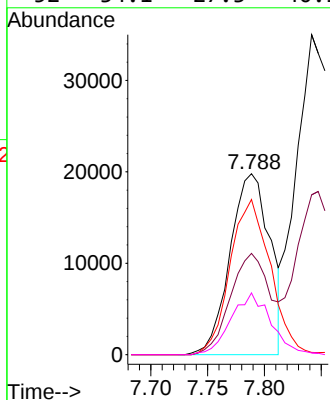
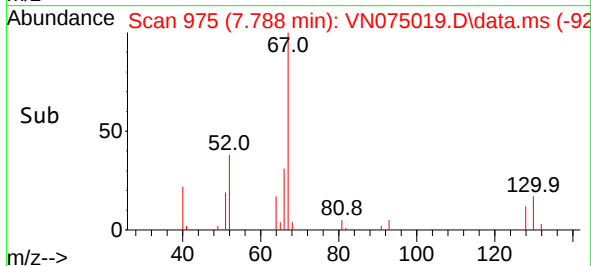
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:	41	Resp:	4835
Ion Ratio	100	Lower	Upper
39	55.5	44.4	66.6
67	87.2	69.8	104.6
52	34.1	27.3	40.9

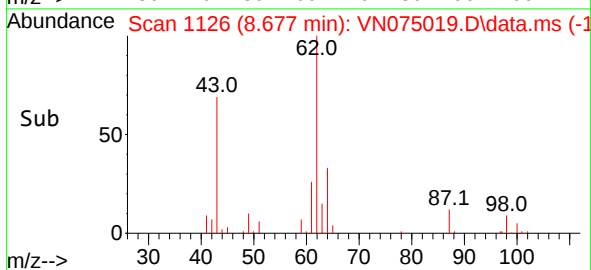
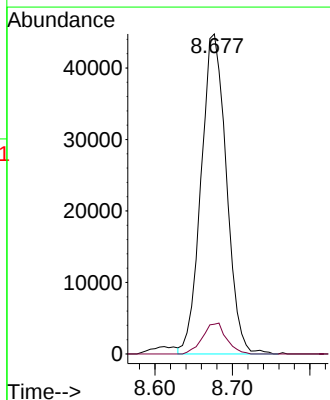
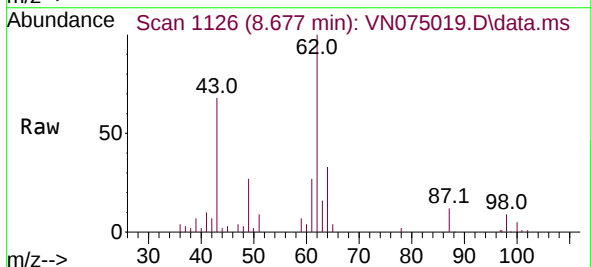
Manual Integrations
APPROVED

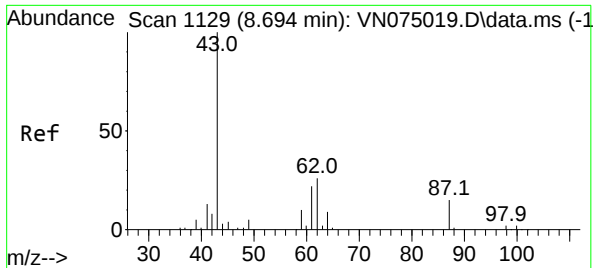
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#42
1,2-Dichloroethane
Concen: 48.832 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

Tgt Ion:	62	Resp:	101413
Ion Ratio	100	Lower	Upper
98	9.1	0.0	18.2





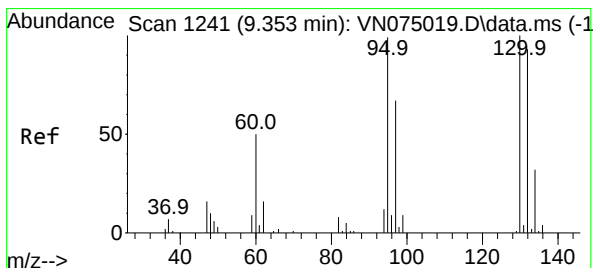
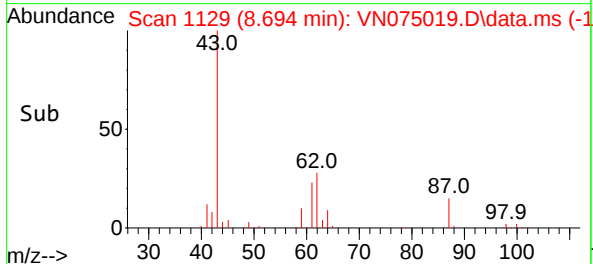
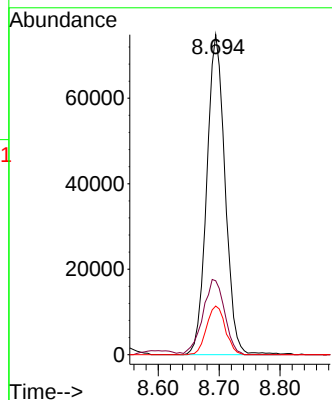
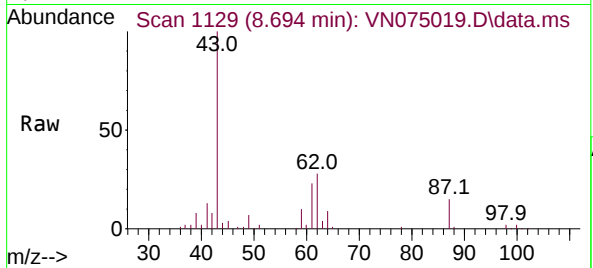
#43
Isopropyl Acetate
Concen: 49.339 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 15647
Ion Ratio Lower Upper
43 100
61 28.0 22.4 33.6
87 15.6 12.5 18.7

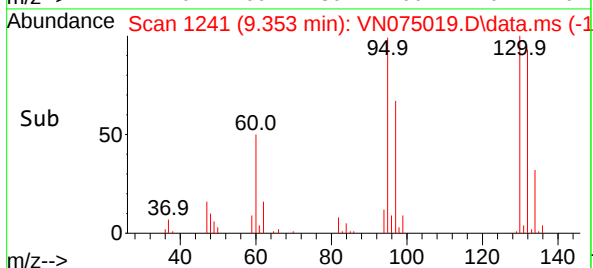
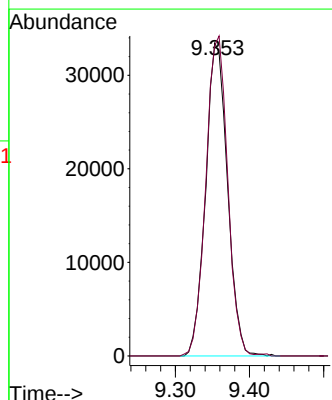
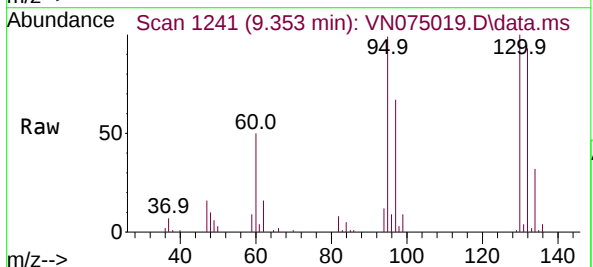
Manual Integrations
APPROVED

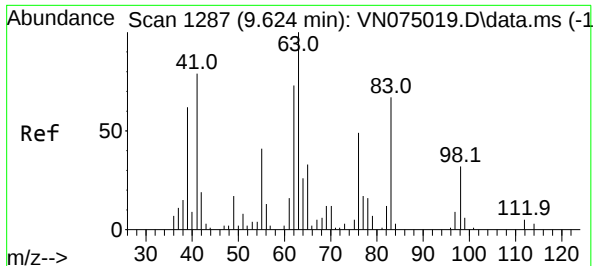
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#44
Trichloroethene
Concen: 47.882 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

Tgt Ion:130 Resp: 68572
Ion Ratio Lower Upper
130 100
95 99.2 0.0 198.4





#45

1,2-Dichloropropane

Concen: 50.260 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075019.D

Acq: 26 Oct 2022 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 6827

Ion Ratio Lower Upper

63 100

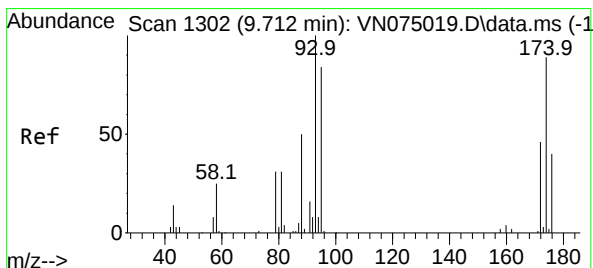
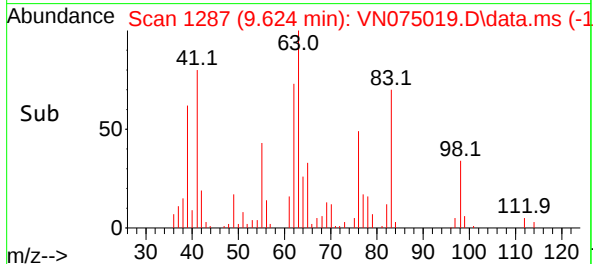
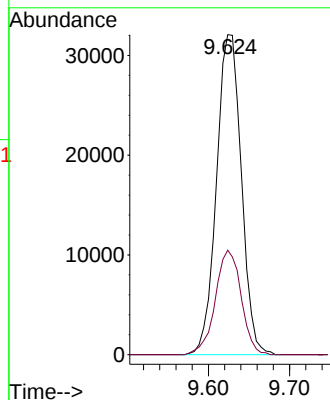
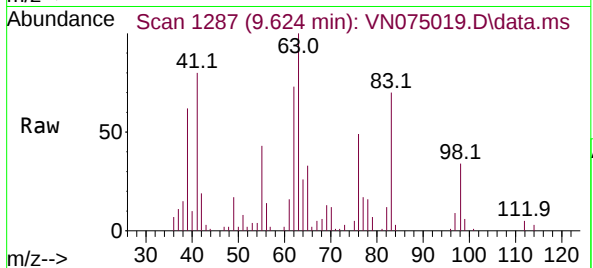
65 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#46

Dibromomethane

Concen: 48.253 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075019.D

Acq: 26 Oct 2022 12:13

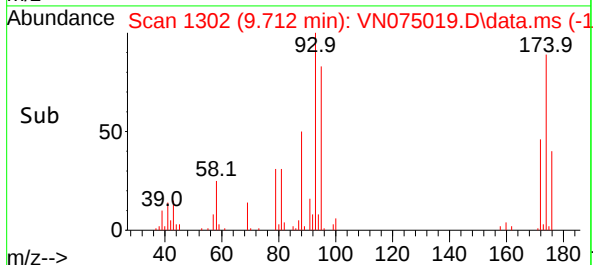
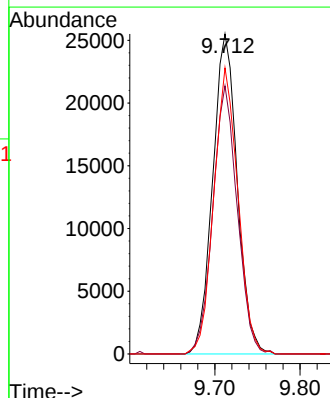
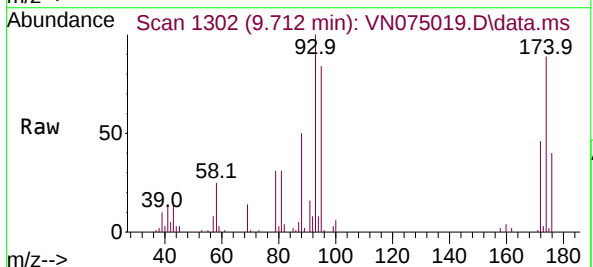
Tgt Ion: 93 Resp: 51069

Ion Ratio Lower Upper

93 100

95 83.2 66.6 99.8

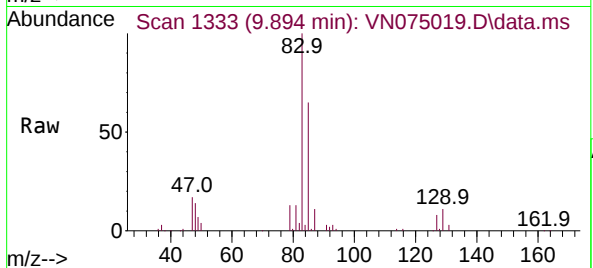
174 87.9 70.3 105.5





#47
Bromodichloromethane
Concen: 48.960 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

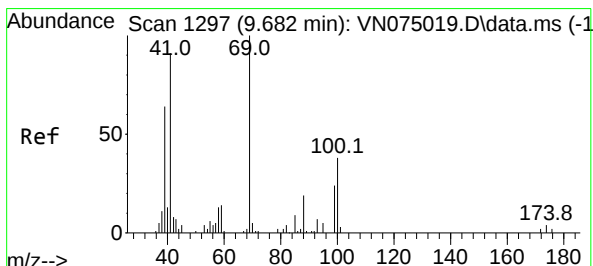
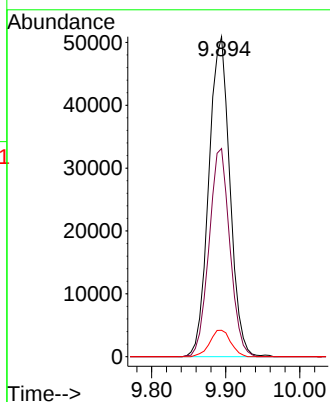
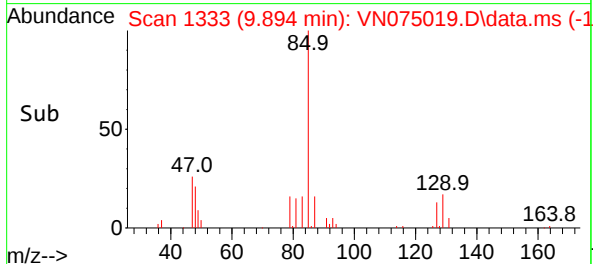
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 100349
Ion Ratio Lower Upper
83 100
85 65.1 52.1 78.1
127 8.3 6.6 10.0

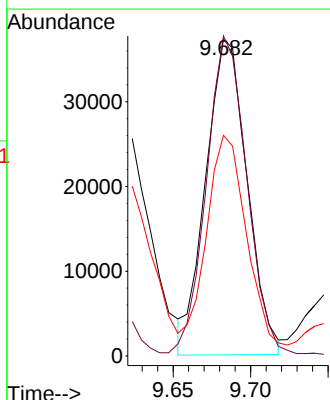
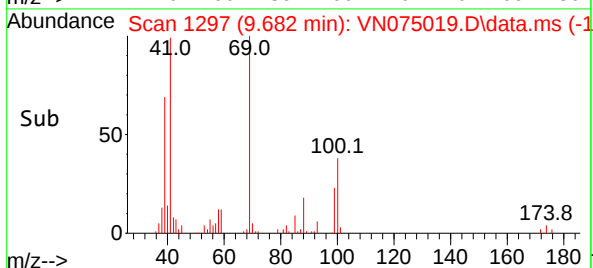
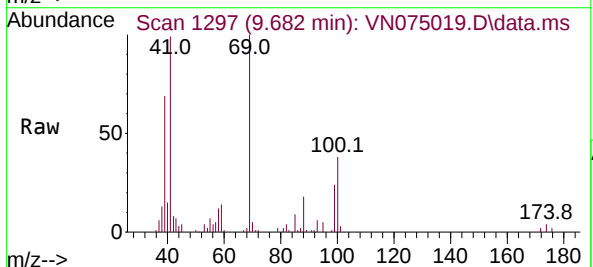
Manual Integrations
APPROVED

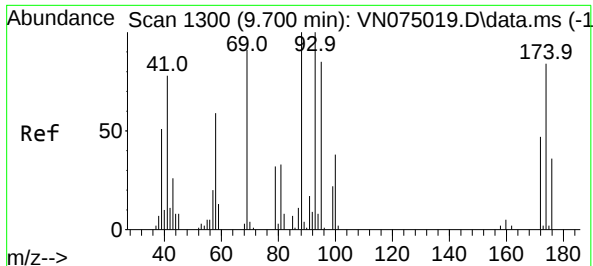
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#48
Methyl methacrylate
Concen: 47.555 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

Tgt Ion: 41 Resp: 69180
Ion Ratio Lower Upper
41 100
69 100.2 80.2 120.2
39 70.2 56.2 84.2





#49

1,4-Dioxane

Concen: 934.681 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075019.D

Acq: 26 Oct 2022 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 35600

Ion Ratio Lower Upper

88 100

43 21.9 17.5 26.3

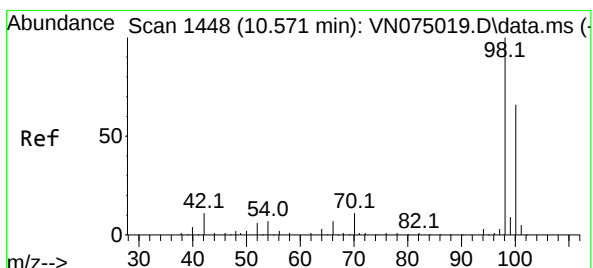
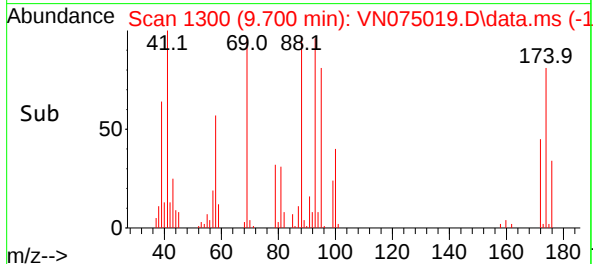
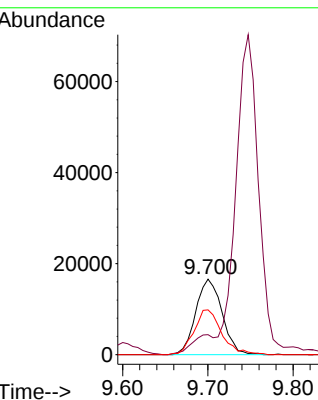
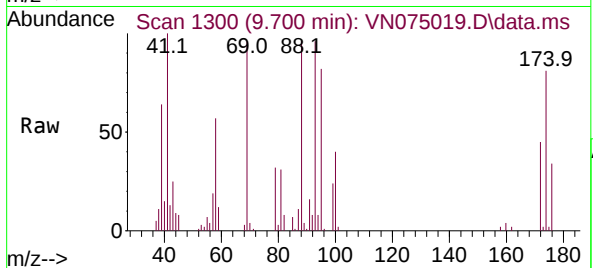
58 62.3 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#50

Toluene-d8

Concen: 49.156 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075019.D

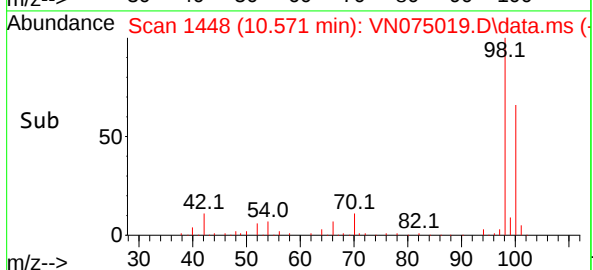
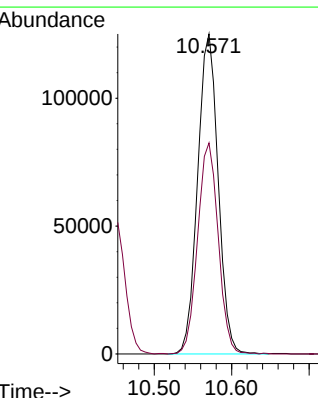
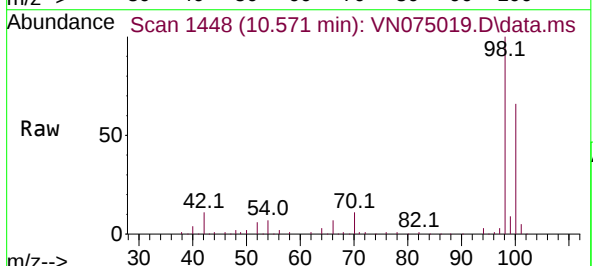
Acq: 26 Oct 2022 12:13

Tgt Ion: 98 Resp: 229652

Ion Ratio Lower Upper

98 100

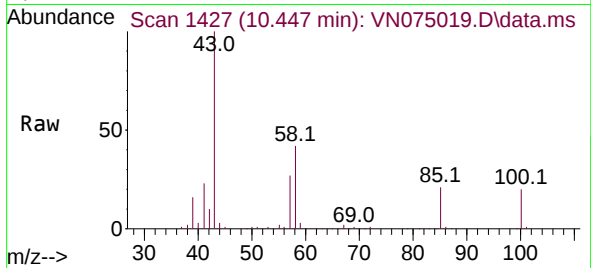
100 66.3 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 243.090 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

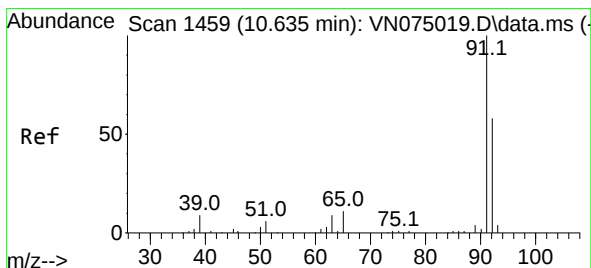
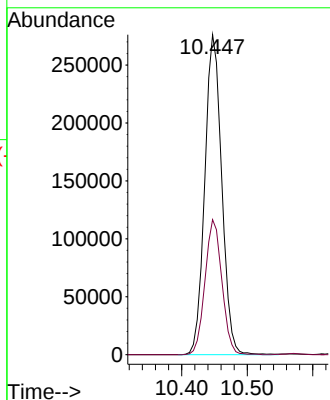
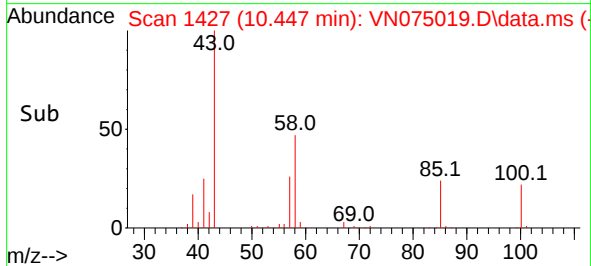
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 49748
Ion Ratio Lower Upper
43 100
58 42.0 33.6 50.4

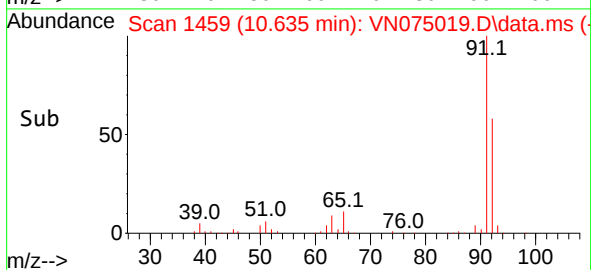
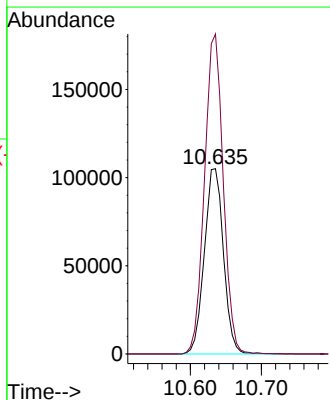
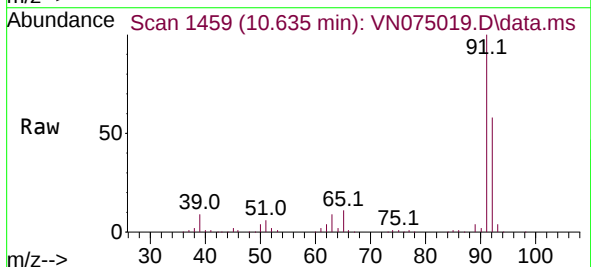
Manual Integrations
APPROVED

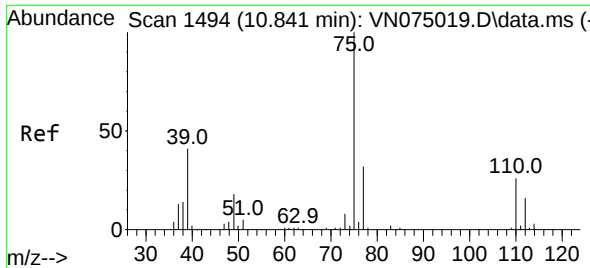
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
Toluene
Concen: 51.558 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

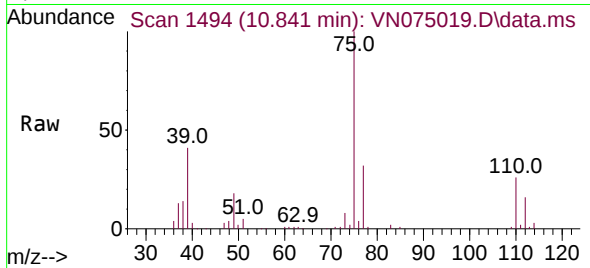
Tgt Ion: 92 Resp: 196733
Ion Ratio Lower Upper
92 100
91 169.3 135.4 203.2





#53
 t-1,3-Dichloropropene
 Concen: 52.060 ug/l
 RT: 10.841 min Scan# 1494
 Delta R.T. 0.000 min
 Lab File: VN075019.D
 Acq: 26 Oct 2022 12:13

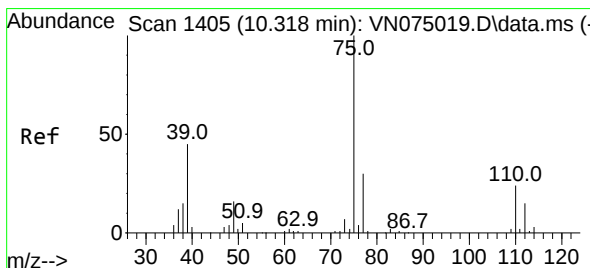
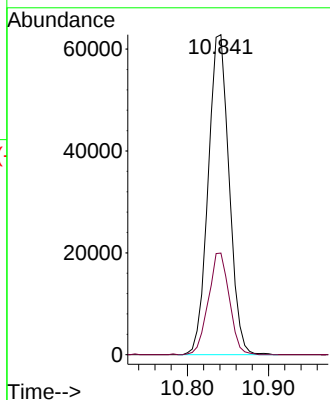
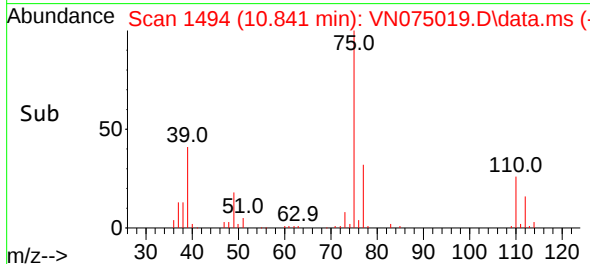
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



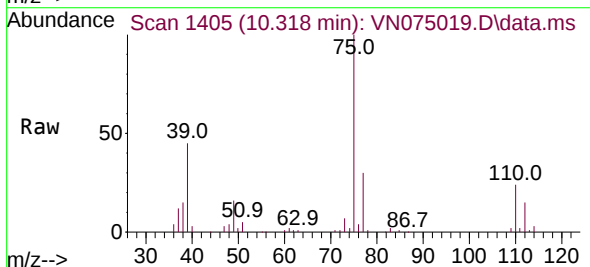
Tgt Ion: 75 Resp: 11262
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2

Manual Integrations
 APPROVED

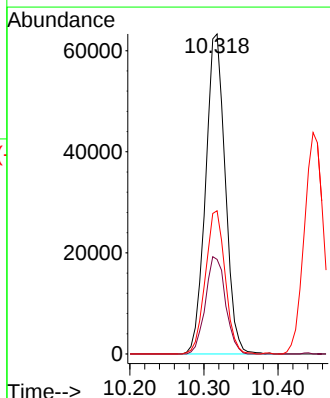
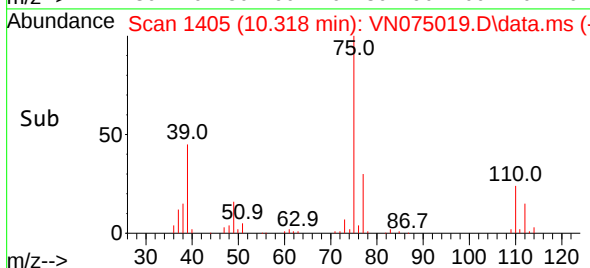
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022

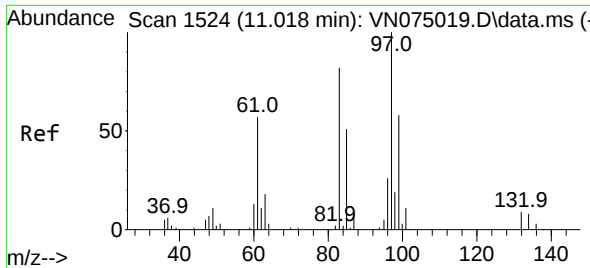


#54
 cis-1,3-Dichloropropene
 Concen: 50.794 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.000 min
 Lab File: VN075019.D
 Acq: 26 Oct 2022 12:13



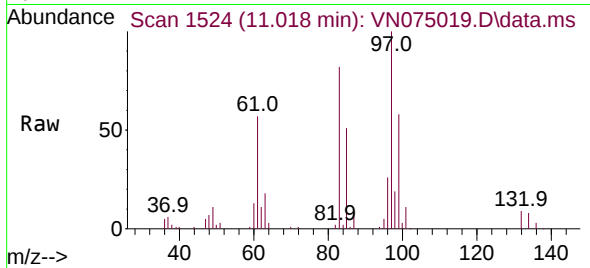
Tgt Ion: 75 Resp: 116545
 Ion Ratio Lower Upper
 75 100
 77 29.6 23.7 35.5
 39 44.7 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 50.097 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

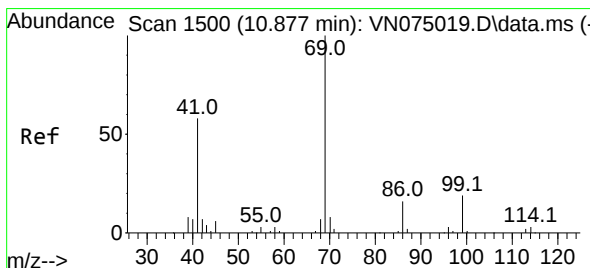
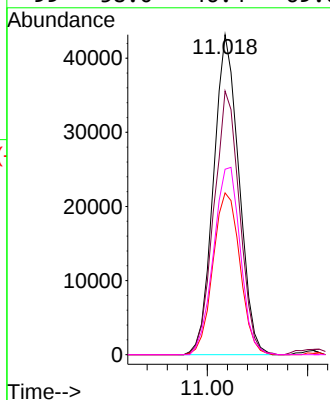
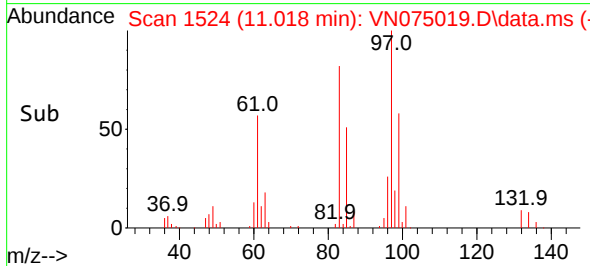
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.4	65.9	98.9
85	50.5	40.4	60.6
99	58.0	46.4	69.6

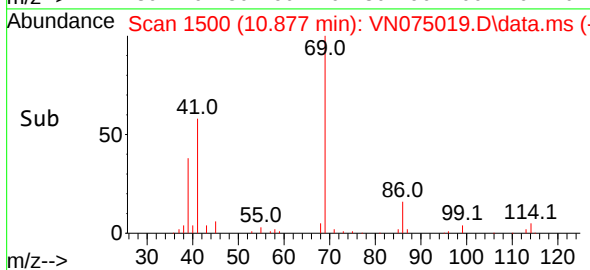
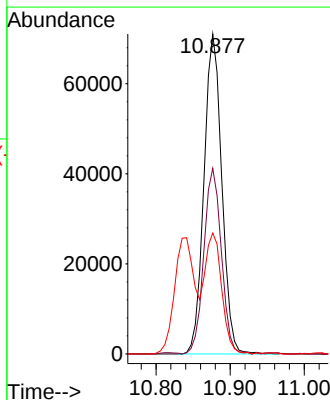
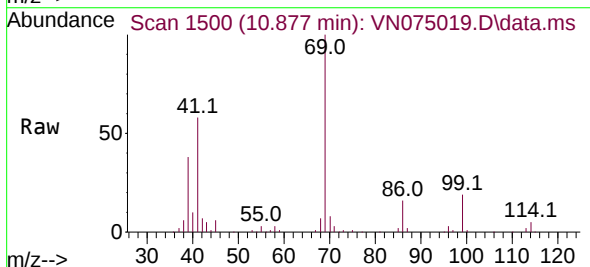
Manual Integrations
APPROVED

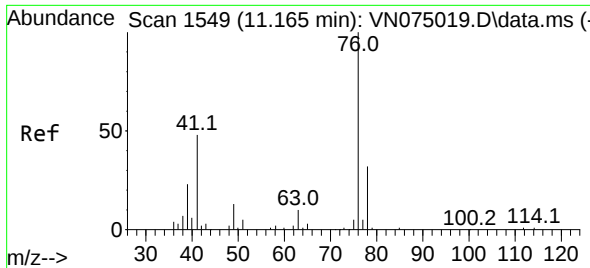
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#56
Ethyl methacrylate
Concen: 51.402 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

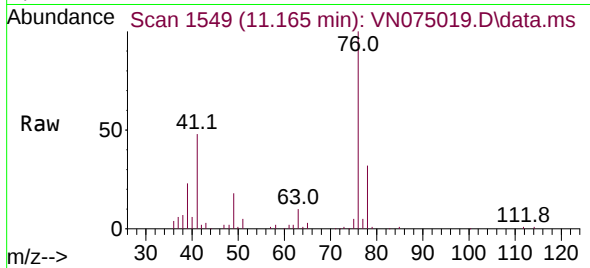
Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.0	45.6	68.4
39	35.6	28.5	42.7





#57
1,3-Dichloropropane
Concen: 49.693 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

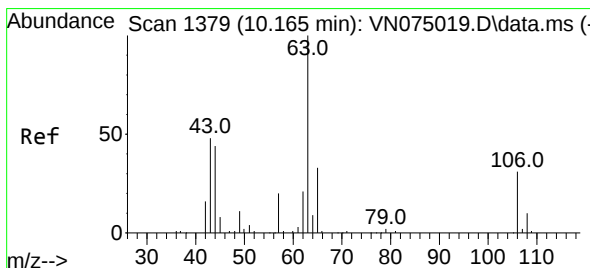
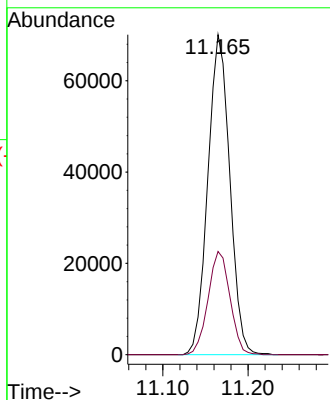
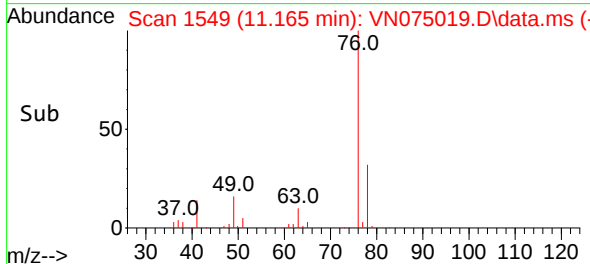
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



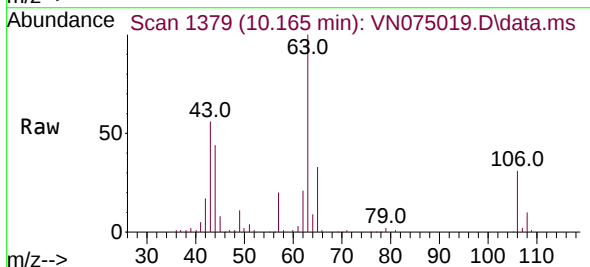
Tgt Ion: 76 Resp: 125208
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.6

Manual Integrations
APPROVED

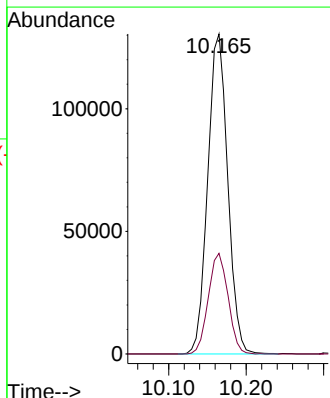
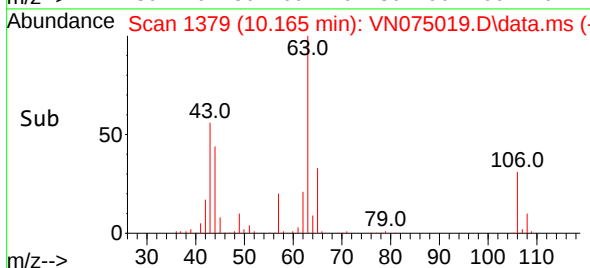
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

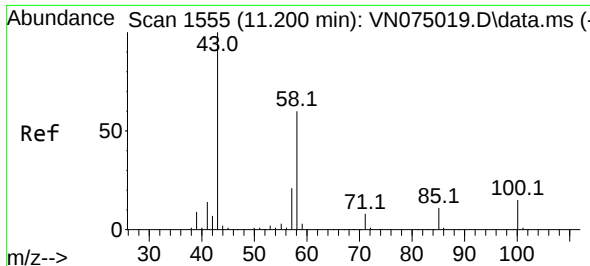


#58
2-Chloroethyl Vinyl ether
Concen: 262.207 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13



Tgt Ion: 63 Resp: 233946
Ion Ratio Lower Upper
63 100
106 31.0 24.8 37.2





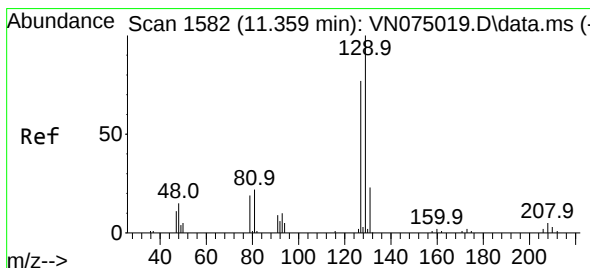
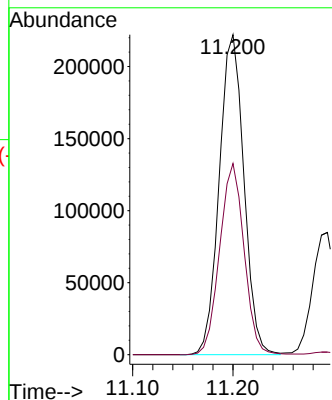
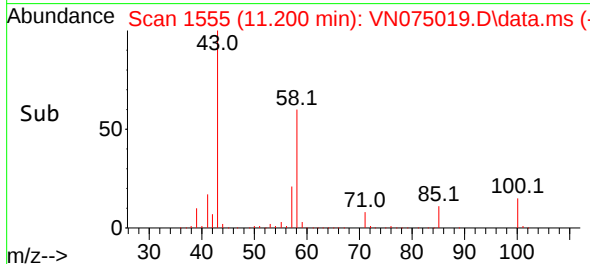
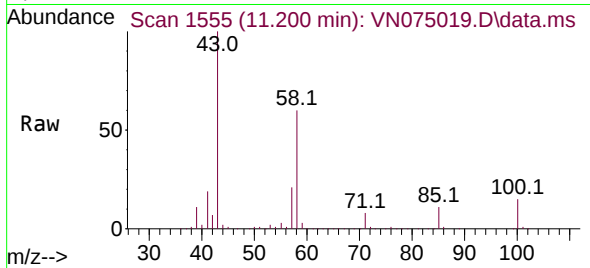
#59
2-Hexanone
Concen: 244.079 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 379107
Ion Ratio Lower Upper
43 100
58 59.2 29.6 88.8

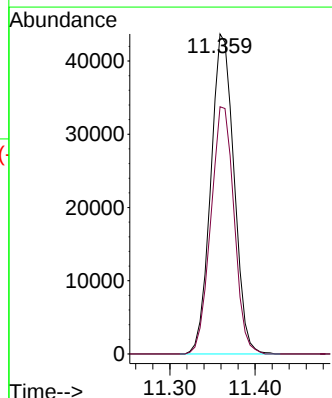
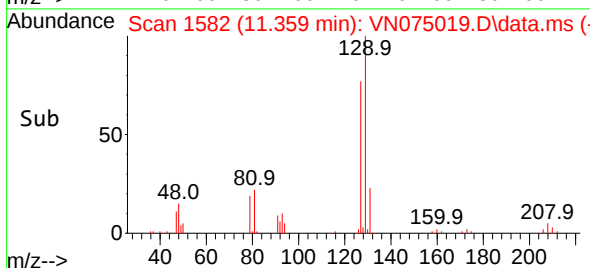
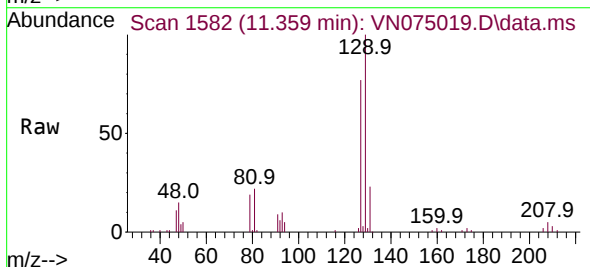
Manual Integrations
APPROVED

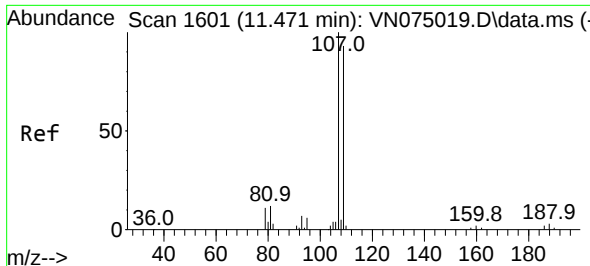
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
Dibromochloromethane
Concen: 51.772 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

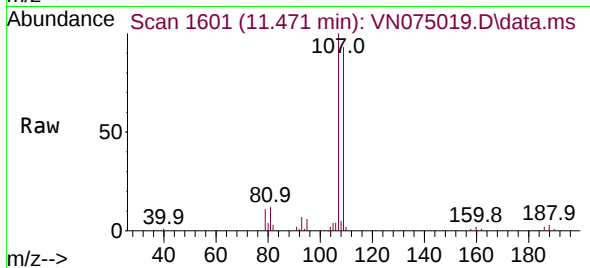
Tgt Ion:129 Resp: 82642
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8





#61
1,2-Dibromoethane
Concen: 51.411 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

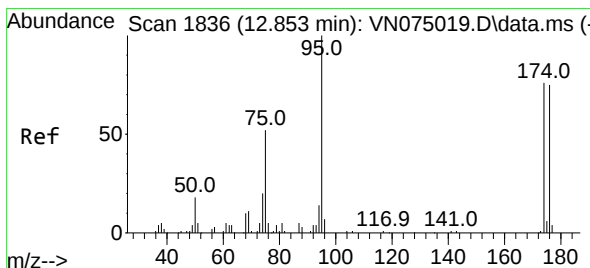
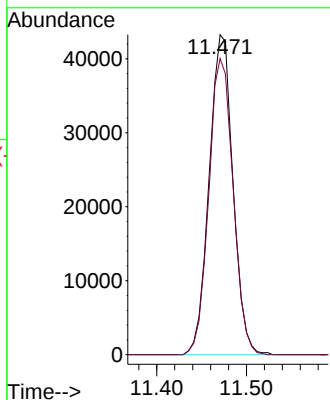
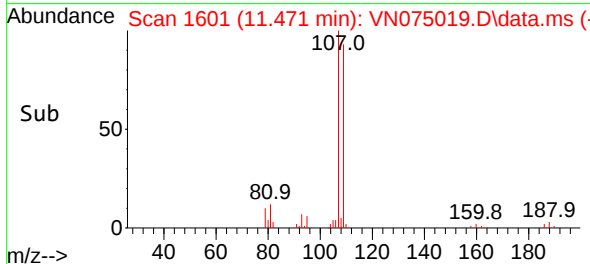
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 79714
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4

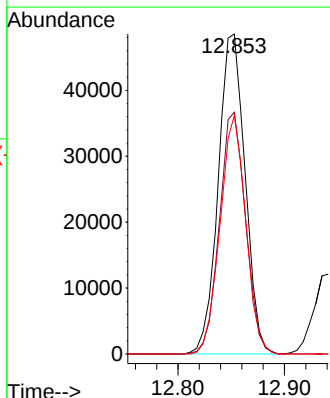
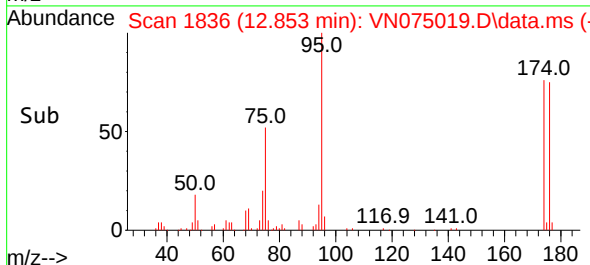
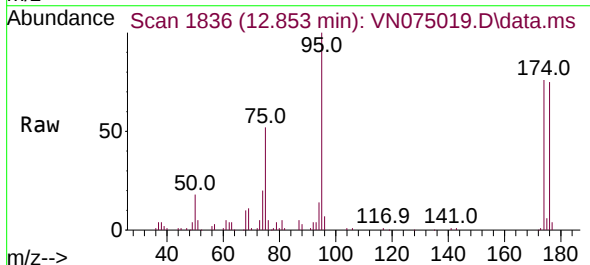
Manual Integrations
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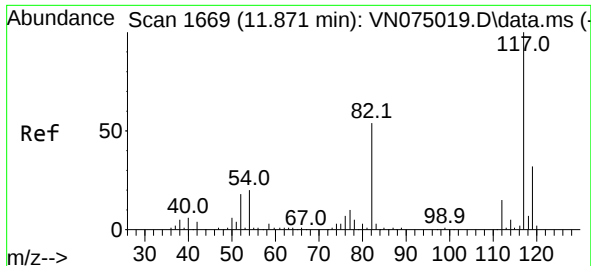
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#62
4-Bromofluorobenzene
Concen: 51.700 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

Tgt Ion: 95 Resp: 84848
Ion Ratio Lower Upper
95 100
174 73.7 0.0 147.4
176 71.1 0.0 142.2





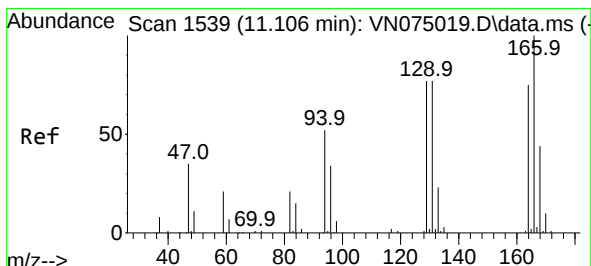
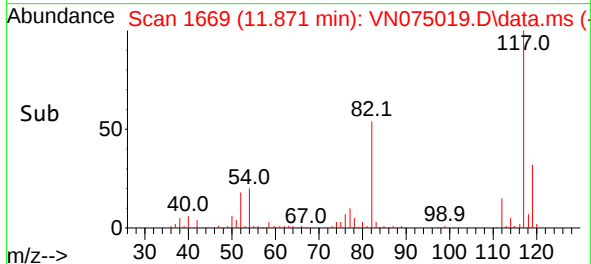
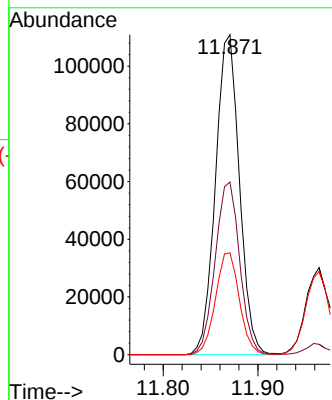
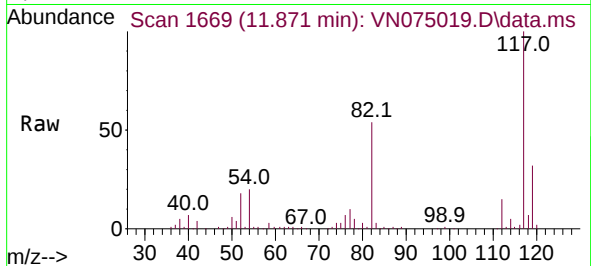
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 195235
Ion Ratio Lower Upper
117 100
82 53.9 43.1 64.7
119 31.9 25.5 38.3

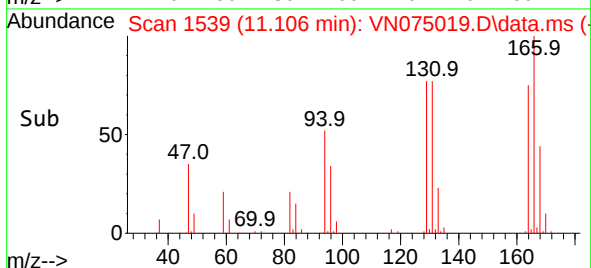
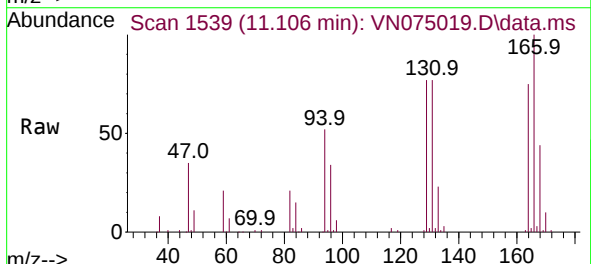
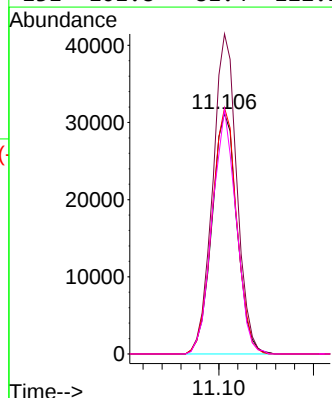
Manual Integrations
APPROVED

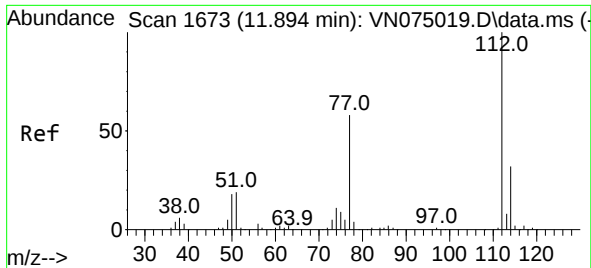
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#64
Tetrachloroethene
Concen: 47.522 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

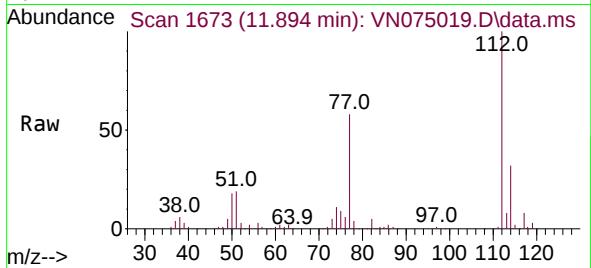
Tgt Ion:164 Resp: 56882
Ion Ratio Lower Upper
164 100
166 133.1 106.5 159.7
129 102.4 81.9 122.9
131 101.8 81.4 122.2





#65
Chlorobenzene
Concen: 48.718 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

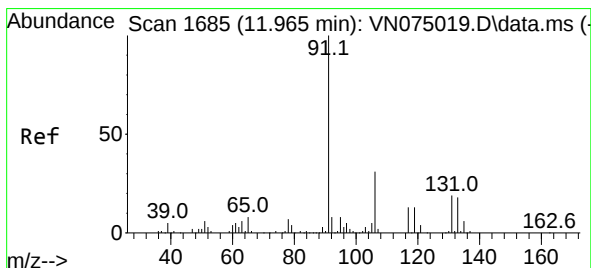
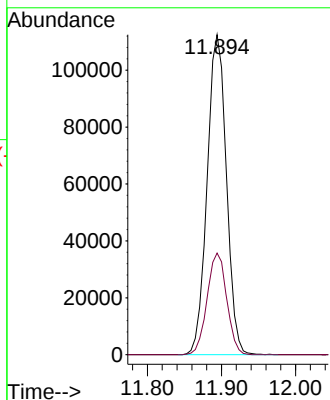
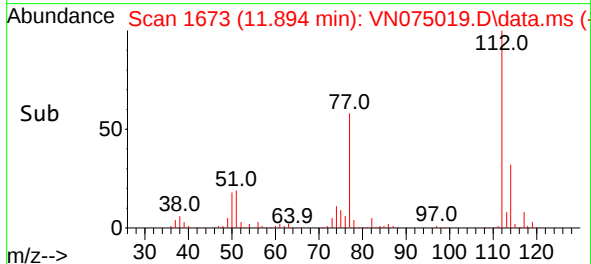
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:112 Resp: 203025
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

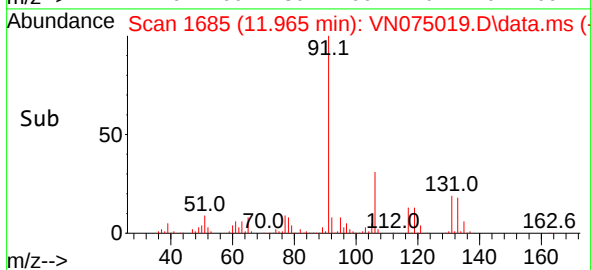
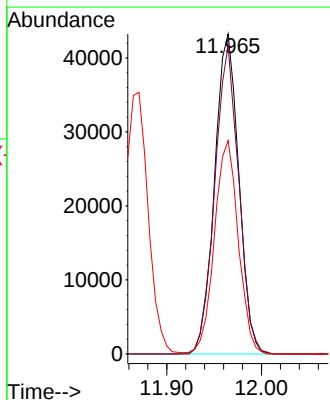
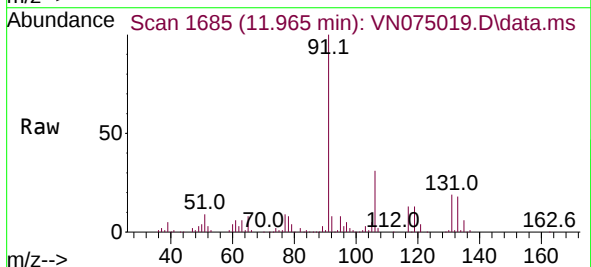
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 49.517 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

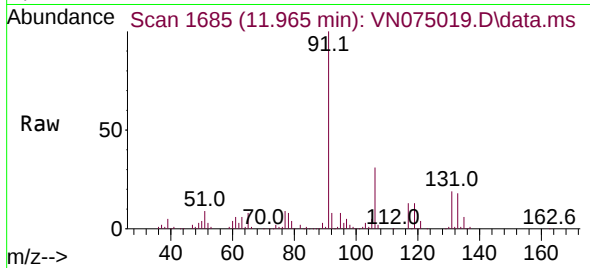
Tgt Ion:131 Resp: 76548
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.4
119 66.0 33.0 99.0





#67
Ethyl Benzene
Concen: 50.425 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

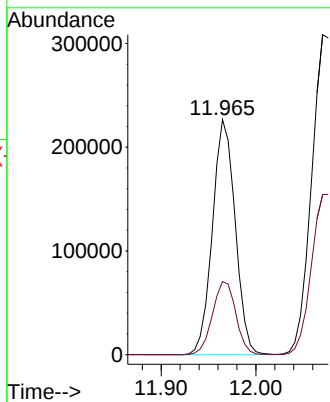
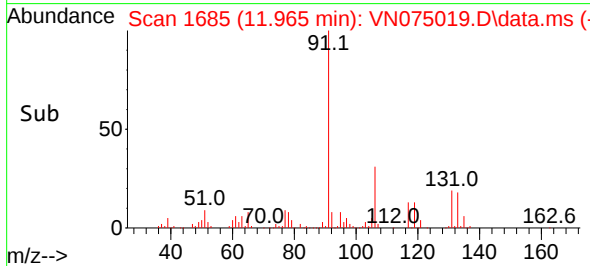
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



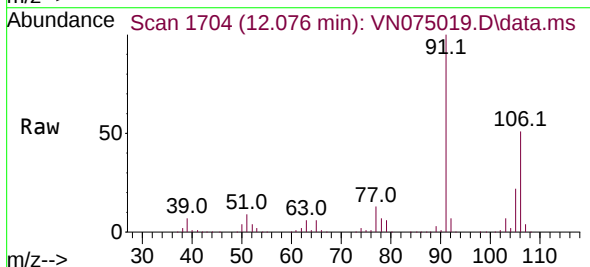
Tgt Ion: 91 Resp: 378069
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

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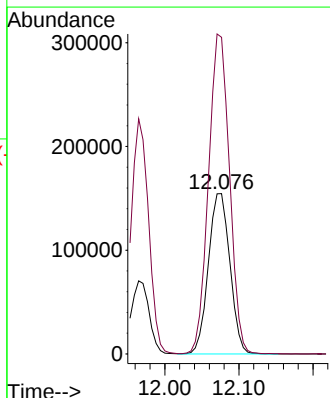
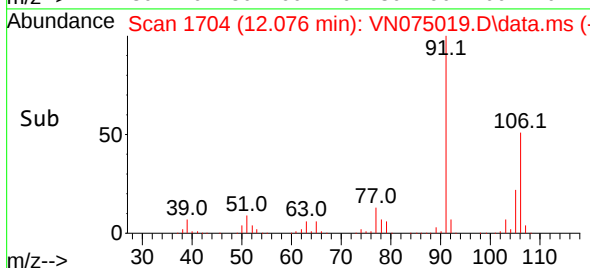
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

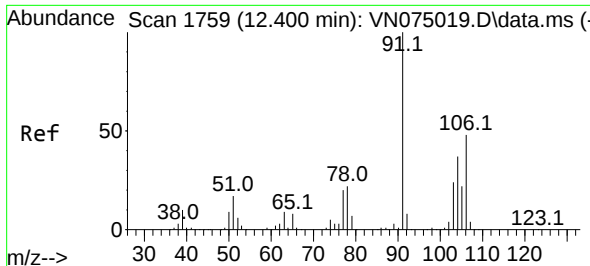


#68
m/p-Xylenes
Concen: 103.638 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13



Tgt Ion:106 Resp: 311785
Ion Ratio Lower Upper
106 100
91 195.0 156.0 234.0





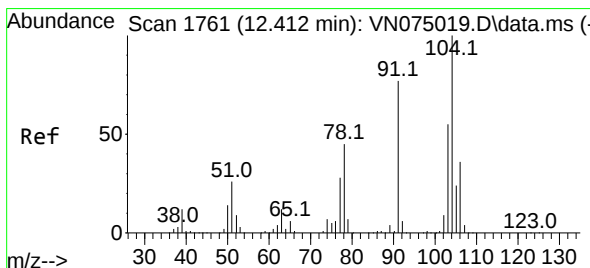
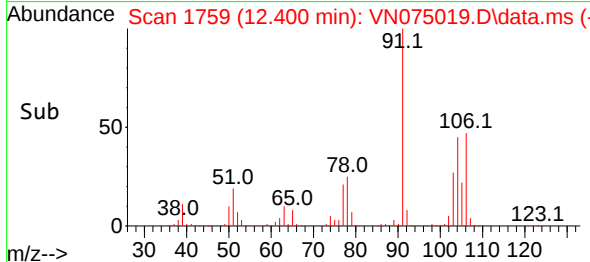
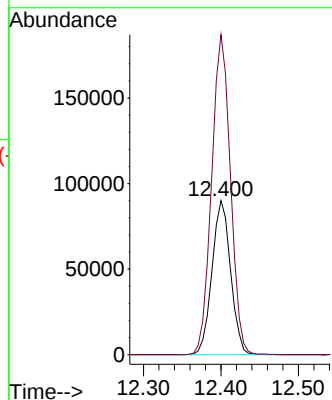
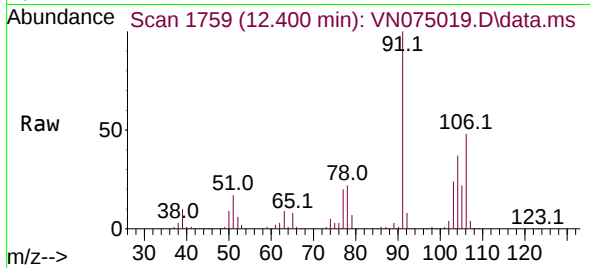
#69
o-Xylene
Concen: 50.427 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 15002
Ion Ratio Lower Upper
106 100
91 210.3 105.2 315.5

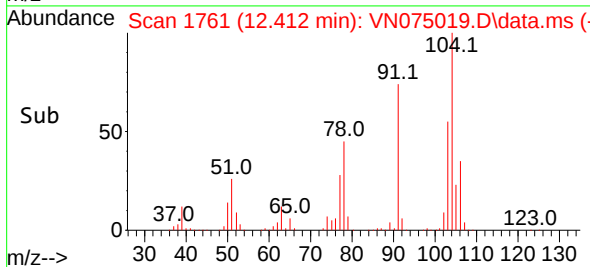
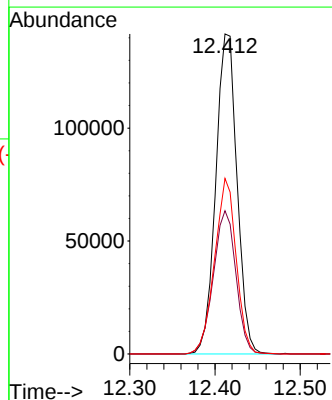
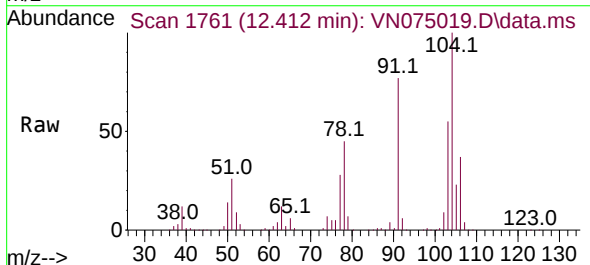
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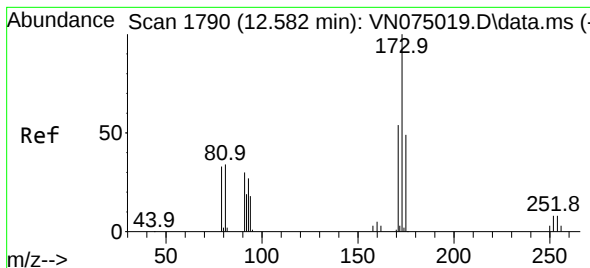
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#70
Styrene
Concen: 51.834 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

Tgt Ion:104 Resp: 245894
Ion Ratio Lower Upper
104 100
78 47.6 38.1 57.1
103 55.7 44.6 66.8





#71

Bromoform

Concen: 50.743 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN075019.D

Acq: 26 Oct 2022 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

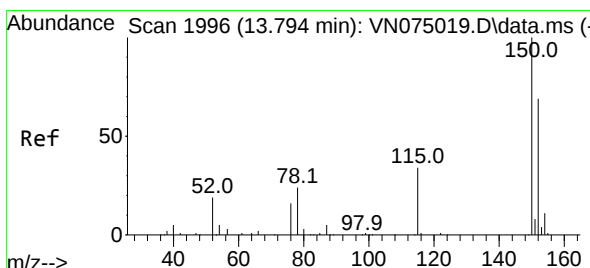
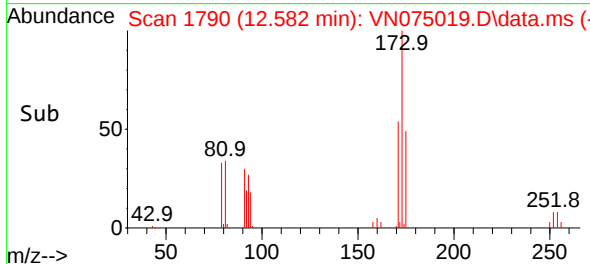
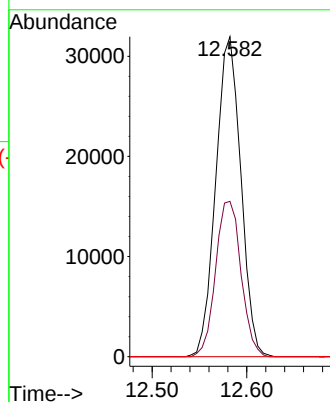
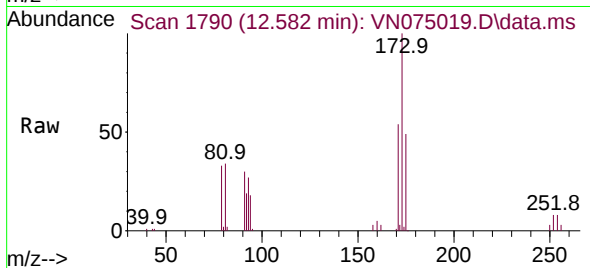
Tgt Ion:173 Resp: 5873
 Ion Ratio Lower Upper
 173 100
 175 49.3 24.6 74.0
 254 0.0 0.0 0.0

Manual Integrations

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Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

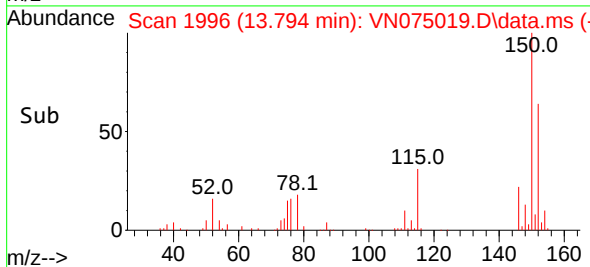
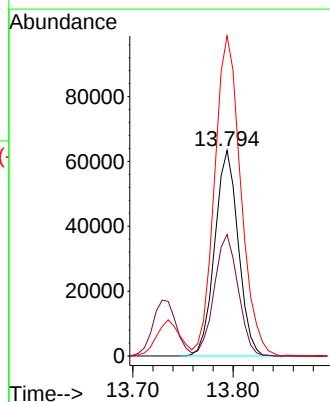
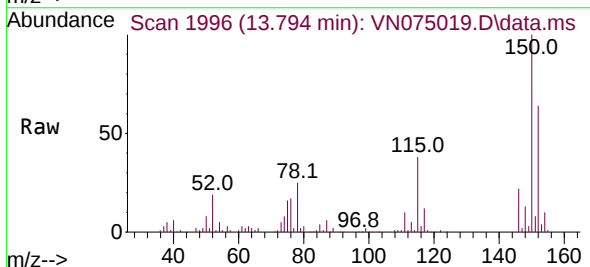
RT: 13.794 min Scan# 1996

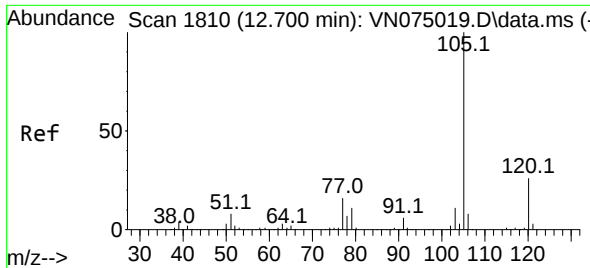
Delta R.T. 0.000 min

Lab File: VN075019.D

Acq: 26 Oct 2022 12:13

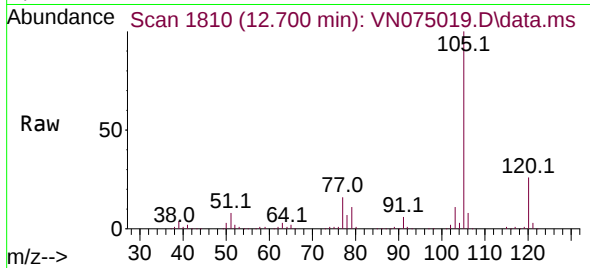
Tgt Ion:152 Resp: 102864
 Ion Ratio Lower Upper
 152 100
 115 60.4 30.2 90.6
 150 174.2 0.0 348.4





#73
Isopropylbenzene
Concen: 48.049 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

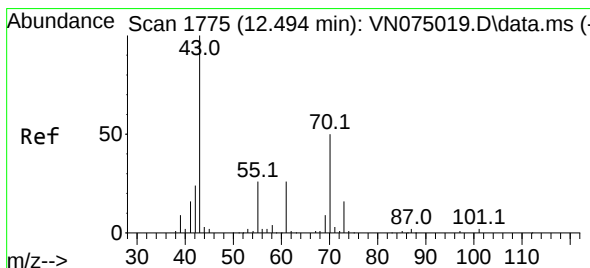
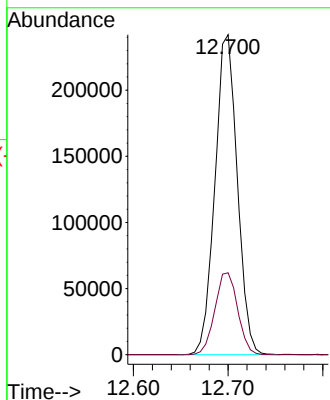
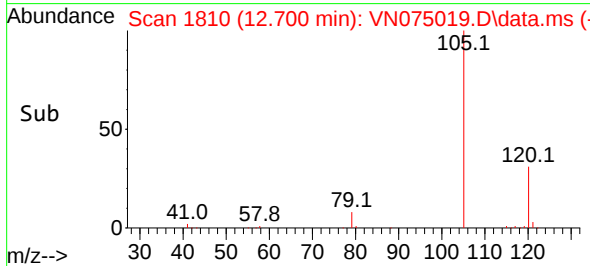
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



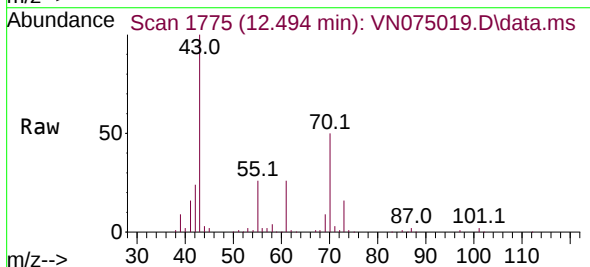
Tgt Ion:105 Resp: 396794
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1

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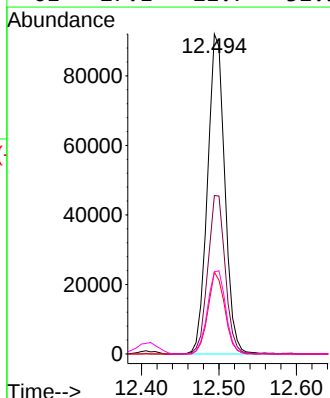
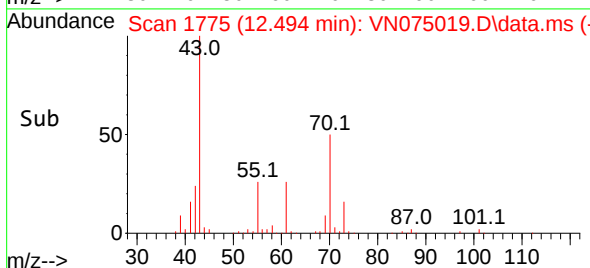
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

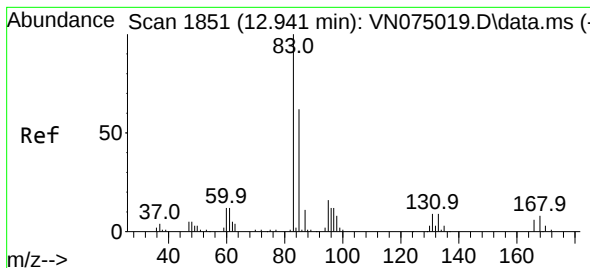


#74
N-ethyl acetate
Concen: 46.703 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13



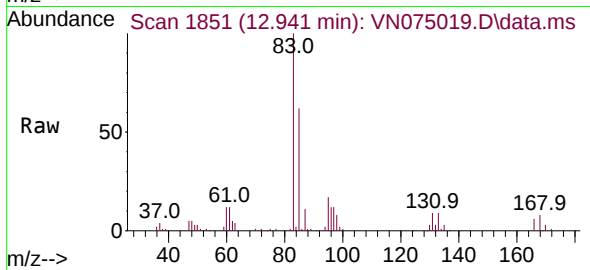
Tgt Ion: 43 Resp: 142643
Ion Ratio Lower Upper
43 100
70 49.8 39.8 59.8
55 24.9 19.9 29.9
61 27.1 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 45.781 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

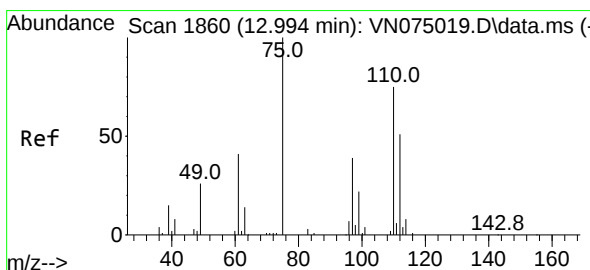
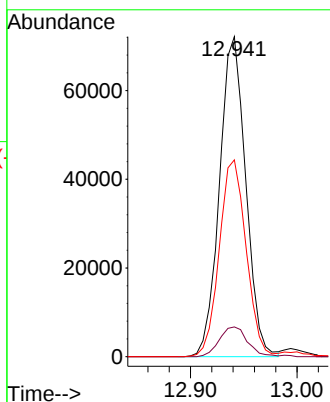
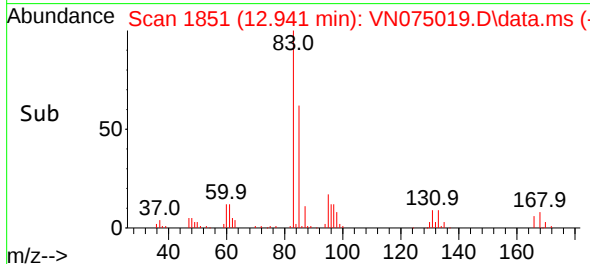
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



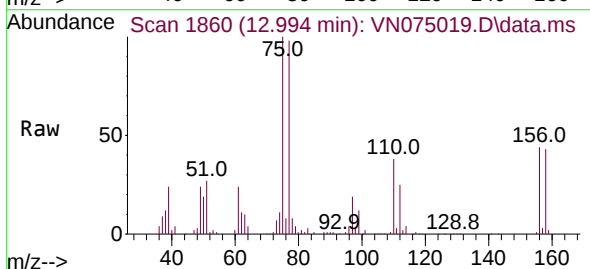
Tgt Ion: 83 Resp: 12332
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 63.1 31.6 94.7

Manual Integrations
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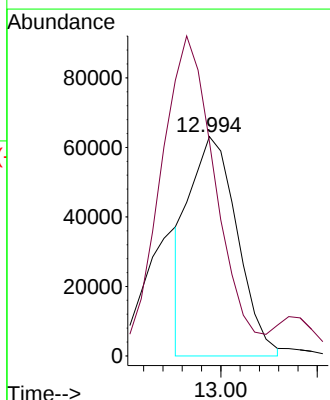
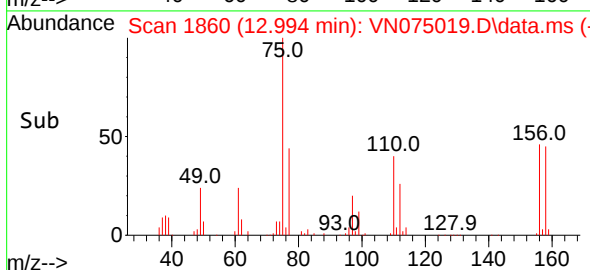
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

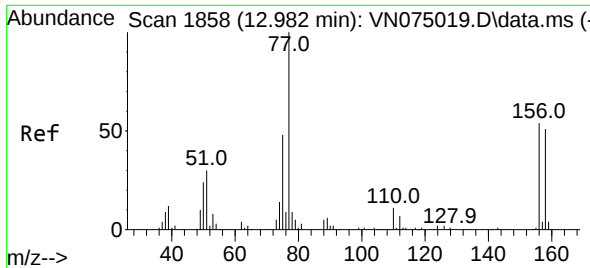


#76
1,2,3-Trichloropropane
Concen: 44.867 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13



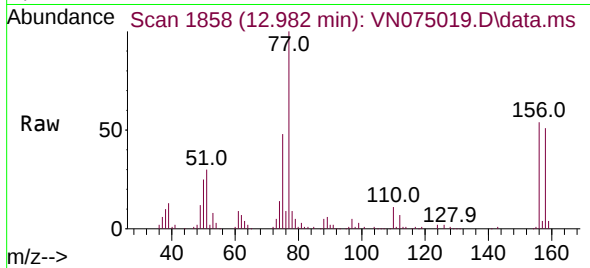
Tgt Ion: 75 Resp: 109188
Ion Ratio Lower Upper
75 100
77 169.4 75.6 226.8





#77
Bromobenzene
Concen: 46.878 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

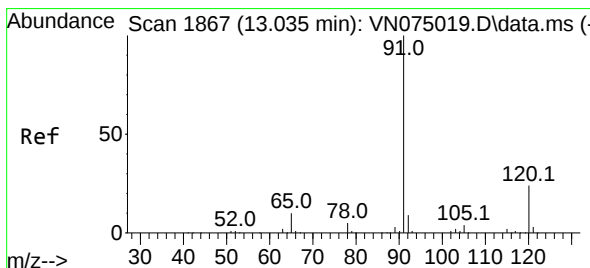
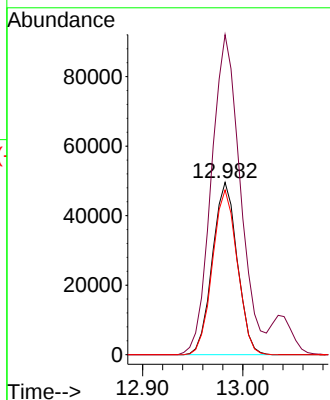
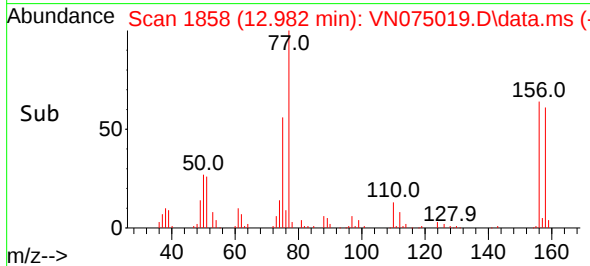
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



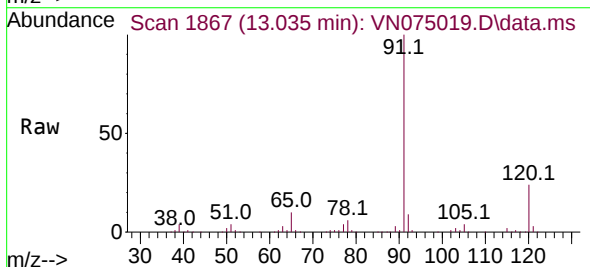
Tgt Ion:156 Resp: 85240
Ion Ratio Lower Upper
156 100
77 217.0 108.5 325.5
158 95.4 47.7 143.1

Manual Integrations
APPROVED

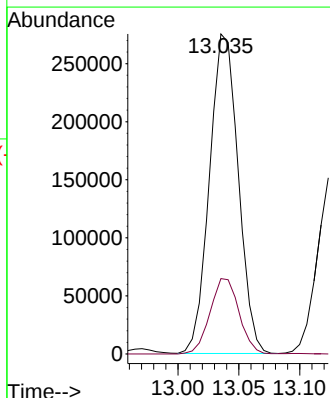
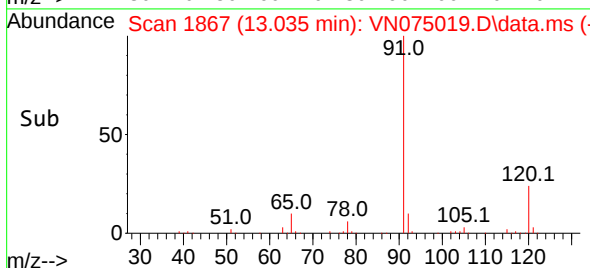
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

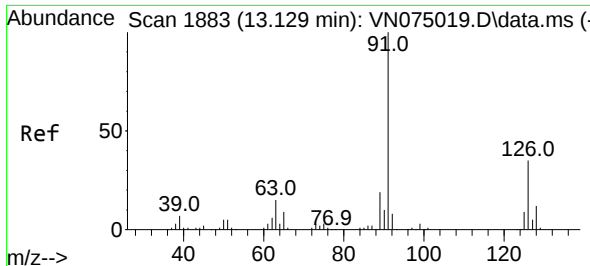


#78
n-propylbenzene
Concen: 48.788 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13



Tgt Ion: 91 Resp: 452346
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





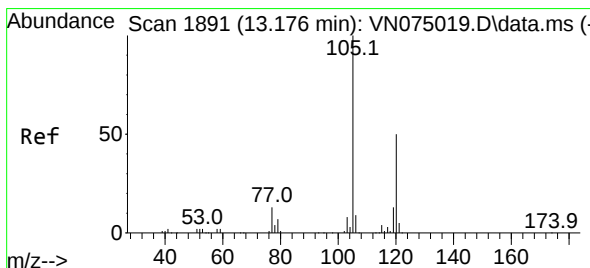
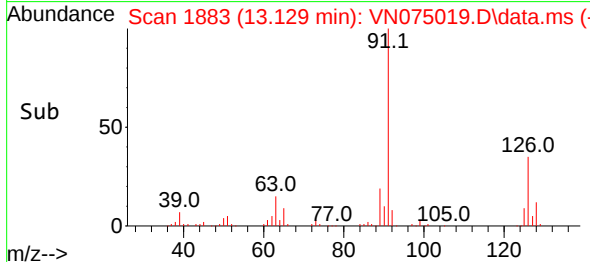
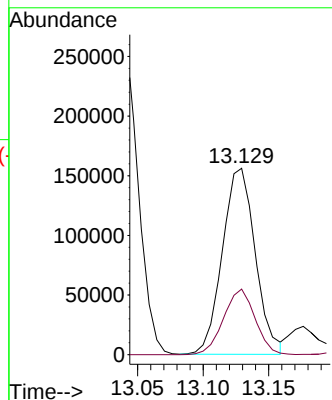
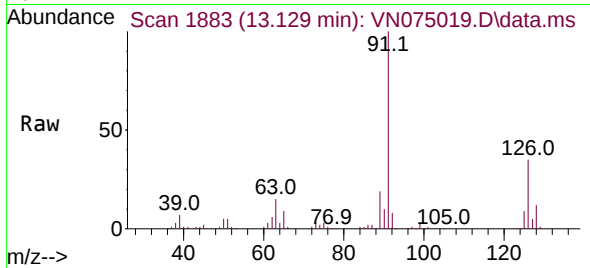
#79
2-Chlorotoluene
Concen: 48.103 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 27253
Ion Ratio Lower Upper
91 100
126 33.8 16.9 50.7

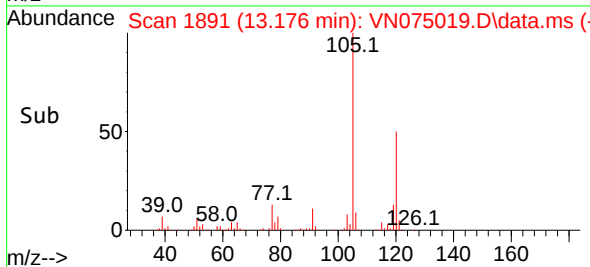
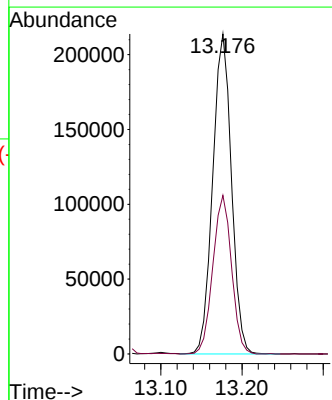
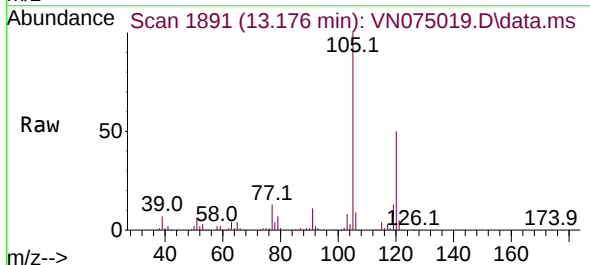
Manual Integrations
APPROVED

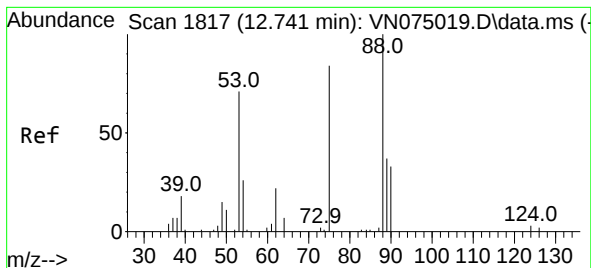
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 49.364 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

Tgt Ion:105 Resp: 342393
Ion Ratio Lower Upper
105 100
120 49.4 24.7 74.1





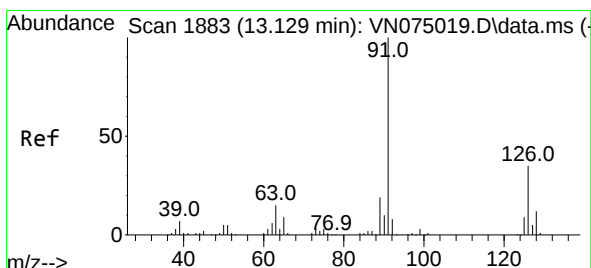
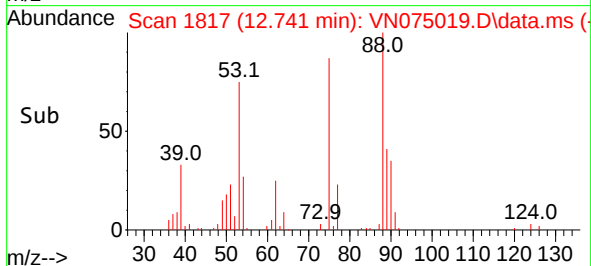
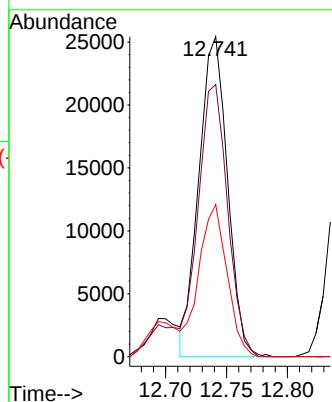
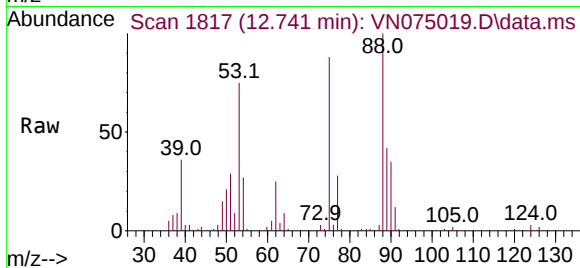
#81
trans-1,4-Dichloro-2-butene
Concen: 48.784 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 4150
Ion Ratio Lower Upper
75 100
53 98.1 78.5 117.7
89 47.1 37.7 56.5

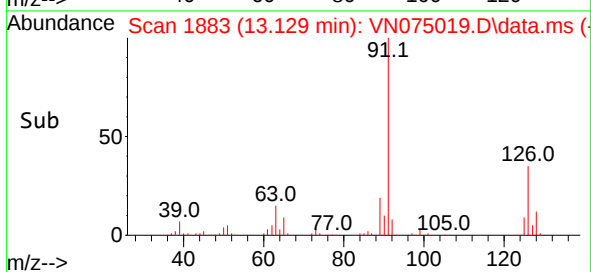
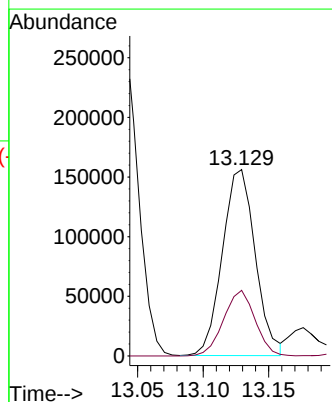
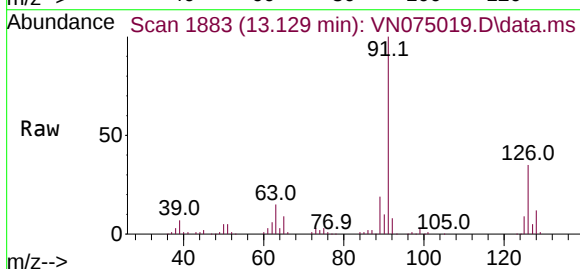
Manual Integrations
APPROVED

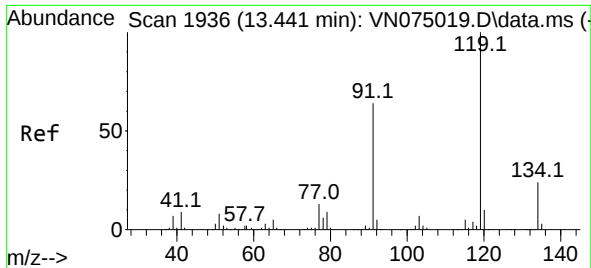
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#82
4-Chlorotoluene
Concen: 48.103 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

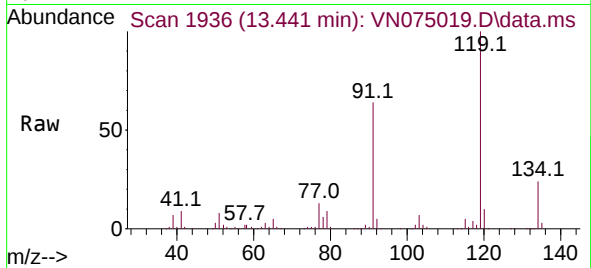
Tgt Ion: 91 Resp: 272537
Ion Ratio Lower Upper
91 100
126 33.8 16.9 50.7





#83
tert-Butylbenzene
Concen: 48.585 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

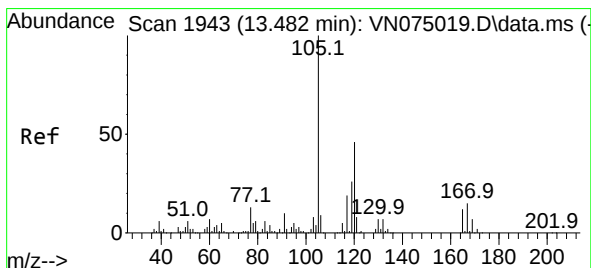
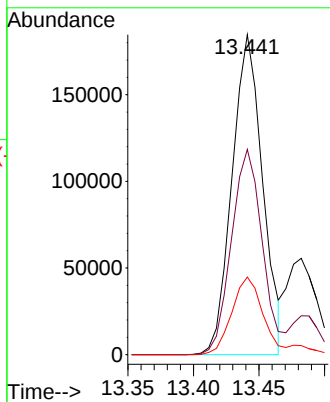
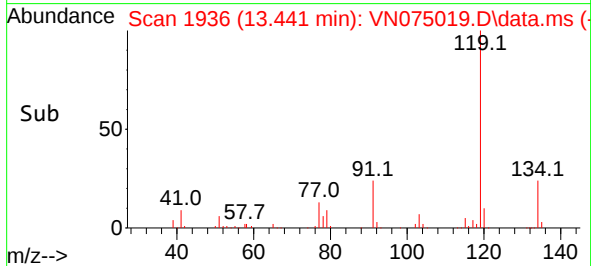
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



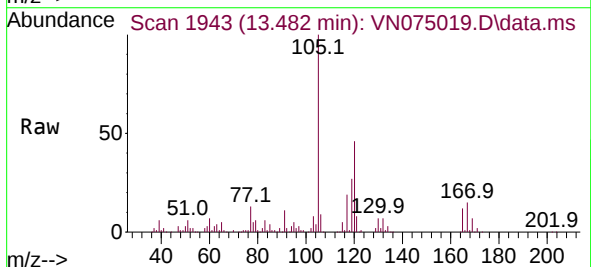
Tgt Ion:119 Resp: 299438
Ion Ratio Lower Upper
119 100
91 65.6 32.8 98.4
134 24.6 12.3 36.9

Manual Integrations
APPROVED

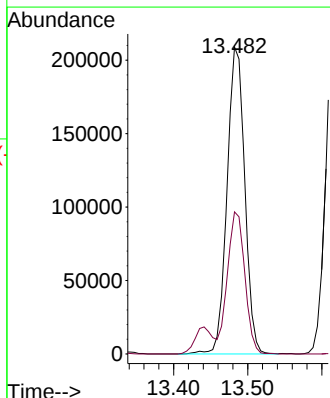
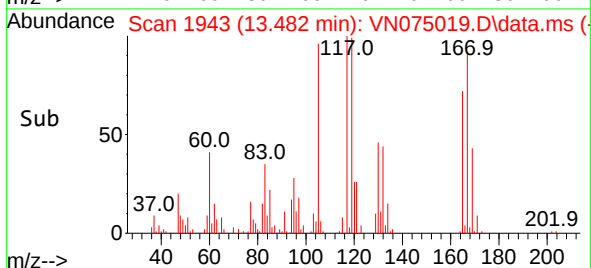
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

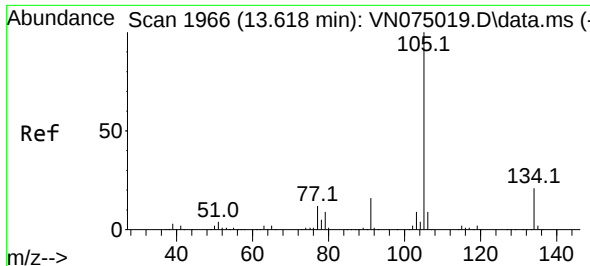


#84
1,2,4-Trimethylbenzene
Concen: 49.398 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13



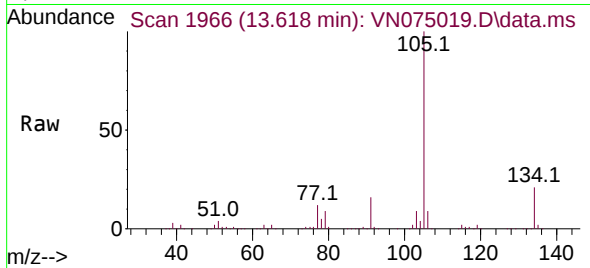
Tgt Ion:105 Resp: 346665
Ion Ratio Lower Upper
105 100
120 45.4 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 49.651 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075019.D
 Acq: 26 Oct 2022 12:13

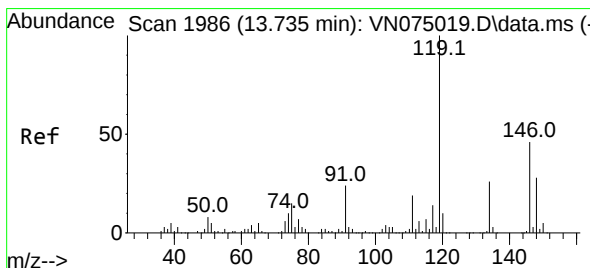
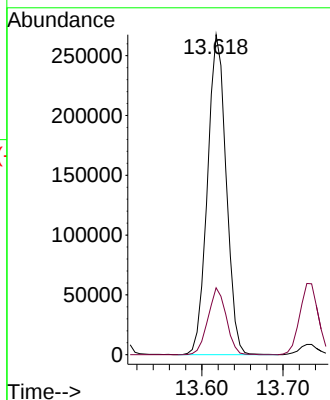
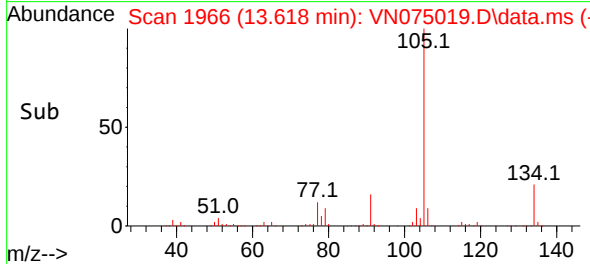
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



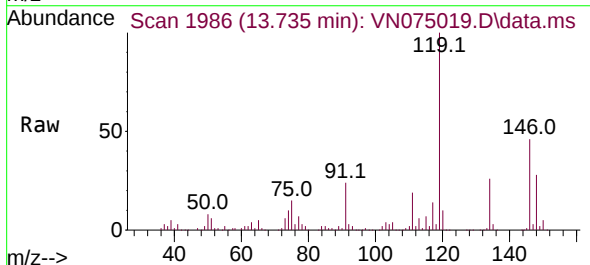
Tgt Ion:105 Resp: 428079
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6

Manual Integrations
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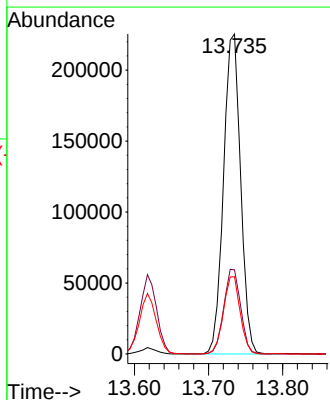
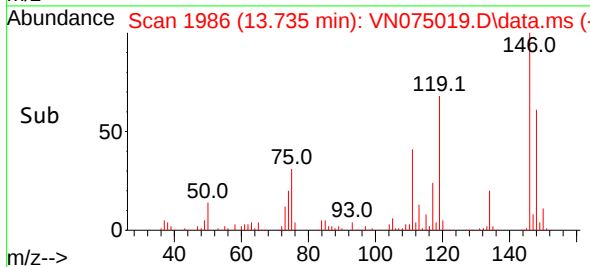
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022

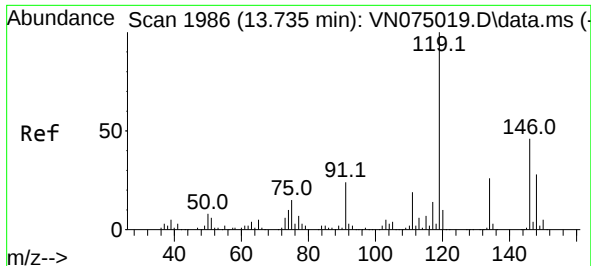


#86
 p-Isopropyltoluene
 Concen: 50.645 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075019.D
 Acq: 26 Oct 2022 12:13



Tgt Ion:119 Resp: 360614
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 23.7 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 48.945 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075019.D

Acq: 26 Oct 2022 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

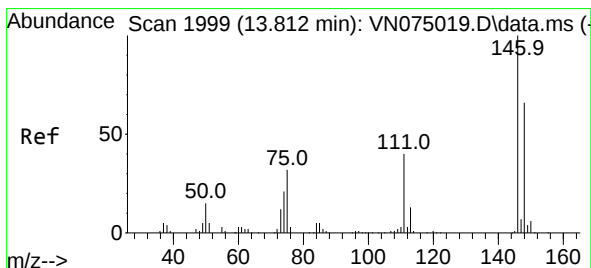
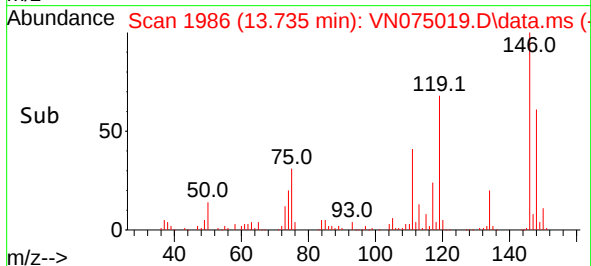
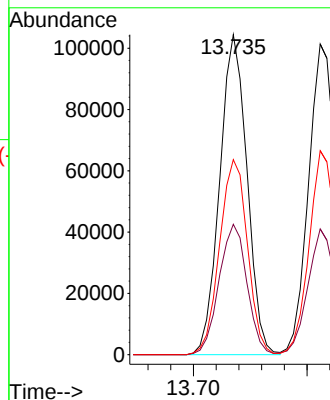
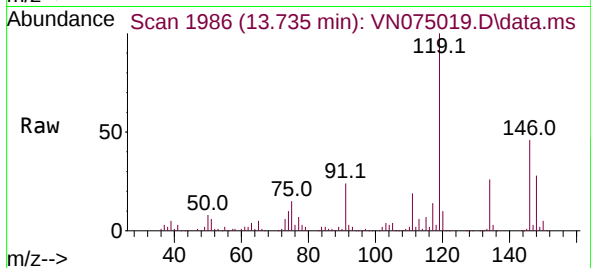
Tgt Ion:146 Resp: 174250
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.5
 148 62.3 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#88

1,4-Dichlorobenzene

Concen: 48.663 ug/l

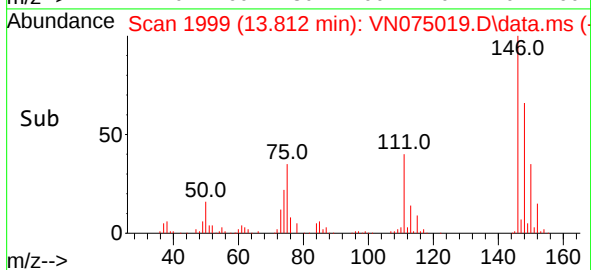
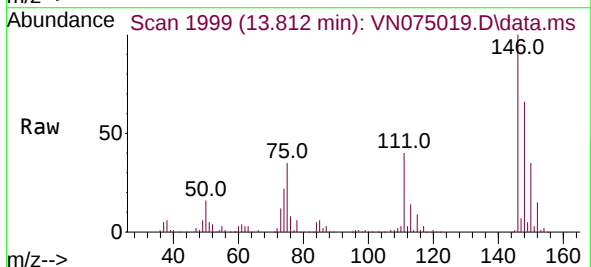
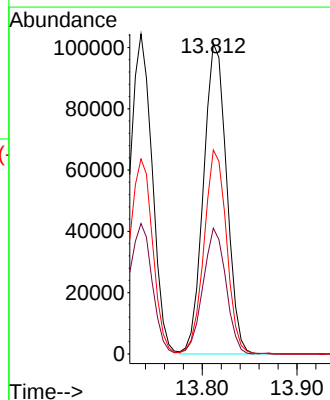
RT: 13.812 min Scan# 1999

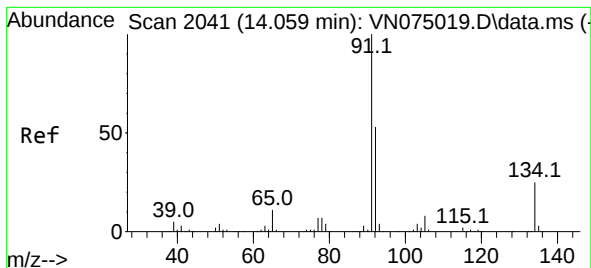
Delta R.T. 0.000 min

Lab File: VN075019.D

Acq: 26 Oct 2022 12:13

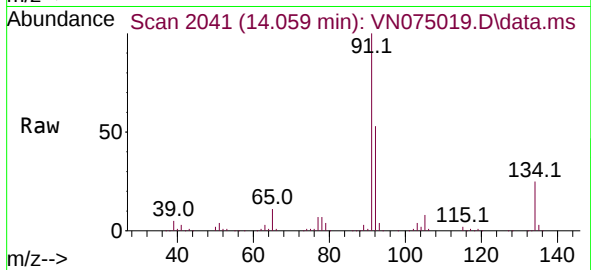
Tgt Ion:146 Resp: 171463
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.1 60.3
 148 63.8 31.9 95.7





#89
n-Butylbenzene
Concen: 51.521 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

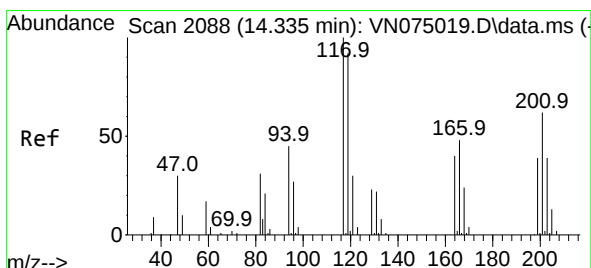
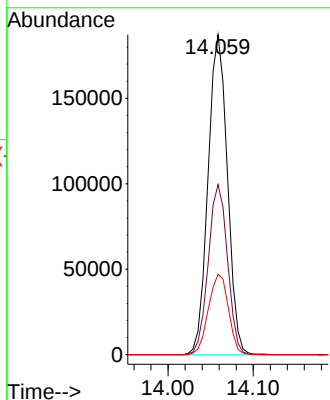
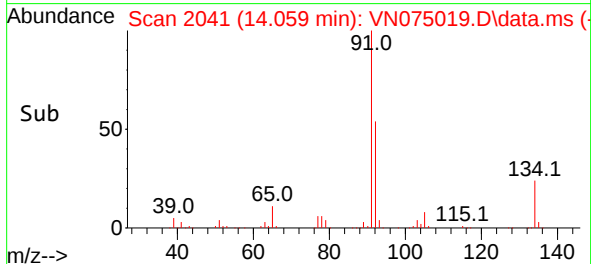
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 29541
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.4
134 26.0 13.0 39.0

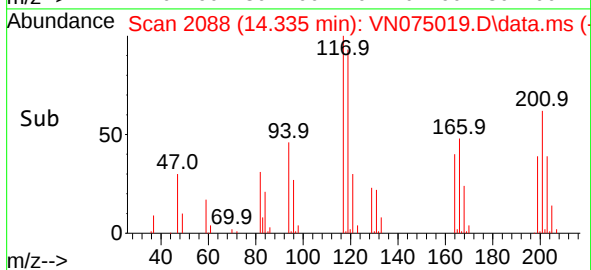
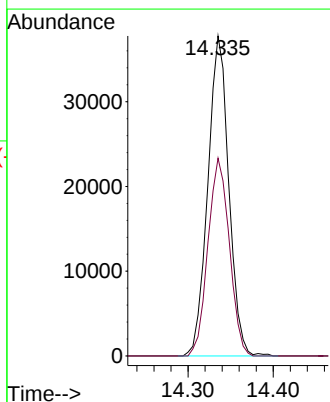
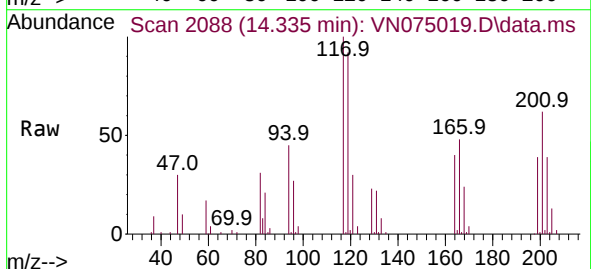
Manual Integrations
APPROVED

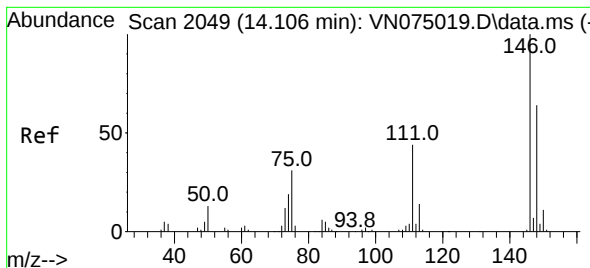
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#90
Hexachloroethane
Concen: 49.396 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

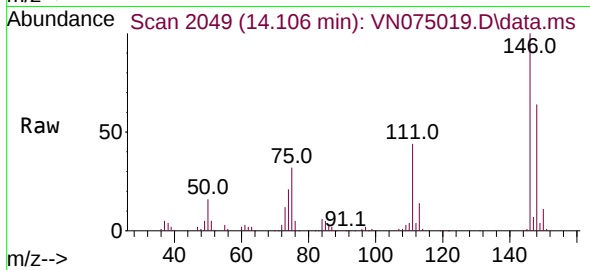
Tgt Ion:117 Resp: 64488
Ion Ratio Lower Upper
117 100
201 63.0 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 48.769 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

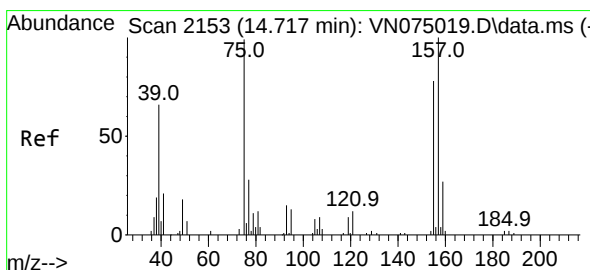
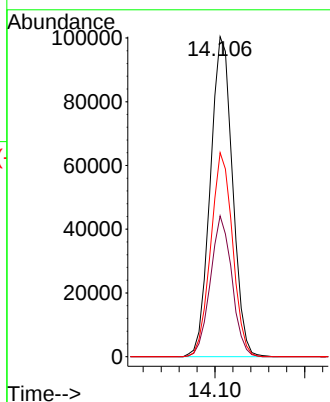
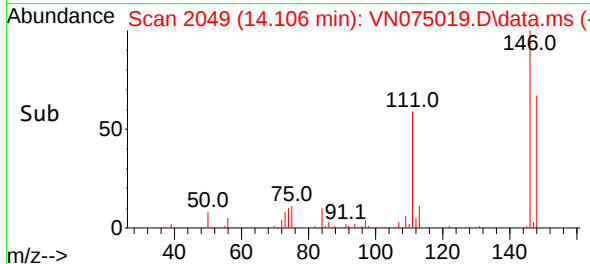
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



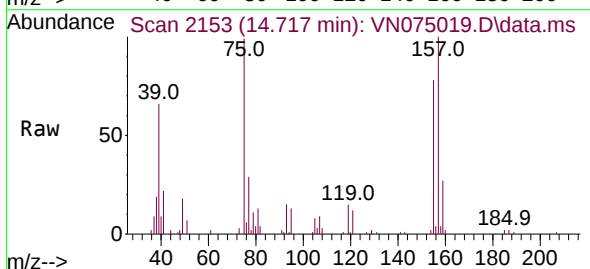
Tgt Ion:146 Resp: 172614
Ion Ratio Lower Upper
146 100
111 42.6 21.3 63.9
148 62.8 31.4 94.2

Manual Integrations
APPROVED

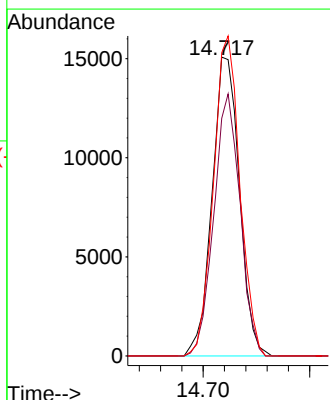
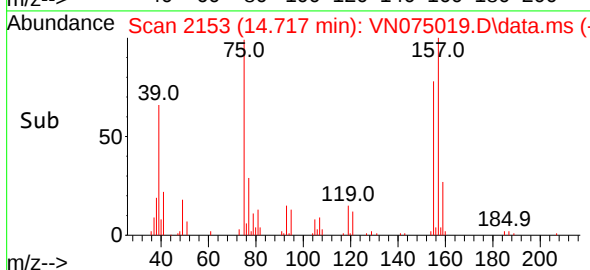
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

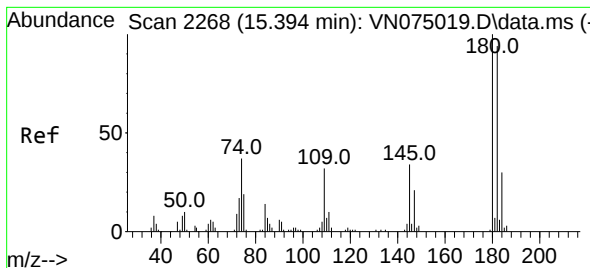


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.220 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13



Tgt Ion: 75 Resp: 26860
Ion Ratio Lower Upper
75 100
155 84.2 42.1 126.3
157 103.4 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 51.126 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN075019.D

Acq: 26 Oct 2022 12:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

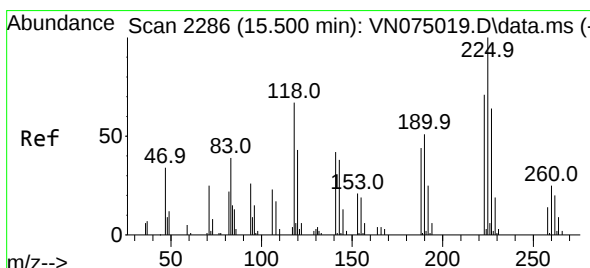
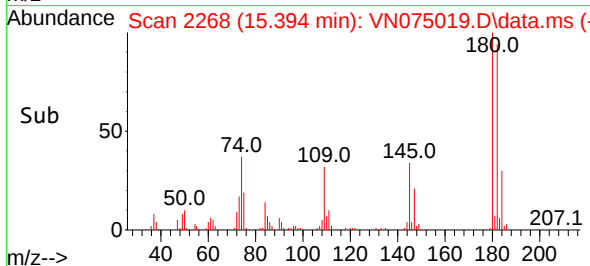
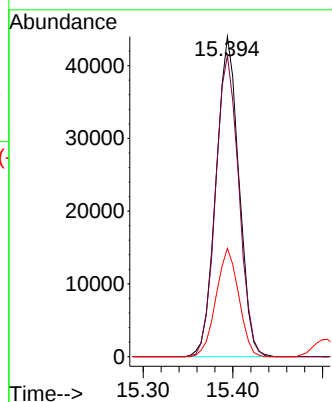
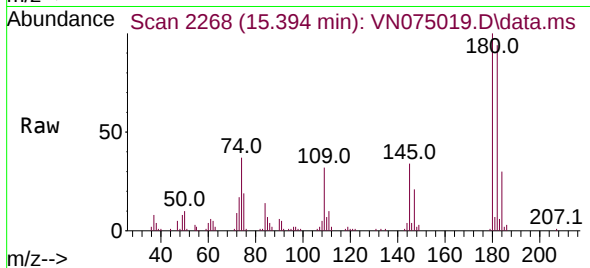
Tgt Ion:	180	Resp:	7786
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.8	143.4
145	33.5	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#94

Hexachlorobutadiene

Concen: 46.853 ug/l

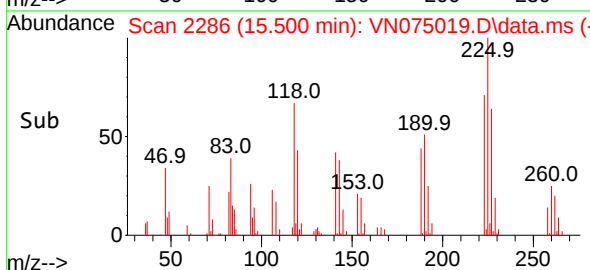
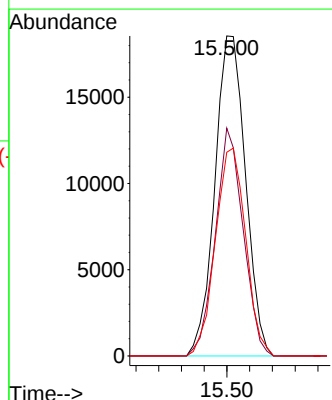
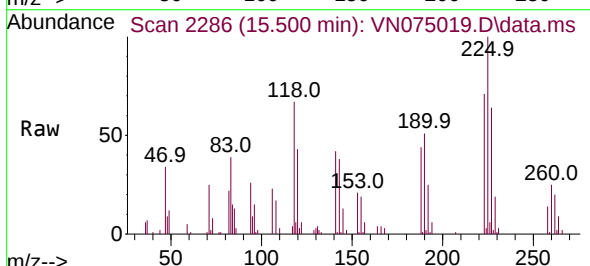
RT: 15.500 min Scan# 2286

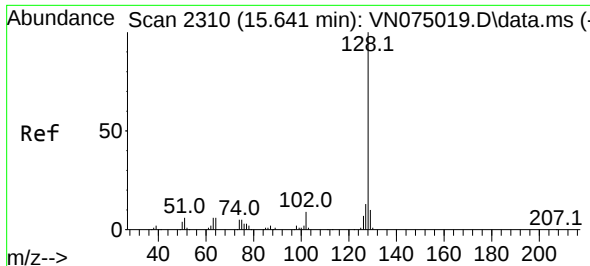
Delta R.T. 0.000 min

Lab File: VN075019.D

Acq: 26 Oct 2022 12:13

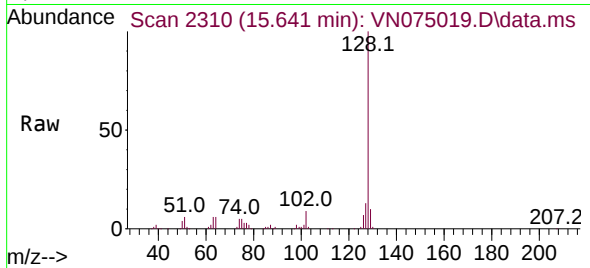
Tgt Ion:	225	Resp:	34788
Ion Ratio	Lower	Upper	
225	100		
223	64.6	32.3	96.9
227	64.1	32.0	96.2





#95
Naphthalene
Concen: 51.304 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

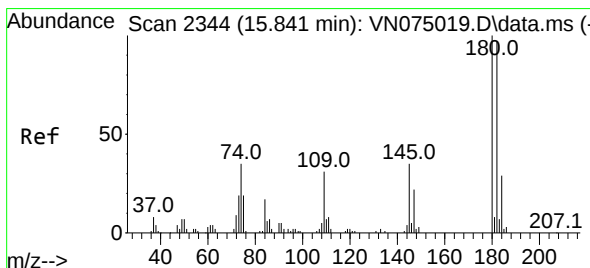
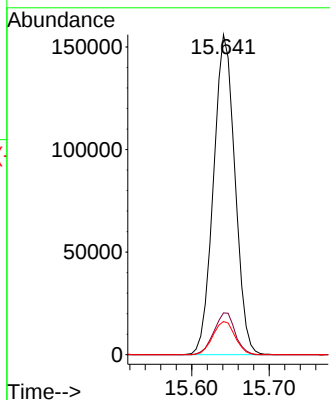
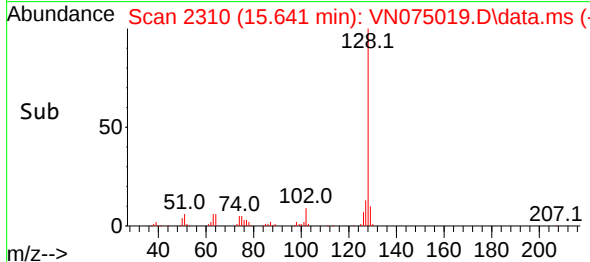
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 300489
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#96
1,2,3-Trichlorobenzene
Concen: 49.965 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075019.D
Acq: 26 Oct 2022 12:13

Tgt Ion:180 Resp: 75612
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.8
145 35.3 17.6 52.9

