

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110722\
 Data File : VN075183.D
 Acq On : 07 Nov 2022 12:56
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/08/2022
 Supervised By : Mahesh Dadoda 11/08/2022

Quant Time: Nov 08 01:02:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	110167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	193532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	181694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	71694	48.299	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.600%		
35) Dibromofluoromethane	8.171	113	60860	53.568	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.140%		
50) Toluene-d8	10.571	98	231158	52.442	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.880%		
62) 4-Bromofluorobenzene	12.853	95	84530	54.592	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	65144	45.455	ug/l	94
3) Chloromethane	2.371	50	59830	39.303	ug/l	96
4) Vinyl Chloride	2.518	62	89102	41.030	ug/l	99
5) Bromomethane	2.912	94	63009	39.513	ug/l	93
6) Chloroethane	3.089	64	65407	42.002	ug/l	93
7) Trichlorofluoromethane	3.483	101	105648	47.623	ug/l	98
8) Diethyl Ether	3.965	74	37761	46.667	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	60375	49.280	ug/l	99
10) Methyl Iodide	4.589	142	84434	46.293	ug/l	99
11) Tert butyl alcohol	5.547	59	75679	218.624	ug/l #	84
12) 1,1-Dichloroethene	4.336	96	54327	46.521	ug/l	97
13) Acrolein	4.183	56	59973	211.814	ug/l	97
14) Allyl chloride	5.024	41	81286	47.659	ug/l	98
15) Acrylonitrile	5.730	53	178419	243.995	ug/l	98
16) Acetone	4.442	43	176875	281.415	ug/l	97
17) Carbon Disulfide	4.712	76	123582	42.082	ug/l	99
18) Methyl Acetate	5.036	43	104551	50.925	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	213016	49.078	ug/l	100
20) Methylene Chloride	5.277	84	67398	48.094	ug/l	89
21) trans-1,2-Dichloroethene	5.794	96	60351	47.200	ug/l	95
22) Diisopropyl ether	6.683	45	183144	48.658	ug/l	94
23) Vinyl Acetate	6.612	43	742370m	236.192	ug/l	
24) 1,1-Dichloroethane	6.577	63	116240	48.830	ug/l	98
25) 2-Butanone	7.488	43	244887	247.711	ug/l	100
26) 2,2-Dichloropropane	7.494	77	111437	50.886	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	76618	50.177	ug/l	96
28) Bromochloromethane	7.818	49	49478	49.306	ug/l	93
29) Tetrahydrofuran	7.847	42	153633	240.494	ug/l	99
30) Chloroform	7.971	83	129009	49.915	ug/l	98
31) Cyclohexane	8.259	56	96817	43.855	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	118425	50.456	ug/l	97
36) 1,1-Dichloropropene	8.377	75	91455	51.995	ug/l	97
37) Ethyl Acetate	7.571	43	91863	47.623	ug/l	99
38) Carbon Tetrachloride	8.365	117	106114	54.844	ug/l	99
39) Methylcyclohexane	9.606	83	118928	51.216	ug/l	98
40) Benzene	8.612	78	281473	52.264	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	48006	51.945	ug/l	99
42) 1,2-Dichloroethane	8.677	62	100056	51.065	ug/l	98
43) Isopropyl Acetate	8.694	43	149530	49.975	ug/l	98
44) Trichloroethene	9.353	130	72233	53.459	ug/l	100
45) 1,2-Dichloropropane	9.624	63	68732	53.627	ug/l	96
46) Dibromomethane	9.712	93	51892	51.968	ug/l	99
47) Bromodichloromethane	9.888	83	102077	52.789	ug/l	96
48) Methyl methacrylate	9.682	41	67382	49.093	ug/l	98
49) 1,4-Dioxane	9.700	88	37805	1051.858	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	493079	255.373	ug/l	99
52) Toluene	10.629	92	191285	53.133	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	109957	53.874	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	116050	53.608	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	76152	53.347	ug/l	97
56) Ethyl methacrylate	10.876	69	114463	52.568	ug/l	98
57) 1,3-Dichloropropane	11.165	76	125126	52.635	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	222084	263.824	ug/l	98
59) 2-Hexanone	11.200	43	378022	257.960	ug/l	99
60) Dibromochloromethane	11.365	129	83661	55.550	ug/l	98
61) 1,2-Dibromoethane	11.471	107	79601	54.414	ug/l	99
64) Tetrachloroethene	11.106	164	63713	57.196	ug/l	95
65) Chlorobenzene	11.894	112	204274	52.671	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	77438	53.825	ug/l	99
67) Ethyl Benzene	11.965	91	370408	53.085	ug/l	100
68) m/p-Xylenes	12.071	106	300280	107.252	ug/l	99
69) o-Xylene	12.400	106	147638	53.322	ug/l	95
70) Styrene	12.412	104	241697	54.746	ug/l	99
71) Bromoform	12.582	173	59187	54.948	ug/l #	99
73) Isopropylbenzene	12.700	105	386596	49.540	ug/l	99
74) N-amyl acetate	12.494	43	129847	44.988	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	117575	52.303	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	108069m	52.361	ug/l	
77) Bromobenzene	12.982	156	86245	50.192	ug/l	94
78) n-propylbenzene	13.035	91	444117	50.689	ug/l	100
79) 2-Chlorotoluene	13.129	91	262230	48.979	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	334449	51.026	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	38109	47.398	ug/l	99
82) 4-Chlorotoluene	13.129	91	262230	48.979	ug/l	99
83) tert-Butylbenzene	13.441	119	291891	50.118	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	343503	51.797	ug/l	100
85) sec-Butylbenzene	13.617	105	420277	51.584	ug/l	99
86) p-Isopropyltoluene	13.735	119	360427	53.565	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	178943	53.188	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	179570	53.931	ug/l	98
89) n-Butylbenzene	14.059	91	297230	54.855	ug/l	99
90) Hexachloroethane	14.335	117	61099	49.525	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	176164	52.670	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25311	48.084	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	83663	58.129	ug/l	98
94) Hexachlorobutadiene	15.506	225	39243	55.930	ug/l	98
95) Naphthalene	15.647	128	298357	53.906	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	83022	58.055	ug/l	99

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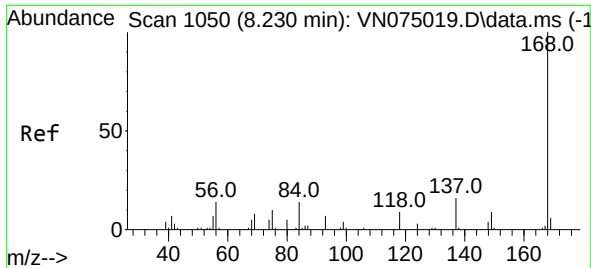
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

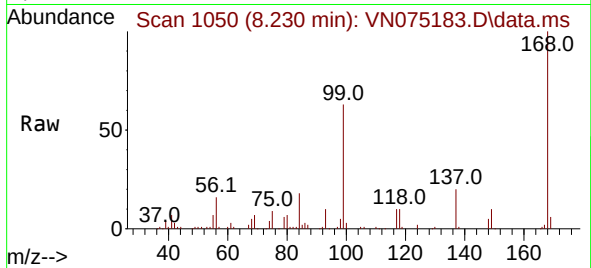
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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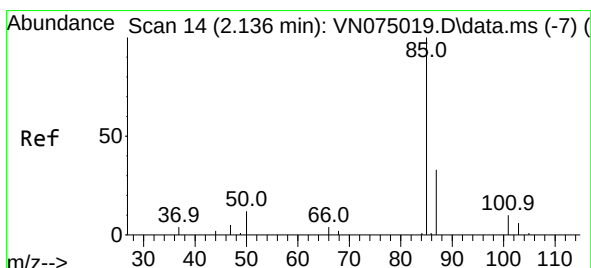
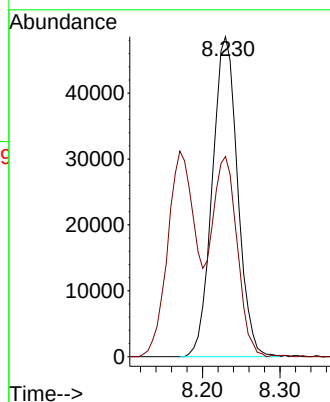
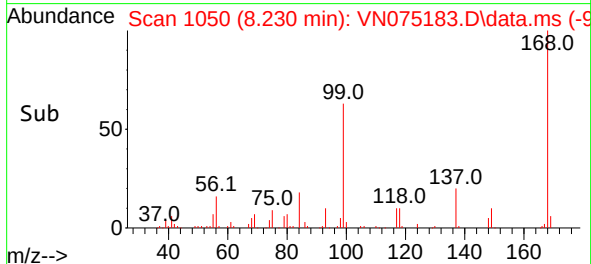
Instrument :
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Tgt Ion:168 Resp: 11016
Ion Ratio Lower Upper
168 100
99 62.1 51.6 77.4

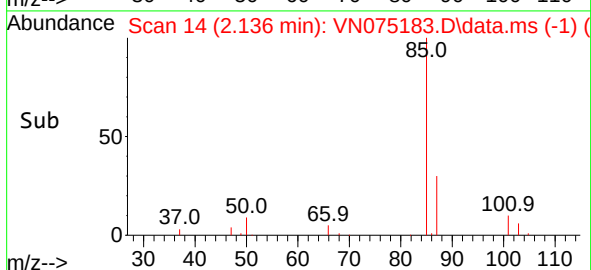
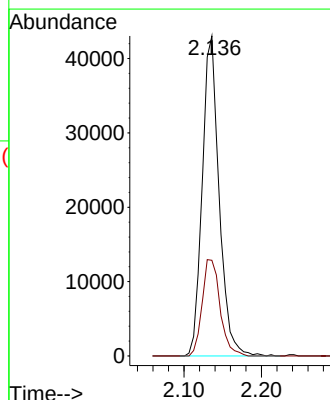
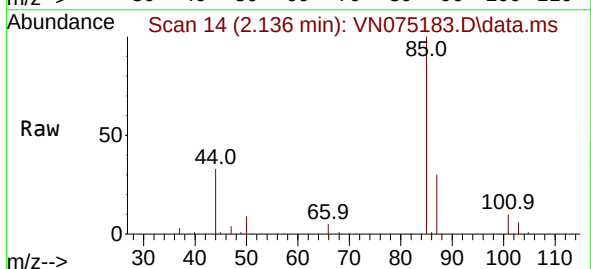
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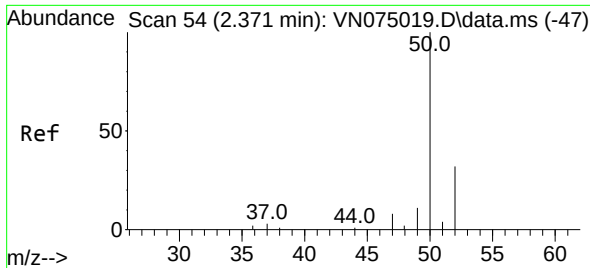
Reviewed By :John Carlone 11/08/2022
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#2
Dichlorodifluoromethane
Concen: 45.455 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075183.D
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Tgt Ion: 85 Resp: 65144
Ion Ratio Lower Upper
85 100
87 29.9 16.7 50.0





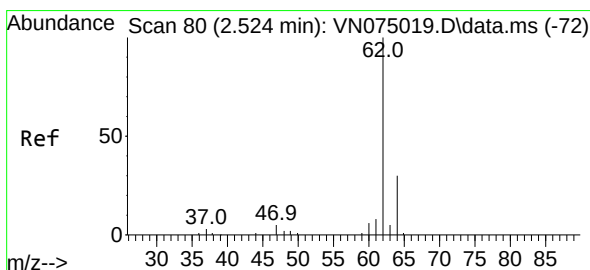
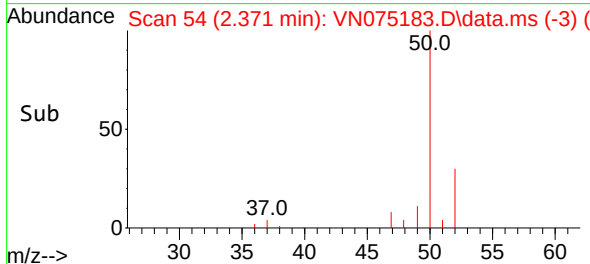
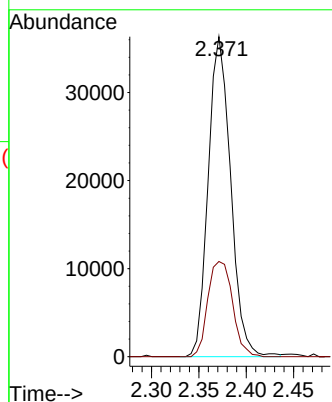
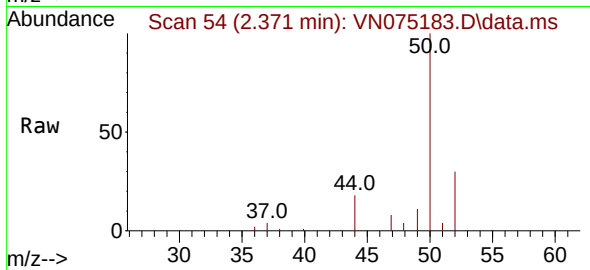
#3
Chloromethane
Concen: 39.303 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

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Tgt Ion: 50 Resp: 59830
Ion Ratio Lower Upper
50 100
52 29.8 25.8 38.6

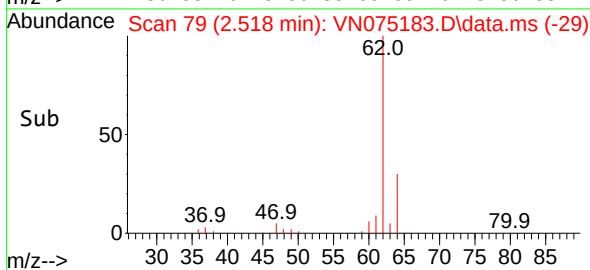
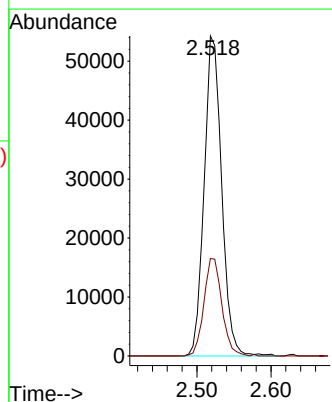
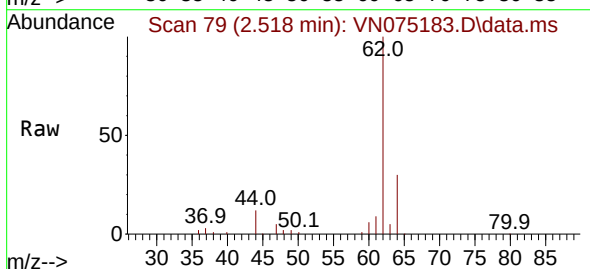
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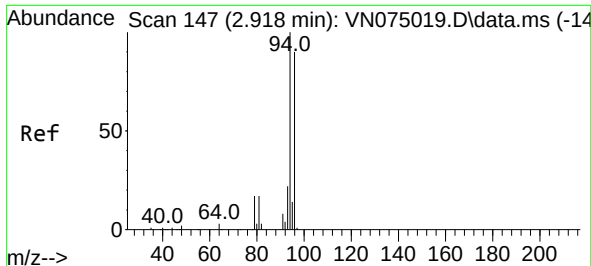
Reviewed By :John Carlone 11/08/2022
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#4
Vinyl Chloride
Concen: 41.030 ug/l
RT: 2.518 min Scan# 79
Delta R.T. -0.006 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

Tgt Ion: 62 Resp: 89102
Ion Ratio Lower Upper
62 100
64 30.4 24.0 36.0





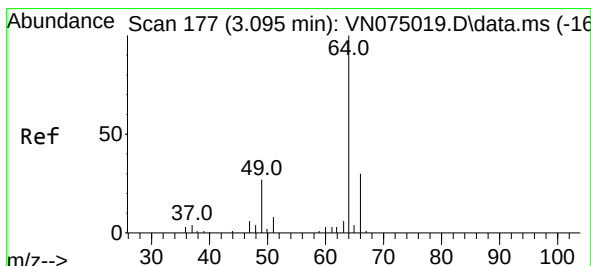
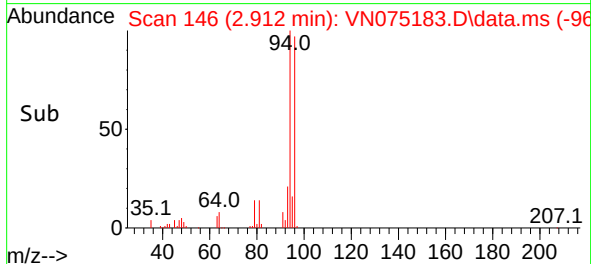
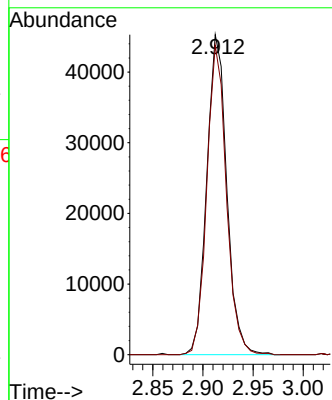
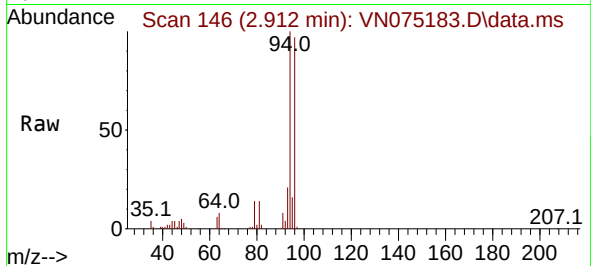
#5
Bromomethane
Concen: 39.513 ug/l
RT: 2.912 min Scan# 147
Delta R.T. -0.006 min
Lab File: VN075183.D
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Tgt Ion: 94 Resp: 63009
Ion Ratio Lower Upper
94 100
96 96.6 71.8 107.6

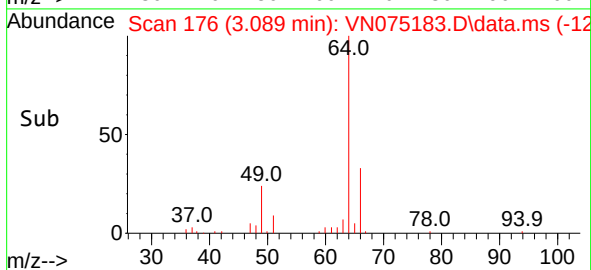
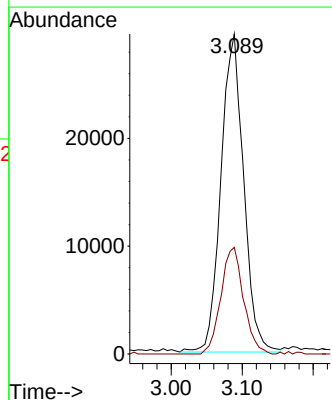
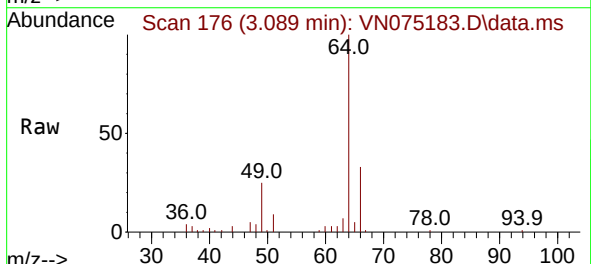
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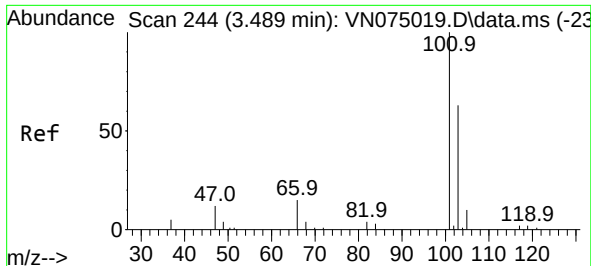
Reviewed By :John Carlone 11/08/2022
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#6
Chloroethane
Concen: 42.002 ug/l
RT: 3.089 min Scan# 176
Delta R.T. -0.006 min
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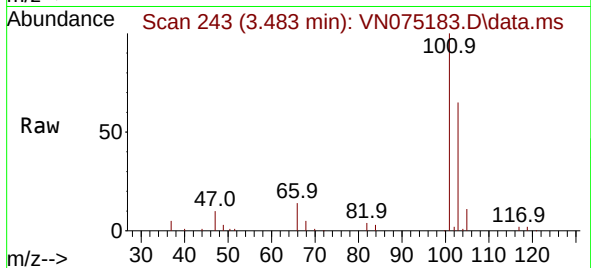
Tgt Ion: 64 Resp: 65407
Ion Ratio Lower Upper
64 100
66 33.5 23.8 35.8





#7
Trichlorofluoromethane
Concen: 47.623 ug/l
RT: 3.483 min Scan# 244
Delta R.T. -0.006 min
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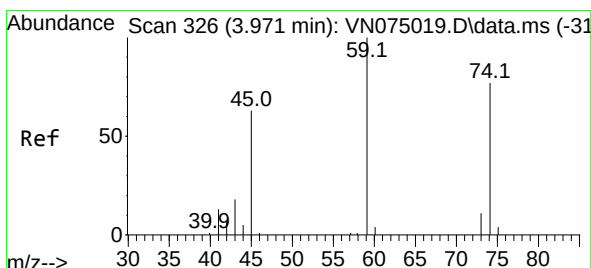
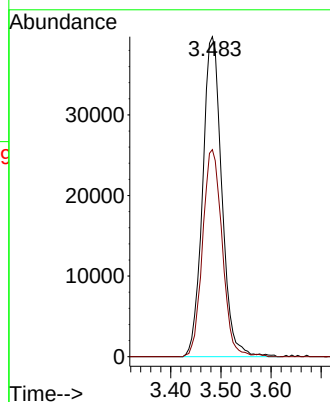
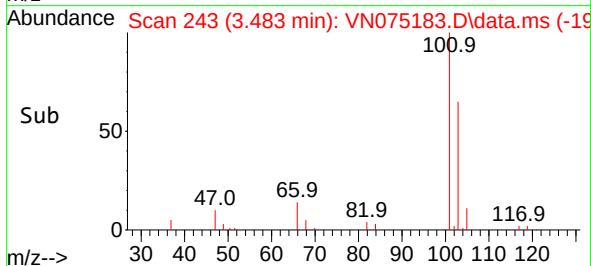
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 105648
Ion Ratio Lower Upper
101 100
103 64.7 50.5 75.7

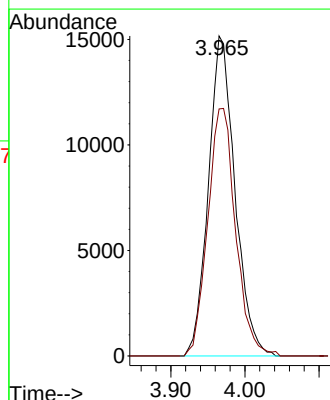
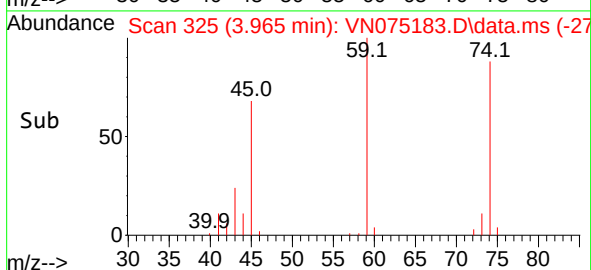
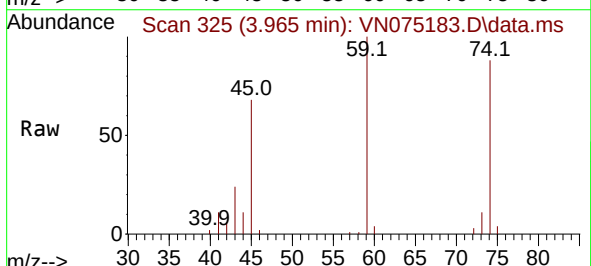
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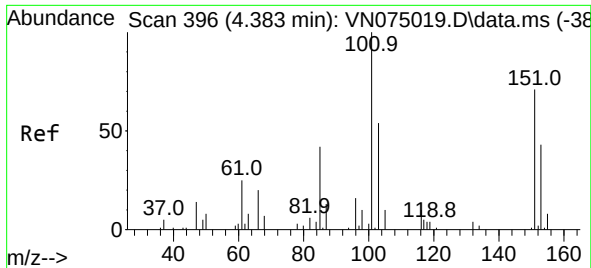
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#8
Diethyl Ether
Concen: 46.667 ug/l
RT: 3.965 min Scan# 325
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 37761
Ion Ratio Lower Upper
74 100
45 81.0 39.3 117.9





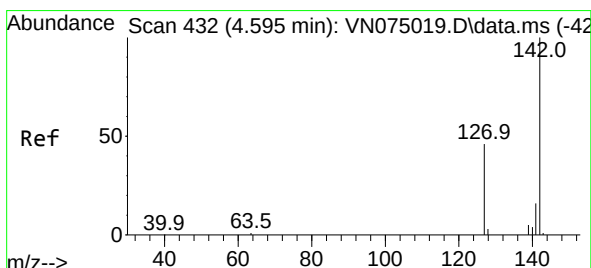
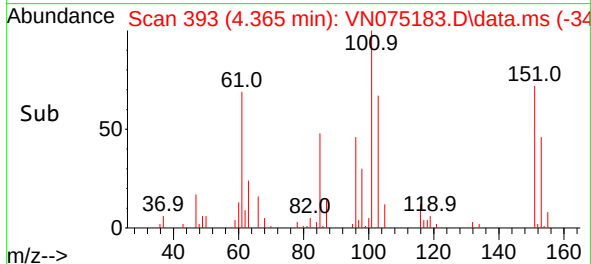
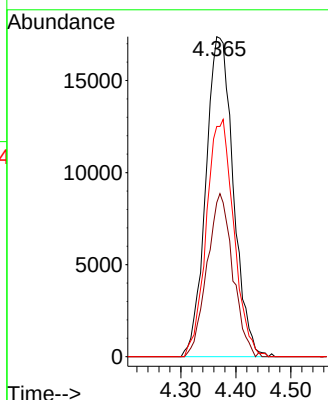
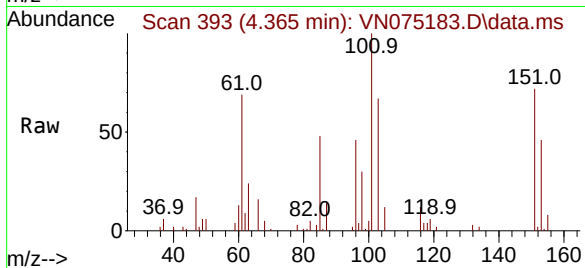
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.280 ug/l
RT: 4.365 min Scan# 396
Delta R.T. -0.018 min
Lab File: VN075183.D
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MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 60375
Ion Ratio Lower Upper
101 100
85 47.8 37.6 56.4
151 73.9 58.3 87.5

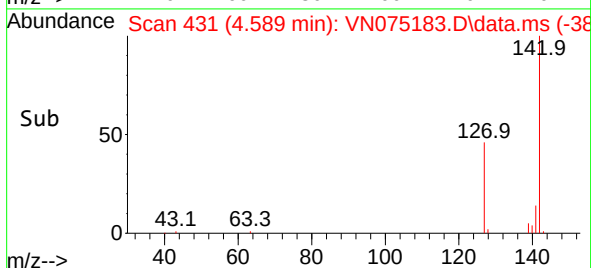
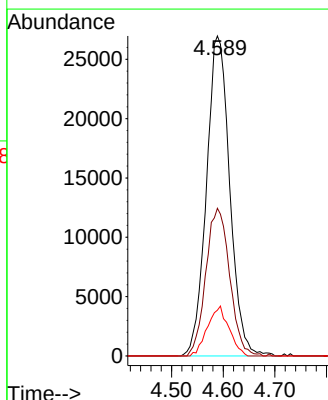
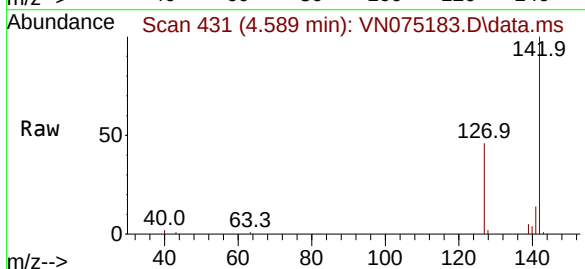
Manual Integrations
APPROVED

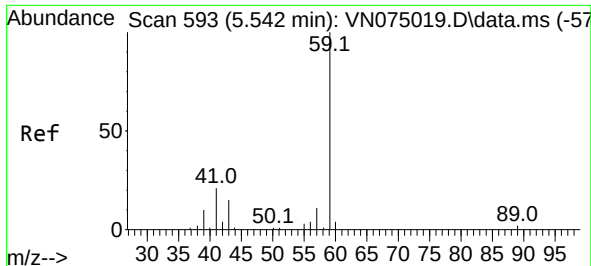
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#10
Methyl Iodide
Concen: 46.293 ug/l
RT: 4.589 min Scan# 431
Delta R.T. -0.006 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

Tgt Ion:142 Resp: 84434
Ion Ratio Lower Upper
142 100
127 47.2 38.0 57.0
141 14.4 12.2 18.4





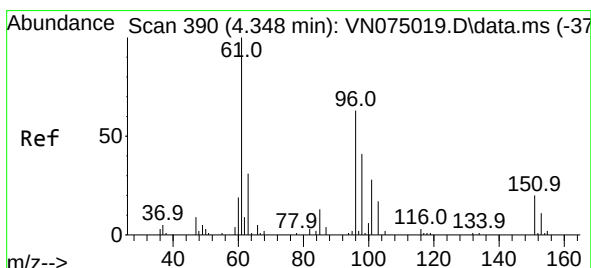
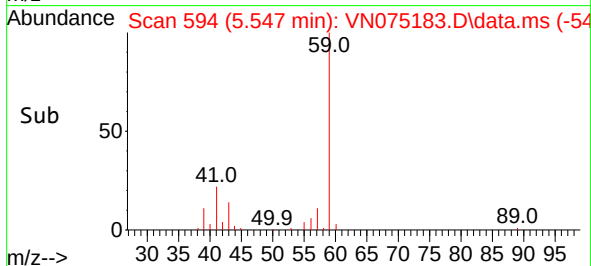
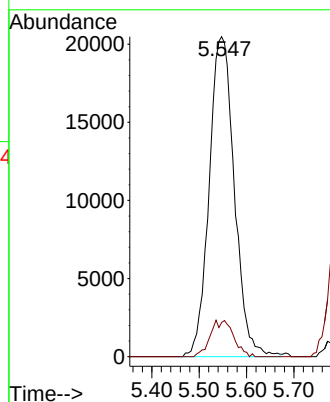
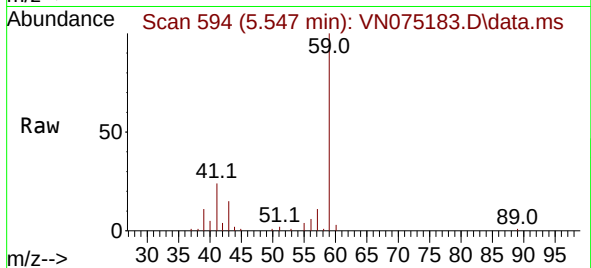
#11
Tert butyl alcohol
Concen: 218.624 ug/l
RT: 5.547 min Scan# 593
Delta R.T. 0.005 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 75679
Ion Ratio Lower Upper
59 100
57 4.5 8.5 12.7

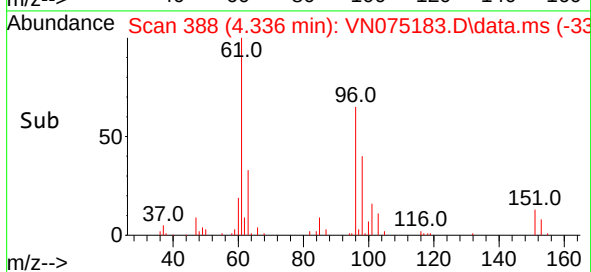
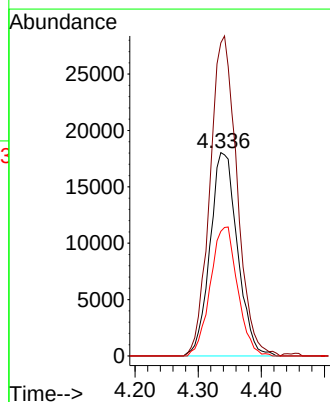
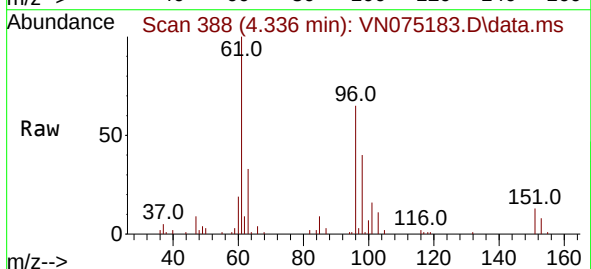
Manual Integrations
APPROVED

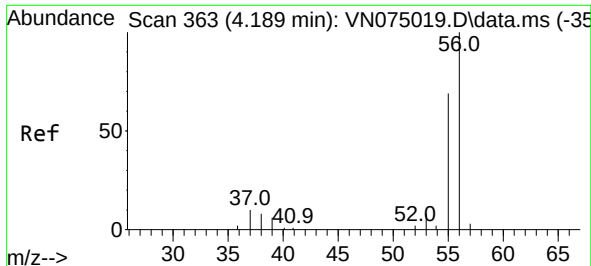
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#12
1,1-Dichloroethene
Concen: 46.521 ug/l
RT: 4.336 min Scan# 388
Delta R.T. -0.012 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

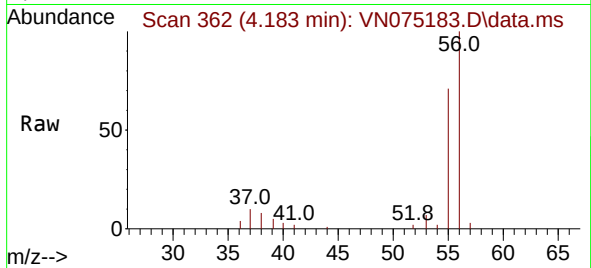
Tgt Ion: 96 Resp: 54327
Ion Ratio Lower Upper
96 100
61 154.0 126.2 189.4
98 61.3 51.5 77.3





#13
Acrolein
Concen: 211.814 ug/l
RT: 4.183 min Scan# 362
Delta R.T. -0.006 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

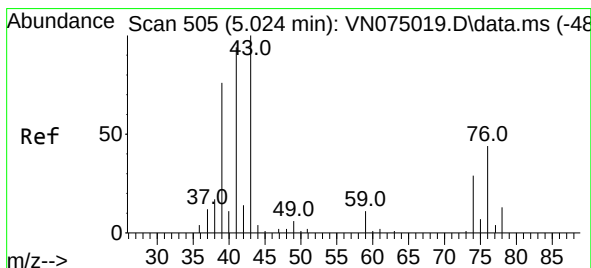
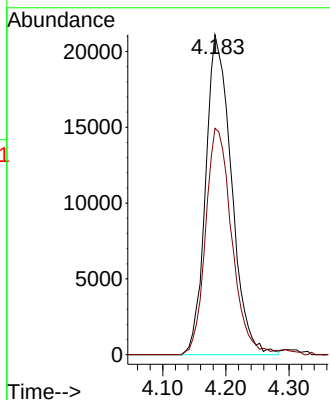
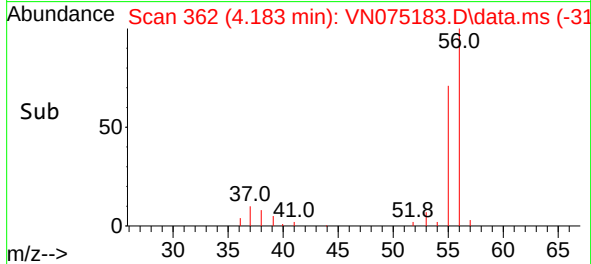
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 5997
Ion Ratio Lower Upper
56 100
55 71.6 55.2 82.8

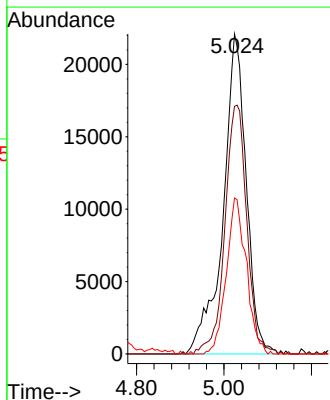
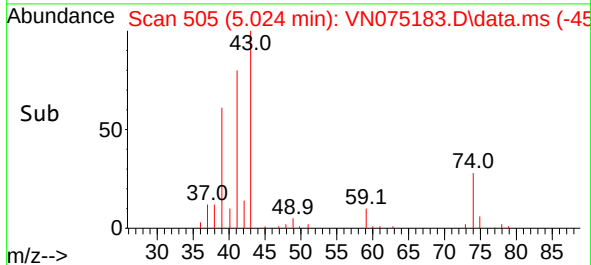
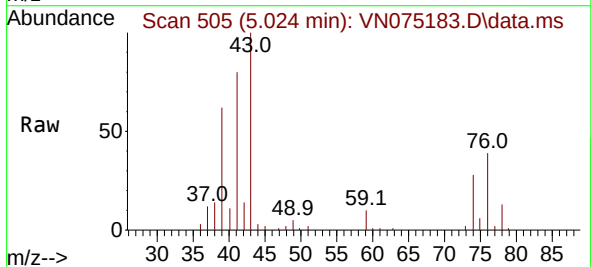
Manual Integrations
APPROVED

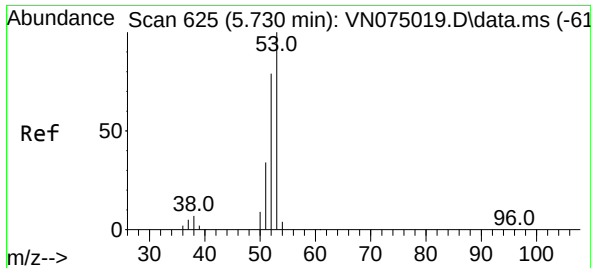
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#14
Allyl chloride
Concen: 47.659 ug/l
RT: 5.024 min Scan# 505
Delta R.T. -0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

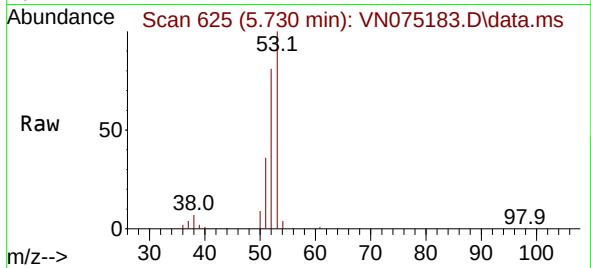
Tgt Ion: 41 Resp: 81286
Ion Ratio Lower Upper
41 100
39 73.5 61.0 91.4
76 42.3 33.4 50.0





#15
Acrylonitrile
Concen: 243.995 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

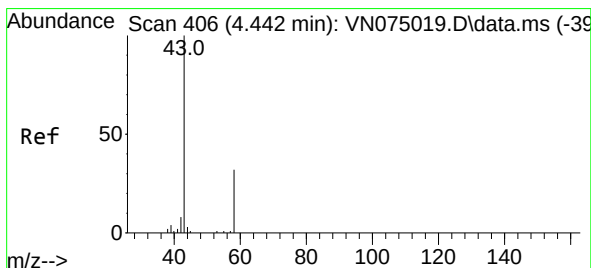
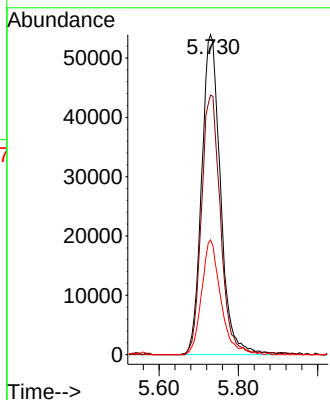
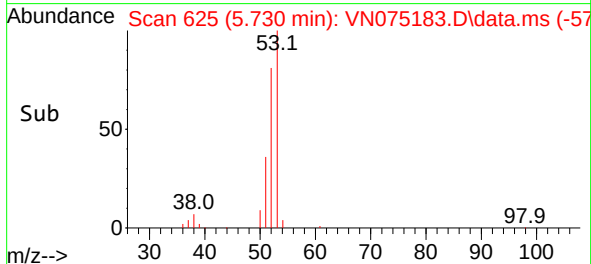
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 178419
Ion Ratio Lower Upper
53 100
52 81.4 66.4 99.6
51 36.4 29.6 44.4

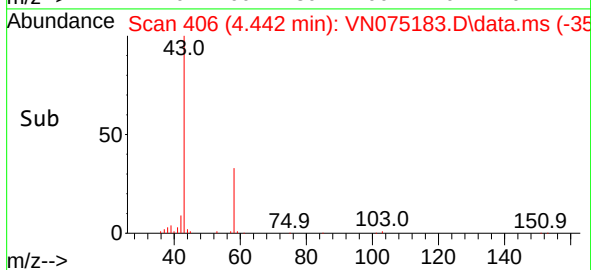
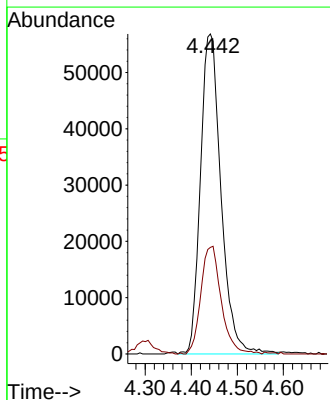
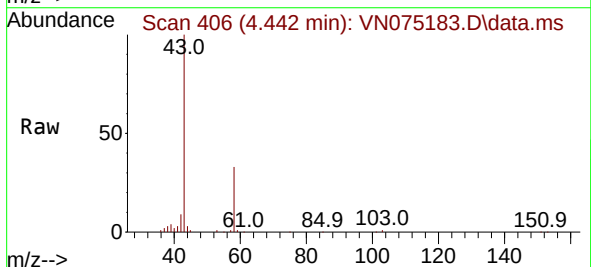
Manual Integrations
APPROVED

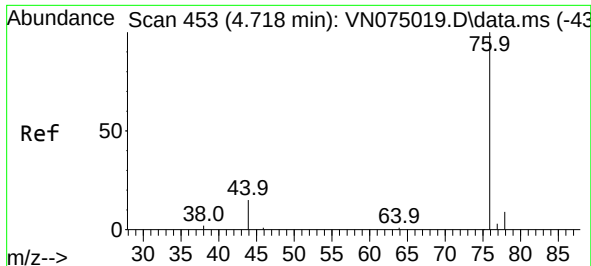
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#16
Acetone
Concen: 281.415 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

Tgt Ion: 43 Resp: 176875
Ion Ratio Lower Upper
43 100
58 33.3 25.5 38.3





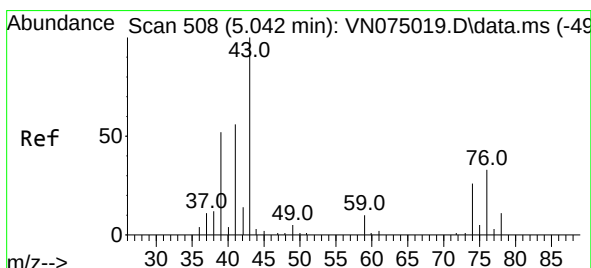
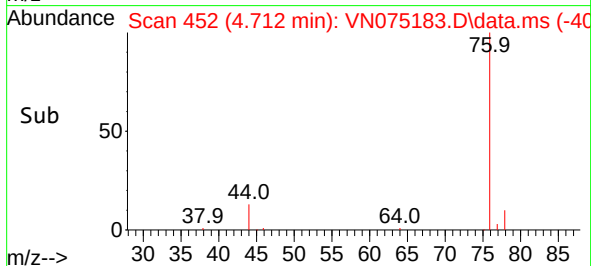
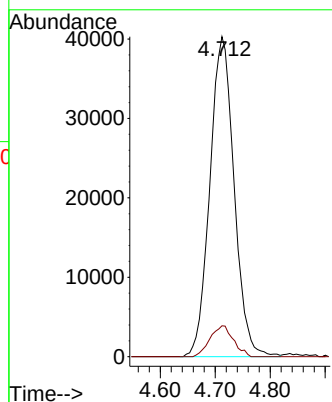
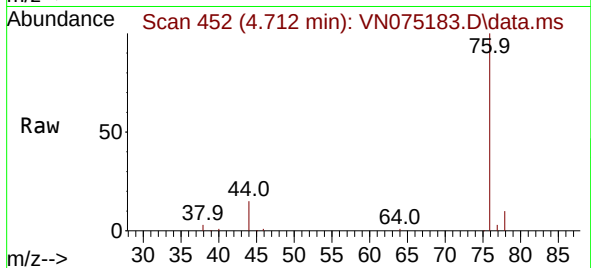
#17
Carbon Disulfide
Concen: 42.082 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 12358
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2

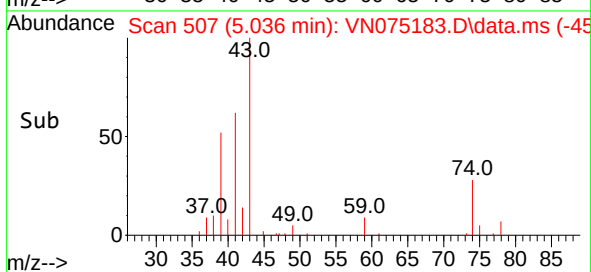
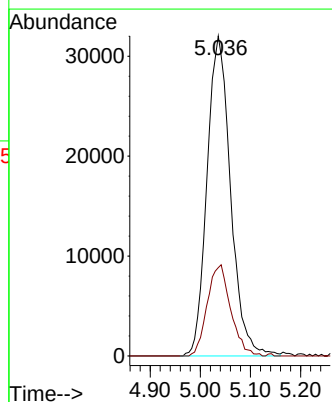
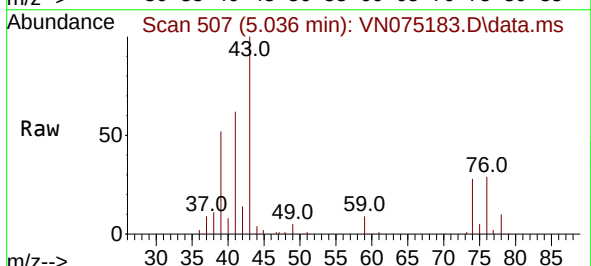
Manual Integrations
APPROVED

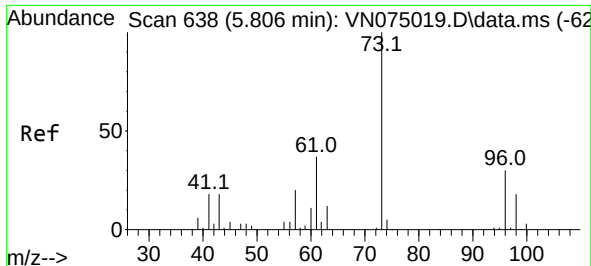
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#18
Methyl Acetate
Concen: 50.925 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

Tgt Ion: 43 Resp: 104551
Ion Ratio Lower Upper
43 100
74 28.3 22.0 33.0





#19
Methyl tert-butyl Ether
Concen: 49.078 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

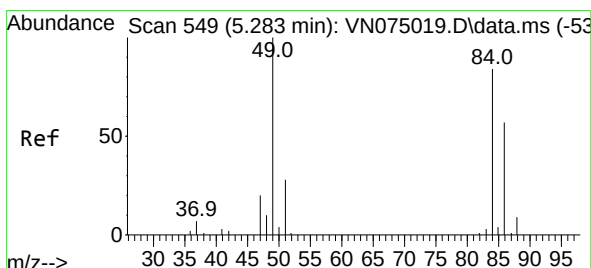
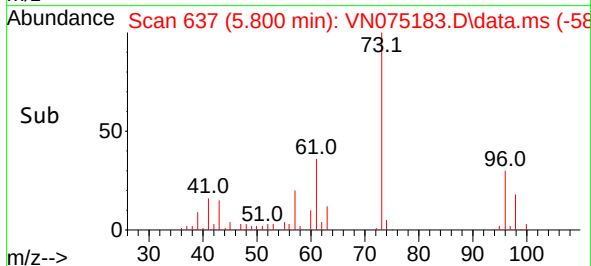
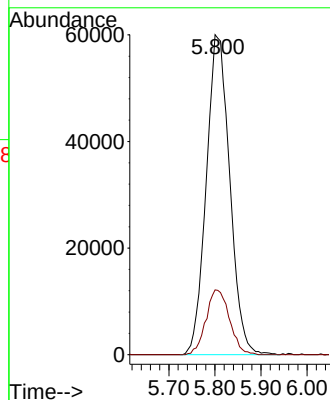
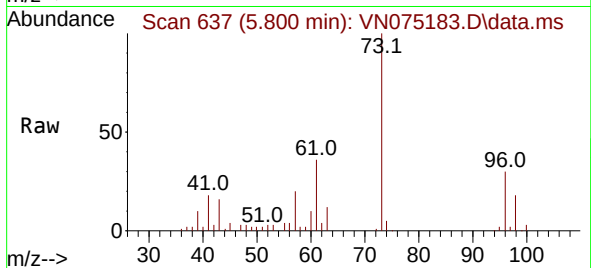
VSTDCCC050

Tgt Ion: 73 Resp: 213010
Ion Ratio Lower Upper
73 100
57 20.2 16.3 24.5

Manual Integrations

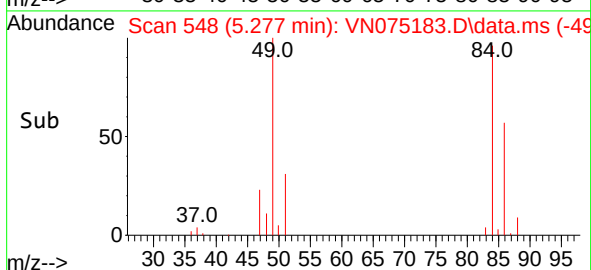
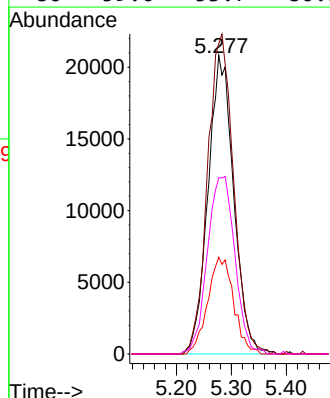
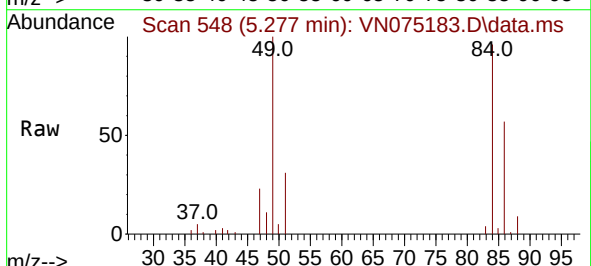
APPROVED

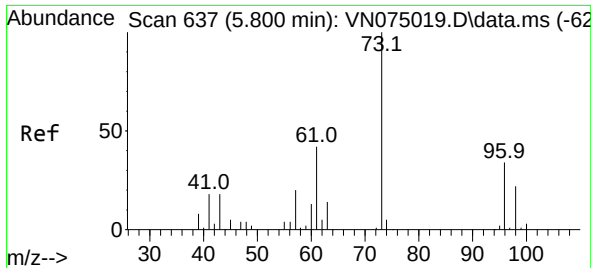
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#20
Methylene Chloride
Concen: 48.094 ug/l
RT: 5.277 min Scan# 548
Delta R.T. -0.006 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

Tgt Ion: 84 Resp: 67398
Ion Ratio Lower Upper
84 100
49 103.8 94.9 142.3
51 32.4 26.8 40.2
86 59.0 53.7 80.5





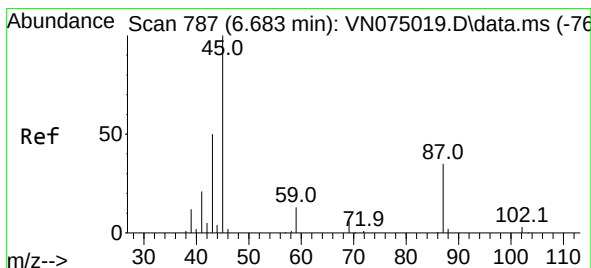
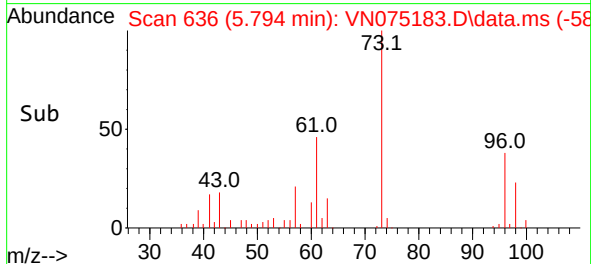
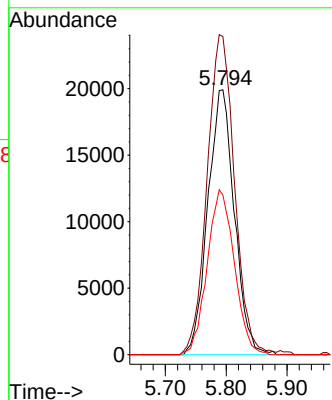
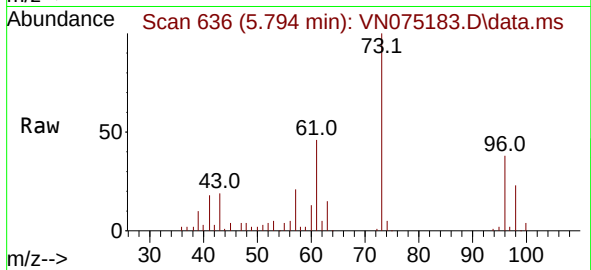
#21
trans-1,2-Dichloroethene
Concen: 47.200 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 6035
Ion Ratio Lower Upper
96 100
61 120.1 99.9 149.9
98 60.2 51.5 77.3

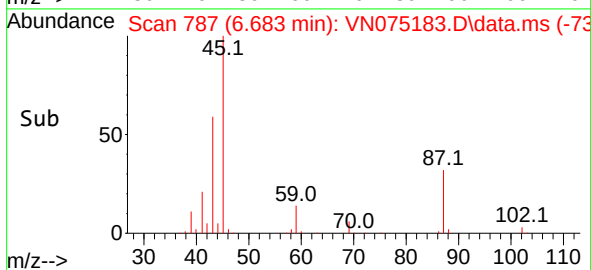
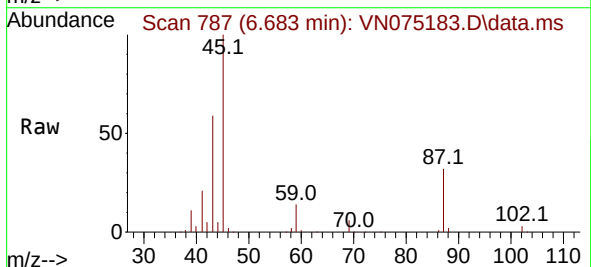
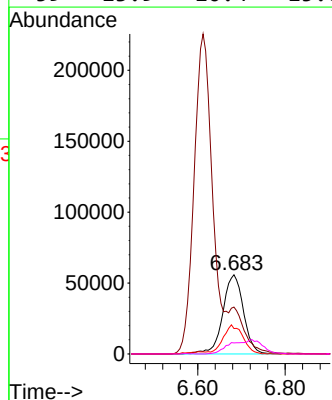
Manual Integrations
APPROVED

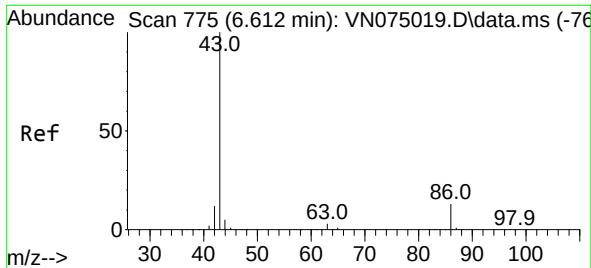
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#22
Diisopropyl ether
Concen: 48.658 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

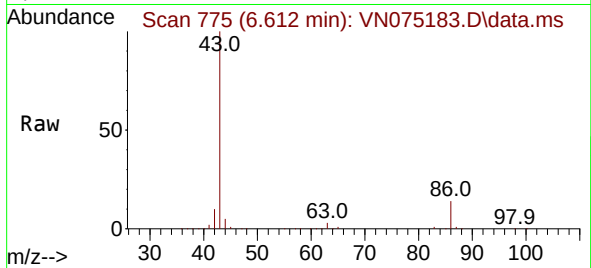
Tgt Ion: 45 Resp: 183144
Ion Ratio Lower Upper
45 100
43 58.0 42.8 64.2
87 32.2 28.4 42.6
59 13.9 10.4 15.6





#23
 Vinyl Acetate
 Concen: 236.192 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075183.D
 Acq: 07 Nov 2022 12:56

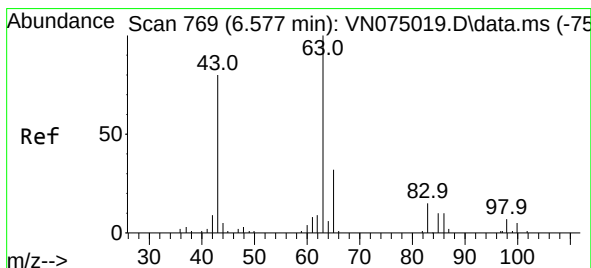
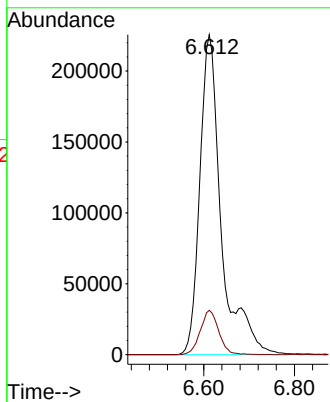
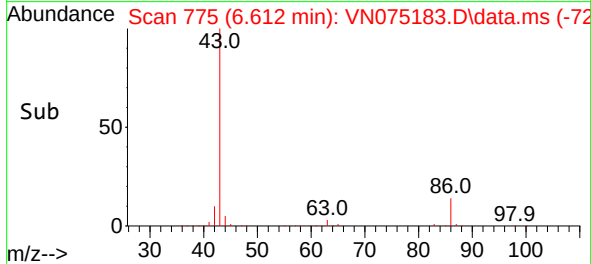
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



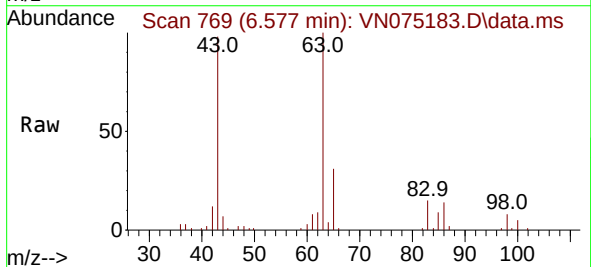
Tgt Ion: 43 Resp: 742370
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.7 16.1

Manual Integrations
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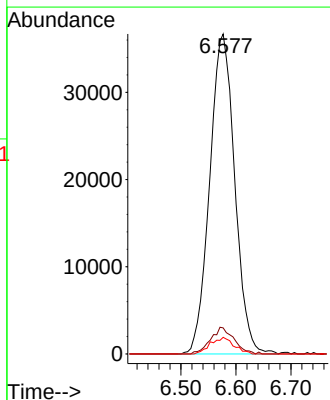
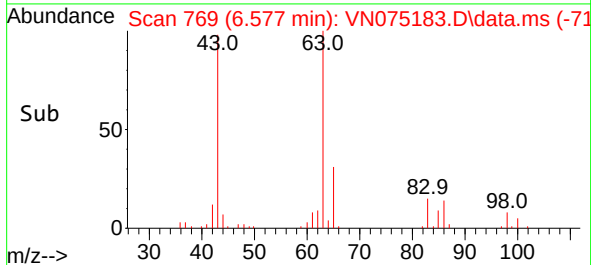
Reviewed By :John Carlone 11/08/2022
 Supervised By :Mahesh Dadoda 11/08/2022

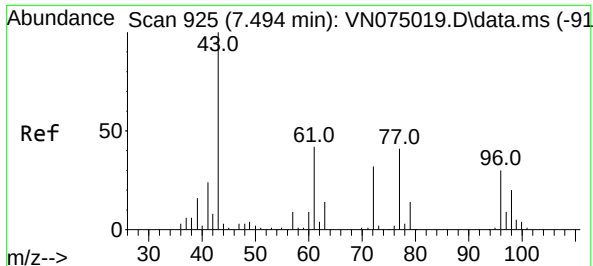


#24
 1,1-Dichloroethane
 Concen: 48.830 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075183.D
 Acq: 07 Nov 2022 12:56



Tgt Ion: 63 Resp: 116240
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.6 10.8
 100 5.2 2.4 7.2





#25

2-Butanone

Concen: 247.711 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075183.D

Acq: 07 Nov 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 24488

Ion Ratio Lower Upper

43 100

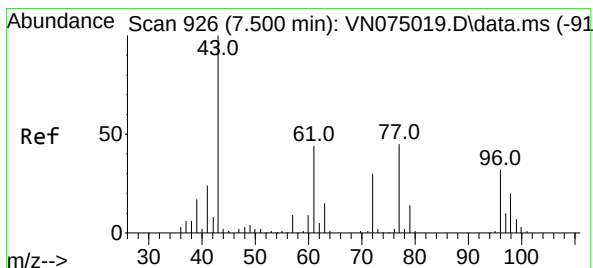
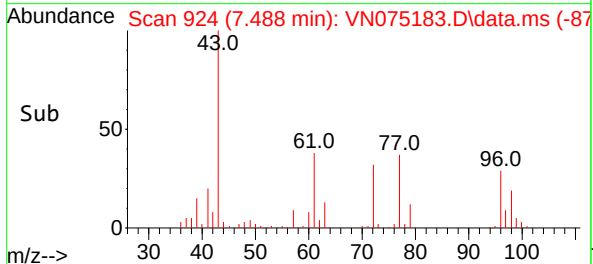
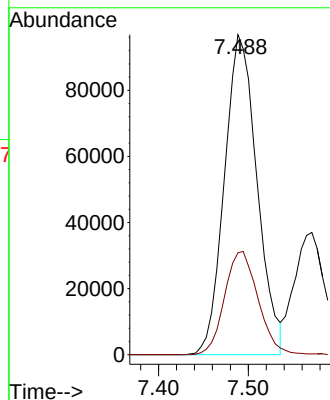
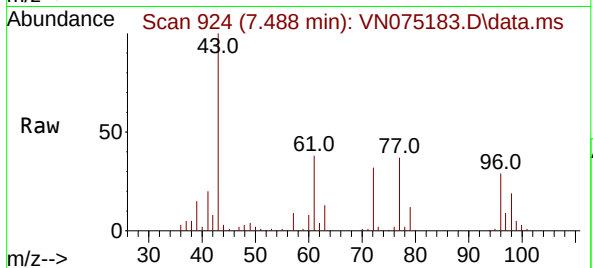
72 31.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#26

2,2-Dichloropropane

Concen: 50.886 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN075183.D

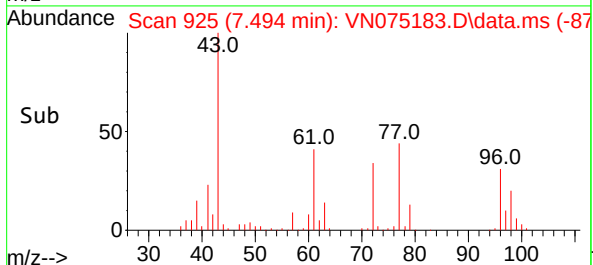
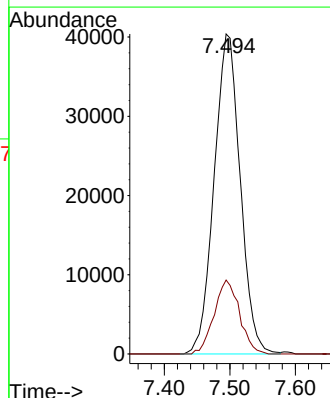
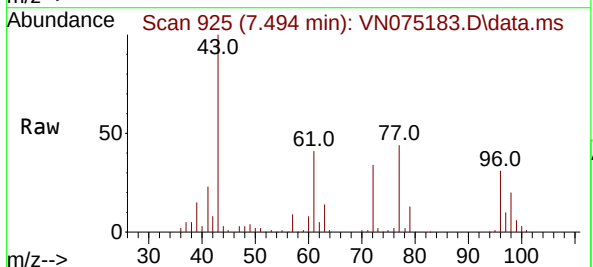
Acq: 07 Nov 2022 12:56

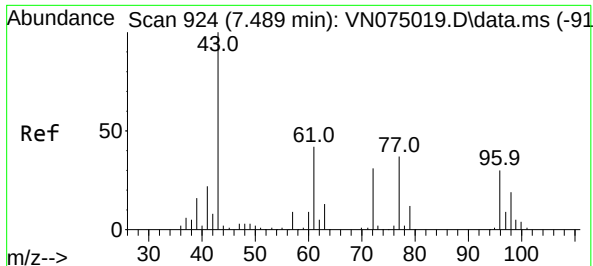
Tgt Ion: 77 Resp: 111437

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 50.177 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.005 min

Lab File: VN075183.D

Acq: 07 Nov 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 76618

Ion Ratio Lower Upper

96 100

61 133.4 0.0 278.8

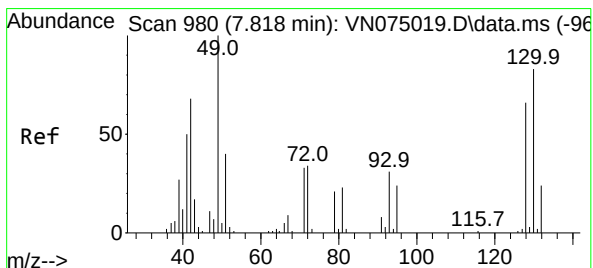
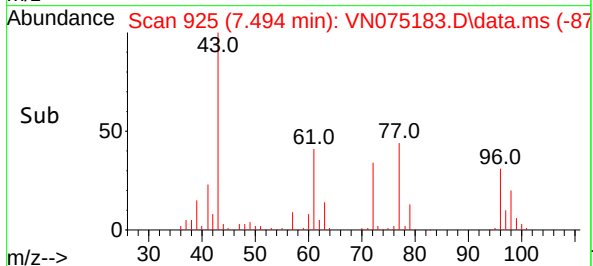
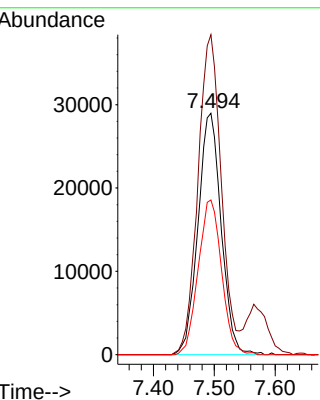
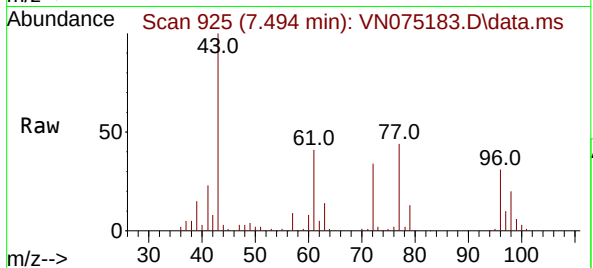
98 64.5 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#28

Bromochloromethane

Concen: 49.306 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.000 min

Lab File: VN075183.D

Acq: 07 Nov 2022 12:56

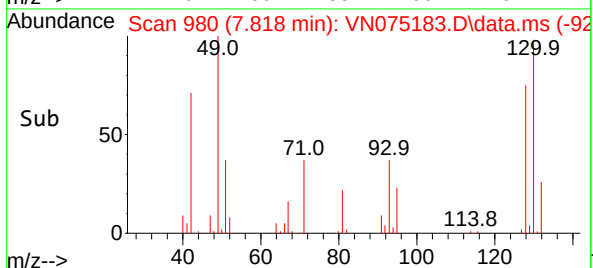
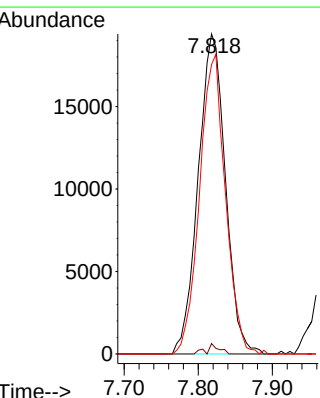
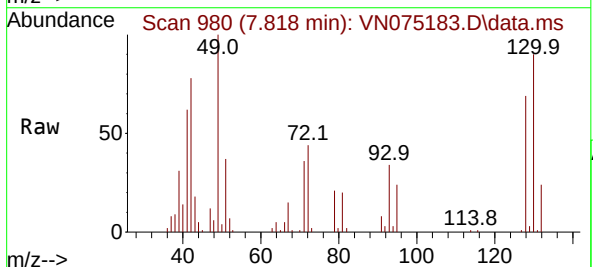
Tgt Ion: 49 Resp: 49478

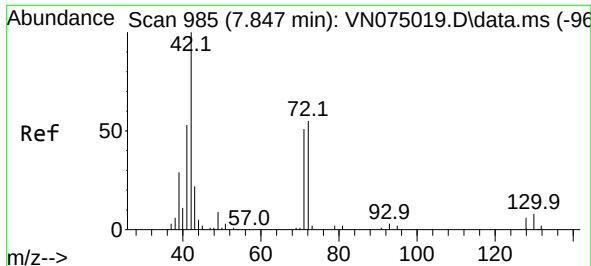
Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.6

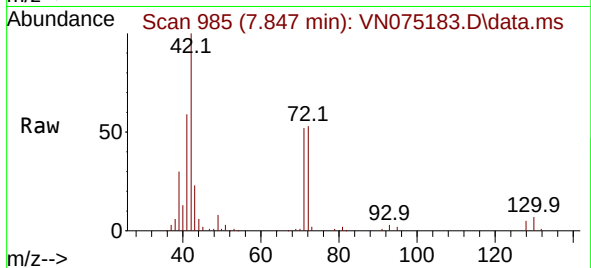
130 88.9 66.2 99.4





#29
Tetrahydrofuran
Concen: 240.494 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

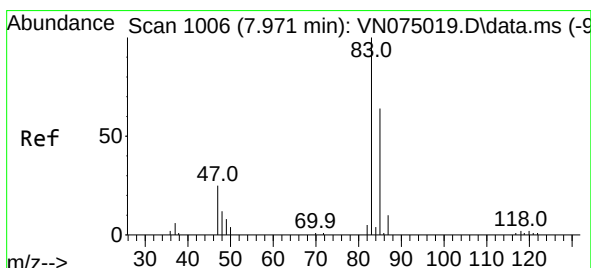
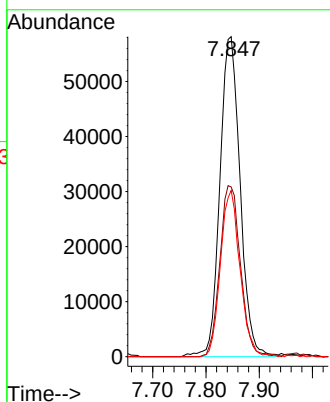
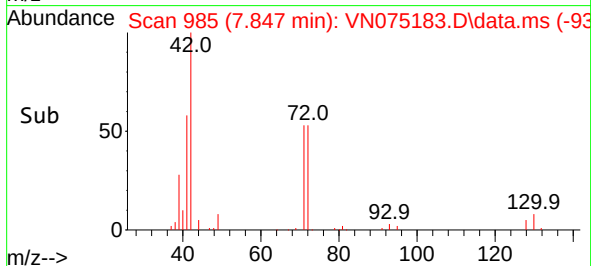
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



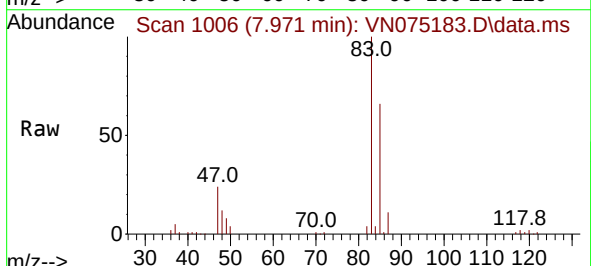
Tgt Ion: 42 Resp: 15363
Ion Ratio Lower Upper
42 100
72 54.3 43.0 64.6
71 50.1 39.9 59.9

Manual Integrations
APPROVED

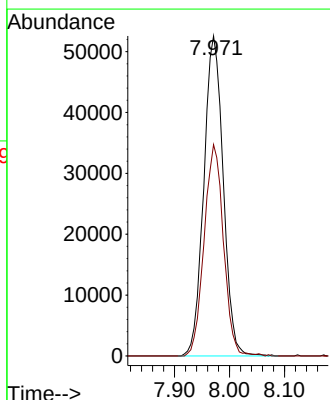
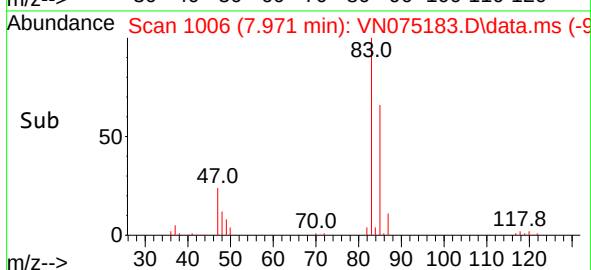
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

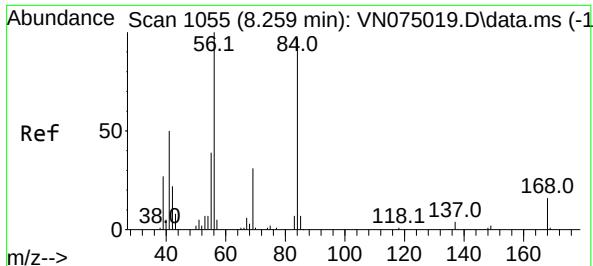


#30
Chloroform
Concen: 49.915 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56



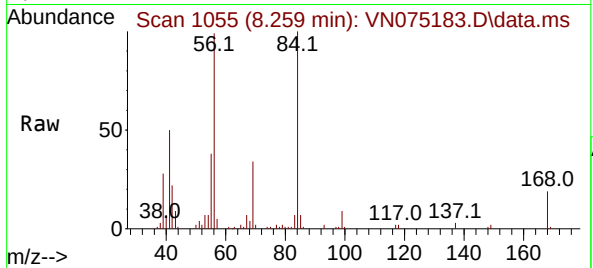
Tgt Ion: 83 Resp: 129009
Ion Ratio Lower Upper
83 100
85 66.1 51.4 77.0





#31
Cyclohexane
Concen: 43.855 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

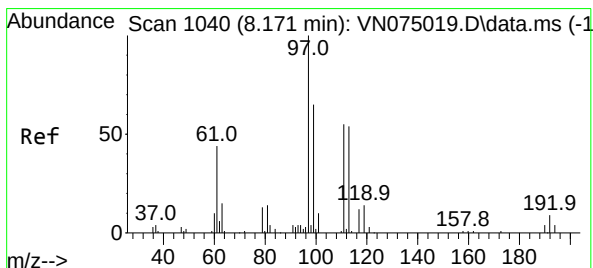
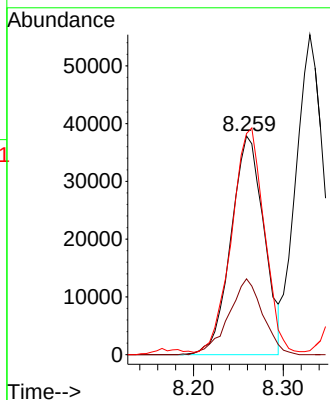
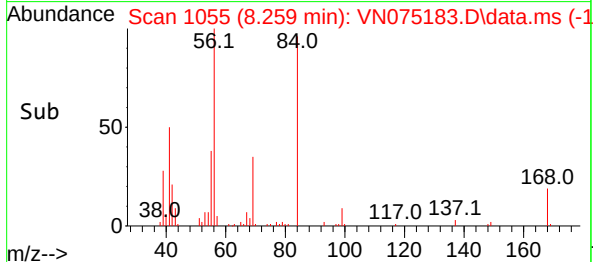
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



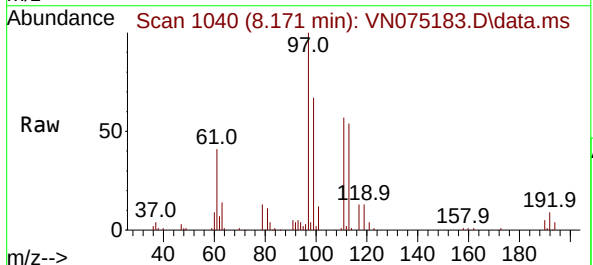
Tgt Ion: 56 Resp: 9681
Ion Ratio Lower Upper
56 100
69 34.7 25.2 37.8
84 98.8 77.8 116.8

Manual Integrations
APPROVED

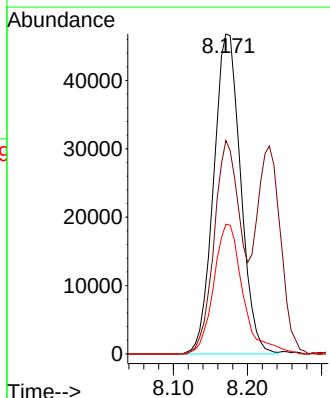
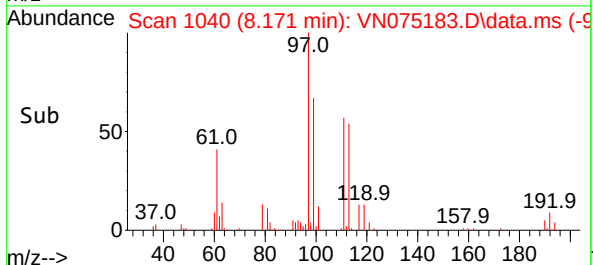
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

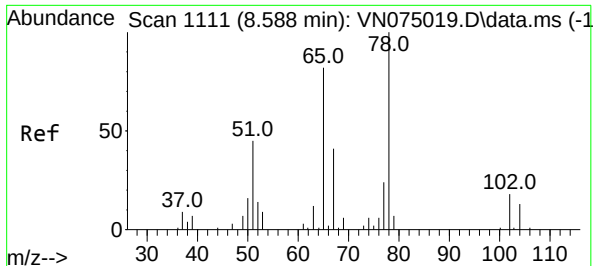


#32
1,1,1-Trichloroethane
Concen: 50.456 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56



Tgt Ion: 97 Resp: 118425
Ion Ratio Lower Upper
97 100
99 65.3 50.2 75.2
61 43.9 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 48.299 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075183.D

Acq: 07 Nov 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 71694

Ion Ratio Lower Upper

65 100

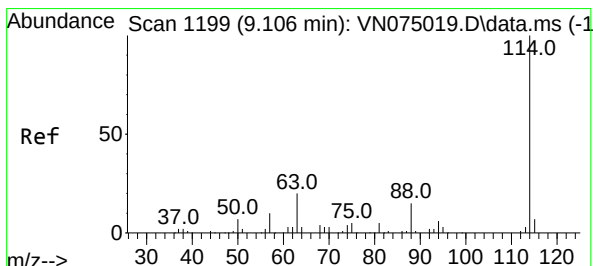
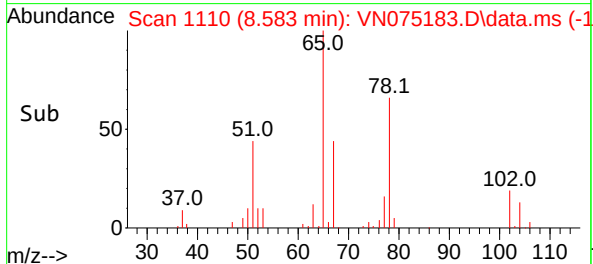
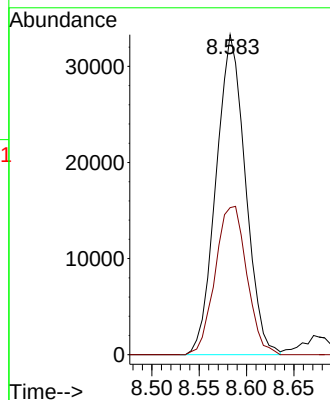
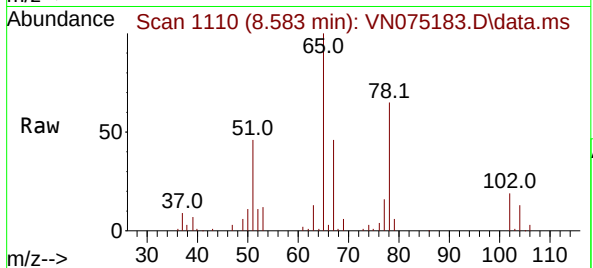
67 49.9 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075183.D

Acq: 07 Nov 2022 12:56

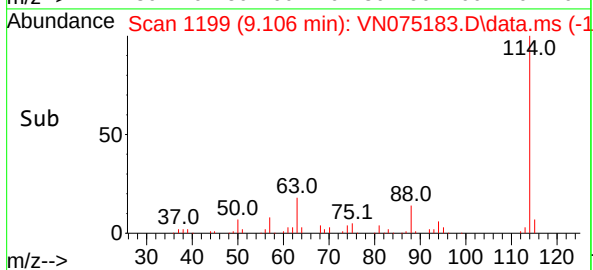
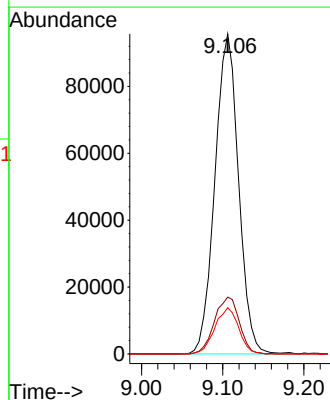
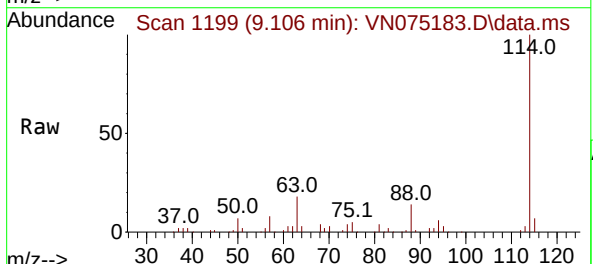
Tgt Ion:114 Resp: 193532

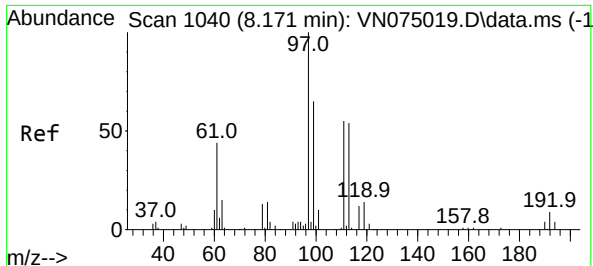
Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.6

88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.568 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075183.D

Acq: 07 Nov 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

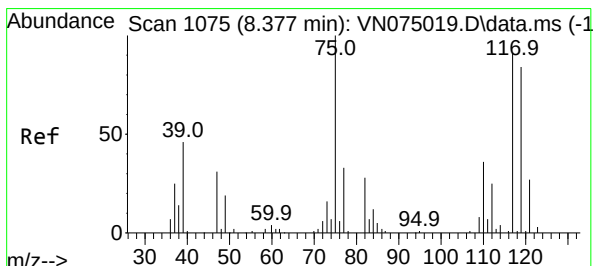
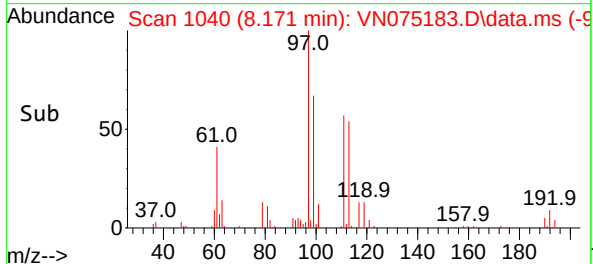
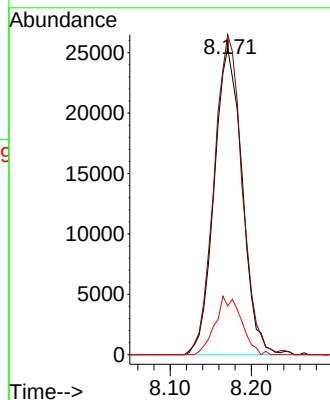
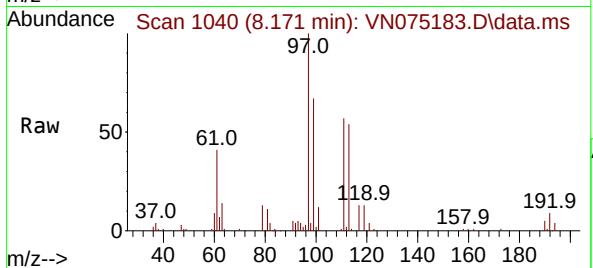
Tgt Ion:	113	Resp:	60860
Ion	Ratio	Lower	Upper
113	100		
111	104.5	80.5	120.7
192	17.9	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#36

1,1-Dichloropropene

Concen: 51.995 ug/l

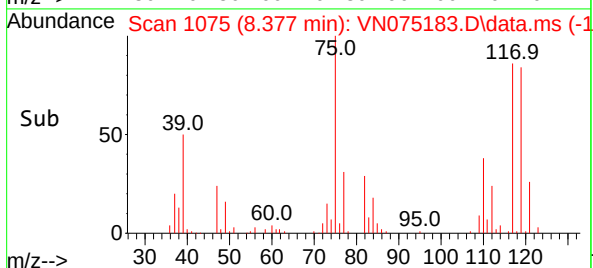
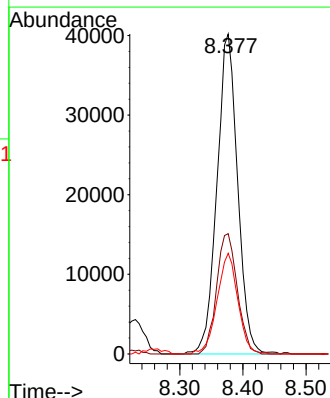
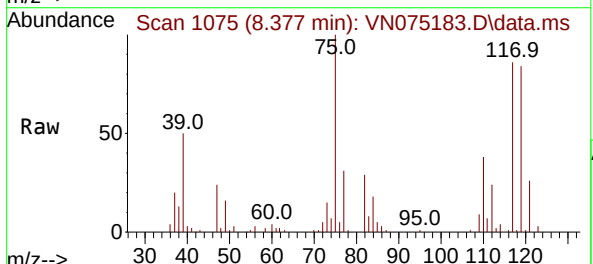
RT: 8.377 min Scan# 1075

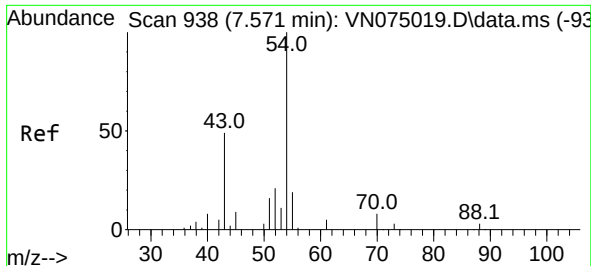
Delta R.T. -0.000 min

Lab File: VN075183.D

Acq: 07 Nov 2022 12:56

Tgt Ion:	75	Resp:	91455
Ion	Ratio	Lower	Upper
75	100		
110	37.6	17.8	53.3
77	31.6	24.6	37.0





#37

Ethyl Acetate

Concen: 47.623 ug/l

RT: 7.571 min Scan# 9186

Delta R.T. -0.000 min

Lab File: VN075183.D

Acq: 07 Nov 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 9186

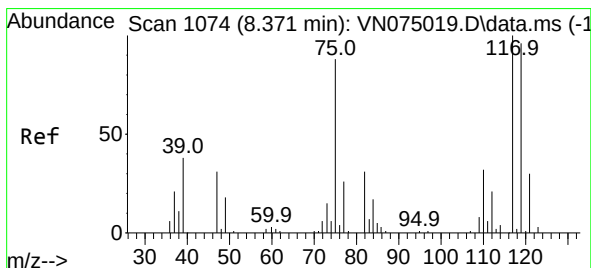
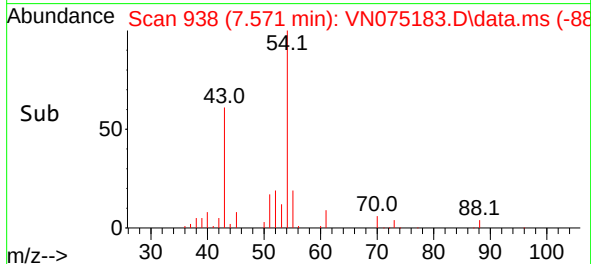
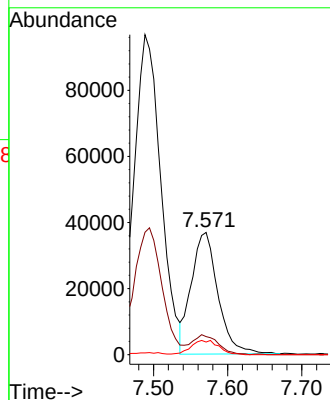
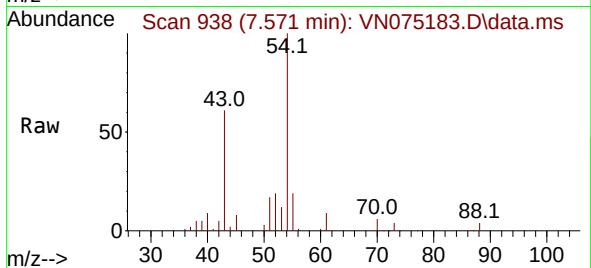
Ion	Ratio	Lower	Upper
43	100		
61	15.9	12.2	18.4
70	12.2	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#38

Carbon Tetrachloride

Concen: 54.844 ug/l

RT: 8.365 min Scan# 1073

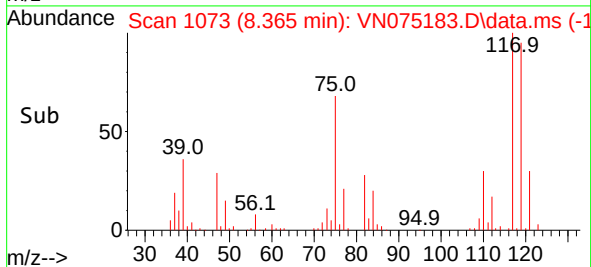
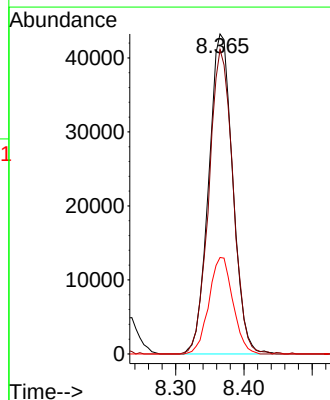
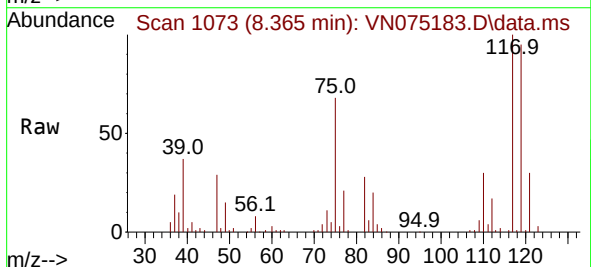
Delta R.T. -0.006 min

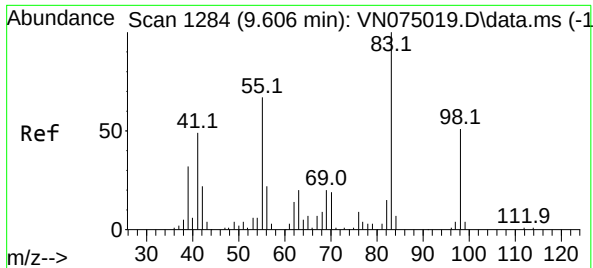
Lab File: VN075183.D

Acq: 07 Nov 2022 12:56

Tgt Ion:117 Resp: 106114

Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.7	115.1
121	30.2	23.9	35.9





#39

Methylcyclohexane

Concen: 51.216 ug/l

RT: 9.606 min Scan# 118928

Delta R.T. -0.000 min

Lab File: VN075183.D

Acq: 07 Nov 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 118928

Ion Ratio Lower Upper

83 100

55 65.5 53.6 80.4

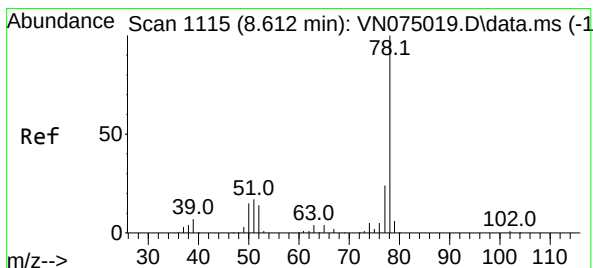
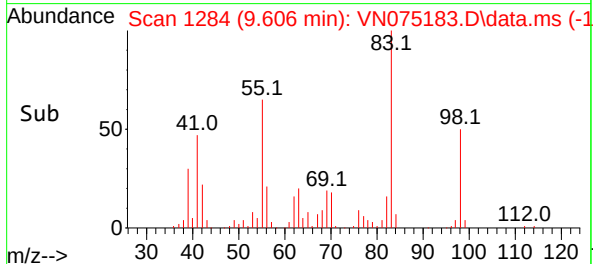
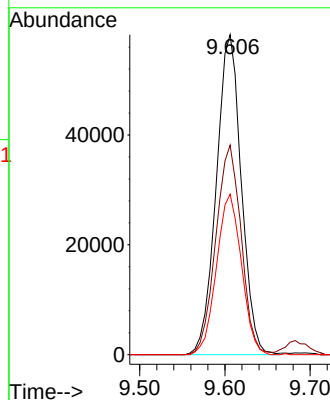
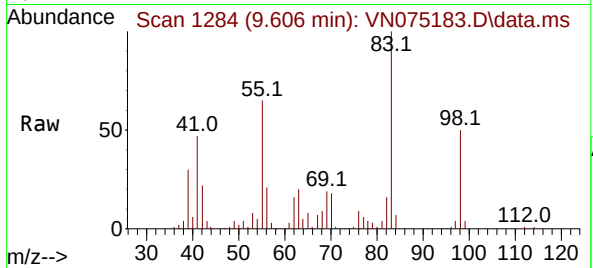
98 50.1 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#40

Benzene

Concen: 52.264 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075183.D

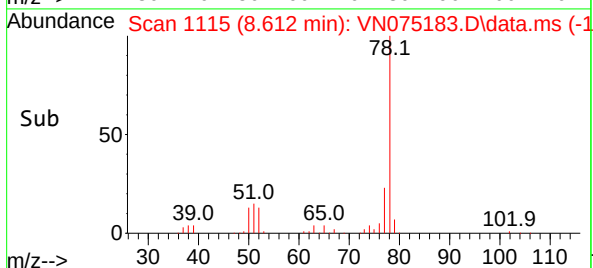
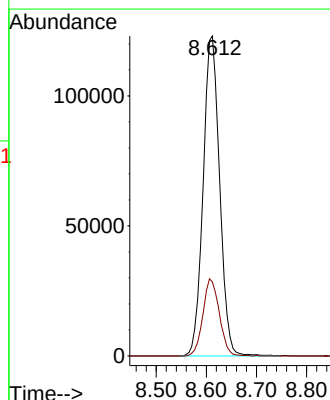
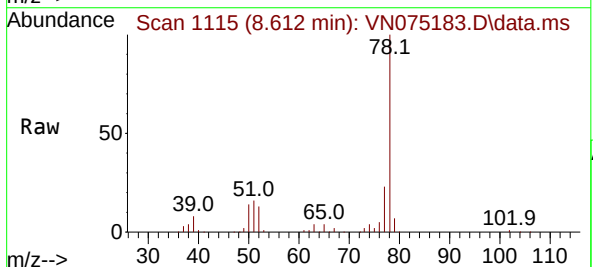
Acq: 07 Nov 2022 12:56

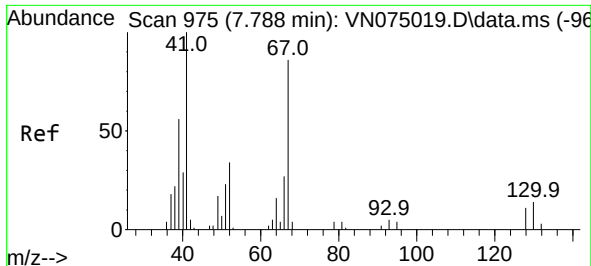
Tgt Ion: 78 Resp: 281473

Ion Ratio Lower Upper

78 100

77 23.2 19.4 29.0





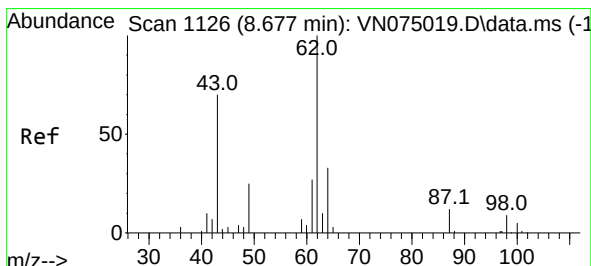
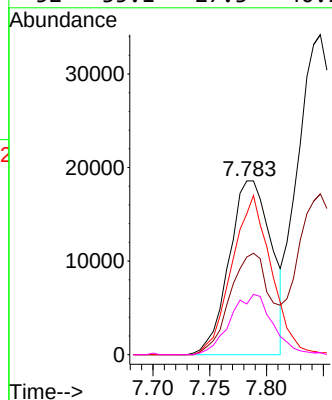
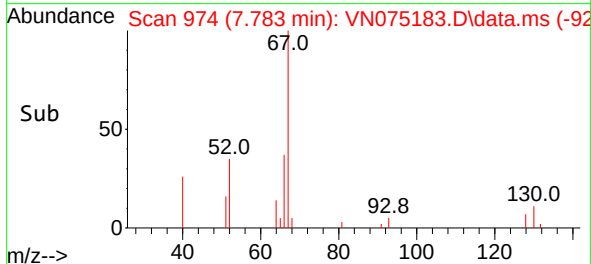
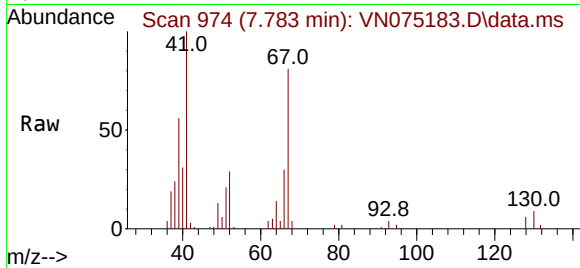
#41
Methacrylonitrile
Concen: 51.945 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 48000
Ion Ratio Lower Upper
41 100
39 56.2 44.4 66.6
67 85.9 69.8 104.6
52 35.1 27.3 40.9

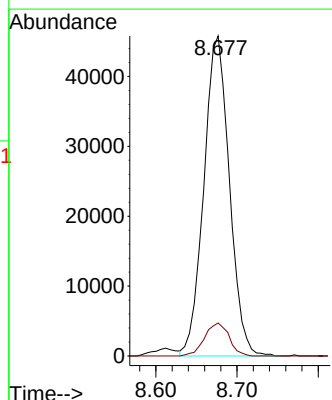
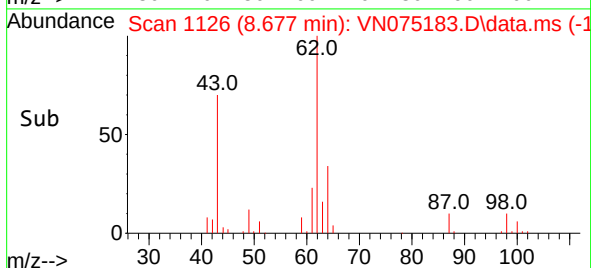
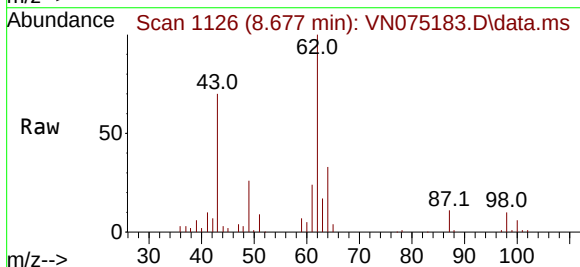
Manual Integrations
APPROVED

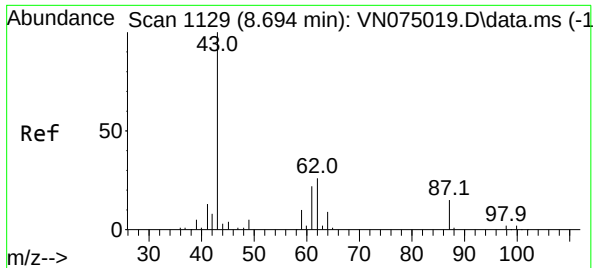
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#42
1,2-Dichloroethane
Concen: 51.065 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

Tgt Ion: 62 Resp: 100056
Ion Ratio Lower Upper
62 100
98 9.9 0.0 18.2





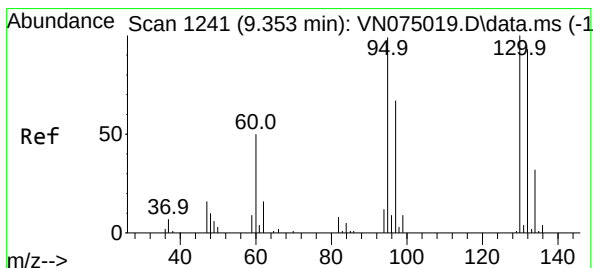
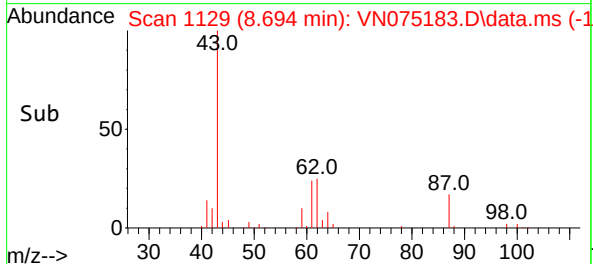
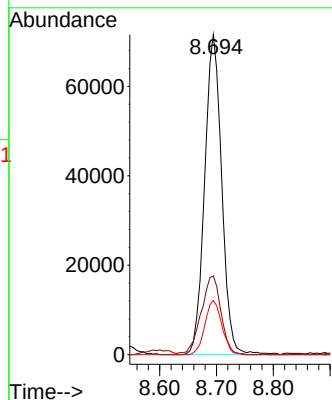
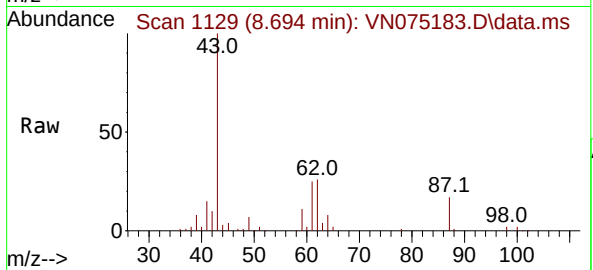
#43
Isopropyl Acetate
Concen: 49.975 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 149530
Ion Ratio Lower Upper
43 100
61 28.5 22.4 33.6
87 16.7 12.5 18.7

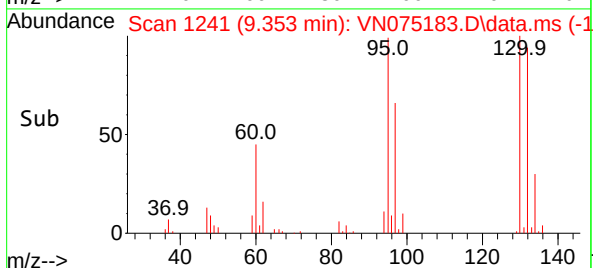
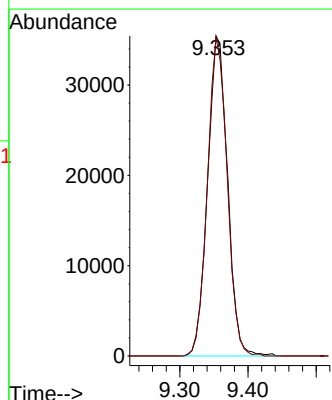
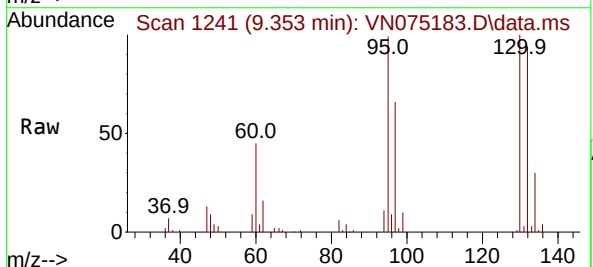
Manual Integrations
APPROVED

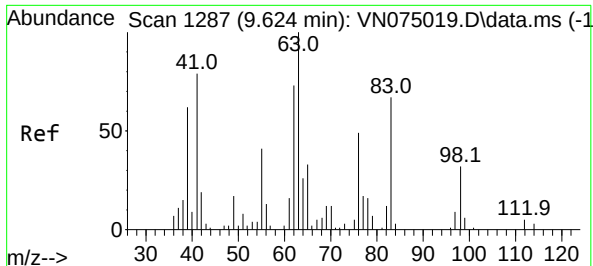
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#44
Trichloroethene
Concen: 53.459 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

Tgt Ion:130 Resp: 72233
Ion Ratio Lower Upper
130 100
95 99.5 0.0 198.4





#45

1,2-Dichloropropane

Concen: 53.627 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075183.D

Acq: 07 Nov 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 6873

Ion Ratio Lower Upper

63 100

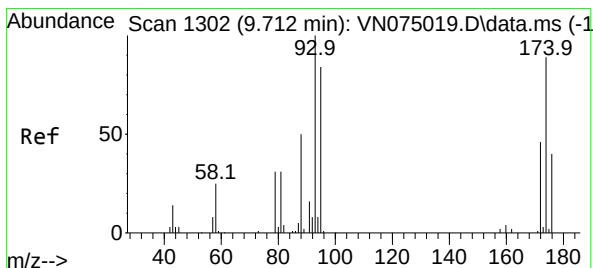
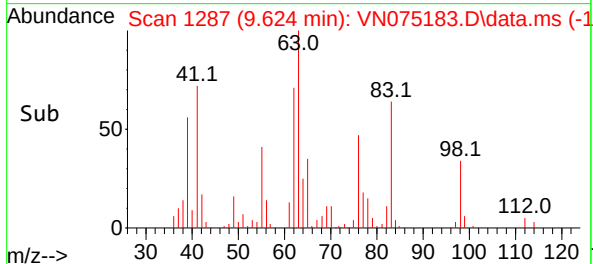
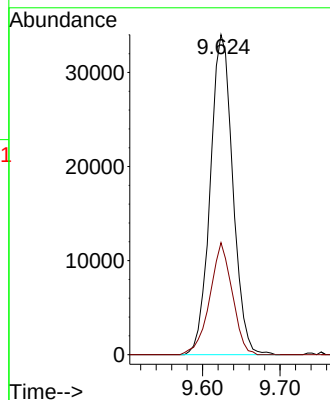
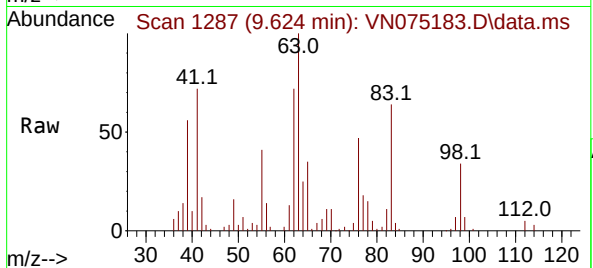
65 35.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#46

Dibromomethane

Concen: 51.968 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075183.D

Acq: 07 Nov 2022 12:56

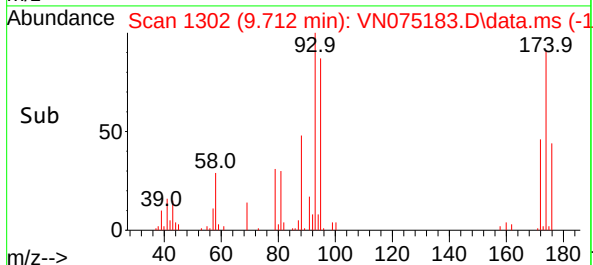
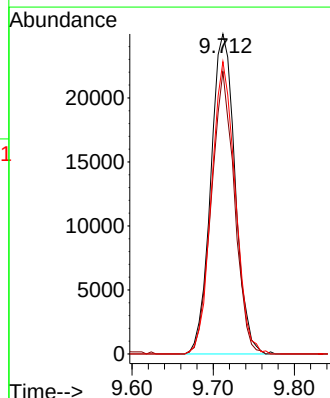
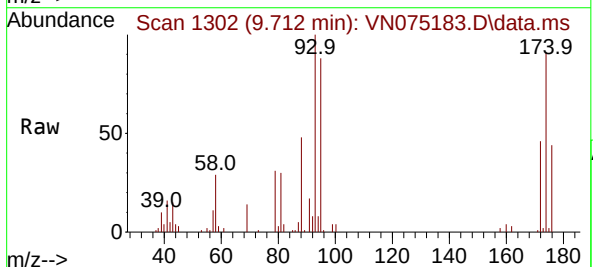
Tgt Ion: 93 Resp: 51892

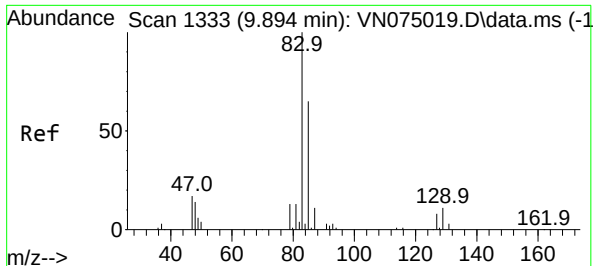
Ion Ratio Lower Upper

93 100

95 83.7 66.6 99.8

174 89.4 70.3 105.5





#47

Bromodichloromethane

Concen: 52.789 ug/l

RT: 9.888 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN075183.D

Acq: 07 Nov 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 10207

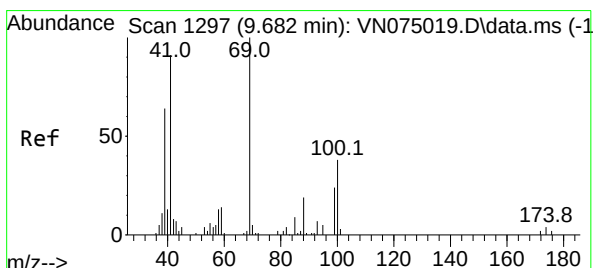
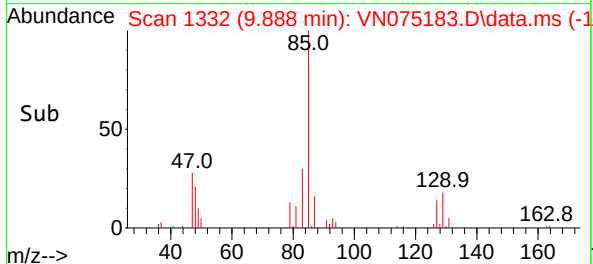
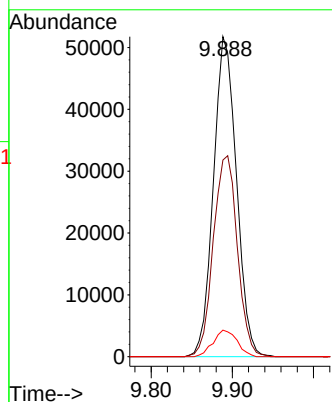
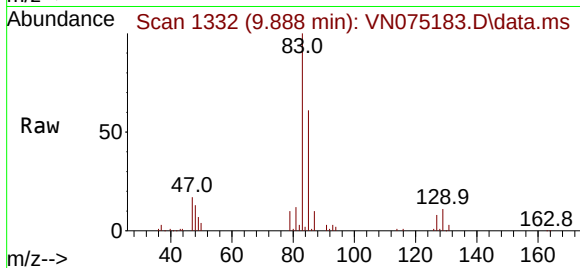
Ion	Ratio	Lower	Upper
83	100		
85	61.5	52.1	78.1
127	8.3	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#48

Methyl methacrylate

Concen: 49.093 ug/l

RT: 9.682 min Scan# 1297

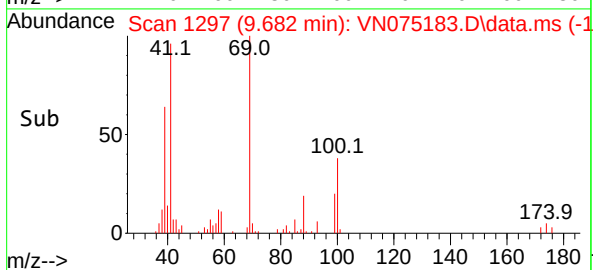
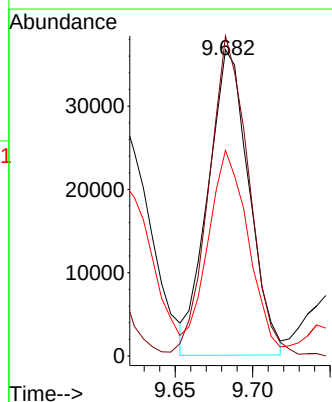
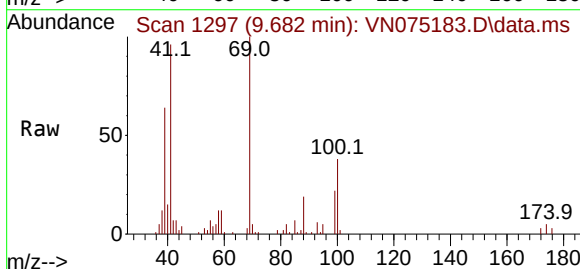
Delta R.T. 0.000 min

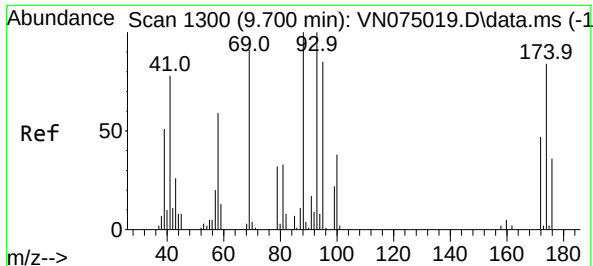
Lab File: VN075183.D

Acq: 07 Nov 2022 12:56

Tgt Ion: 41 Resp: 67382

Ion	Ratio	Lower	Upper
41	100		
69	102.4	80.2	120.2
39	67.9	56.2	84.2





#49

1,4-Dioxane

Concen: 1051.858 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075183.D

Acq: 07 Nov 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3780

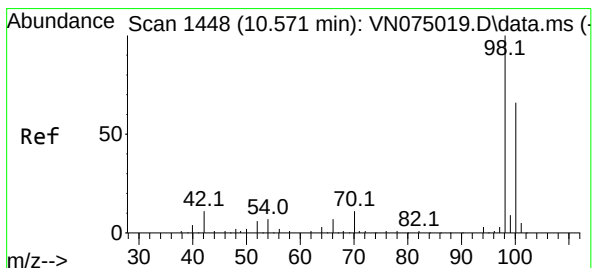
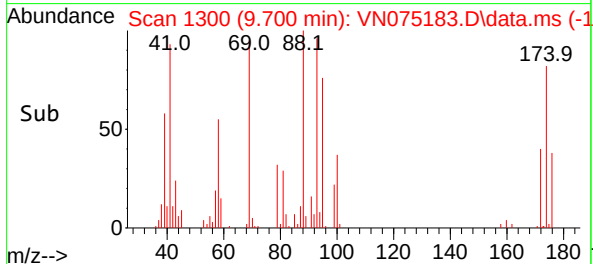
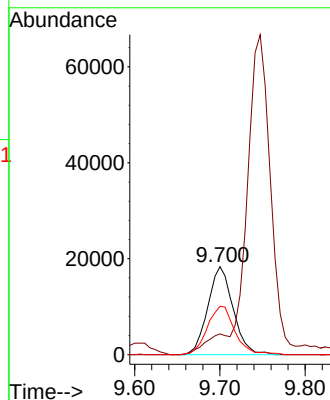
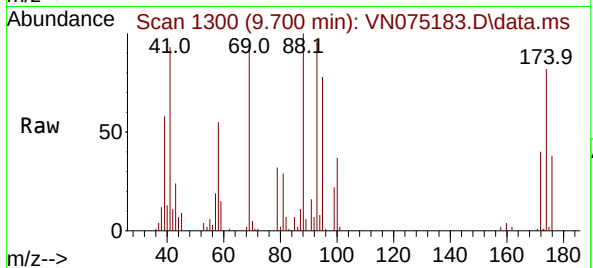
Ion	Ratio	Lower	Upper
88	100		
43	0.0	17.5	26.3
58	60.0	49.8	74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#50

Toluene-d8

Concen: 52.442 ug/l

RT: 10.571 min Scan# 1448

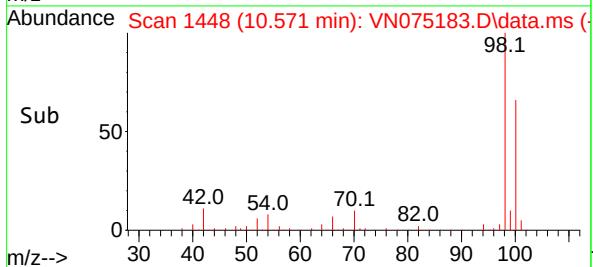
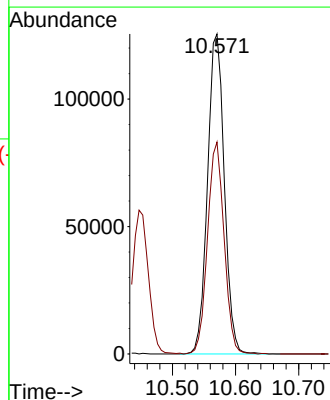
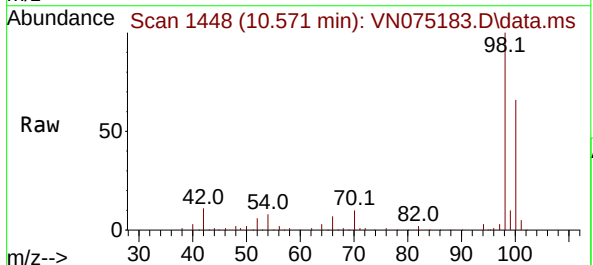
Delta R.T. -0.000 min

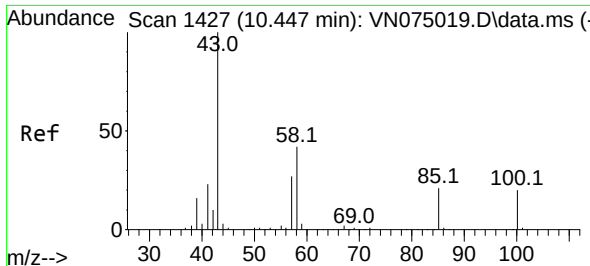
Lab File: VN075183.D

Acq: 07 Nov 2022 12:56

Tgt Ion: 98 Resp: 231158

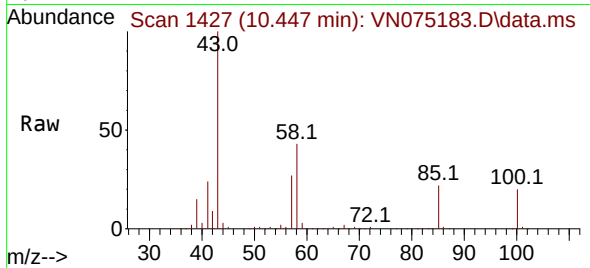
Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.0	79.6





#51
4-Methyl-2-Pentanone
Concen: 255.373 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

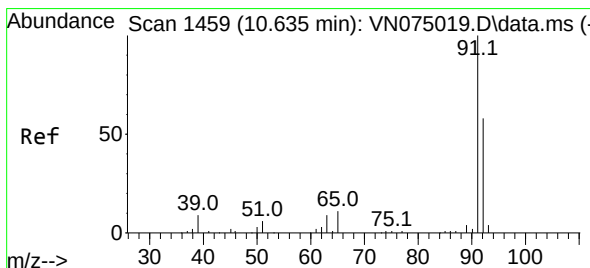
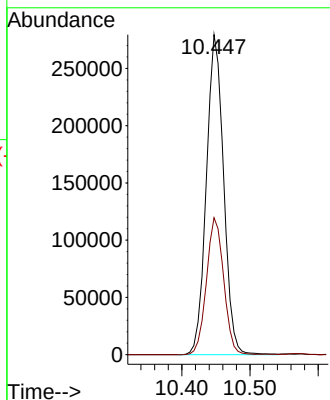
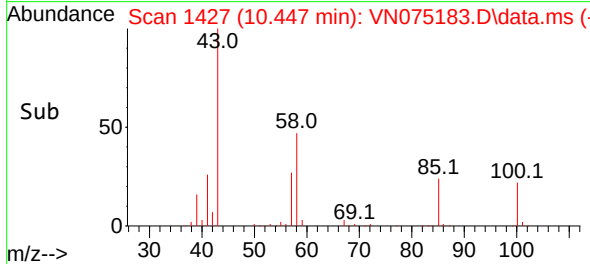
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 493079
Ion Ratio Lower Upper
43 100
58 42.8 33.6 50.4

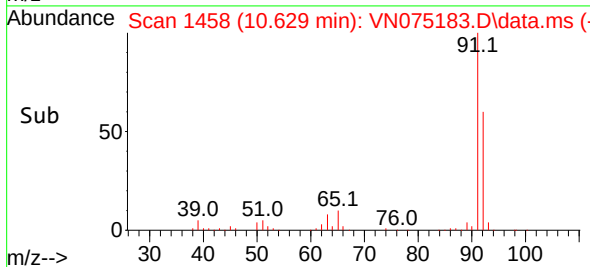
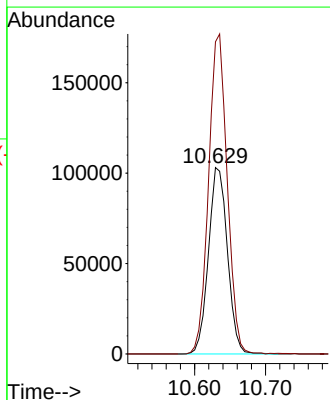
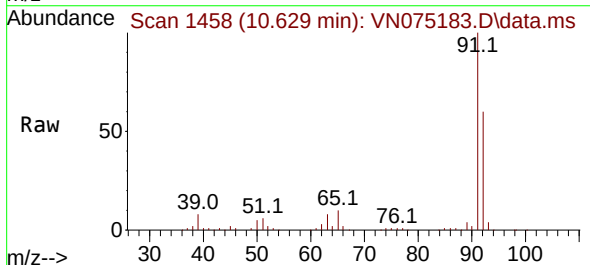
Manual Integrations
APPROVED

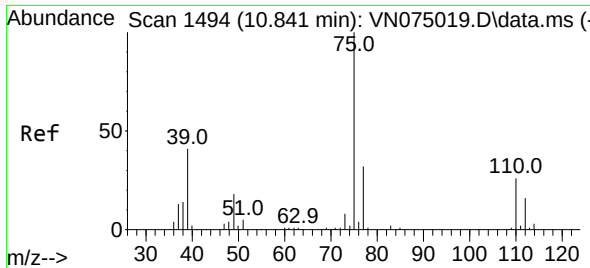
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#52
Toluene
Concen: 53.133 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

Tgt Ion: 92 Resp: 191285
Ion Ratio Lower Upper
92 100
91 168.5 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 53.874 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

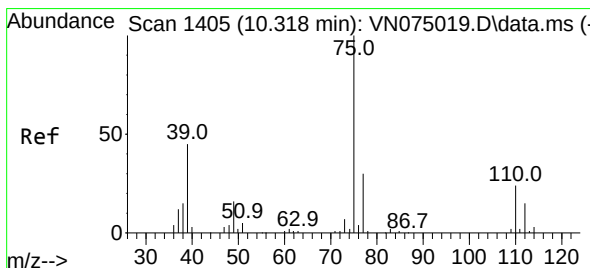
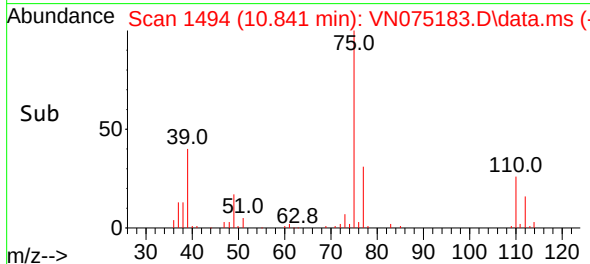
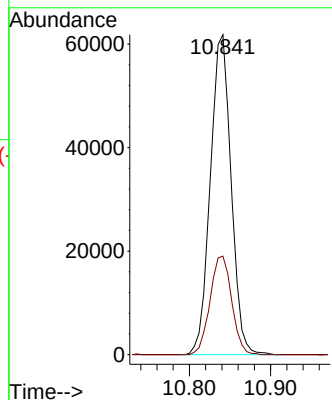
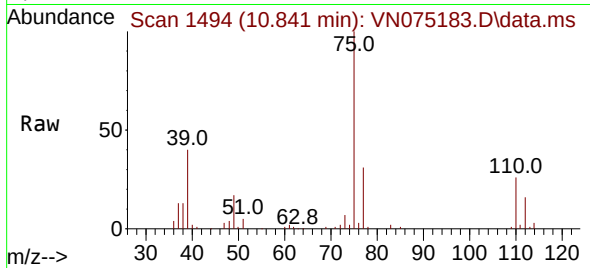
VSTDCCC050

Tgt Ion: 75 Resp: 10995
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.2

Manual Integrations

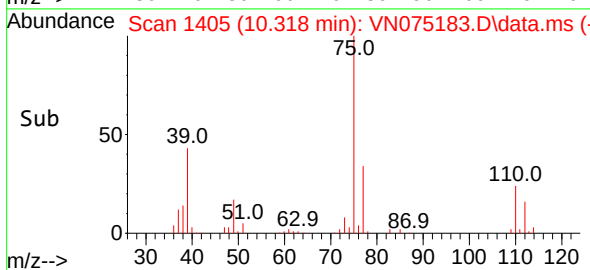
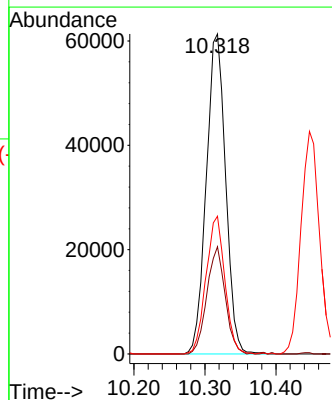
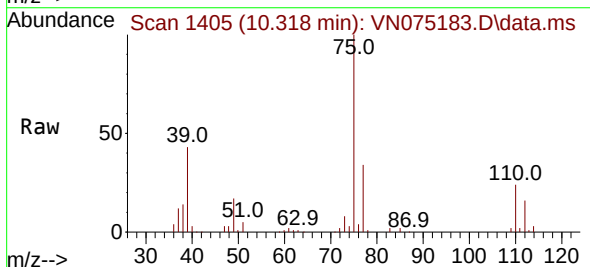
APPROVED

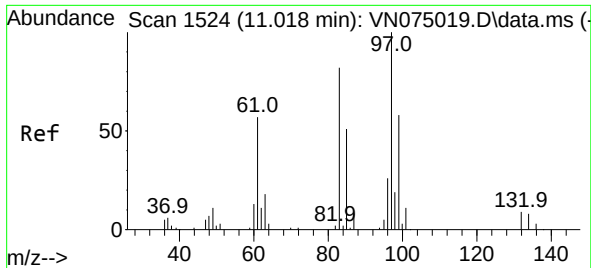
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#54
cis-1,3-Dichloropropene
Concen: 53.608 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

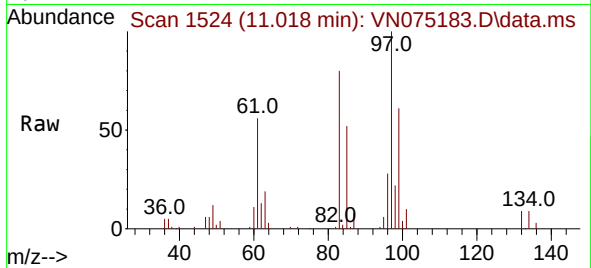
Tgt Ion: 75 Resp: 116050
Ion Ratio Lower Upper
75 100
77 33.5 23.7 35.5
39 43.0 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 53.347 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

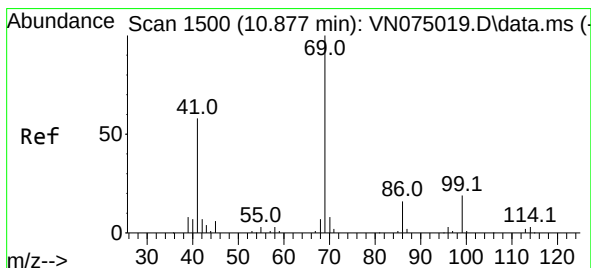
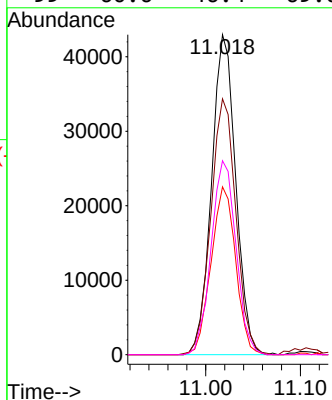
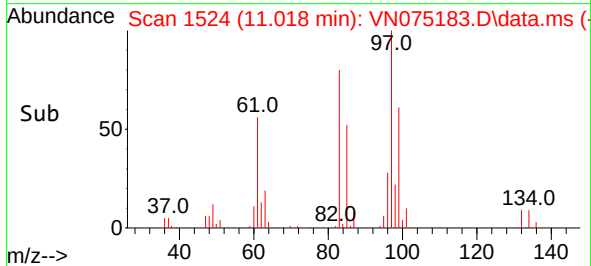
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



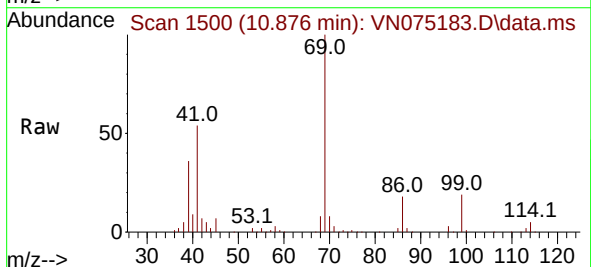
Tgt Ion:	97	Resp:	76152
Ion Ratio	100	Lower	Upper
97	100		
83	79.9	65.9	98.9
85	52.4	40.4	60.6
99	60.6	46.4	69.6

Manual Integrations
APPROVED

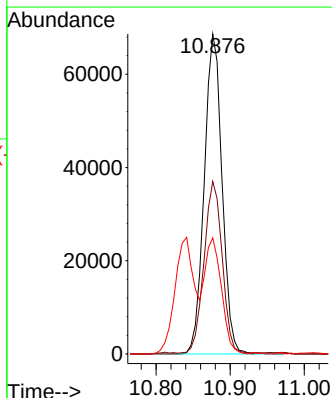
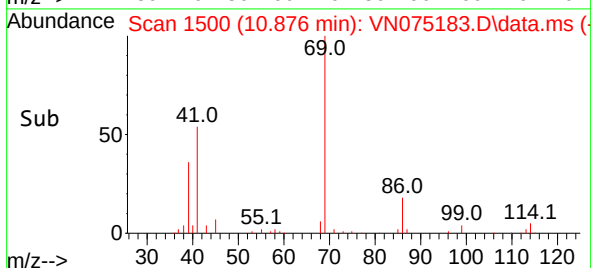
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

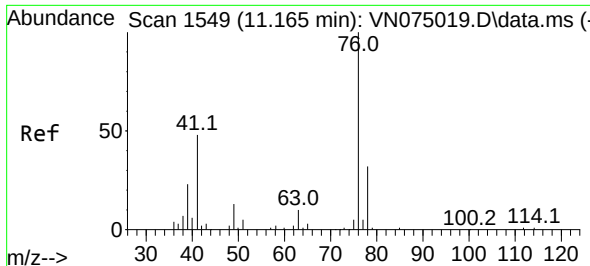


#56
Ethyl methacrylate
Concen: 52.568 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56



Tgt Ion:	69	Resp:	114463
Ion Ratio	100	Lower	Upper
69	100		
41	55.3	45.6	68.4
39	34.0	28.5	42.7





#57

1,3-Dichloropropane

Concen: 52.635 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075183.D

Acq: 07 Nov 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 125120

Ion Ratio Lower Upper

76 100

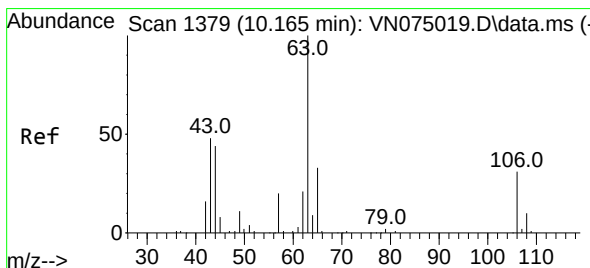
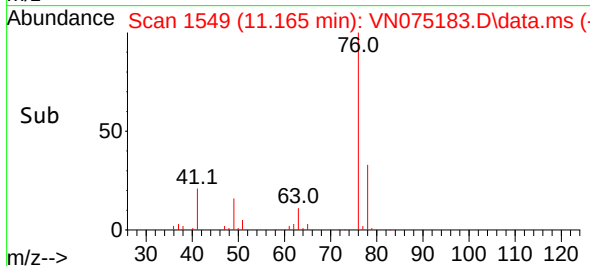
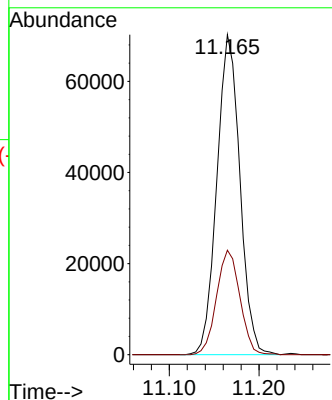
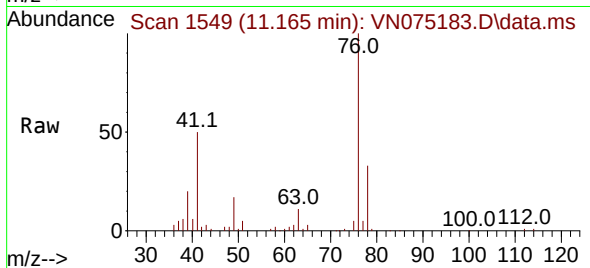
78 33.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#58

2-Chloroethyl Vinyl ether

Concen: 263.824 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075183.D

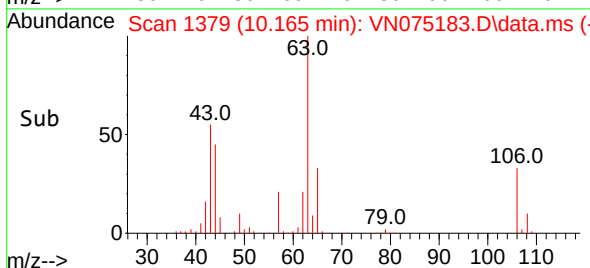
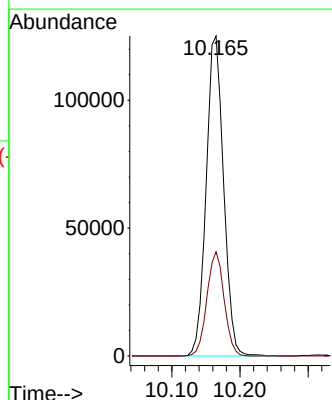
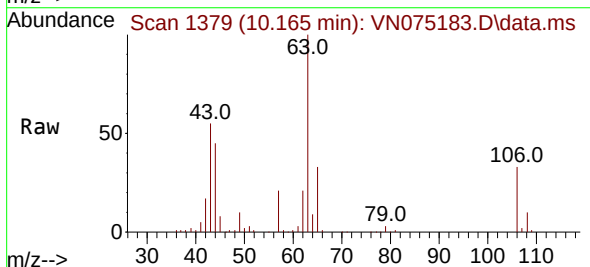
Acq: 07 Nov 2022 12:56

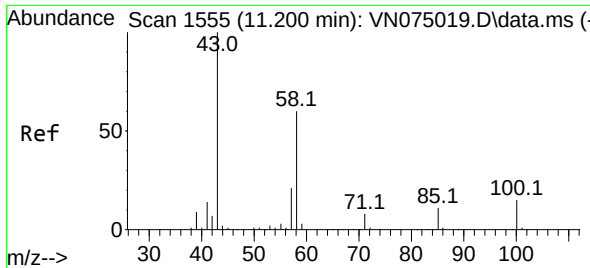
Tgt Ion: 63 Resp: 222084

Ion Ratio Lower Upper

63 100

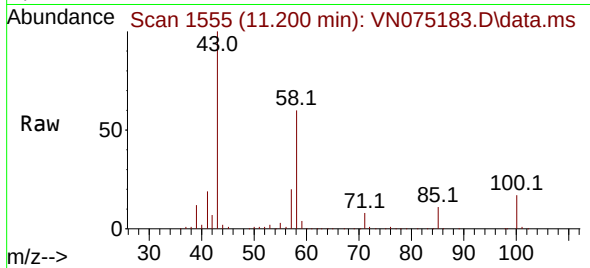
106 32.2 24.8 37.2





#59
2-Hexanone
Concen: 257.960 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

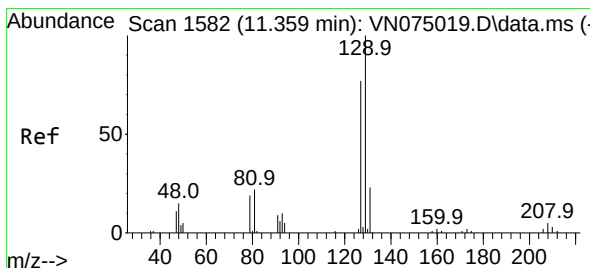
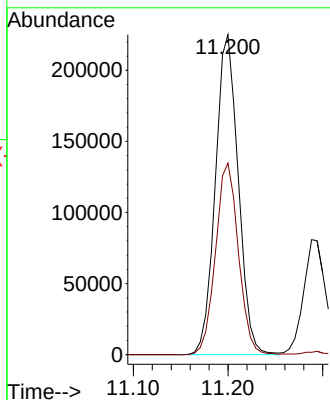
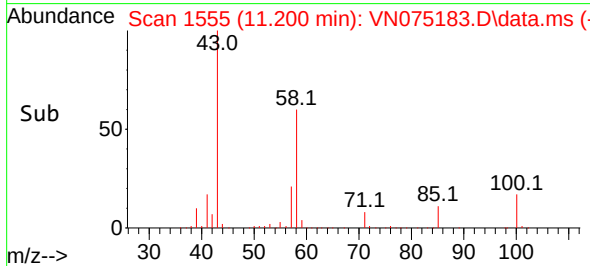
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 37802
Ion Ratio Lower Upper
43 100
58 59.8 29.6 88.8

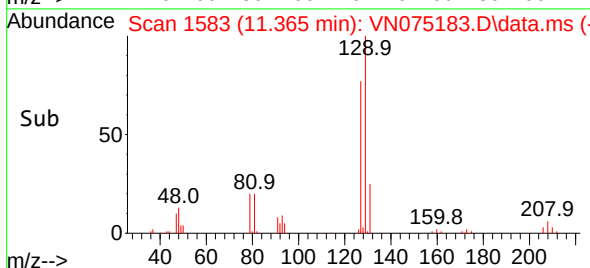
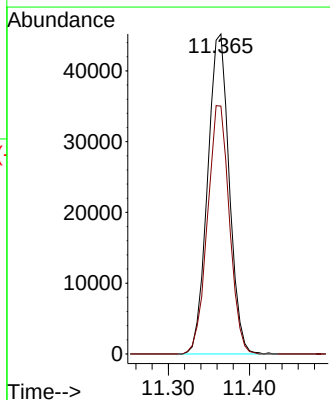
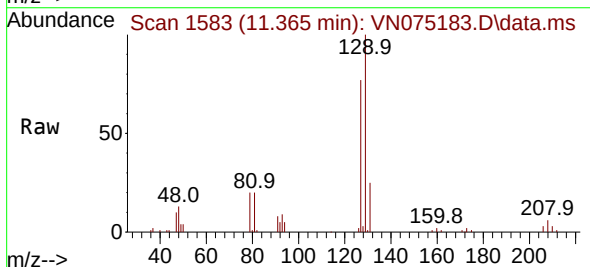
Manual Integrations
APPROVED

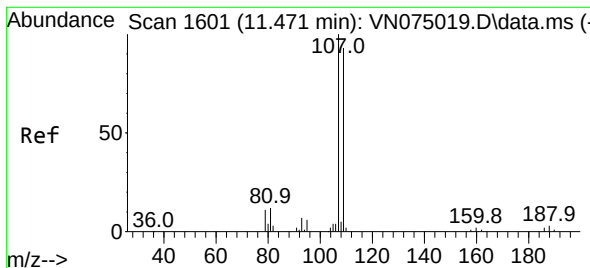
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#60
Dibromochloromethane
Concen: 55.550 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

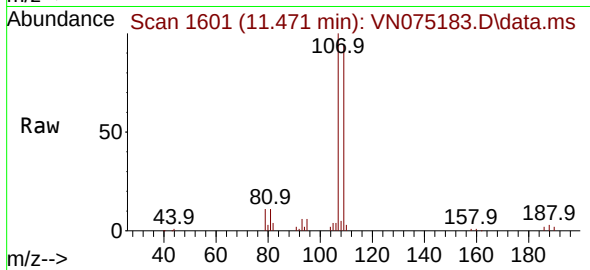
Tgt Ion:129 Resp: 83661
Ion Ratio Lower Upper
129 100
127 78.5 38.6 115.8





#61
1,2-Dibromoethane
Concen: 54.414 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

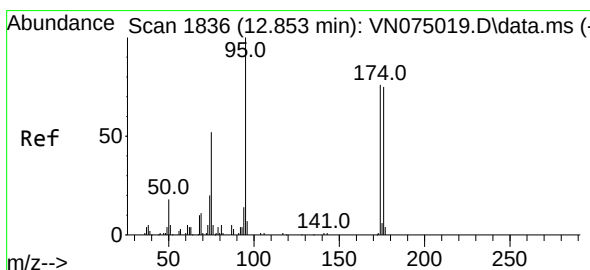
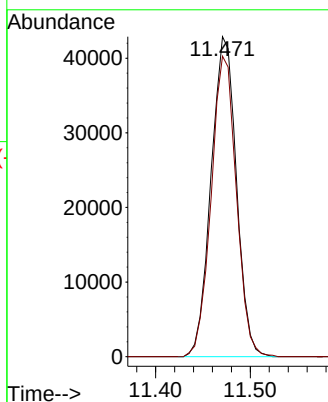
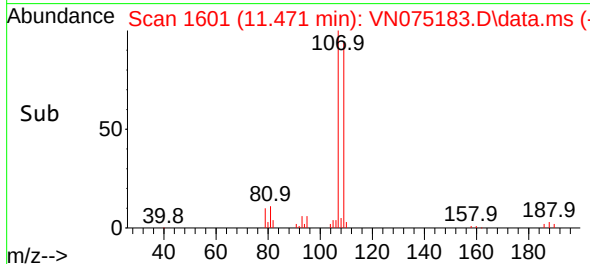
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



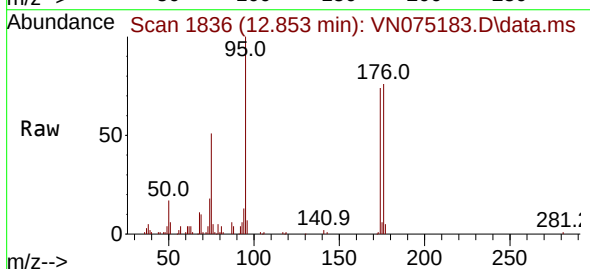
Tgt Ion:107 Resp: 7960
Ion Ratio Lower Upper
107 100
109 93.2 75.6 113.4

Manual Integrations
APPROVED

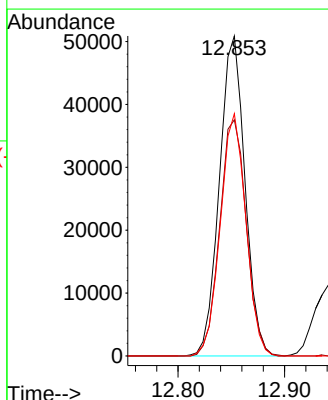
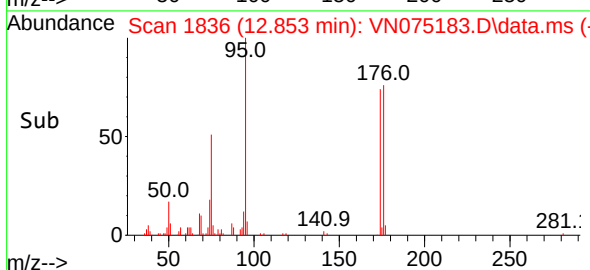
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

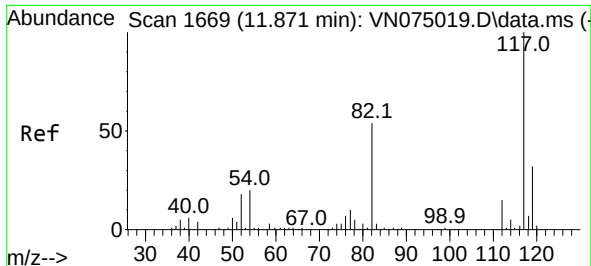


#62
4-Bromofluorobenzene
Concen: 54.592 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56



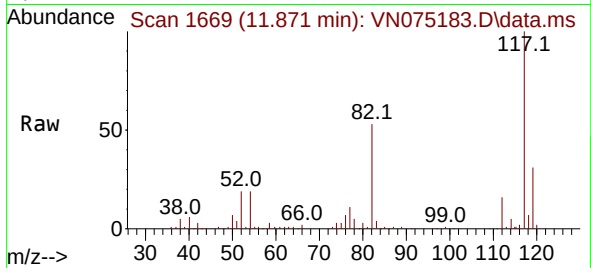
Tgt Ion: 95 Resp: 84530
Ion Ratio Lower Upper
95 100
174 77.2 0.0 147.4
176 75.8 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

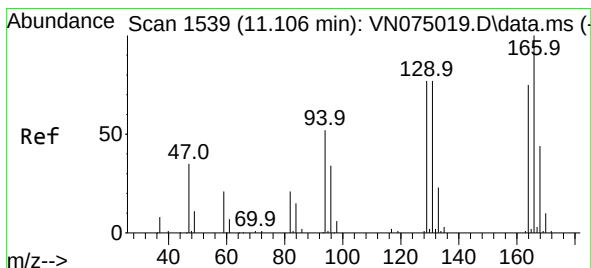
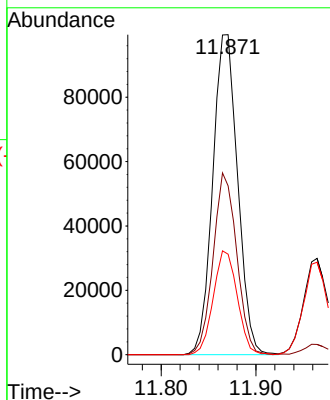
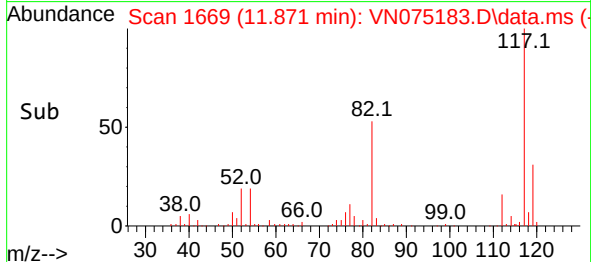
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 181694
Ion Ratio Lower Upper
117 100
82 52.8 43.1 64.7
119 31.4 25.5 38.3

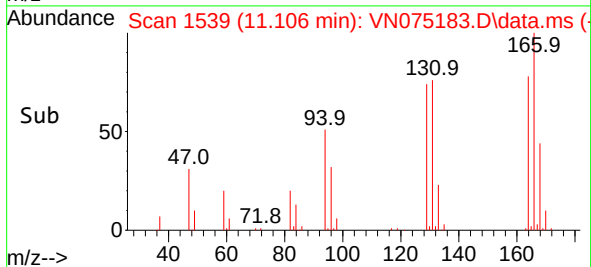
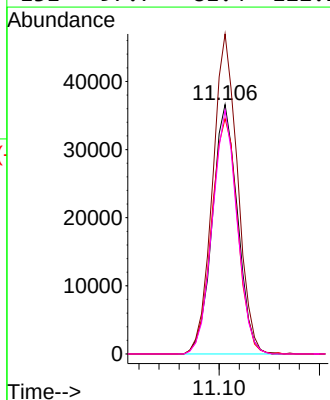
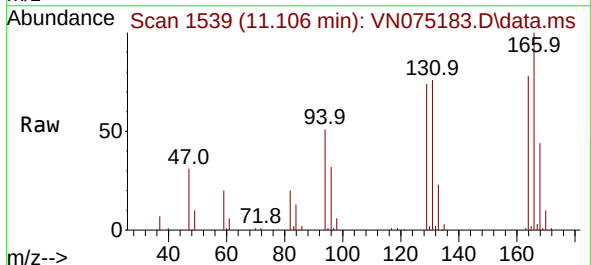
Manual Integrations
APPROVED

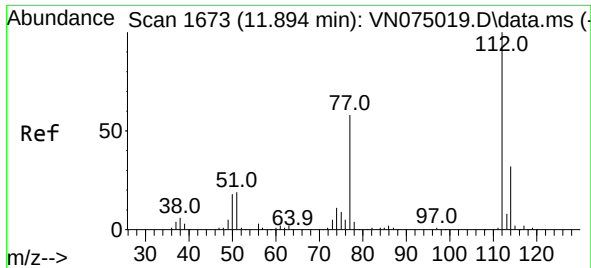
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#64
Tetrachloroethene
Concen: 57.196 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

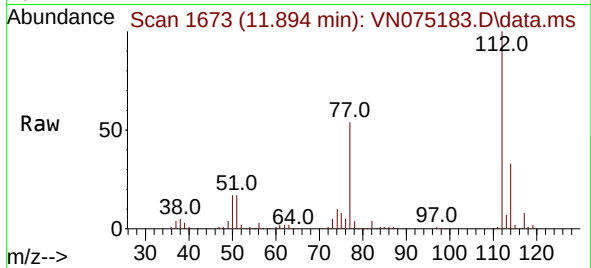
Tgt Ion:164 Resp: 63713
Ion Ratio Lower Upper
164 100
166 128.3 106.5 159.7
129 94.4 81.9 122.9
131 97.7 81.4 122.2





#65
Chlorobenzene
Concen: 52.671 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

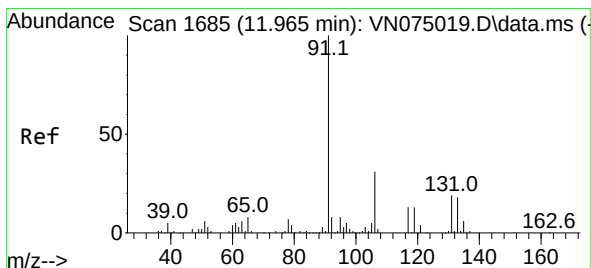
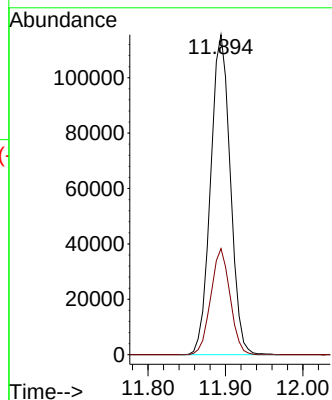
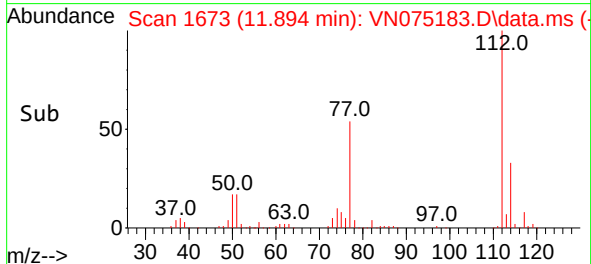
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



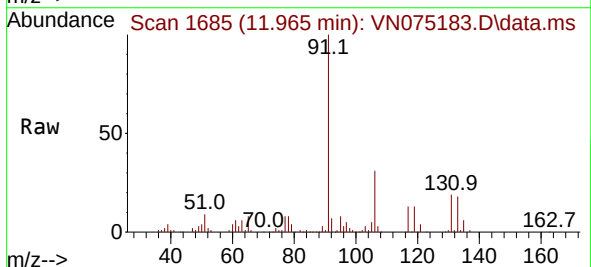
Tgt Ion:112 Resp: 204274
Ion Ratio Lower Upper
112 100
114 33.2 25.4 38.2

Manual Integrations
APPROVED

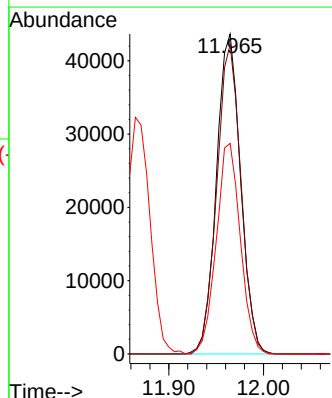
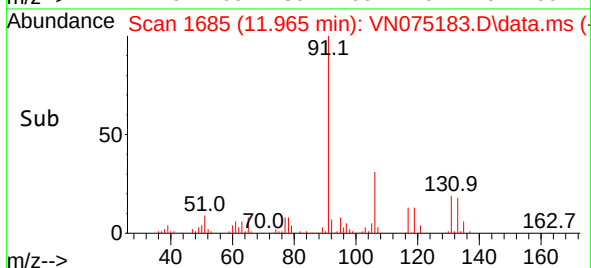
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

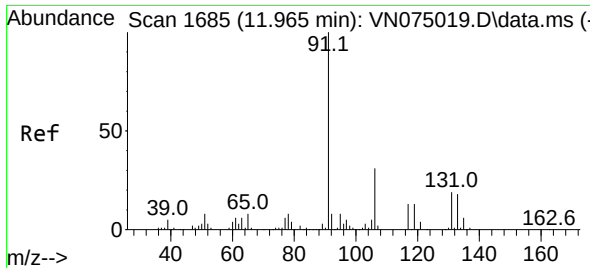


#66
1,1,1,2-Tetrachloroethane
Concen: 53.825 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56



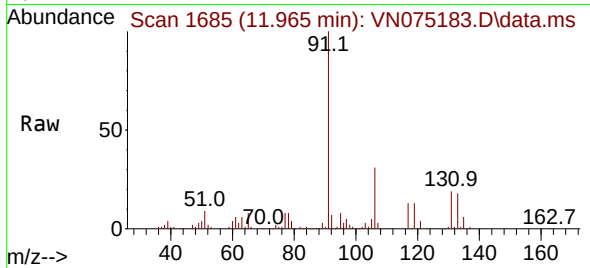
Tgt Ion:131 Resp: 77438
Ion Ratio Lower Upper
131 100
133 96.7 47.8 143.4
119 65.8 33.0 99.0





#67
Ethyl Benzene
Concen: 53.085 ug/l
RT: 11.965 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

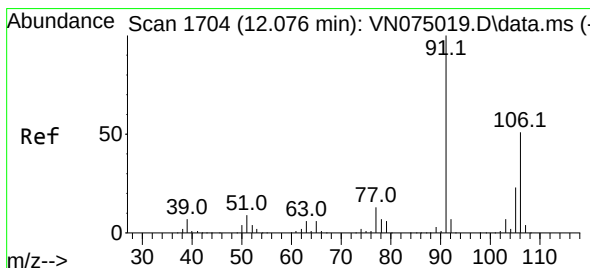
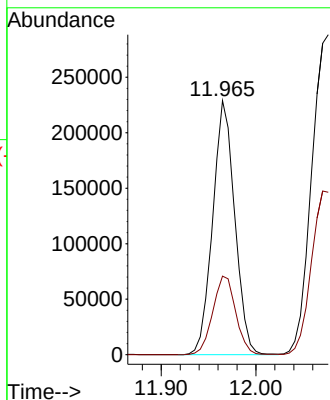
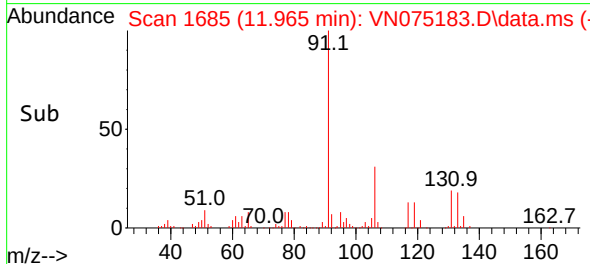
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



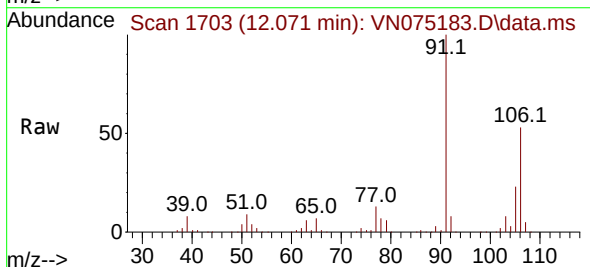
Tgt Ion: 91 Resp: 370408
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3

Manual Integrations
APPROVED

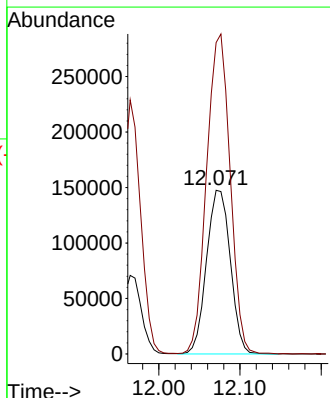
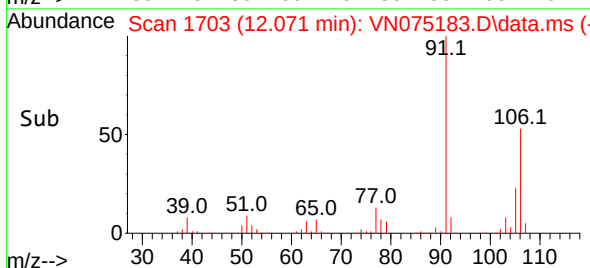
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

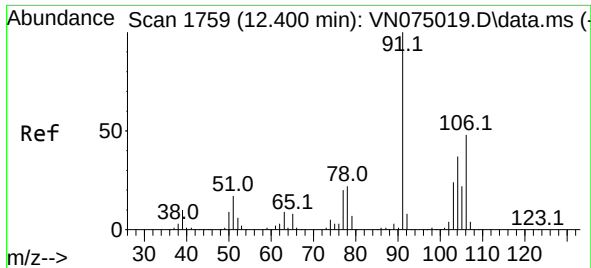


#68
m/p-Xylenes
Concen: 107.252 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.005 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56



Tgt Ion:106 Resp: 300280
Ion Ratio Lower Upper
106 100
91 193.7 156.0 234.0





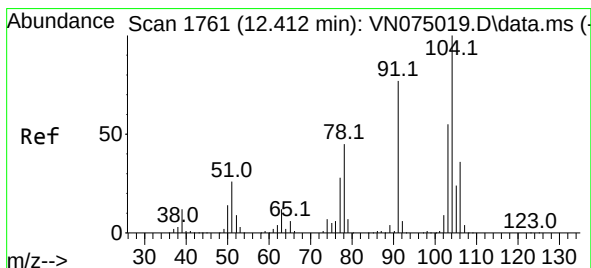
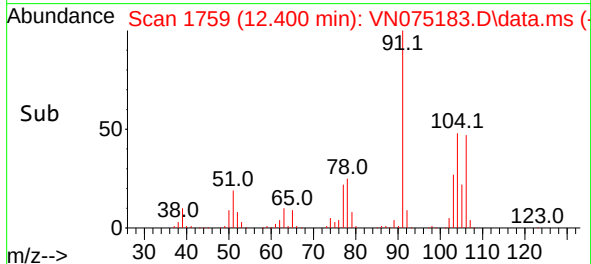
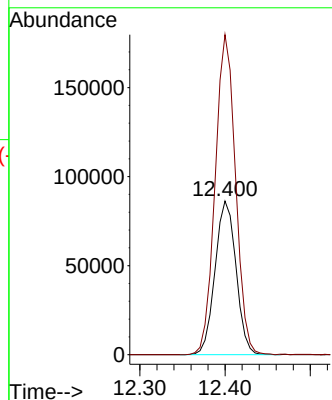
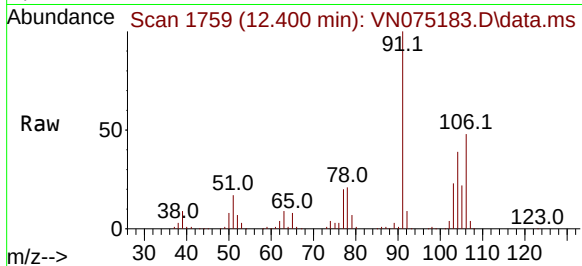
#69
o-Xylene
Concen: 53.322 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 147638
Ion Ratio Lower Upper
106 100
91 202.5 105.2 315.5

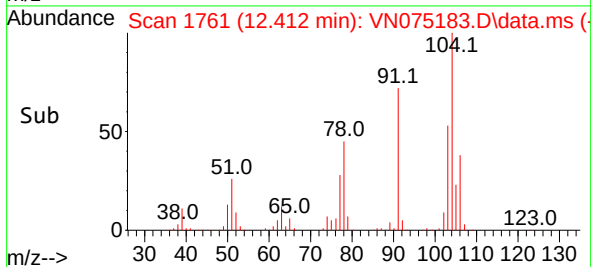
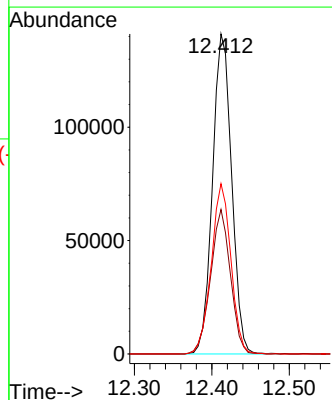
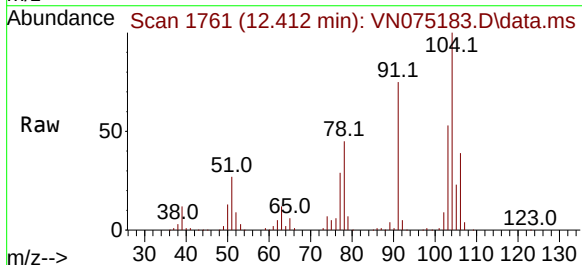
Manual Integrations
APPROVED

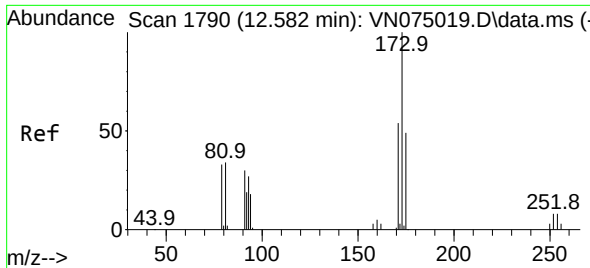
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#70
Styrene
Concen: 54.746 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

Tgt Ion:104 Resp: 241697
Ion Ratio Lower Upper
104 100
78 46.8 38.1 57.1
103 54.7 44.6 66.8





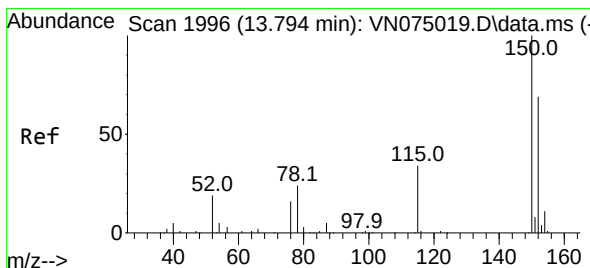
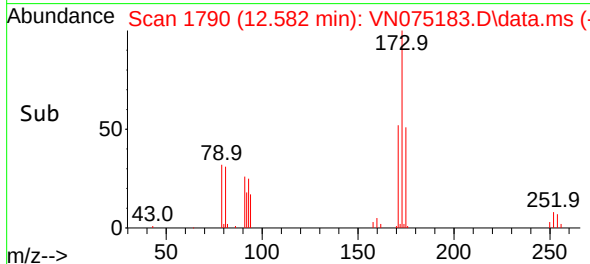
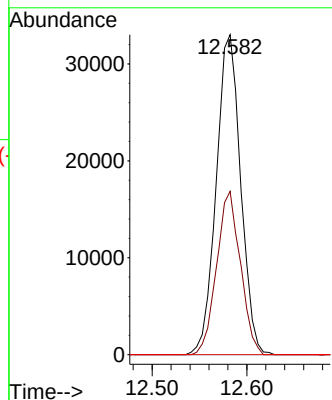
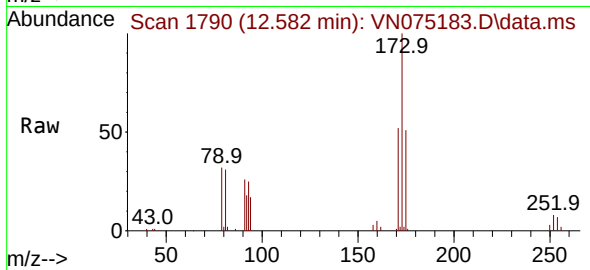
#71
Bromoform
Concen: 54.948 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 5918
Ion Ratio Lower Upper
173 100
175 49.7 24.6 74.0
254 0.0 0.0 0.0

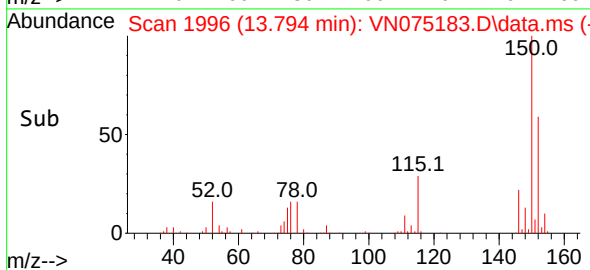
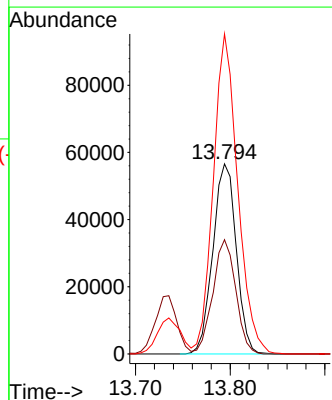
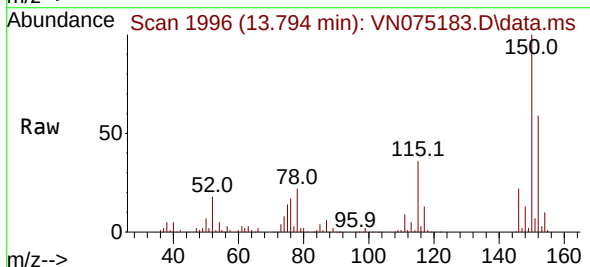
Manual Integrations
APPROVED

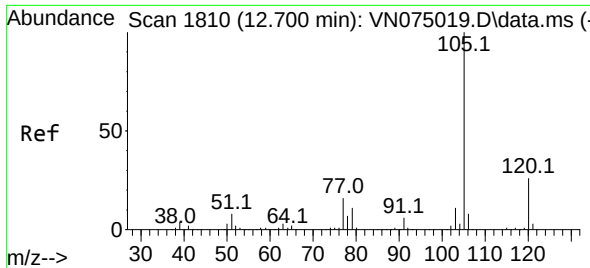
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

Tgt Ion:152 Resp: 97205
Ion Ratio Lower Upper
152 100
115 58.8 30.2 90.6
150 175.4 0.0 348.4





#73
Isopropylbenzene
Concen: 49.540 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

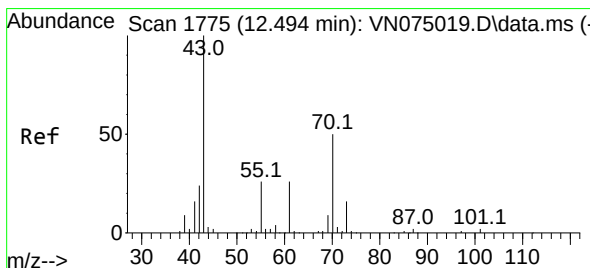
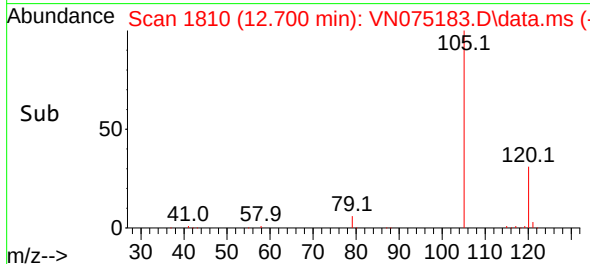
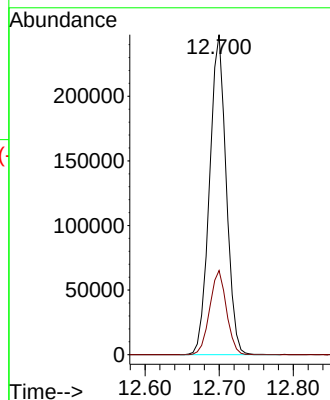
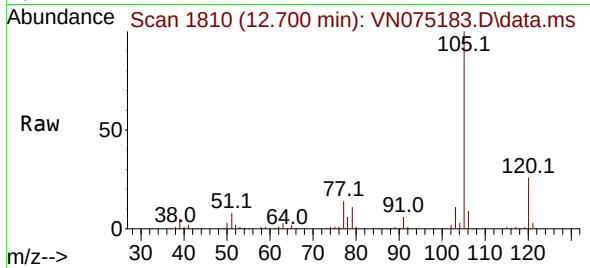
VSTDCCC050

Tgt Ion:105 Resp: 386590
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

Manual Integrations

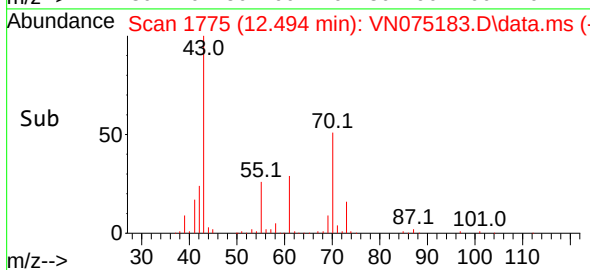
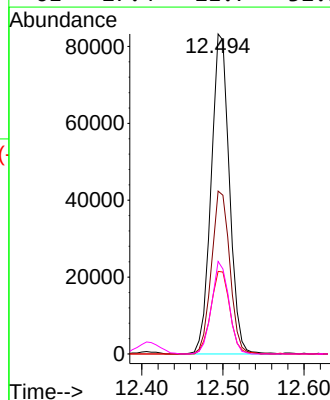
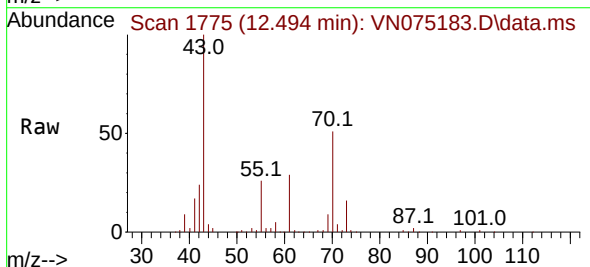
APPROVED

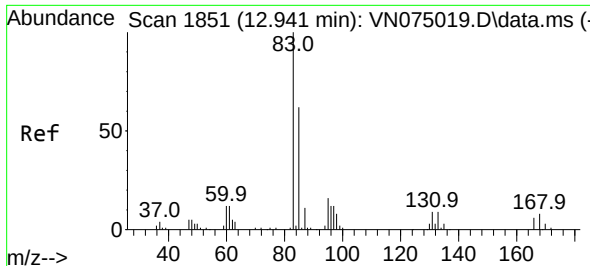
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#74
N-ethyl acetate
Concen: 44.988 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

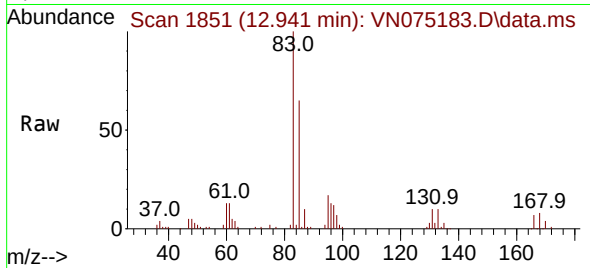
Tgt Ion: 43 Resp: 129847
Ion Ratio Lower Upper
43 100
70 51.1 39.8 59.8
55 26.8 19.9 29.9
61 27.4 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 52.303 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

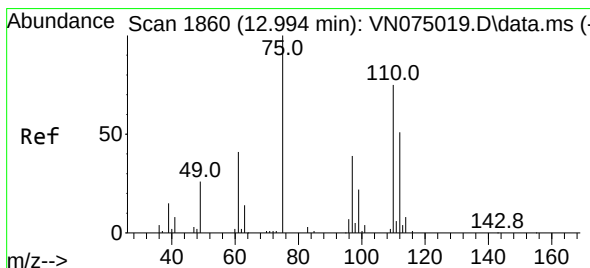
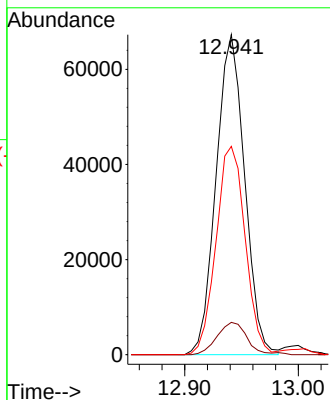
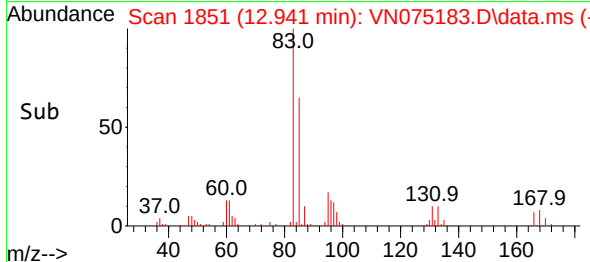
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 11757
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.3
85 66.6 31.6 94.7

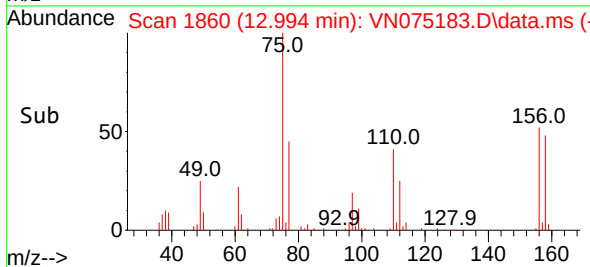
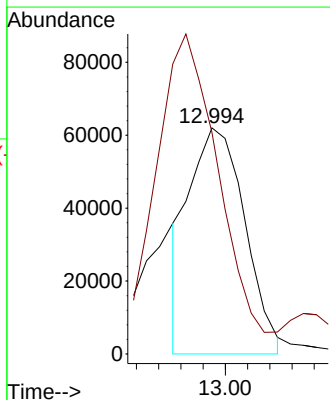
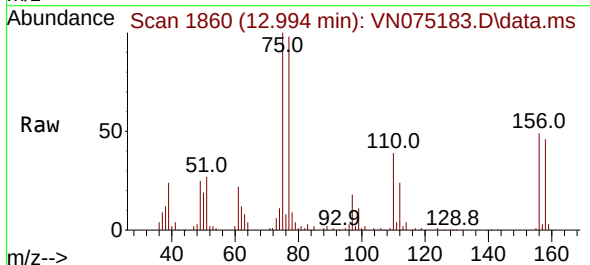
Manual Integrations
APPROVED

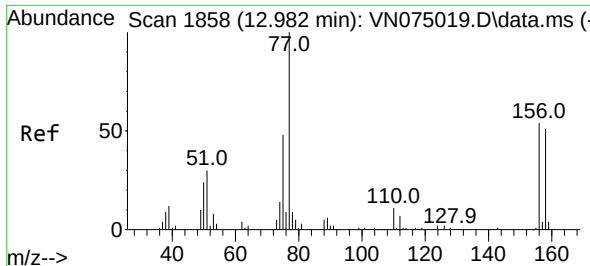
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#76
1,2,3-Trichloropropane
Concen: 52.361 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

Tgt Ion: 75 Resp: 108069
Ion Ratio Lower Upper
75 100
77 162.3 75.6 226.8





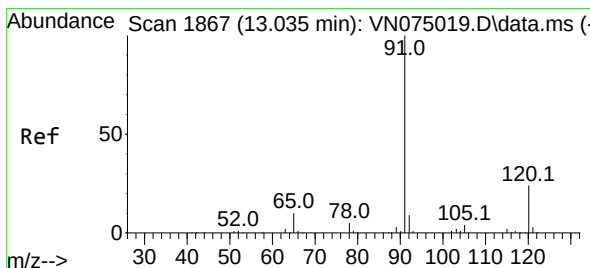
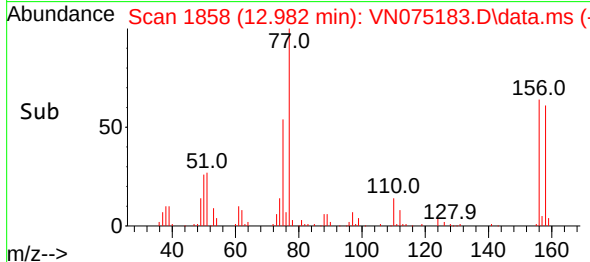
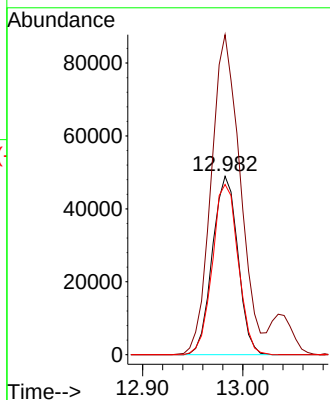
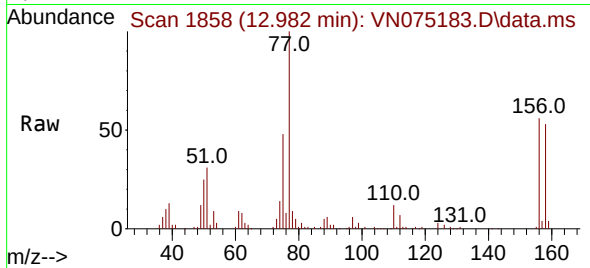
#77
Bromobenzene
Concen: 50.192 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 86245
Ion Ratio Lower Upper
156 100
77 203.3 108.5 325.5
158 96.5 47.7 143.1

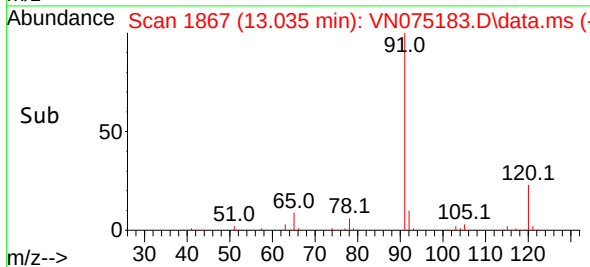
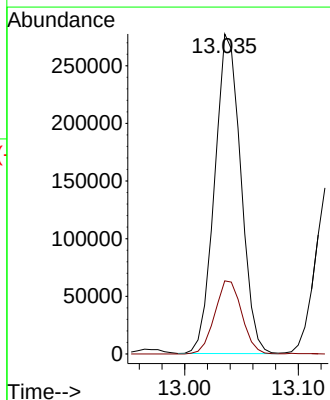
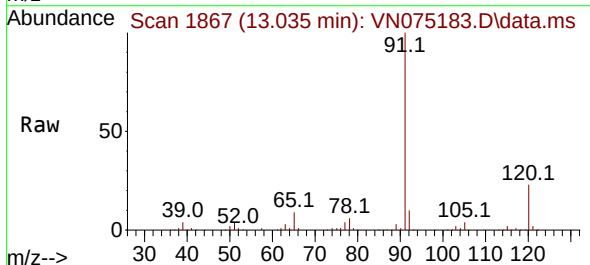
Manual Integrations
APPROVED

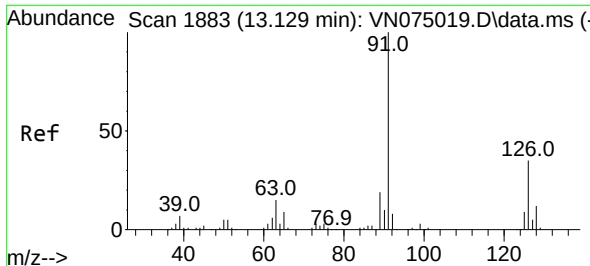
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#78
n-propylbenzene
Concen: 50.689 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

Tgt Ion: 91 Resp: 444117
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.5





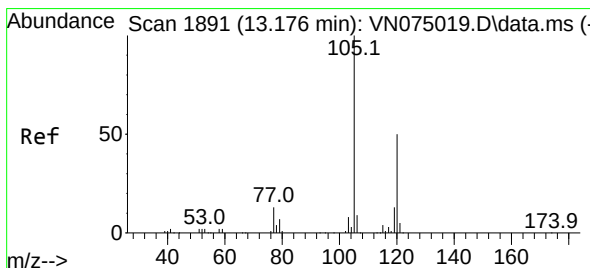
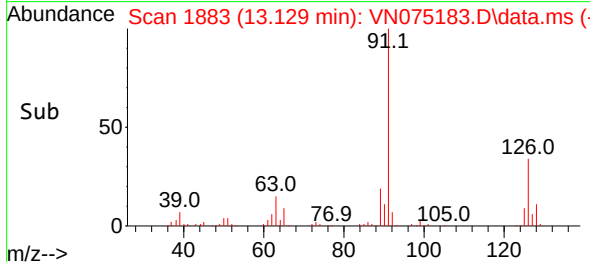
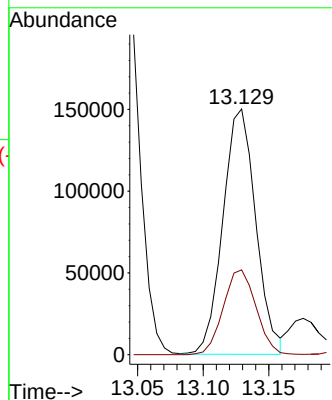
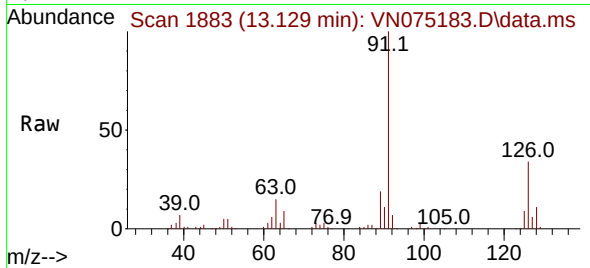
#79
2-Chlorotoluene
Concen: 48.979 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 262230
Ion Ratio Lower Upper
91 100
126 34.4 16.9 50.7

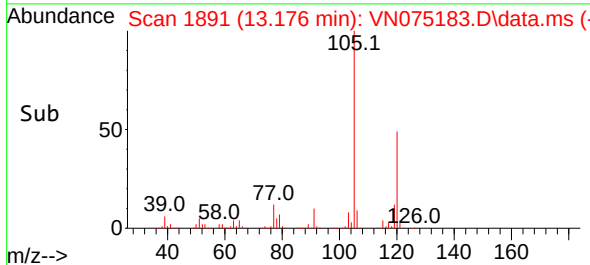
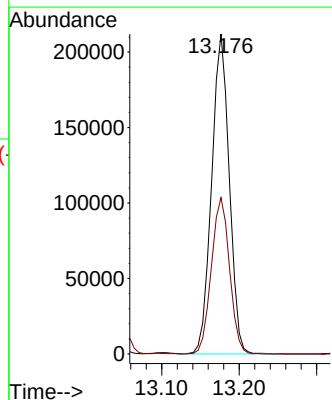
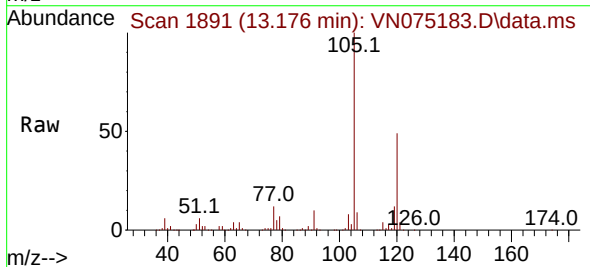
Manual Integrations
APPROVED

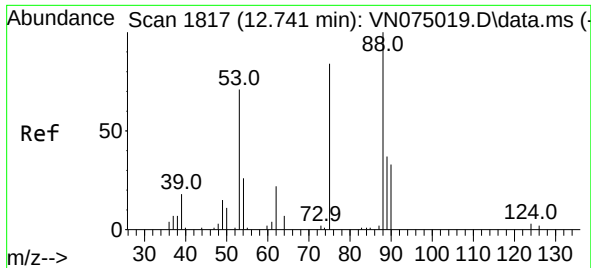
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.026 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

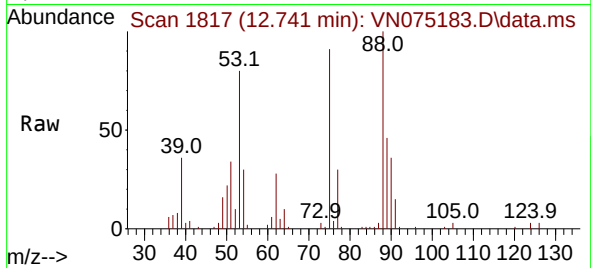
Tgt Ion:105 Resp: 334449
Ion Ratio Lower Upper
105 100
120 50.3 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 47.398 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

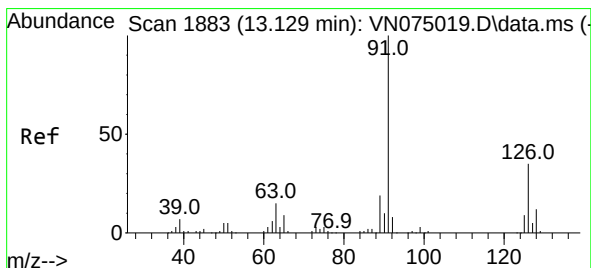
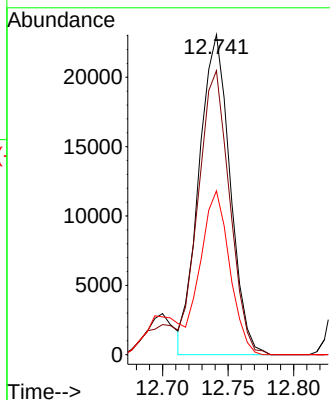
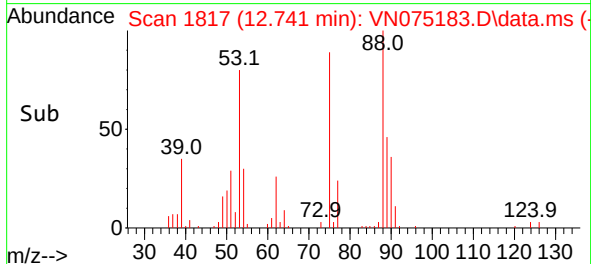
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



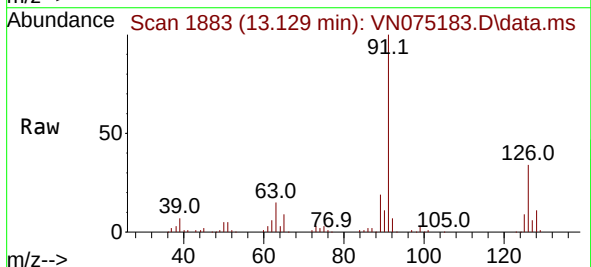
Tgt Ion: 75 Resp: 38109
Ion Ratio Lower Upper
75 100
53 99.1 78.5 117.7
89 47.5 37.7 56.5

Manual Integrations
APPROVED

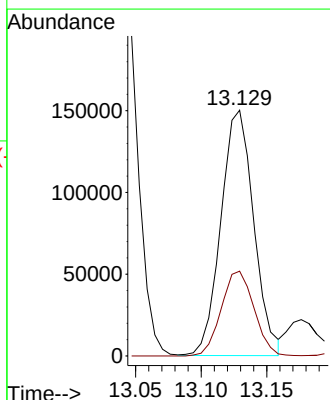
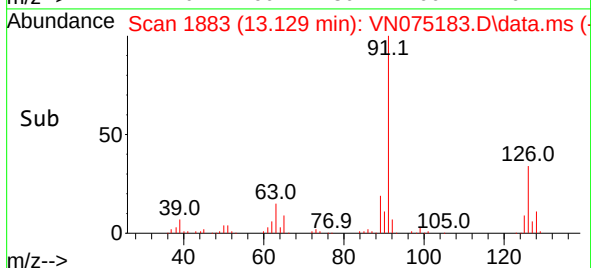
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

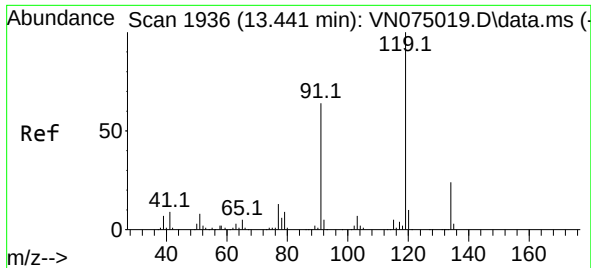


#82
4-Chlorotoluene
Concen: 48.979 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56



Tgt Ion: 91 Resp: 262230
Ion Ratio Lower Upper
91 100
126 34.4 16.9 50.7





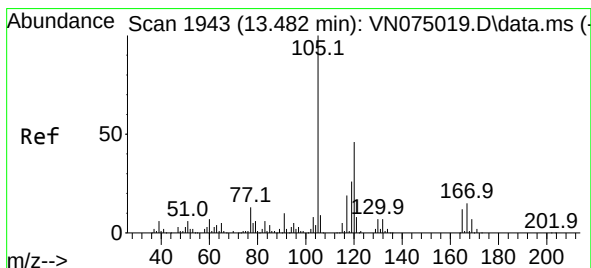
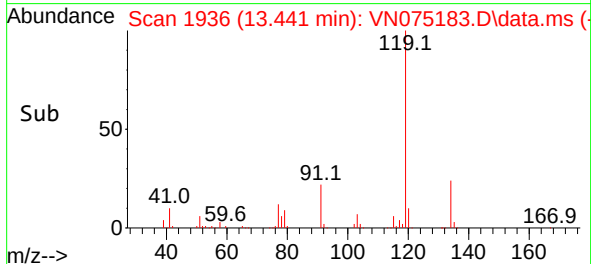
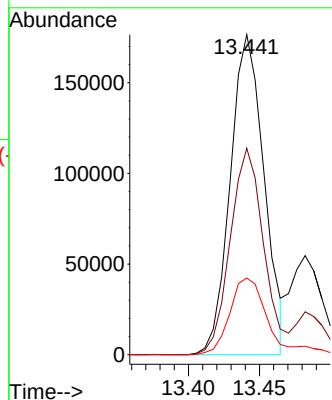
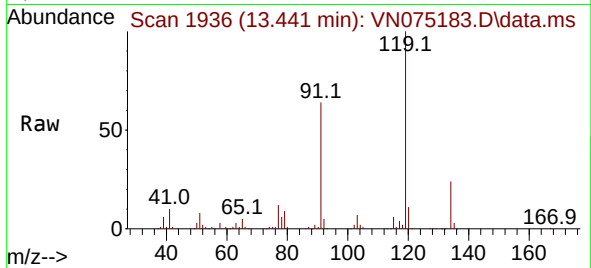
#83
tert-Butylbenzene
Concen: 50.118 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 29189
Ion Ratio Lower Upper
119 100
91 64.2 32.8 98.4
134 27.1 12.3 36.9

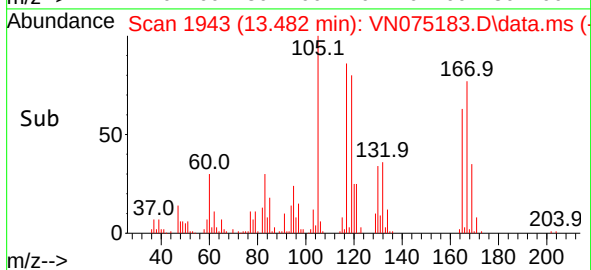
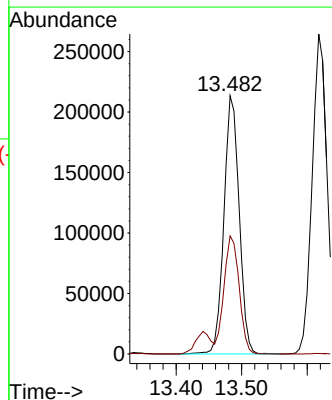
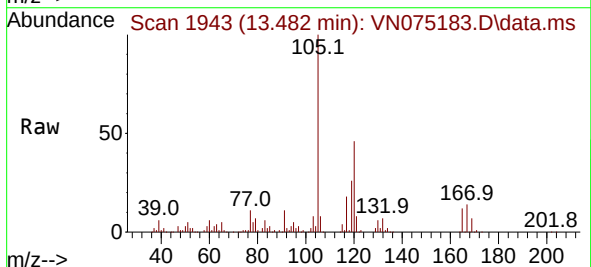
Manual Integrations
APPROVED

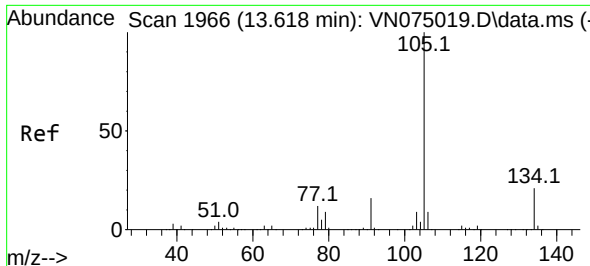
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#84
1,2,4-Trimethylbenzene
Concen: 51.797 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

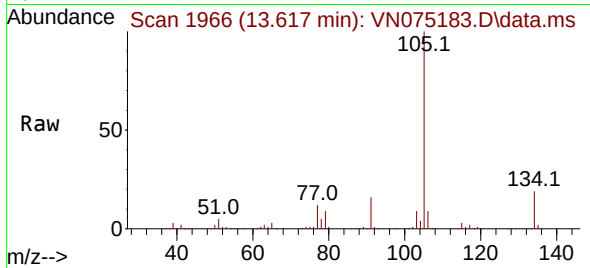
Tgt Ion:105 Resp: 343503
Ion Ratio Lower Upper
105 100
120 45.6 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 51.584 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075183.D
 Acq: 07 Nov 2022 12:56

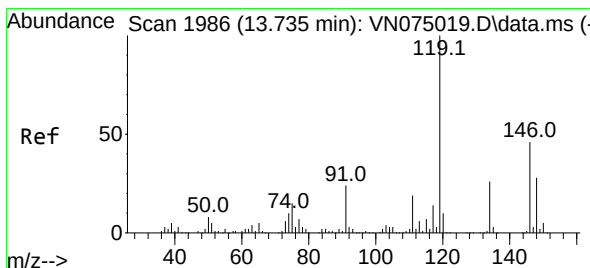
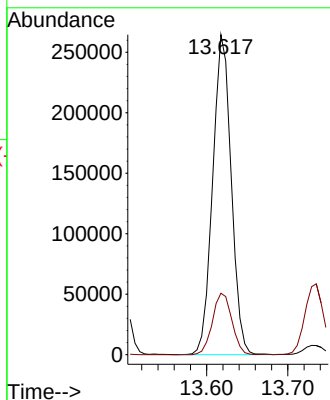
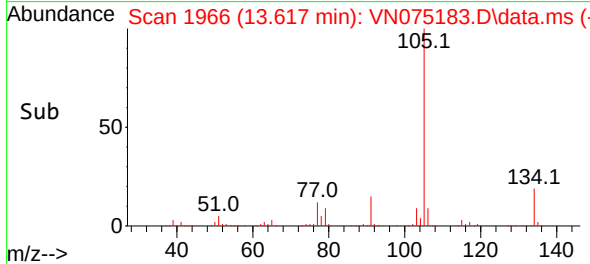
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



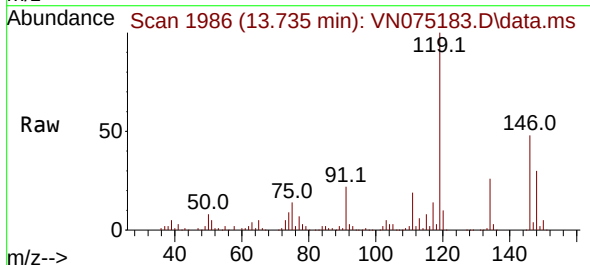
Tgt Ion:105 Resp: 42027
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.6

Manual Integrations
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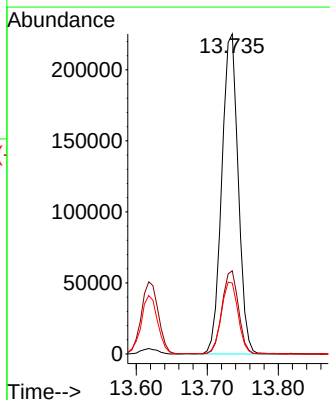
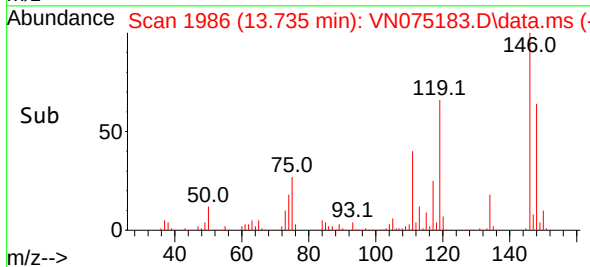
Reviewed By :John Carlone 11/08/2022
 Supervised By :Mahesh Dadoda 11/08/2022

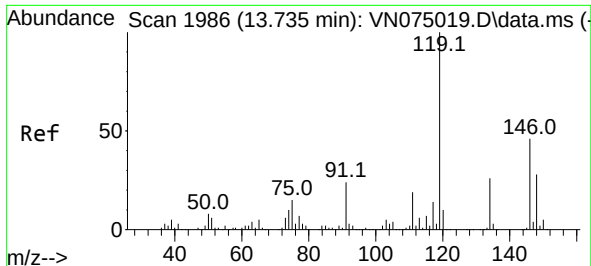


#86
 p-Isopropyltoluene
 Concen: 53.565 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075183.D
 Acq: 07 Nov 2022 12:56



Tgt Ion:119 Resp: 360427
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.3
 91 22.8 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 53.188 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075183.D

Acq: 07 Nov 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 17894

Ion Ratio Lower Upper

146 100

111 40.0 20.8 62.5

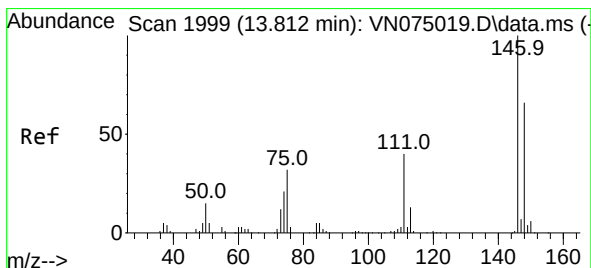
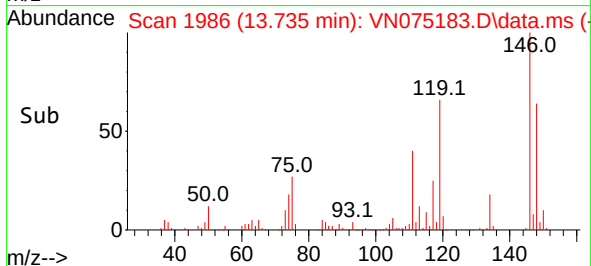
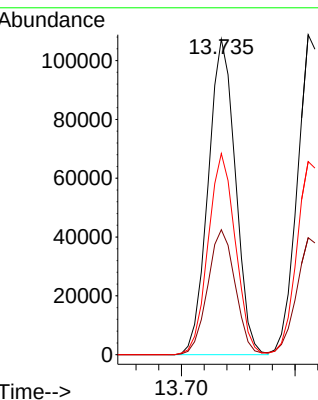
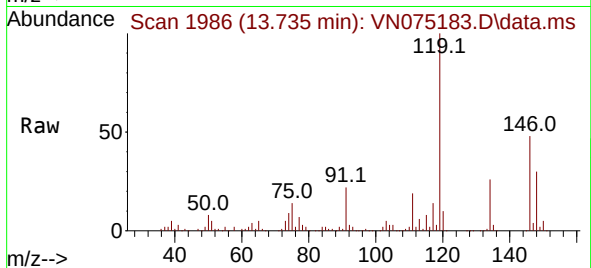
148 63.8 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#88

1,4-Dichlorobenzene

Concen: 53.931 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN075183.D

Acq: 07 Nov 2022 12:56

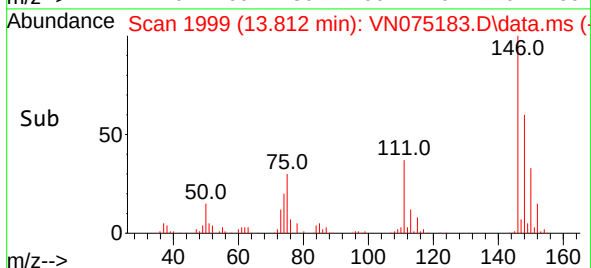
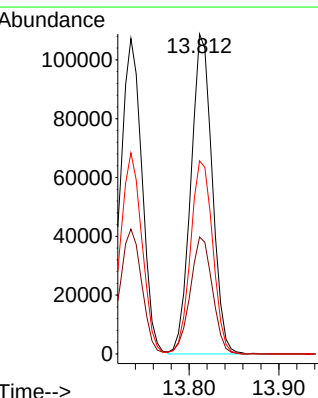
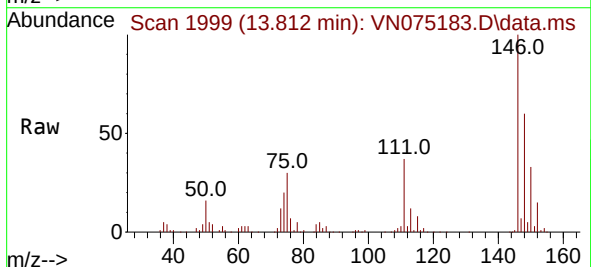
Tgt Ion:146 Resp: 179570

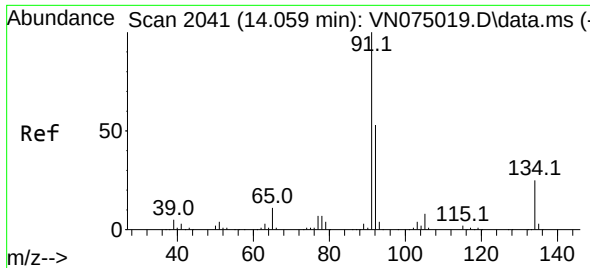
Ion Ratio Lower Upper

146 100

111 38.1 20.1 60.3

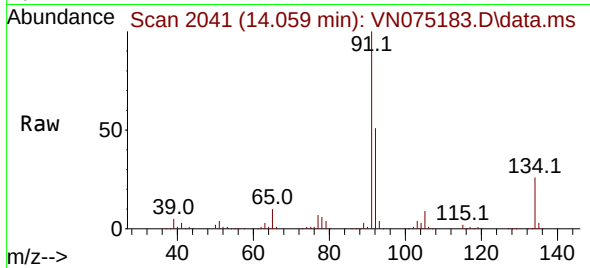
148 62.9 31.9 95.7





#89
n-Butylbenzene
Concen: 54.855 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

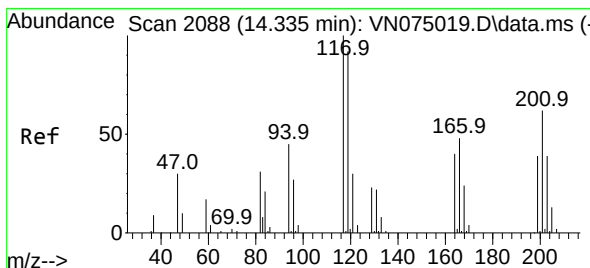
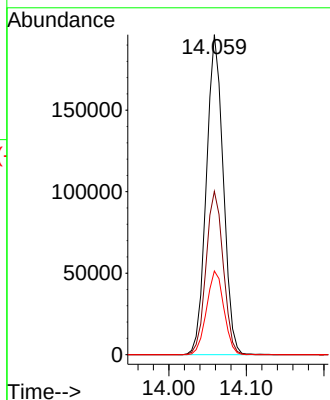
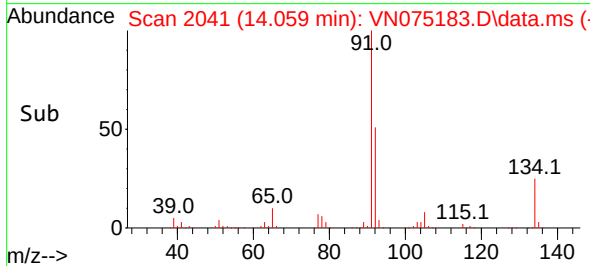
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 297230
Ion Ratio Lower Upper
91 100
92 52.0 26.5 79.4
134 26.9 13.0 39.0

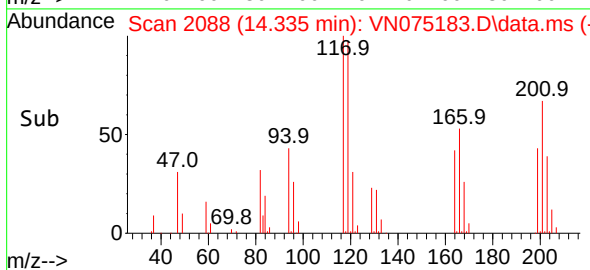
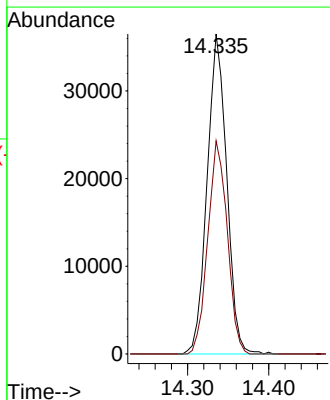
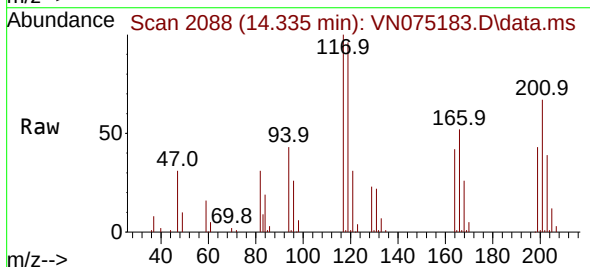
Manual Integrations
APPROVED

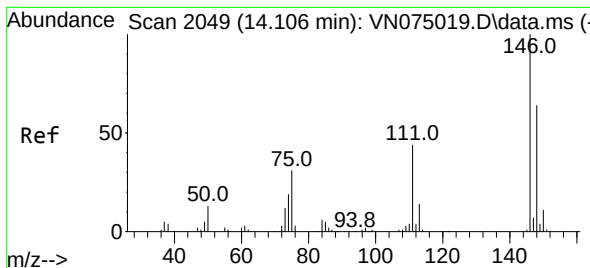
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#90
Hexachloroethane
Concen: 49.525 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

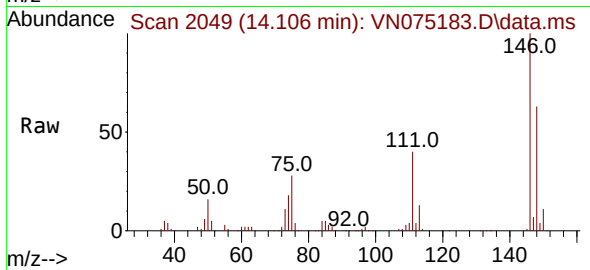
Tgt Ion:117 Resp: 61099
Ion Ratio Lower Upper
117 100
201 66.2 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 52.670 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

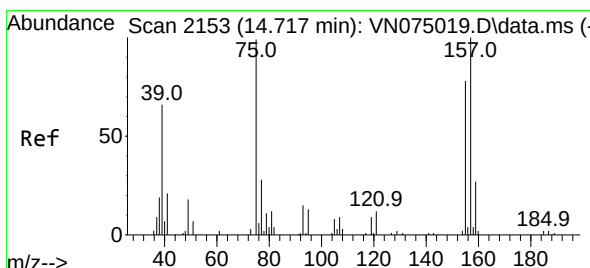
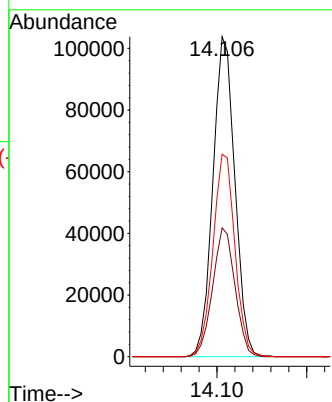
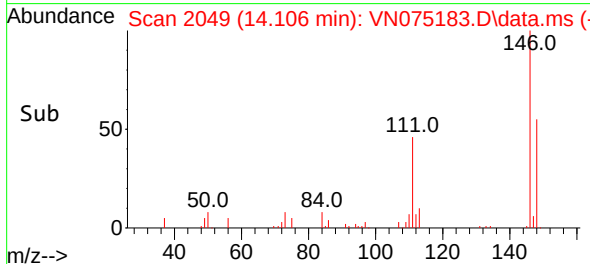
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



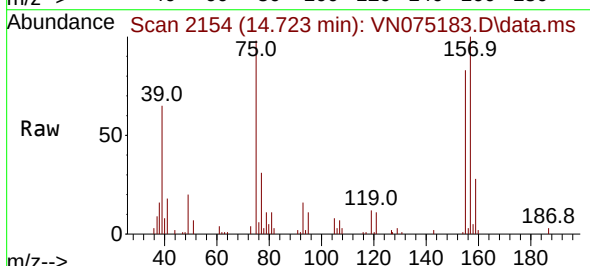
Tgt Ion:146 Resp: 176164
Ion Ratio Lower Upper
146 100
111 40.9 21.3 63.9
148 63.5 31.4 94.2

Manual Integrations
APPROVED

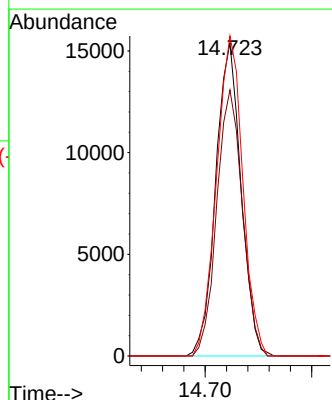
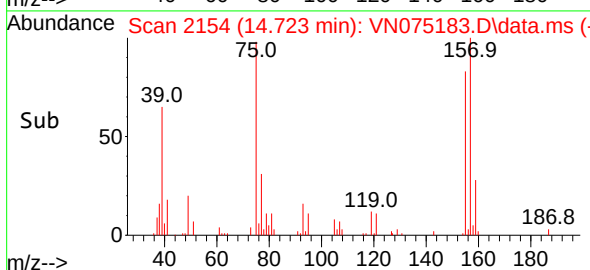
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

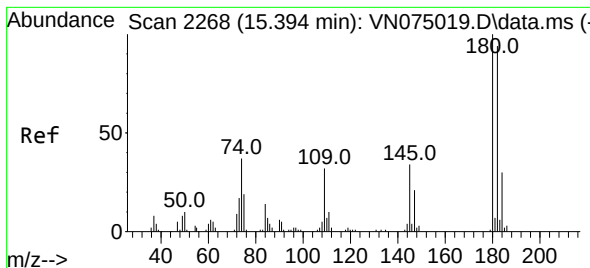


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.084 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56



Tgt Ion: 75 Resp: 25311
Ion Ratio Lower Upper
75 100
155 86.5 42.1 126.3
157 106.3 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 58.129 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075183.D

Acq: 07 Nov 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

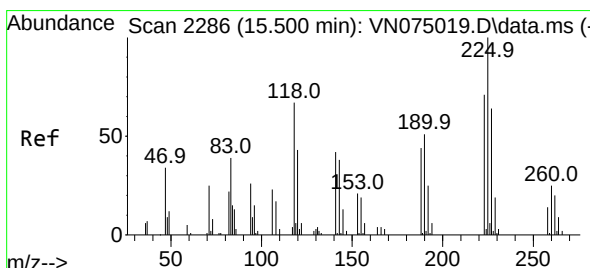
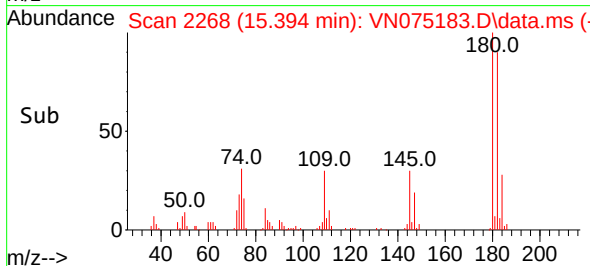
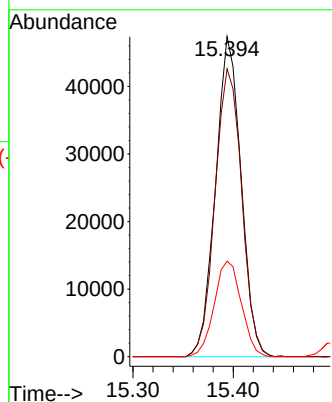
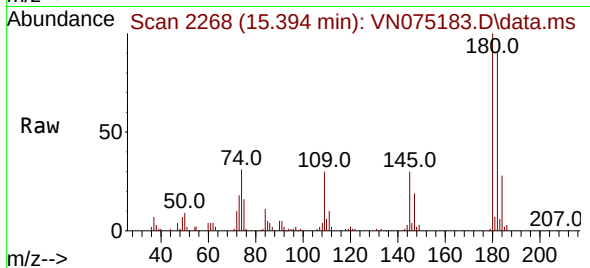
Tgt Ion:180	Resp:	8366
Ion Ratio	Lower	Upper
180	100	
182	94.1	47.8 143.4
145	31.7	16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#94

Hexachlorobutadiene

Concen: 55.930 ug/l

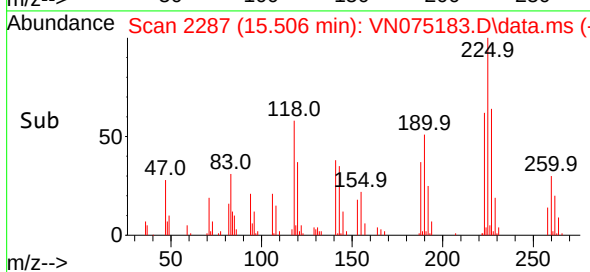
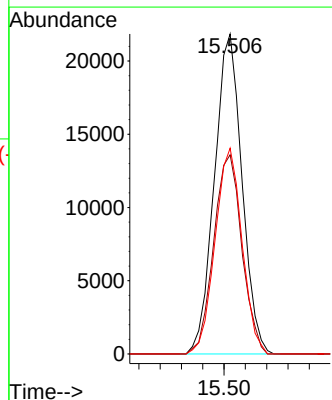
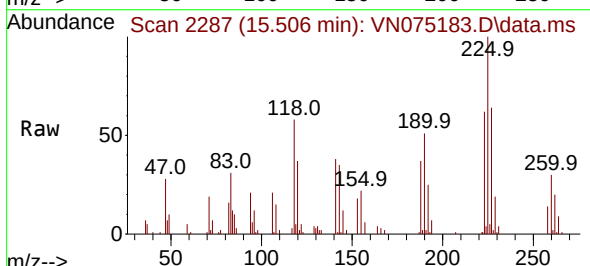
RT: 15.506 min Scan# 2287

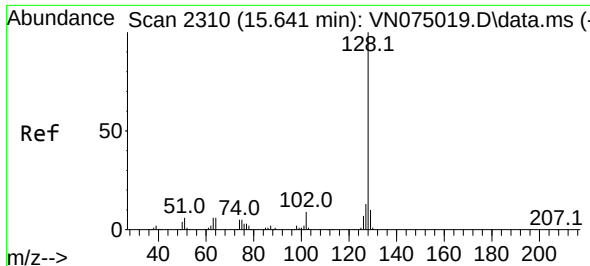
Delta R.T. 0.006 min

Lab File: VN075183.D

Acq: 07 Nov 2022 12:56

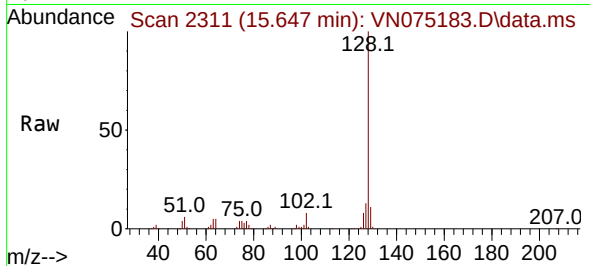
Tgt Ion:225	Resp:	39243
Ion Ratio	Lower	Upper
225	100	
223	63.5	32.3 96.9
227	62.6	32.0 96.2





#95
Naphthalene
Concen: 53.906 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

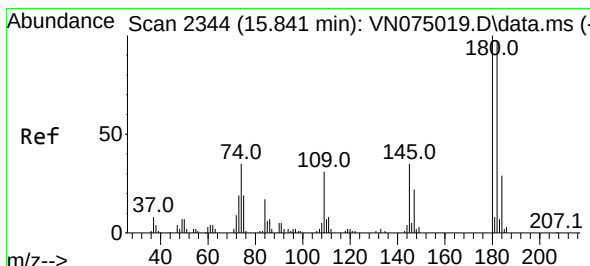
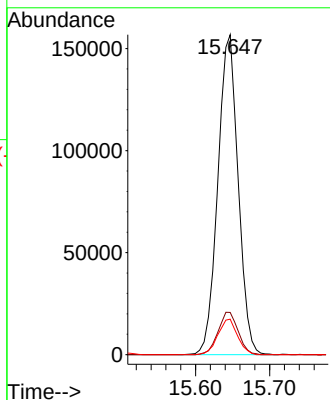
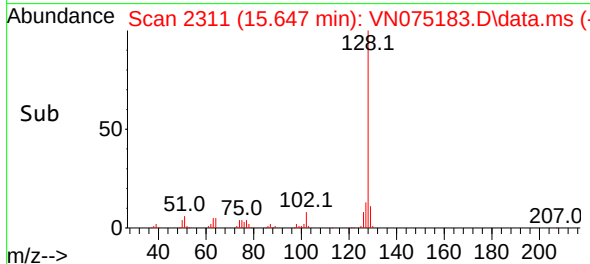
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 29835
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#96
1,2,3-Trichlorobenzene
Concen: 58.055 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075183.D
Acq: 07 Nov 2022 12:56

Tgt Ion:180 Resp: 83022
Ion Ratio Lower Upper
180 100
182 93.1 47.3 141.8
145 34.9 17.6 52.9

