

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042922\
 Data File : VN072260.D
 Acq On : 29 Apr 2022 10:17
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 30 03:10:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/02/2022
 Supervised By : Mahesh Dadoda 05/02/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	230574	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	367488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	345465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	146415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	185488	52.400	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.800%			
35) Dibromofluoromethane	8.016	113	125859	53.509	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.020%			
50) Toluene-d8	10.439	98	483934	52.360	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.720%			
62) 4-Bromofluorobenzene	12.727	95	179511	58.515	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 117.040%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	125473	48.546	ug/l	95
3) Chloromethane	2.298	50	117829	40.477	ug/l	97
4) Vinyl Chloride	2.446	62	109123	42.041	ug/l	97
5) Bromomethane	2.834	94	63193	50.900	ug/l	97
6) Chloroethane	3.004	64	68756	46.756	ug/l	99
7) Trichlorofluoromethane	3.369	101	216146	47.665	ug/l	97
8) Diethyl Ether	3.822	74	74361	45.286	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.216	101	113473	47.638	ug/l	96
10) Methyl Iodide	4.416	142	132602	45.861	ug/l	# 82
11) Tert butyl alcohol	5.363	59	126025	216.643	ug/l	99
12) 1,1-Dichloroethene	4.181	96	98840	44.883	ug/l	90
13) Acrolein	4.034	56	117094	200.019	ug/l	98
14) Allyl chloride	4.839	41	188480	41.222	ug/l	95
15) Acrylonitrile	5.545	53	359899	205.021	ug/l	99
16) Acetone	4.275	43	336606	220.557	ug/l	96
17) Carbon Disulfide	4.528	76	222366	42.968	ug/l	98
18) Methyl Acetate	4.851	43	171061	40.086	ug/l	94
19) Methyl tert-butyl Ether	5.610	73	422752	48.974	ug/l	100
20) Methylene Chloride	5.087	84	124056	42.407	ug/l	92
21) trans-1,2-Dichloroethene	5.592	96	105524	43.455	ug/l	93
22) Diisopropyl ether	6.492	45	401063	42.584	ug/l	98
23) Vinyl Acetate	6.428	43	1741085	220.117	ug/l	95
24) 1,1-Dichloroethane	6.381	63	232183	44.073	ug/l	99
25) 2-Butanone	7.328	43	494227	203.342	ug/l	94
26) 2,2-Dichloropropane	7.316	77	214737	52.182	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	135578	45.797	ug/l	92
28) Bromochloromethane	7.651	49	100196	42.475	ug/l	83
29) Tetrahydrofuran	7.675	42	314983	197.472	ug/l	93
30) Chloroform	7.810	83	249168	47.107	ug/l	98
31) Cyclohexane	8.092	56	191320	40.450	ug/l	89
32) 1,1,1-Trichloroethane	8.010	97	228846	50.840	ug/l	99
36) 1,1-Dichloropropene	8.216	75	170052	49.669	ug/l	95
37) Ethyl Acetate	7.404	43	194952	42.878	ug/l	97
38) Carbon Tetrachloride	8.204	117	198365	54.097	ug/l	96
39) Methylcyclohexane	9.457	83	191161	49.922	ug/l	95
40) Benzene	8.457	78	501631	47.236	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	109322	47.529	ug/l #	83
42) 1,2-Dichloroethane	8.527	62	214769	52.825	ug/l	95
43) Isopropyl Acetate	8.557	43	306017	42.981	ug/l	98
44) Trichloroethene	9.210	130	117023	47.371	ug/l	83
45) 1,2-Dichloropropane	9.486	63	131668	45.884	ug/l	99
46) Dibromomethane	9.569	93	91266	50.770	ug/l	89
47) Bromodichloromethane	9.757	83	199436	52.875	ug/l	97
48) Methyl methacrylate	9.557	41	148766	49.533	ug/l	92
49) 1,4-Dioxane	9.563	88	53217	1008.710	ug/l #	89
51) 4-Methyl-2-Pentanone	10.327	43	988783	230.487	ug/l	96
52) Toluene	10.498	92	322283	50.764	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	207890	54.829	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	216613	52.826	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	130006	48.839	ug/l	97
56) Ethyl methacrylate	10.757	69	212997	45.893	ug/l	89
57) 1,3-Dichloropropane	11.039	76	231151	49.485	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	267751	216.071	ug/l	95
59) 2-Hexanone	11.080	43	712703	235.798	ug/l	94
60) Dibromochloromethane	11.233	129	146255	53.731	ug/l	100
61) 1,2-Dibromoethane	11.339	107	130889	49.998	ug/l	100
64) Tetrachloroethene	10.974	164	100646	48.399	ug/l	93
65) Chlorobenzene	11.763	112	333954	47.843	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	135305	51.443	ug/l	96
67) Ethyl Benzene	11.839	91	652760	53.623	ug/l	95
68) m/p-Xylenes	11.945	106	475410	105.171	ug/l	88
69) o-Xylene	12.274	106	233037	53.178	ug/l	88
70) Styrene	12.286	104	382696	55.442	ug/l	94
71) Bromoform	12.451	173	105190	53.774	ug/l #	98
73) Isopropylbenzene	12.574	105	631492	48.834	ug/l	96
74) N-amyl acetate	12.380	43	211738	43.705	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	197004	45.549	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	179517m	52.302	ug/l	
77) Bromobenzene	12.857	156	140053	45.798	ug/l	86
78) n-propylbenzene	12.915	91	720160	50.552	ug/l	96
79) 2-Chlorotoluene	13.004	91	454732	48.597	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	545830	50.683	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.621	75	60280	47.604	ug/l	91
82) 4-Chlorotoluene	13.098	91	432179	49.616	ug/l	94
83) tert-Butylbenzene	13.315	119	471809	49.897	ug/l	92
84) 1,2,4-Trimethylbenzene	13.362	105	532596	51.114	ug/l	93
85) sec-Butylbenzene	13.498	105	642064	52.084	ug/l	97
86) p-Isopropyltoluene	13.609	119	526720	54.805	ug/l	95
87) 1,3-Dichlorobenzene	13.609	146	242099	48.915	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	233767	48.568	ug/l	96
89) n-Butylbenzene	13.939	91	395725	53.756	ug/l	98
90) Hexachloroethane	14.204	117	95231	45.646	ug/l	93
91) 1,2-Dichlorobenzene	13.980	146	237338	48.652	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	39646	44.329	ug/l	80
93) 1,2,4-Trichlorobenzene	15.256	180	106283	47.268	ug/l	96
94) Hexachlorobutadiene	15.362	225	67722	51.806	ug/l	98
95) Naphthalene	15.498	128	307080	41.310	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	103805	46.390	ug/l	98

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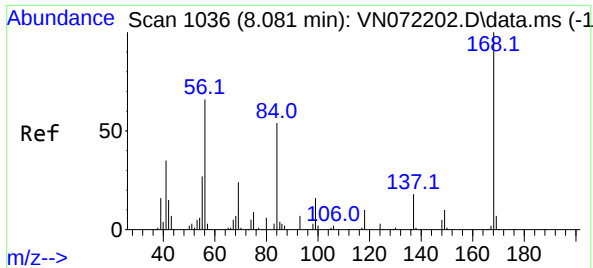
Manual Integrations
APPROVED

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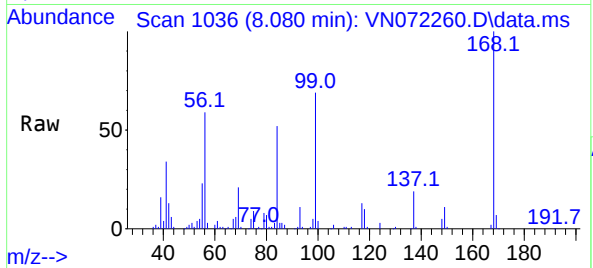
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
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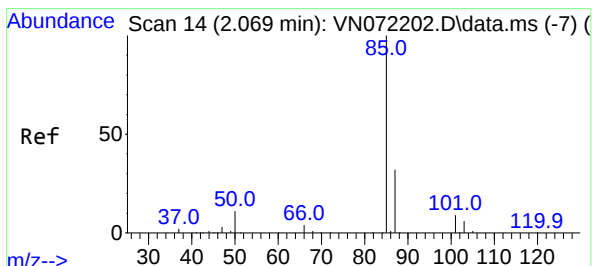
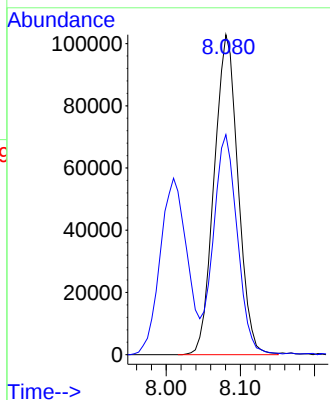
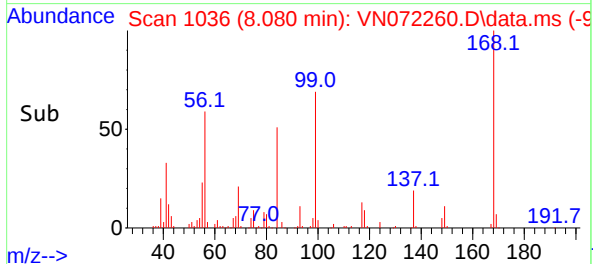
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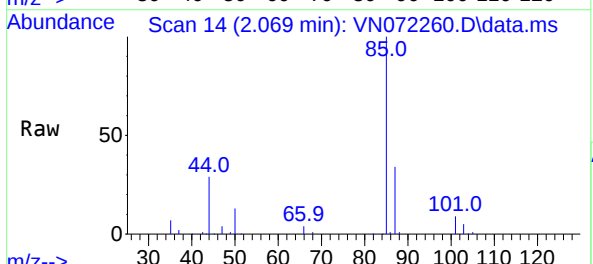
Tgt Ion:168 Resp: 230574
Ion Ratio Lower Upper
168 100
99 68.3 42.3 63.5

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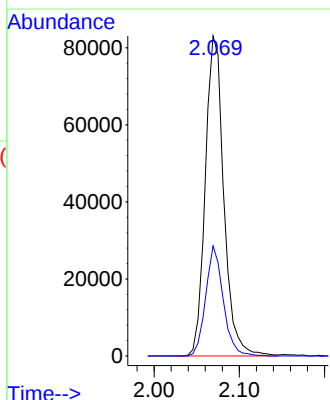
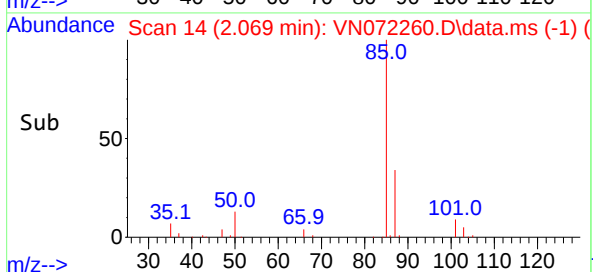
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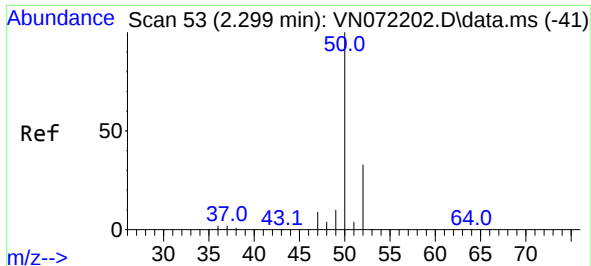


#2
Dichlorodifluoromethane
Concen: 48.546 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17



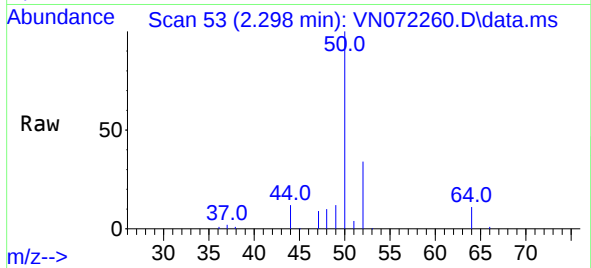
Tgt Ion: 85 Resp: 125473
Ion Ratio Lower Upper
85 100
87 34.4 15.7 47.1





#3
Chloromethane
Concen: 40.477 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

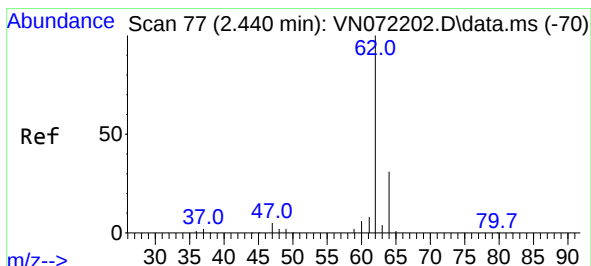
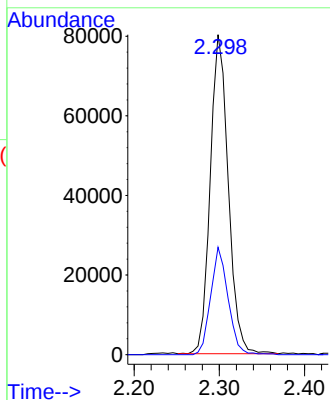
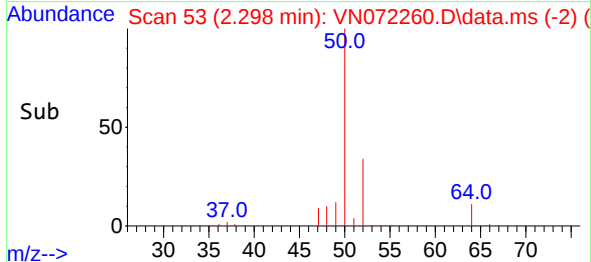
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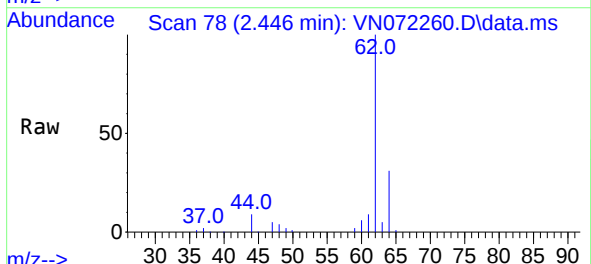
Tgt Ion: 50 Resp: 117829
Ion Ratio Lower Upper
50 100
52 33.7 25.7 38.5

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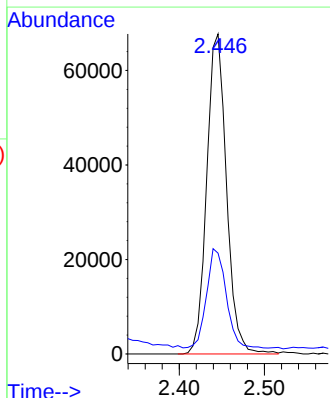
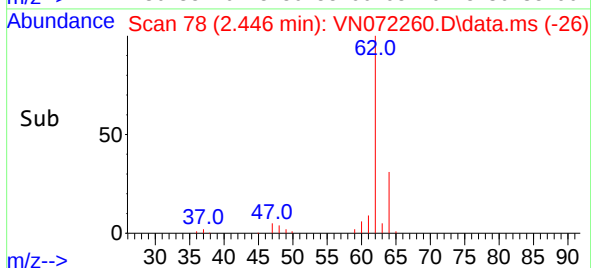
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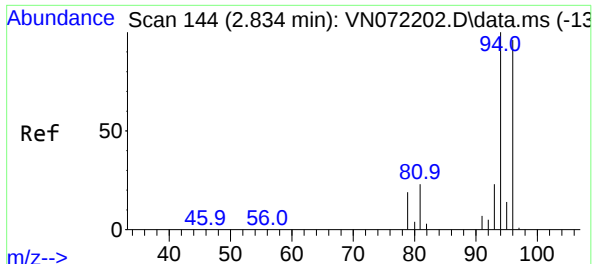


#4
Vinyl Chloride
Concen: 42.041 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.006 min
Lab File: VN072260.D
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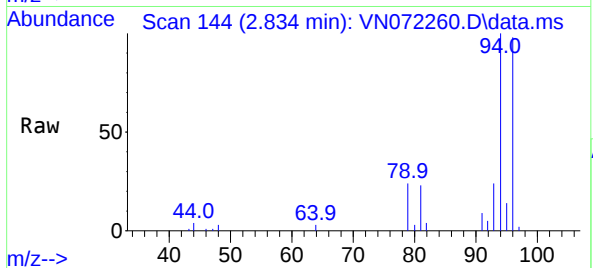
Tgt Ion: 62 Resp: 109123
Ion Ratio Lower Upper
62 100
64 29.4 25.0 37.4





#5
Bromomethane
Concen: 50.900 ug/l
RT: 2.834 min Scan# 144
Delta R.T. -0.000 min
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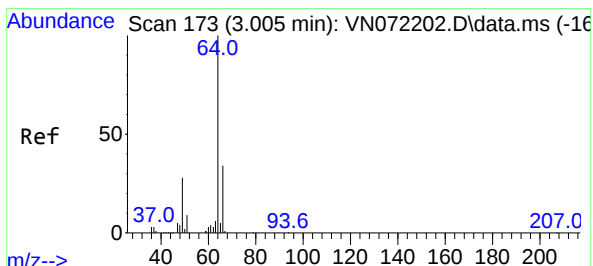
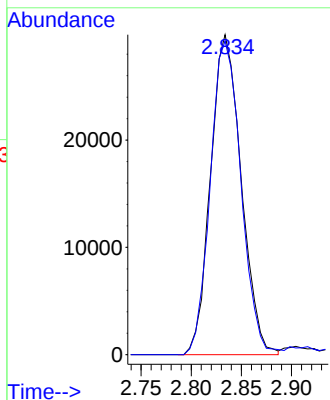
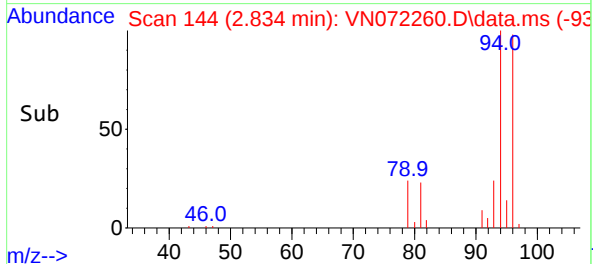
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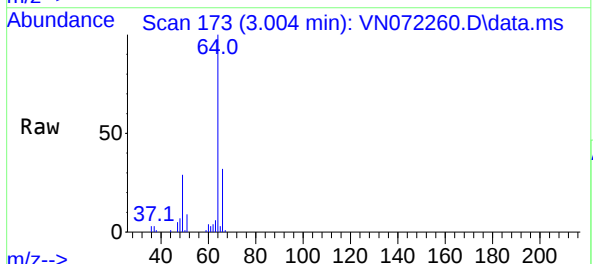
Tgt Ion: 94 Resp: 6319
Ion Ratio Lower Upper
94 100
96 98.0 76.0 114.0

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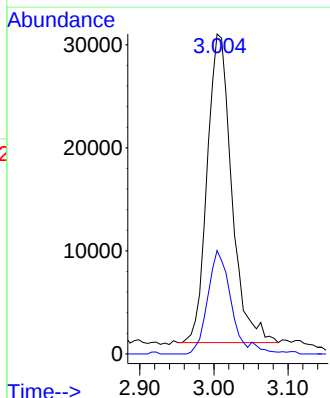
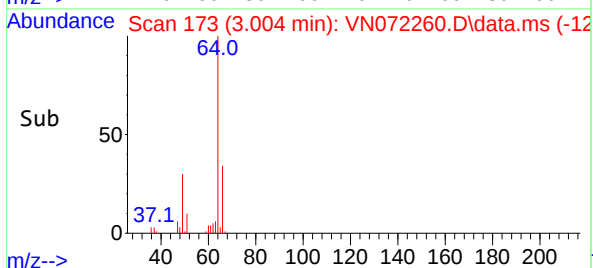
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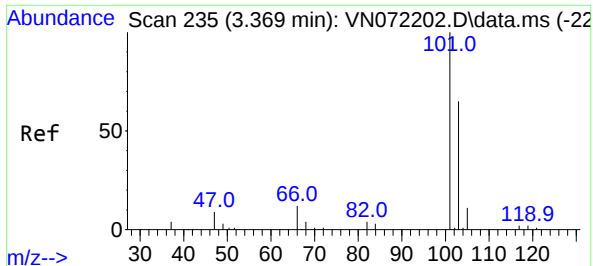


#6
Chloroethane
Concen: 46.756 ug/l
RT: 3.004 min Scan# 173
Delta R.T. -0.001 min
Lab File: VN072260.D
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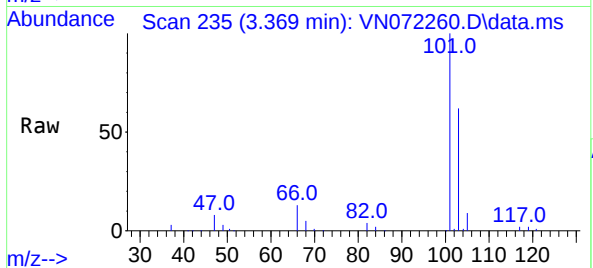
Tgt Ion: 64 Resp: 68756
Ion Ratio Lower Upper
64 100
66 33.5 26.2 39.4





#7
Trichlorofluoromethane
Concen: 47.665 ug/l
RT: 3.369 min Scan# 216140
Delta R.T. -0.000 min
Lab File: VN072260.D
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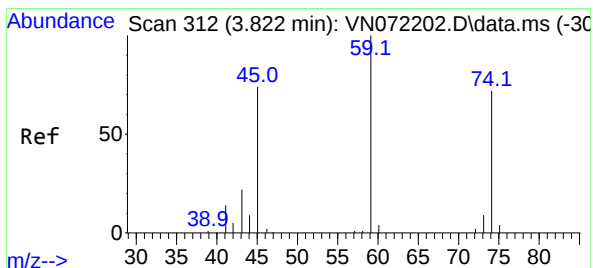
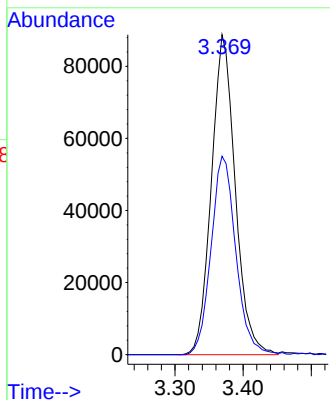
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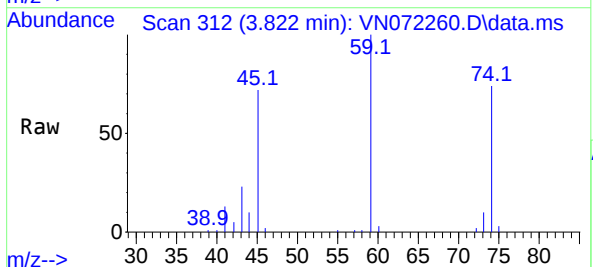
Tgt Ion:101 Resp: 216140
Ion Ratio Lower Upper
101 100
103 62.0 51.5 77.3

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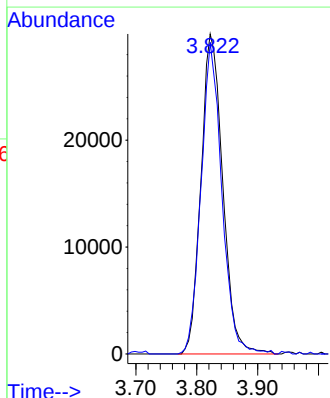
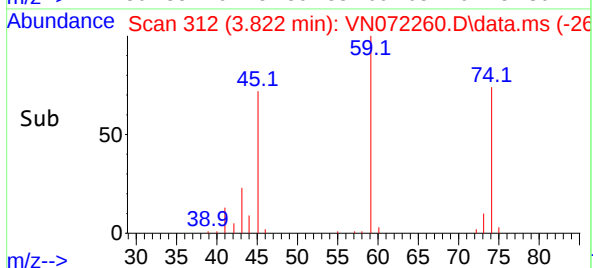
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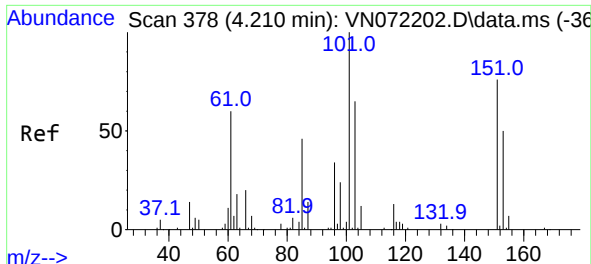


#8
Diethyl Ether
Concen: 45.286 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 74361
Ion Ratio Lower Upper
74 100
45 93.2 42.9 128.5





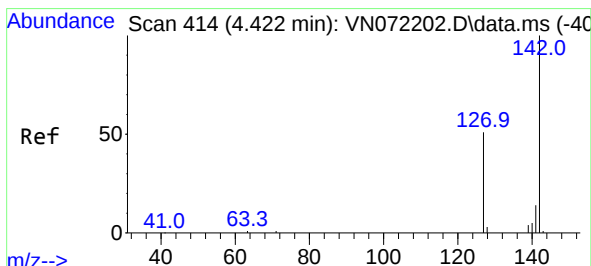
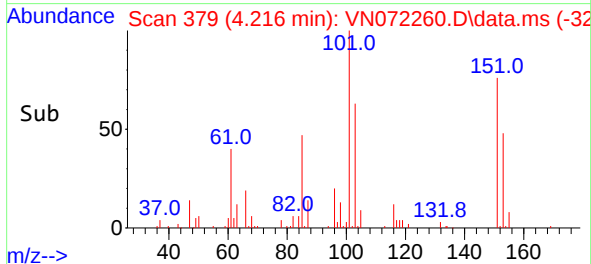
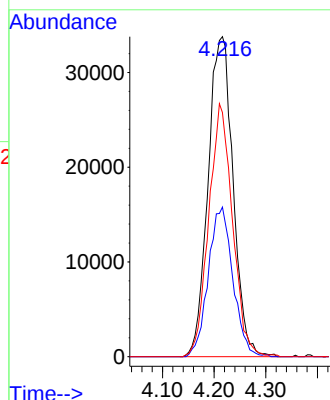
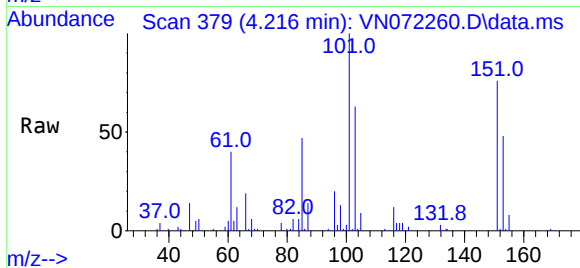
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.638 ug/l
RT: 4.216 min Scan# 311
Delta R.T. 0.006 min
Lab File: VN072260.D
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MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 11347
Ion Ratio Lower Upper
101 100
85 46.0 34.7 52.1
151 75.0 63.0 94.4

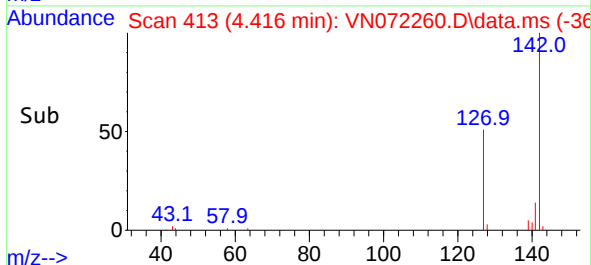
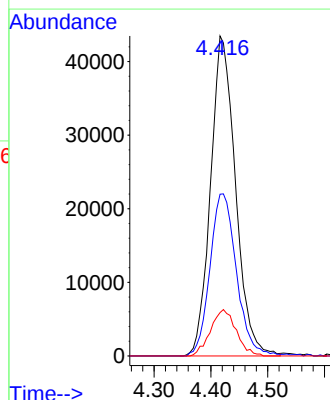
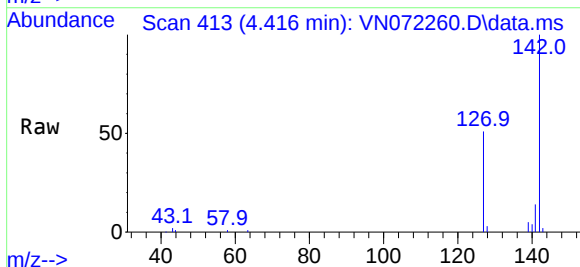
Manual Integrations
APPROVED

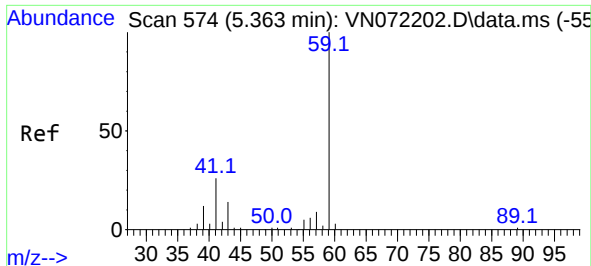
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022



#10
Methyl Iodide
Concen: 45.861 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

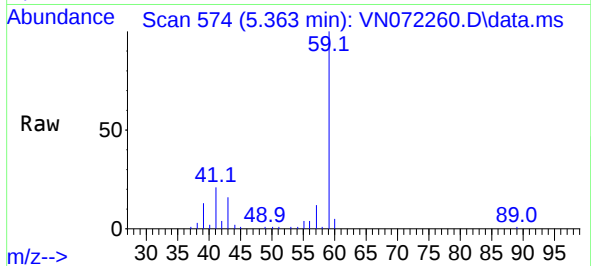
Tgt Ion:142 Resp: 132602
Ion Ratio Lower Upper
142 100
127 53.7 31.3 46.9#
141 14.9 11.2 16.8





#11
Tert butyl alcohol
Concen: 216.643 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

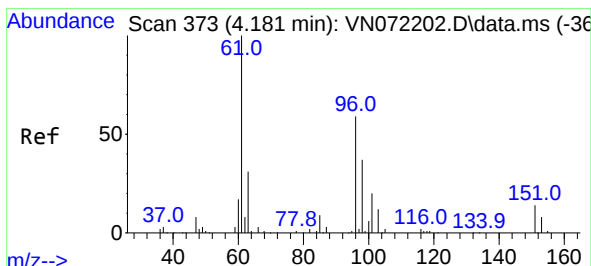
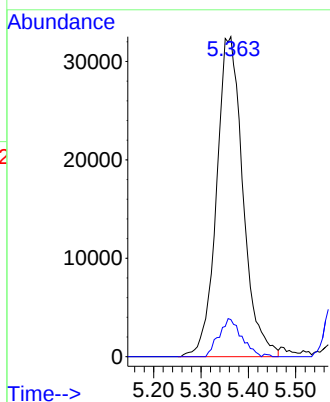
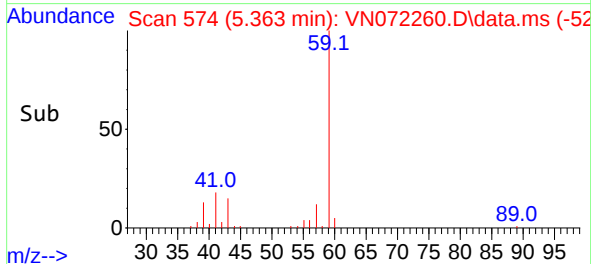
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



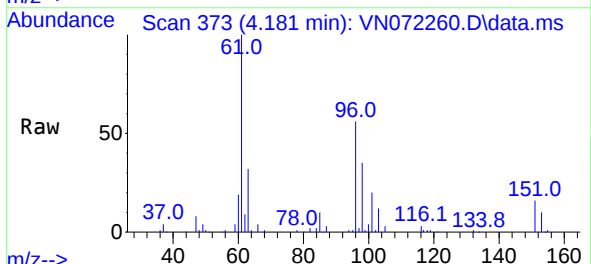
Tgt Ion: 59 Resp: 12602
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

Manual Integrations
APPROVED

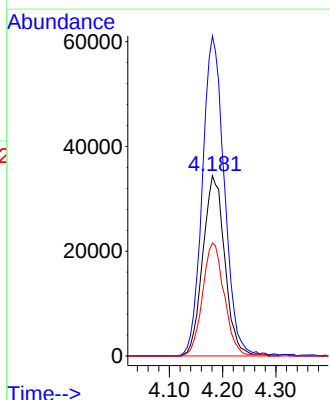
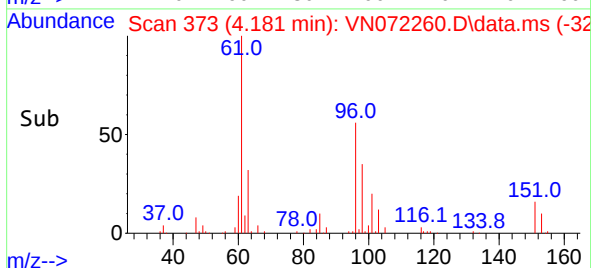
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022

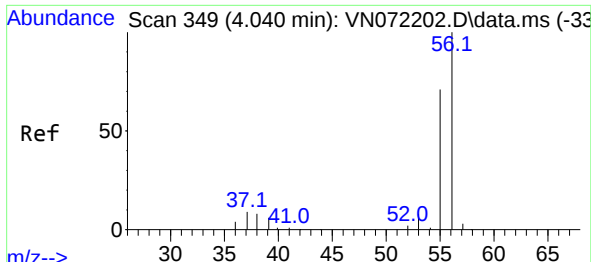


#12
1,1-Dichloroethene
Concen: 44.883 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17



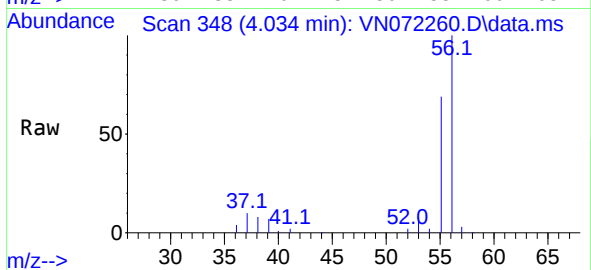
Tgt Ion: 96 Resp: 98840
Ion Ratio Lower Upper
96 100
61 177.7 127.6 191.4
98 62.7 51.2 76.8





#13
Acrolein
Concen: 200.019 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

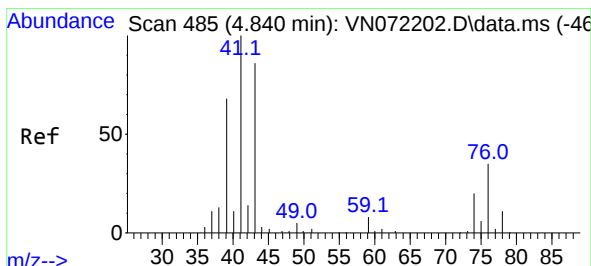
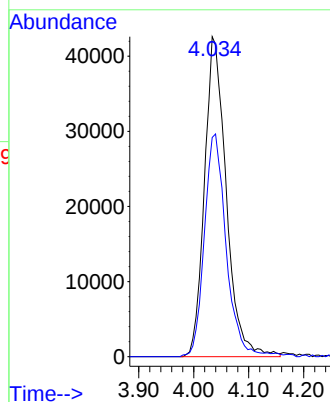
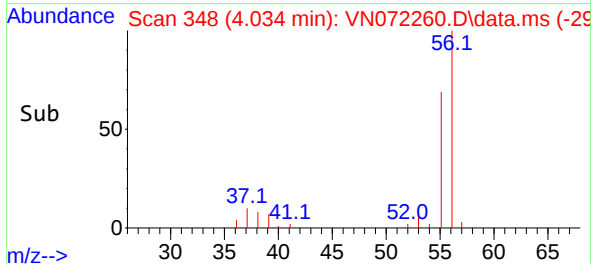
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



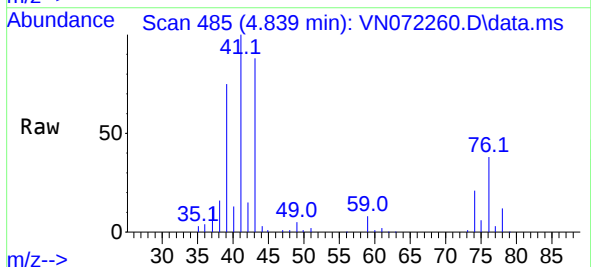
Tgt Ion: 56 Resp: 117094
Ion Ratio Lower Upper
56 100
55 69.8 54.8 82.2

Manual Integrations
APPROVED

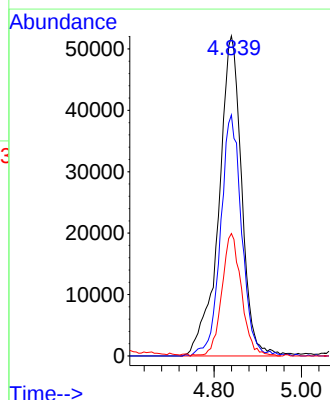
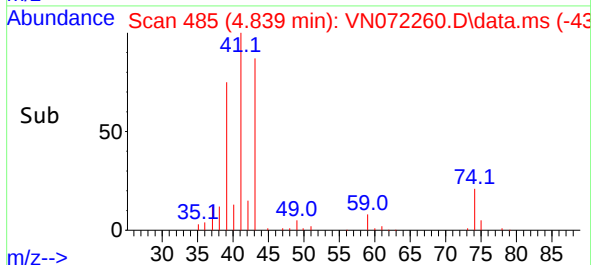
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022

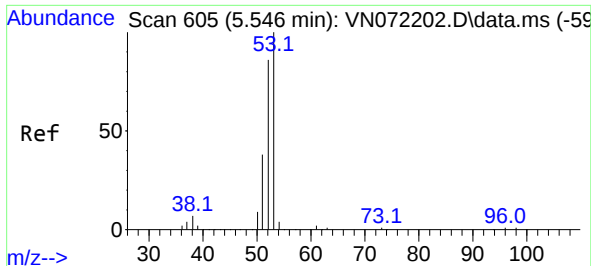


#14
Allyl chloride
Concen: 41.222 ug/l
RT: 4.839 min Scan# 485
Delta R.T. -0.001 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17



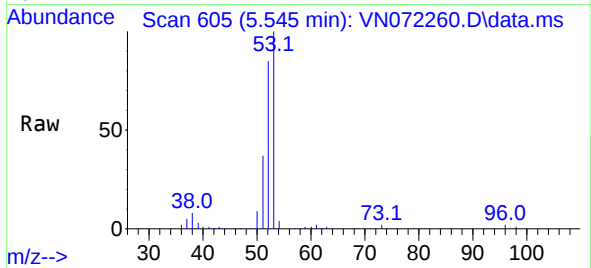
Tgt Ion: 41 Resp: 188480
Ion Ratio Lower Upper
41 100
39 69.7 53.2 79.8
76 32.8 29.9 44.9





#15
Acrylonitrile
Concen: 205.021 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.001 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

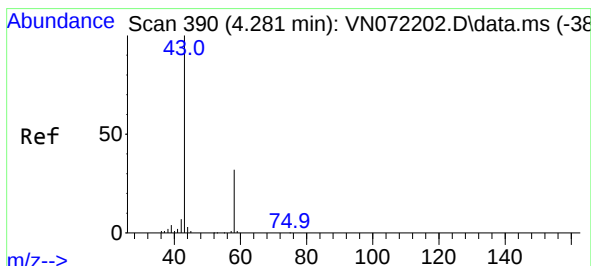
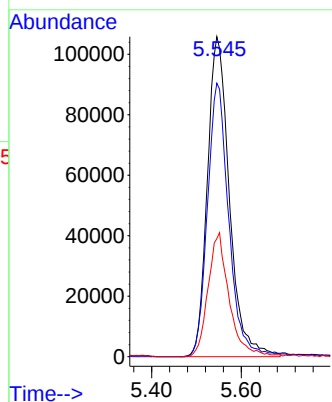
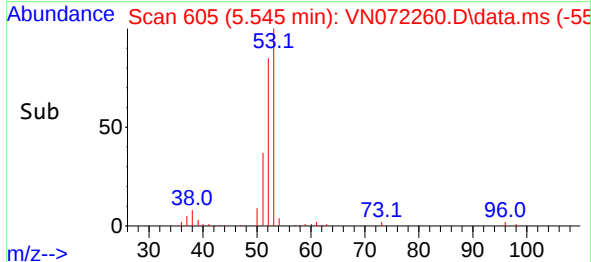
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 359899
Ion Ratio Lower Upper
53 100
52 83.2 66.4 99.6
51 37.1 28.5 42.7

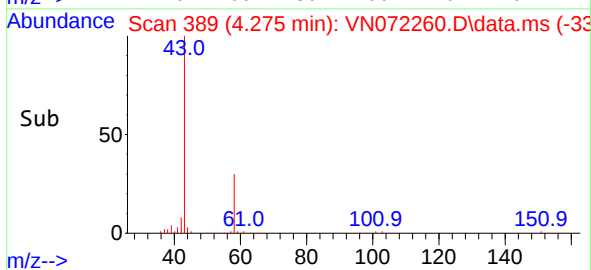
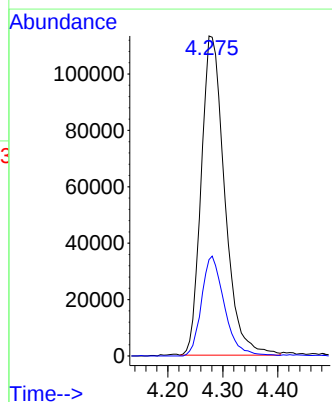
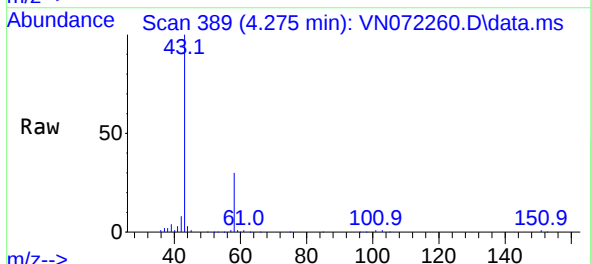
Manual Integrations
APPROVED

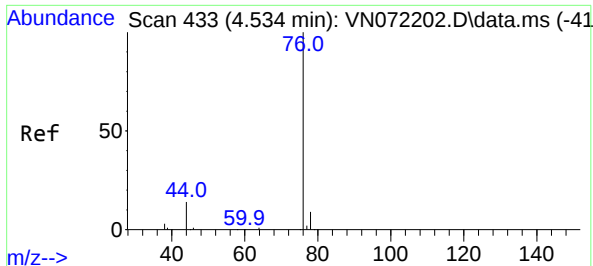
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022



#16
Acetone
Concen: 220.557 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

Tgt Ion: 43 Resp: 336606
Ion Ratio Lower Upper
43 100
58 30.2 26.0 39.0





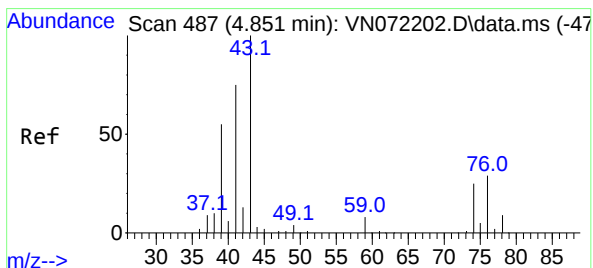
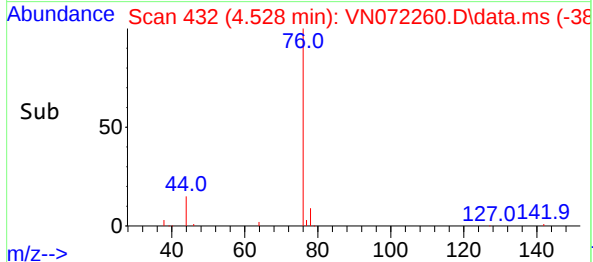
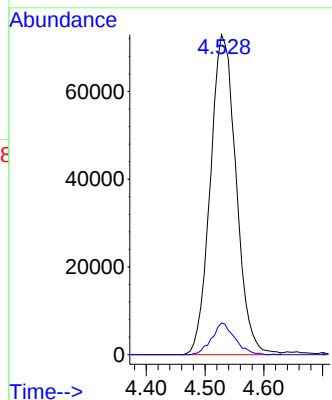
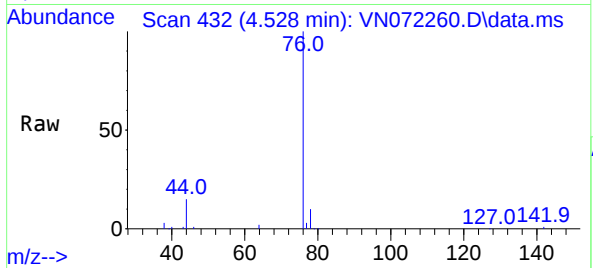
#17
Carbon Disulfide
Concen: 42.968 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 222360
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8

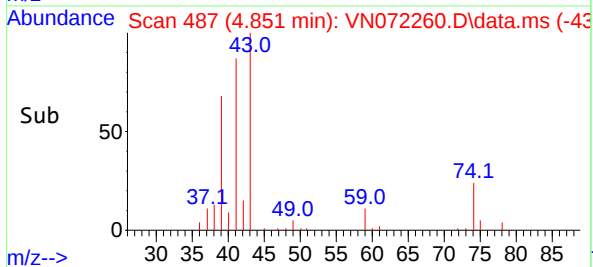
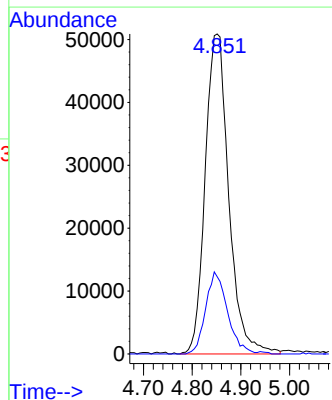
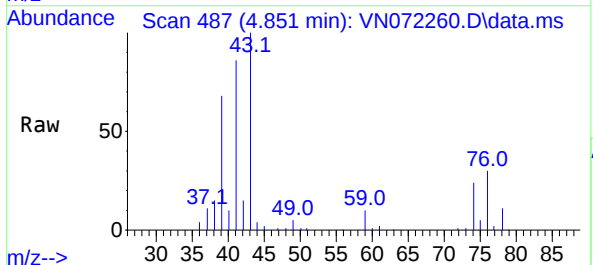
Manual Integrations
APPROVED

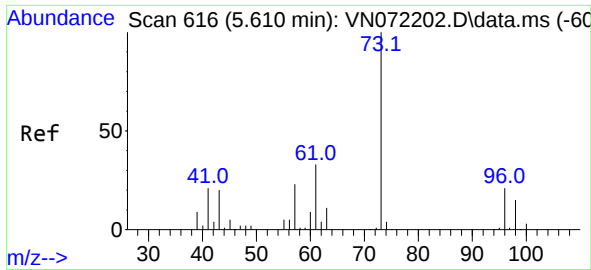
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022



#18
Methyl Acetate
Concen: 40.086 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

Tgt Ion: 43 Resp: 171061
Ion Ratio Lower Upper
43 100
74 23.7 21.6 32.4





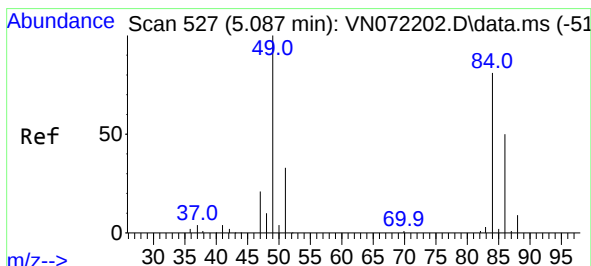
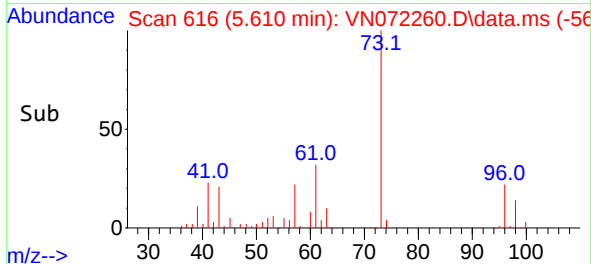
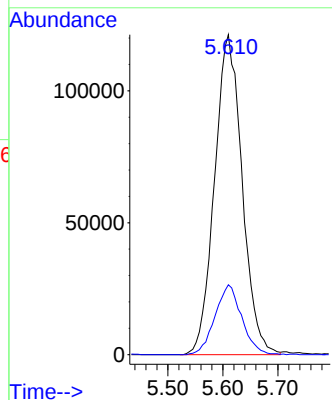
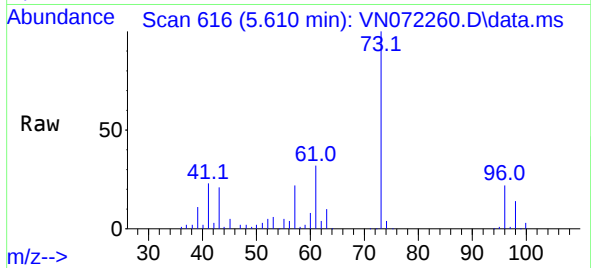
#19
Methyl tert-butyl Ether
Concen: 48.974 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 422752
Ion Ratio Lower Upper
73 100
57 21.8 17.6 26.4

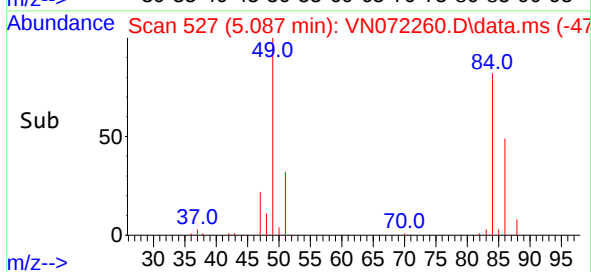
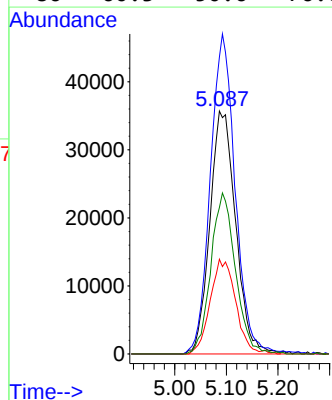
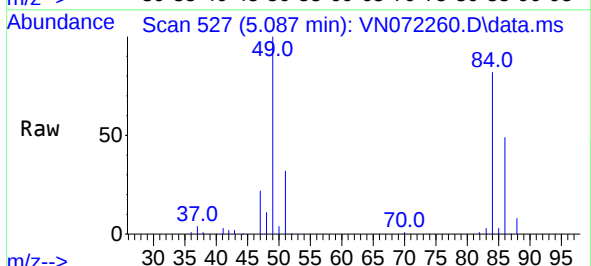
Manual Integrations
APPROVED

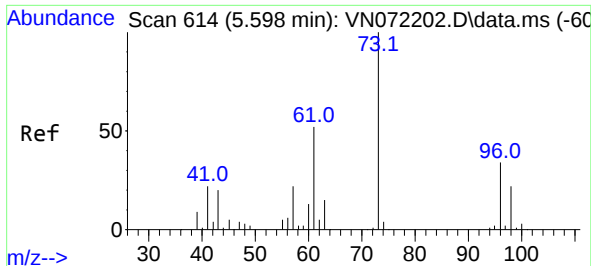
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022



#20
Methylene Chloride
Concen: 42.407 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

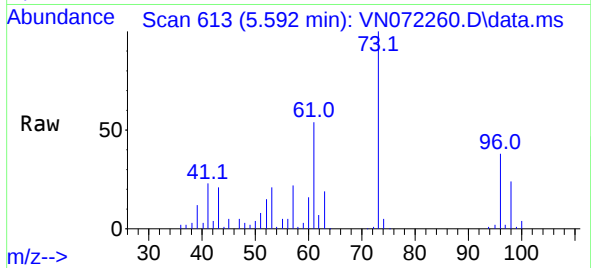
Tgt Ion: 84 Resp: 124056
Ion Ratio Lower Upper
84 100
49 122.2 88.3 132.5
51 39.0 28.2 42.2
86 60.3 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 43.455 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

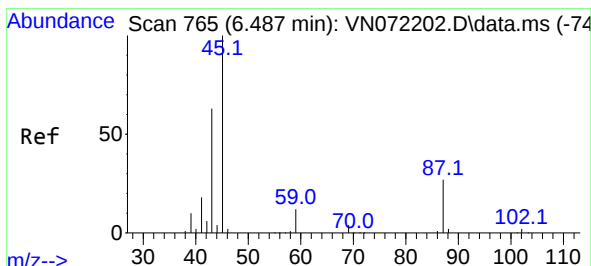
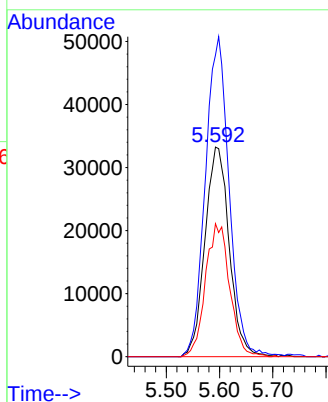
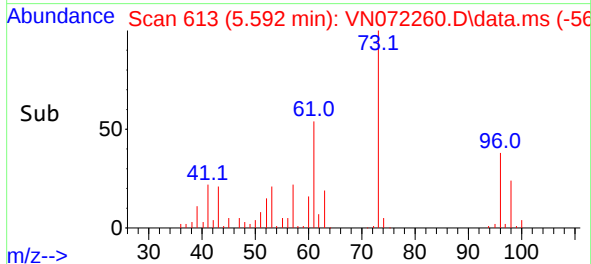
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



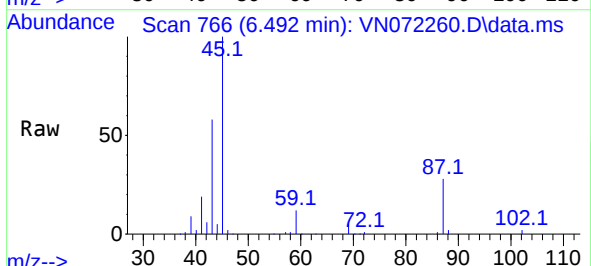
Tgt Ion: 96 Resp: 105524
Ion Ratio Lower Upper
96 100
61 143.8 105.8 158.8
98 63.4 50.3 75.5

Manual Integrations
APPROVED

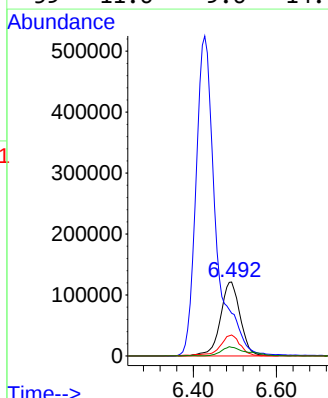
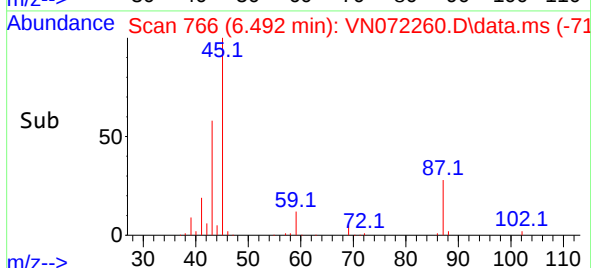
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022

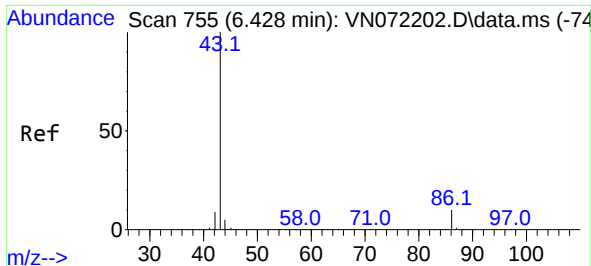


#22
Diisopropyl ether
Concen: 42.584 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17



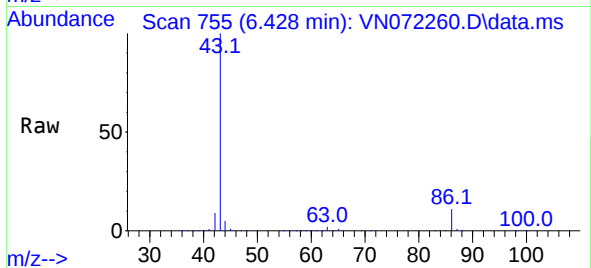
Tgt Ion: 45 Resp: 401063
Ion Ratio Lower Upper
45 100
43 56.9 46.6 70.0
87 28.1 24.3 36.5
59 11.6 9.6 14.4





#23
 Vinyl Acetate
 Concen: 220.117 ug/l
 RT: 6.428 min Scan# 747
 Delta R.T. -0.000 min
 Lab File: VN072260.D
 Acq: 29 Apr 2022 10:17

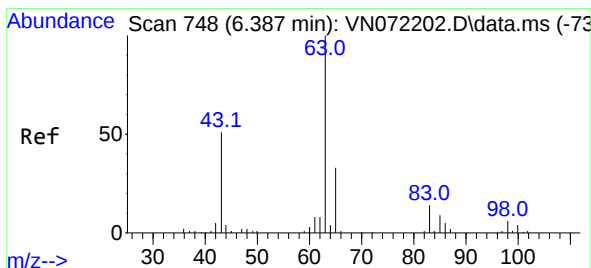
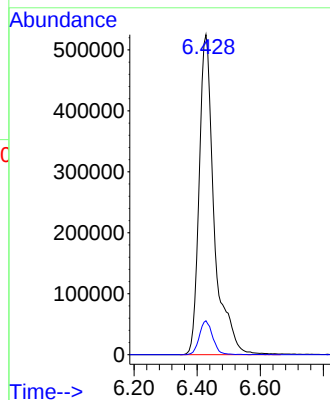
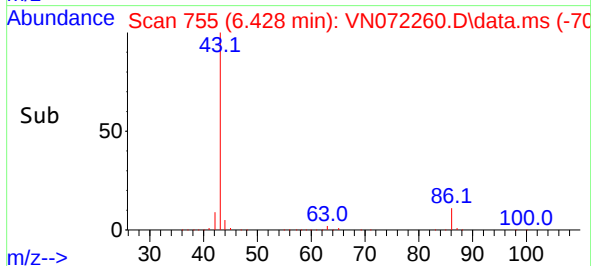
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



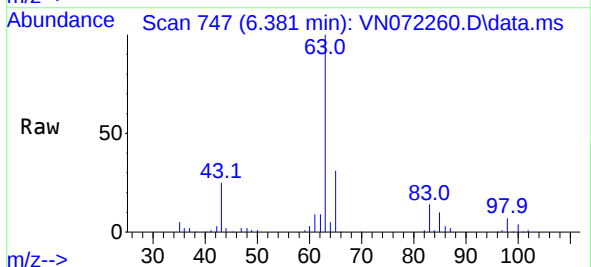
Tgt Ion: 43 Resp: 1741085
 Ion Ratio Lower Upper
 43 100
 86 10.6 10.0 15.0

Manual Integrations
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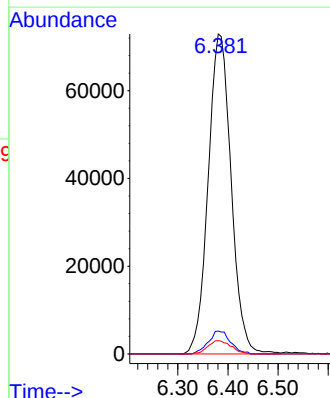
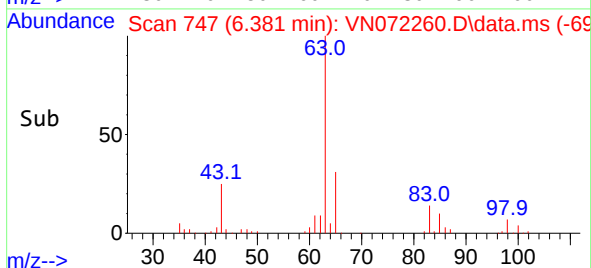
Reviewed By :John Carlone 05/02/2022
 Supervised By :Mahesh Dadoda 05/02/2022

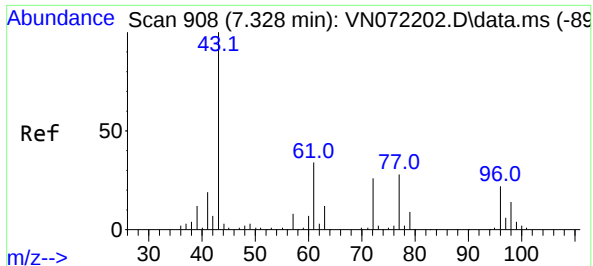


#24
 1,1-Dichloroethane
 Concen: 44.073 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN072260.D
 Acq: 29 Apr 2022 10:17



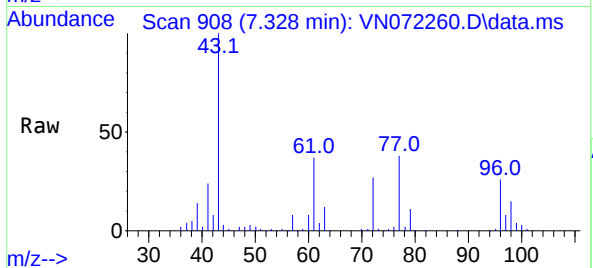
Tgt Ion: 63 Resp: 232183
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.2 2.3 6.8





#25
2-Butanone
Concen: 203.342 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

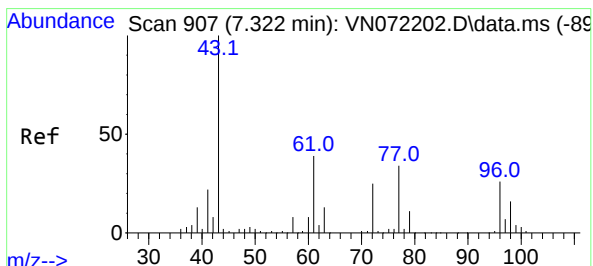
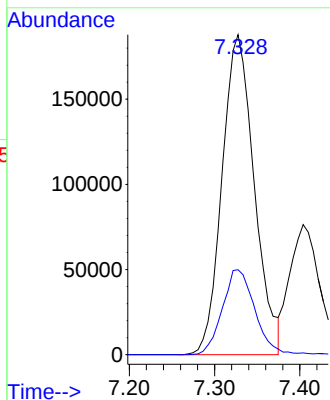
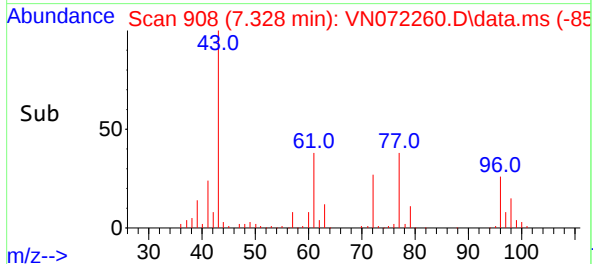
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



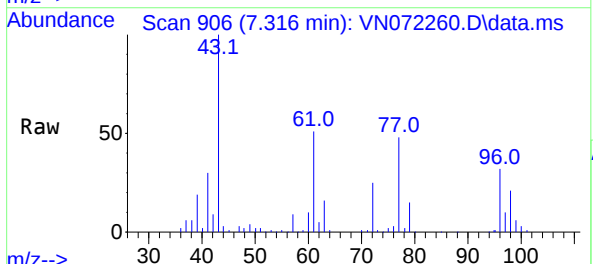
Tgt Ion: 43 Resp: 494227
Ion Ratio Lower Upper
43 100
72 26.6 23.7 35.5

Manual Integrations
APPROVED

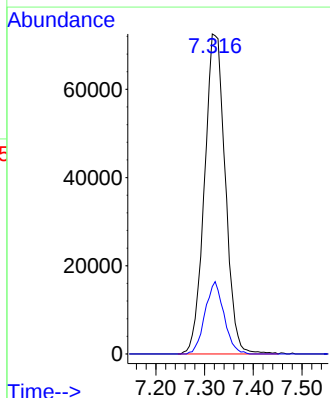
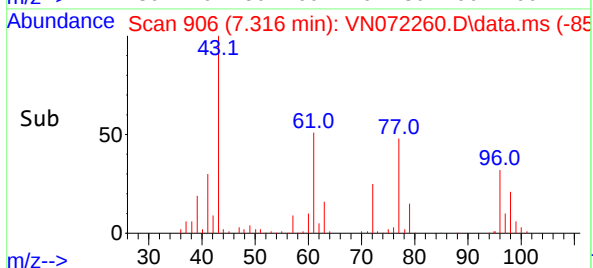
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022

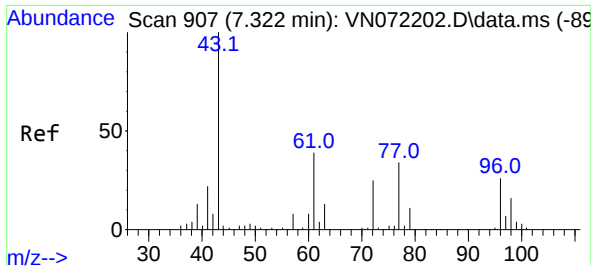


#26
2,2-Dichloropropane
Concen: 52.182 ug/l
RT: 7.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17



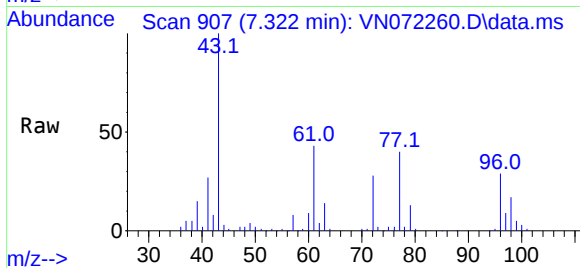
Tgt Ion: 77 Resp: 214737
Ion Ratio Lower Upper
77 100
97 20.6 11.4 34.2





#27
cis-1,2-Dichloroethene
Concen: 45.797 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

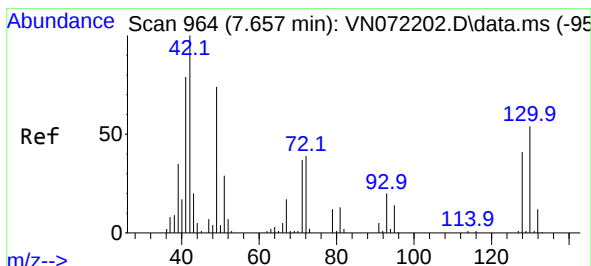
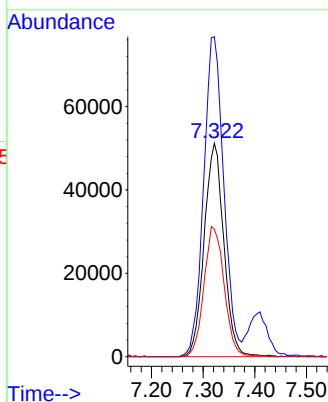
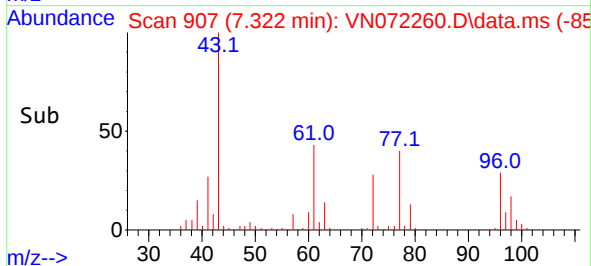
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



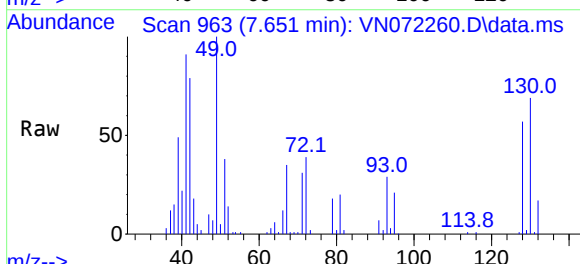
Tgt Ion: 96 Resp: 135578
Ion Ratio Lower Upper
96 100
61 153.3 0.0 280.6
98 62.3 0.0 128.4

Manual Integrations
APPROVED

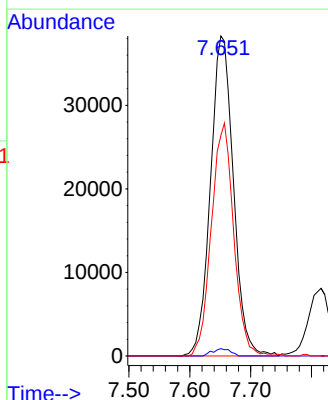
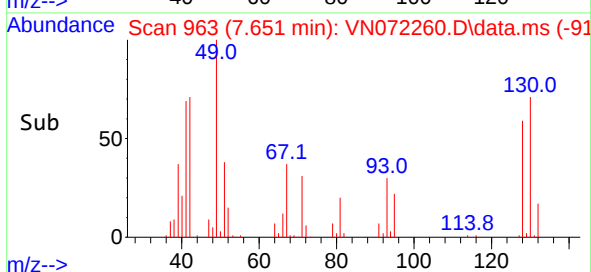
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022

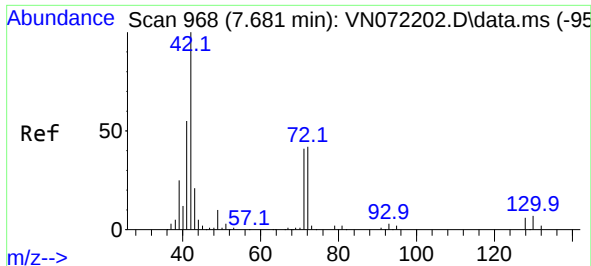


#28
Bromochloromethane
Concen: 42.475 ug/l
RT: 7.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17



Tgt Ion: 49 Resp: 100196
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.6
130 70.9 69.7 104.5





#29

Tetrahydrofuran

Concen: 197.472 ug/l

RT: 7.675 min Scan# 90

Delta R.T. -0.006 min

Lab File: VN072260.D

Acq: 29 Apr 2022 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 31498

Ion Ratio Lower Upper

42 100

72 44.8 39.7 59.5

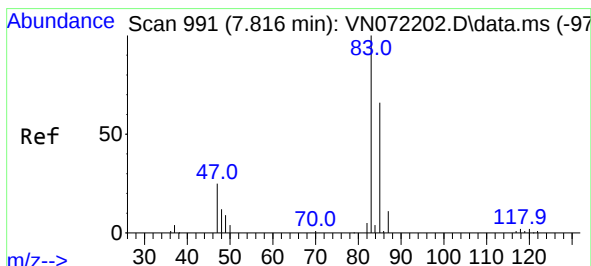
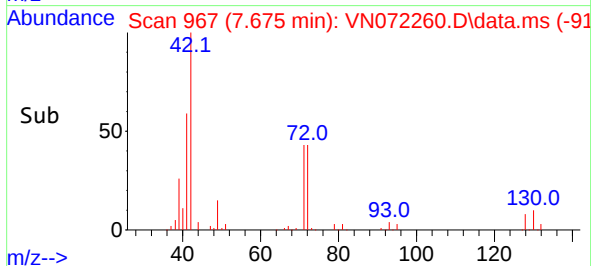
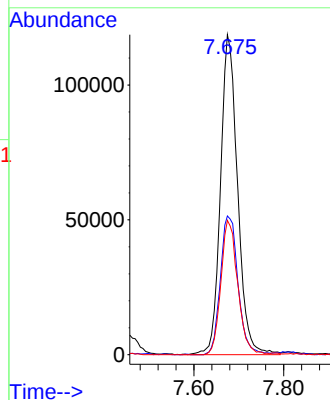
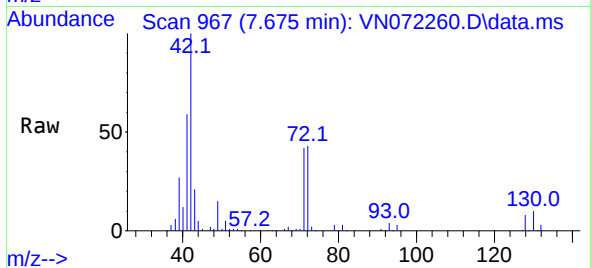
71 41.2 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2022

Supervised By :Mahesh Dadoda 05/02/2022



#30

Chloroform

Concen: 47.107 ug/l

RT: 7.810 min Scan# 990

Delta R.T. -0.006 min

Lab File: VN072260.D

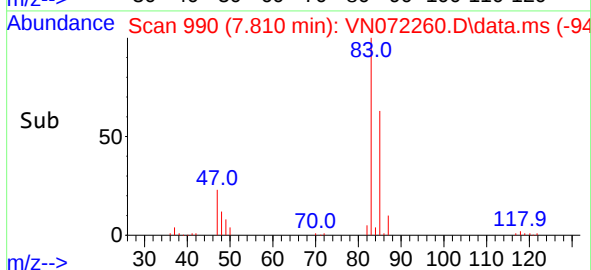
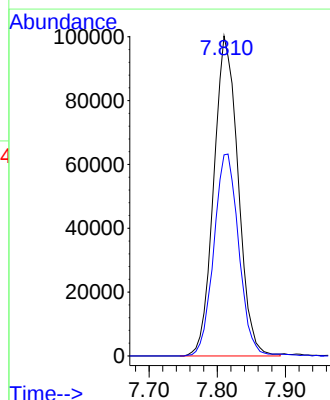
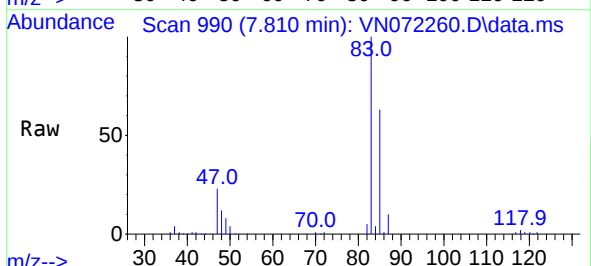
Acq: 29 Apr 2022 10:17

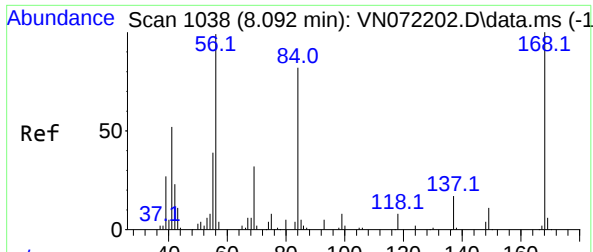
Tgt Ion: 83 Resp: 249168

Ion Ratio Lower Upper

83 100

85 62.8 51.8 77.8





#31

Cyclohexane

Concen: 40.450 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN072260.D

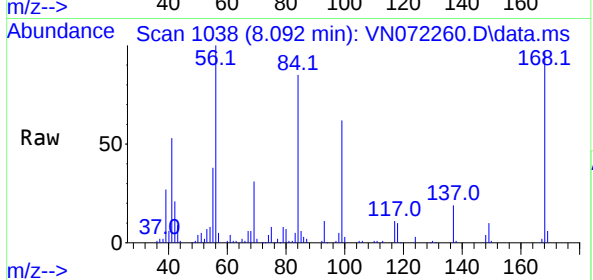
Acq: 29 Apr 2022 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 56 Resp: 191320

Ion Ratio Lower Upper

56 100

69 31.1 27.8 41.8

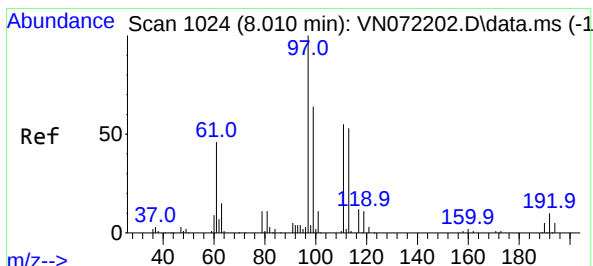
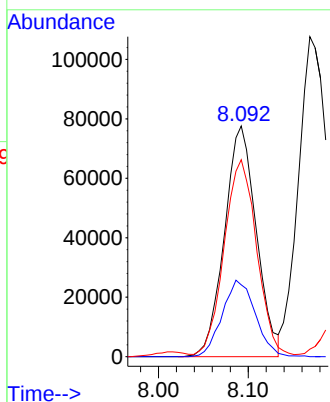
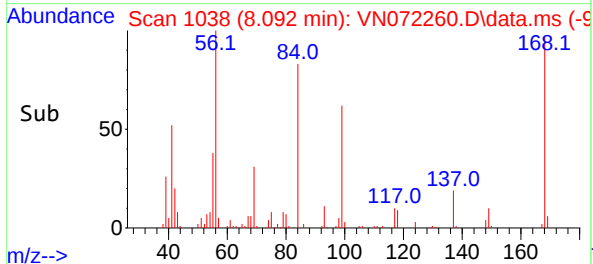
84 83.5 76.9 115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2022

Supervised By :Mahesh Dadoda 05/02/2022



#32

1,1,1-Trichloroethane

Concen: 50.840 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN072260.D

Acq: 29 Apr 2022 10:17

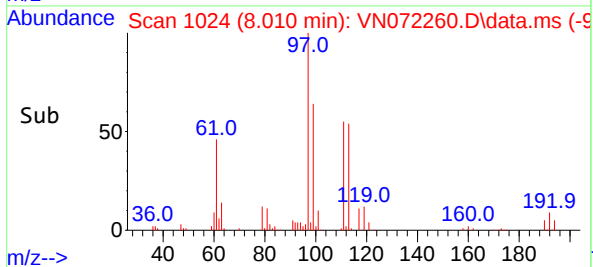
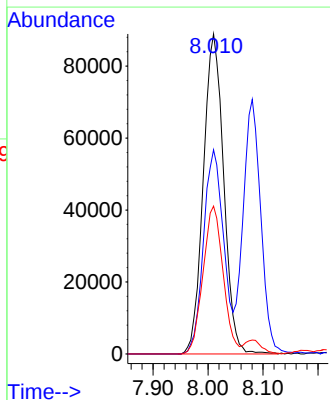
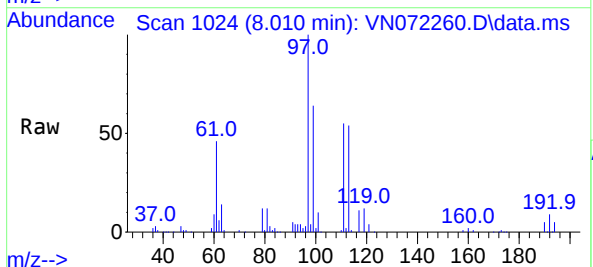
Tgt Ion: 97 Resp: 228846

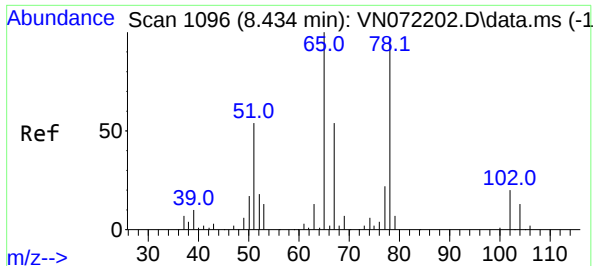
Ion Ratio Lower Upper

97 100

99 62.9 50.6 76.0

61 45.6 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 52.400 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072260.D

Acq: 29 Apr 2022 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 185488

Ion Ratio Lower Upper

65 100

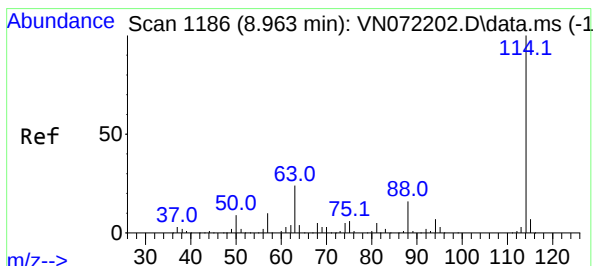
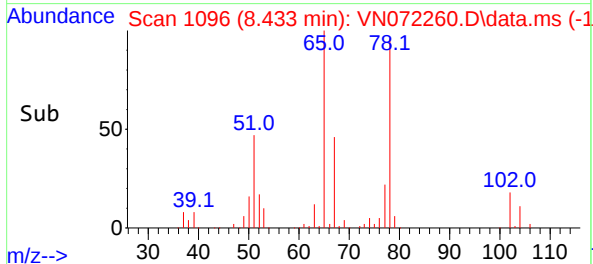
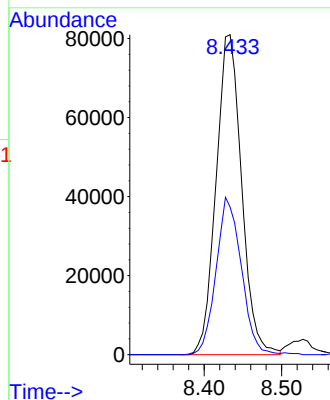
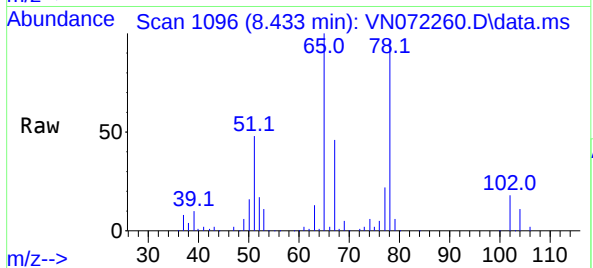
67 48.5 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2022

Supervised By :Mahesh Dadoda 05/02/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072260.D

Acq: 29 Apr 2022 10:17

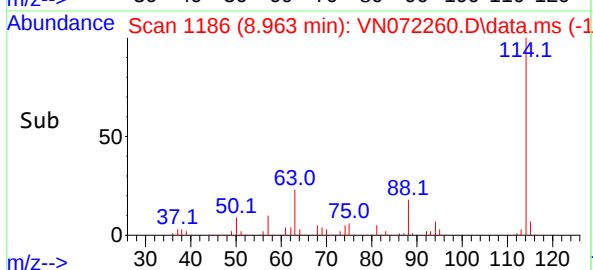
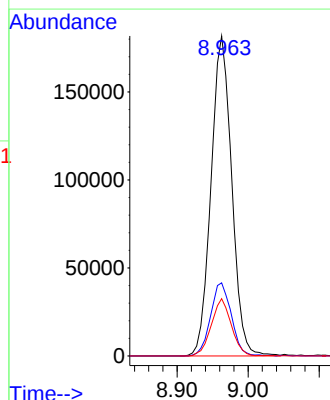
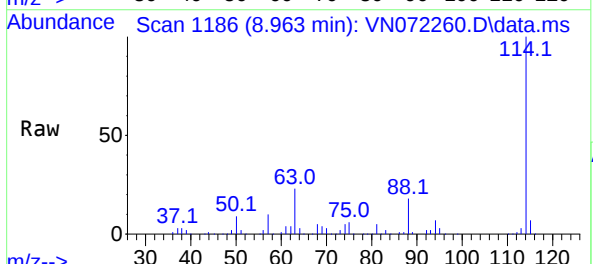
Tgt Ion:114 Resp: 367488

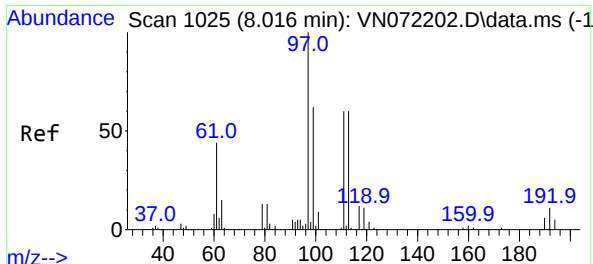
Ion Ratio Lower Upper

114 100

63 22.8 0.0 40.0

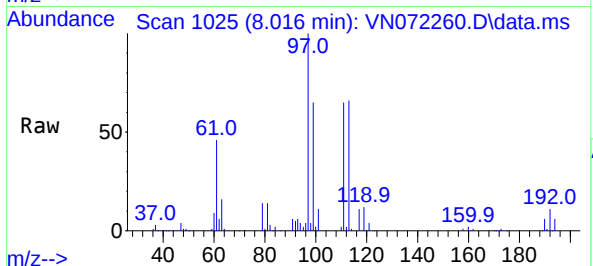
88 17.9 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.509 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

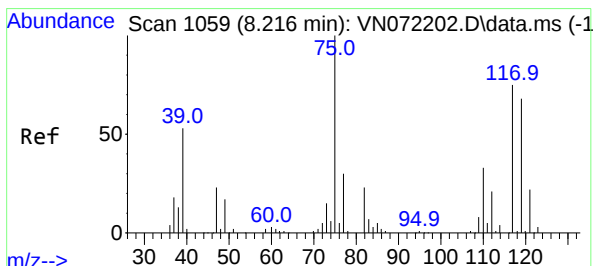
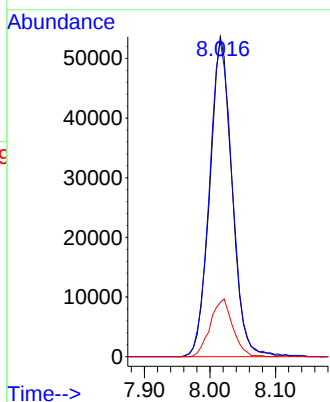
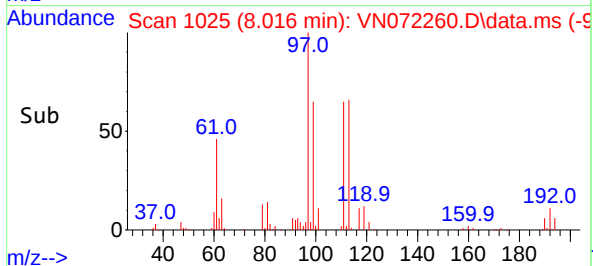
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



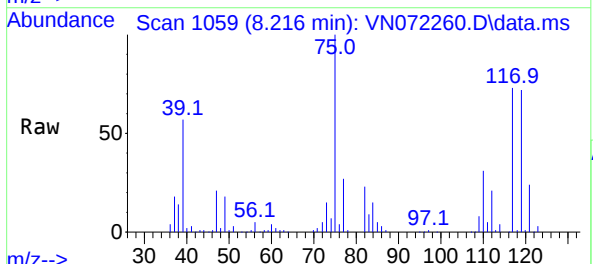
Tgt Ion:113 Resp: 125859
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 18.3 17.0 25.6

Manual Integrations
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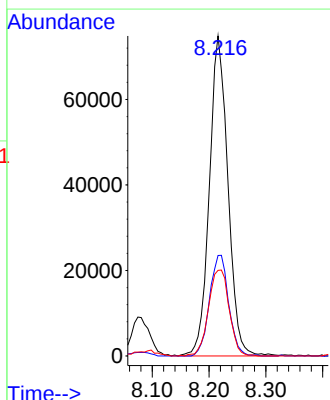
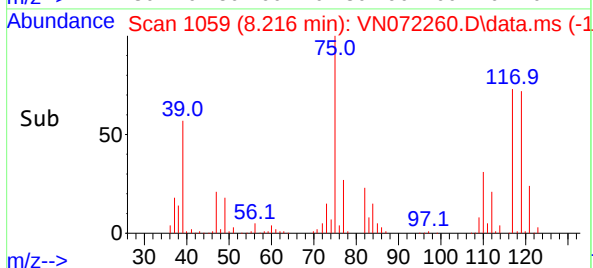
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022

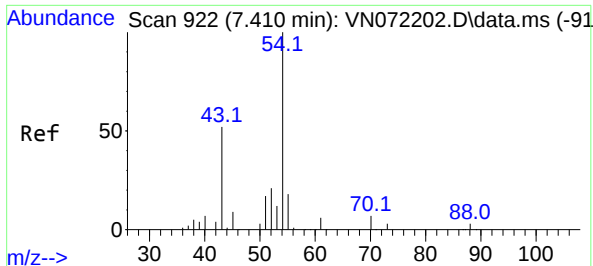


#36
1,1-Dichloropropene
Concen: 49.669 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17



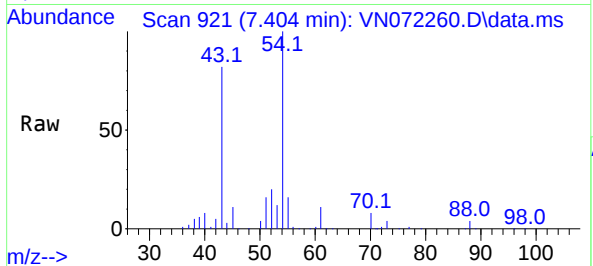
Tgt Ion: 75 Resp: 170052
Ion Ratio Lower Upper
75 100
110 32.3 18.3 54.8
77 29.9 25.1 37.7





#37
Ethyl Acetate
Concen: 42.878 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

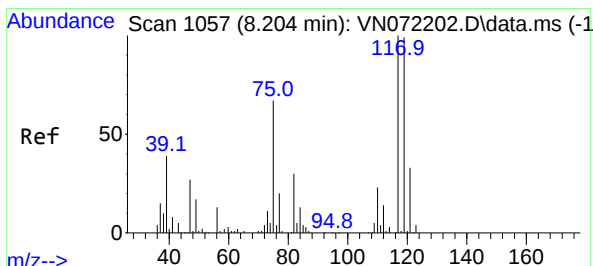
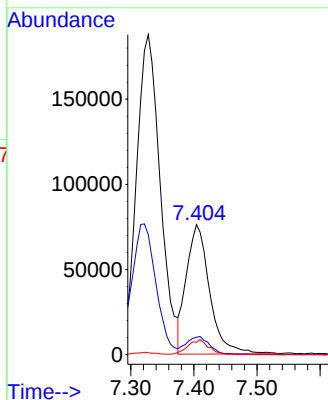
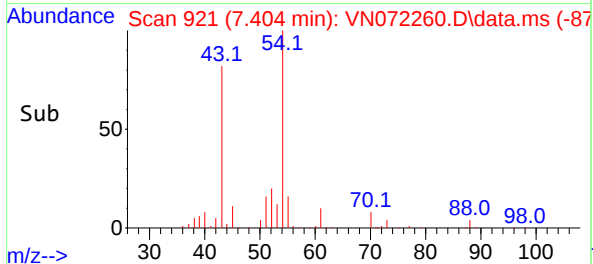
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



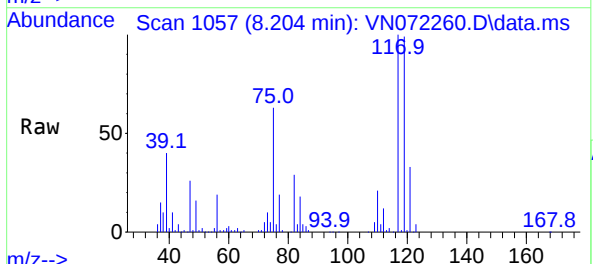
Tgt Ion: 43 Resp: 194952
Ion Ratio Lower Upper
43 100
61 13.4 11.8 17.6
70 10.4 9.3 13.9

Manual Integrations
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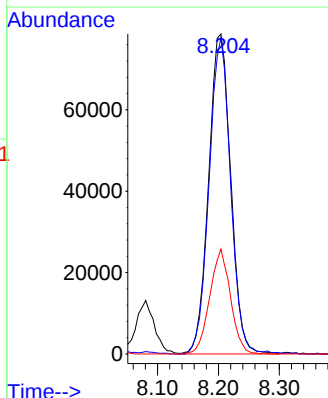
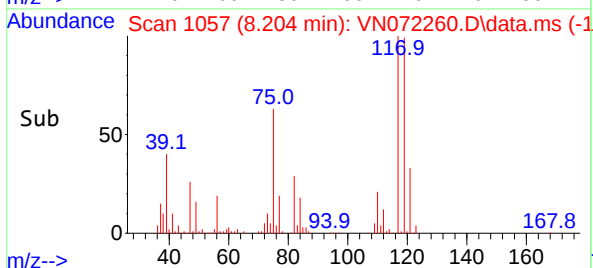
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022

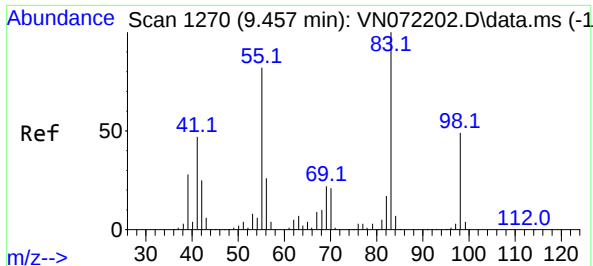


#38
Carbon Tetrachloride
Concen: 54.097 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17



Tgt Ion:117 Resp: 198365
Ion Ratio Lower Upper
117 100
119 98.7 75.8 113.8
121 32.8 24.6 37.0





#39

Methylcyclohexane

Concen: 49.922 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072260.D

Acq: 29 Apr 2022 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 19116

Ion Ratio Lower Upper

83 100

55 78.1 57.8 86.8

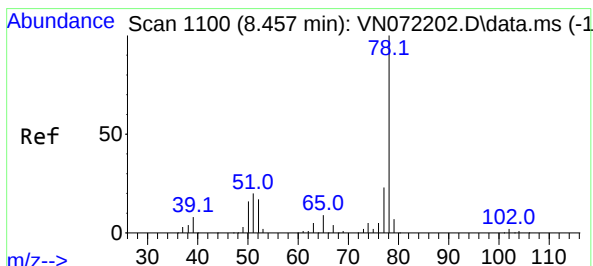
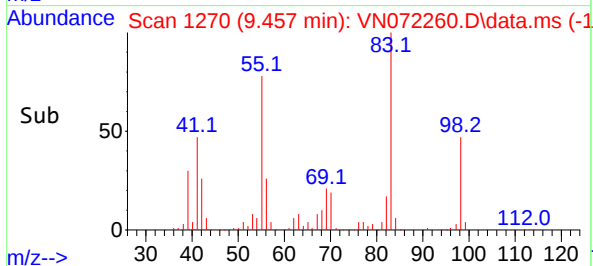
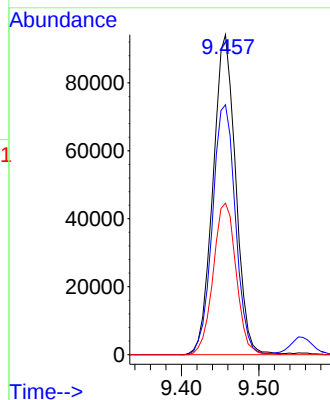
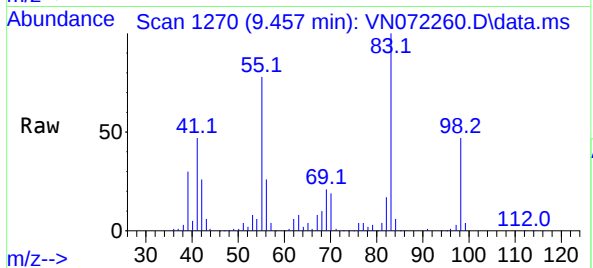
98 47.3 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2022

Supervised By :Mahesh Dadoda 05/02/2022



#40

Benzene

Concen: 47.236 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072260.D

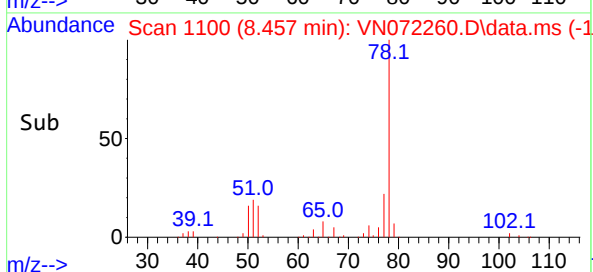
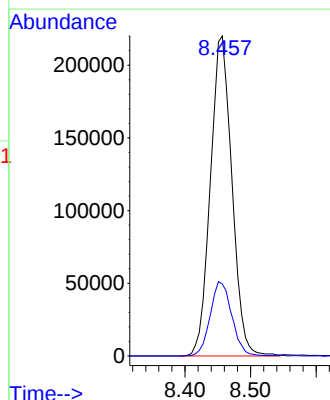
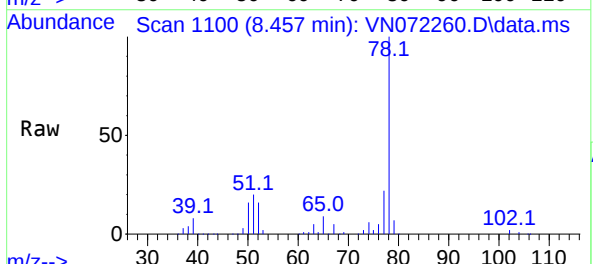
Acq: 29 Apr 2022 10:17

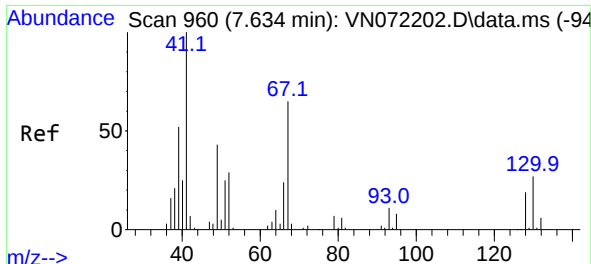
Tgt Ion: 78 Resp: 501631

Ion Ratio Lower Upper

78 100

77 22.5 19.4 29.0





#41
Methacrylonitrile
Concen: 47.529 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

Instrument :

MSVOA_N

ClientSampleId :

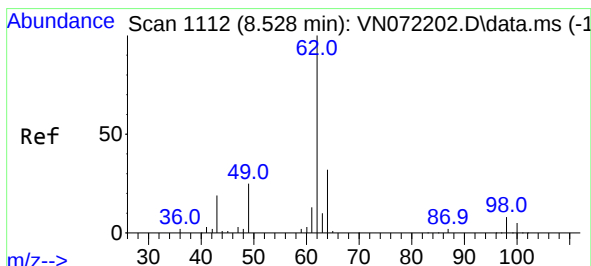
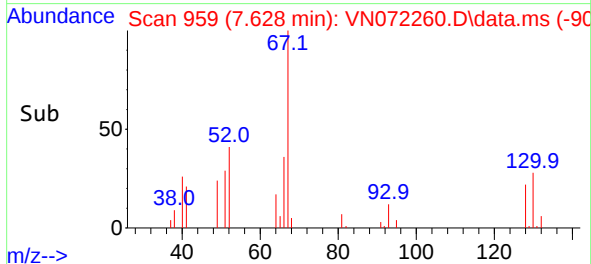
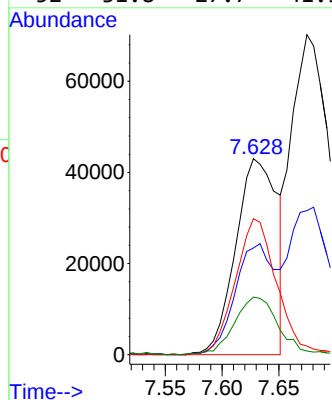
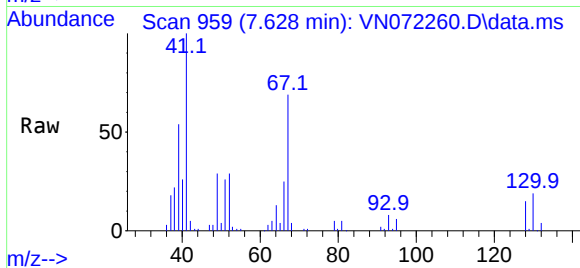
VSTDCCC050

Tgt Ion: 41 Resp: 10932
Ion Ratio Lower Upper
41 100
39 49.9 48.6 73.0
67 69.9 73.4 110.2
52 31.8 27.7 41.5

Manual Integrations

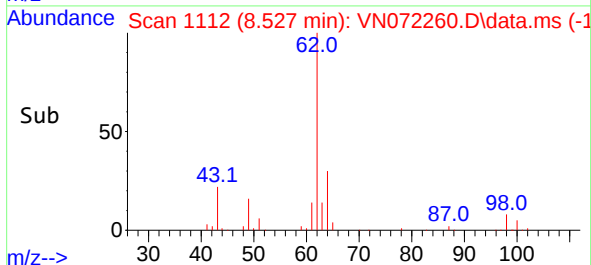
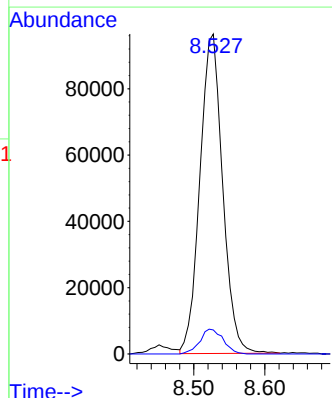
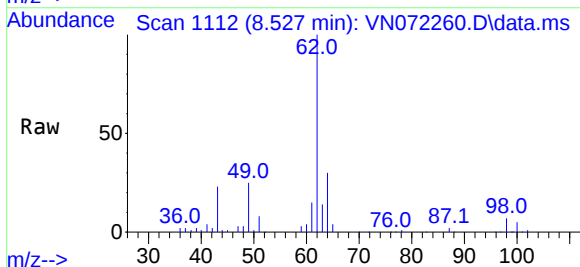
APPROVED

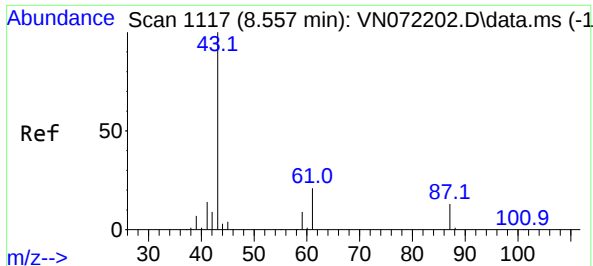
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022



#42
1,2-Dichloroethane
Concen: 52.825 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. -0.001 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

Tgt Ion: 62 Resp: 214769
Ion Ratio Lower Upper
62 100
98 8.0 0.0 19.4





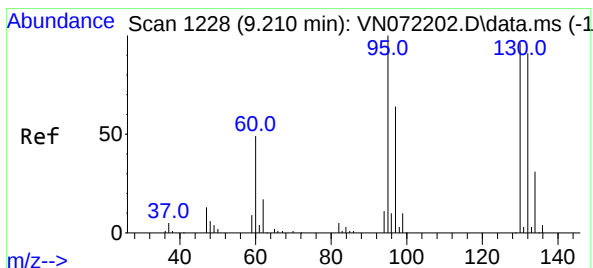
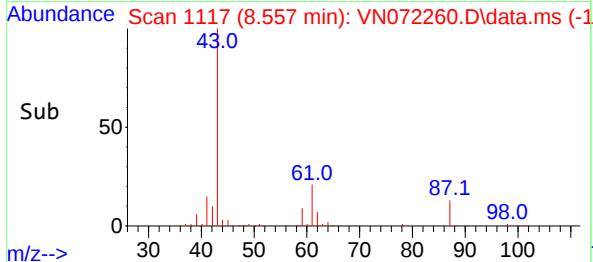
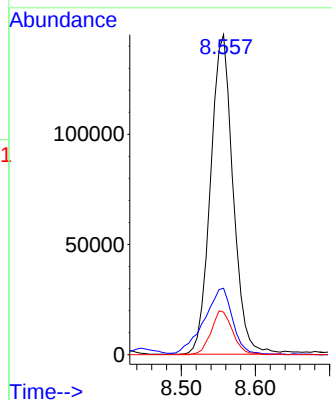
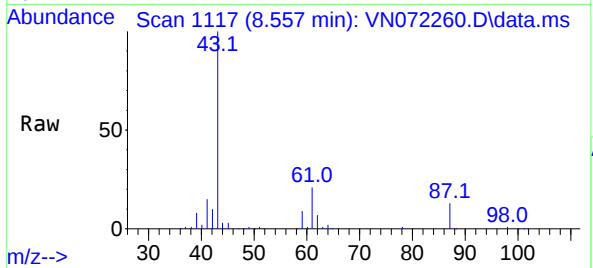
#43
Isopropyl Acetate
Concen: 42.981 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 306017
Ion Ratio Lower Upper
43 100
61 26.7 21.9 32.9
87 13.1 12.0 18.0

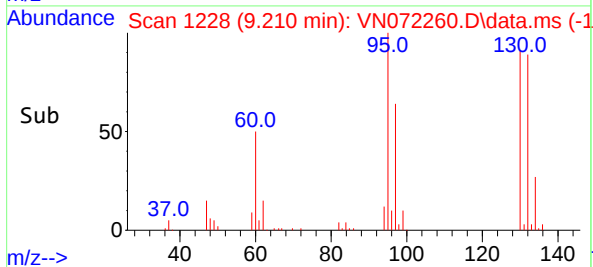
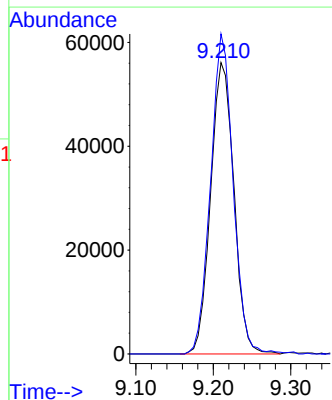
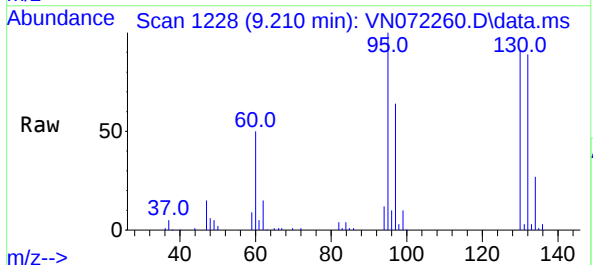
Manual Integrations
APPROVED

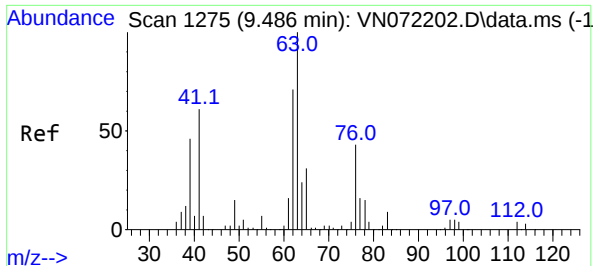
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022



#44
Trichloroethene
Concen: 47.371 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

Tgt Ion:130 Resp: 117023
Ion Ratio Lower Upper
130 100
95 109.9 0.0 186.8





#45

1,2-Dichloropropane

Concen: 45.884 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072260.D

Acq: 29 Apr 2022 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 13166

Ion Ratio Lower Upper

63 100

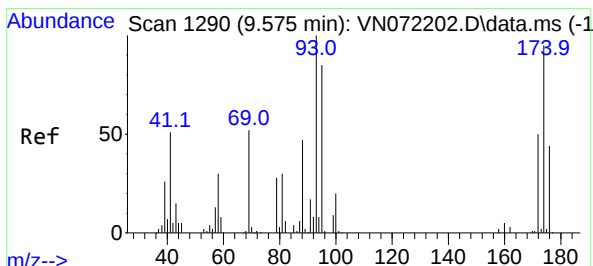
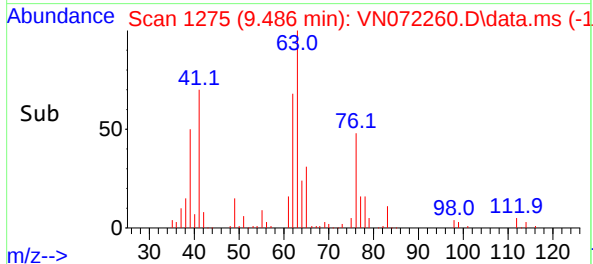
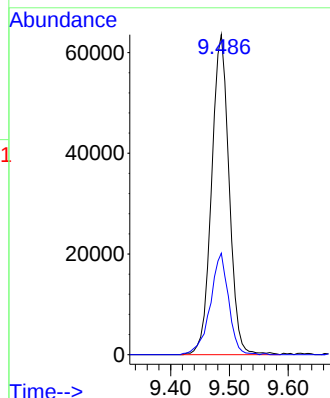
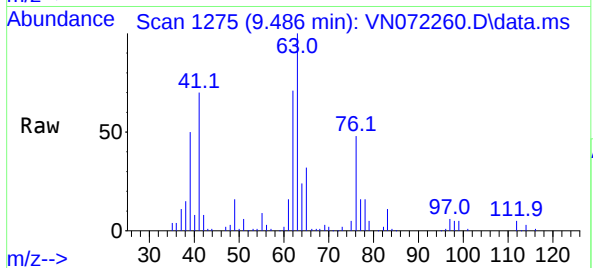
65 31.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2022

Supervised By :Mahesh Dadoda 05/02/2022



#46

Dibromomethane

Concen: 50.770 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN072260.D

Acq: 29 Apr 2022 10:17

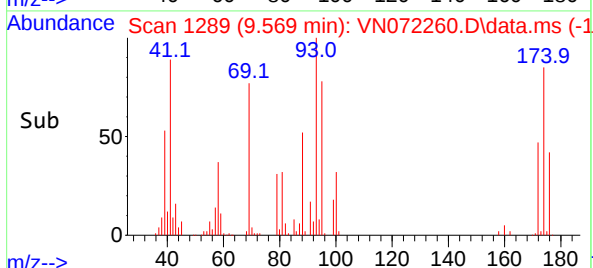
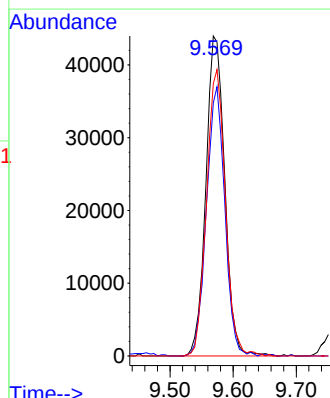
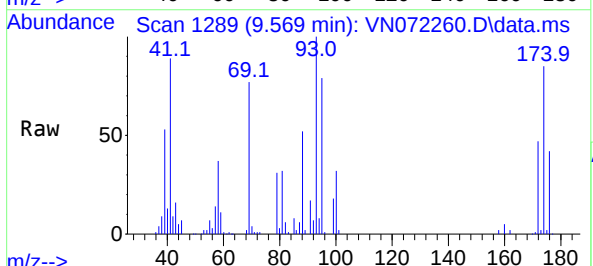
Tgt Ion: 93 Resp: 91266

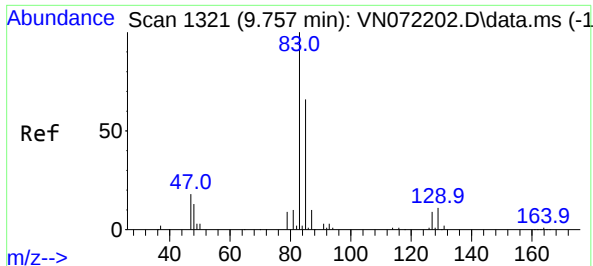
Ion Ratio Lower Upper

93 100

95 81.8 66.9 100.3

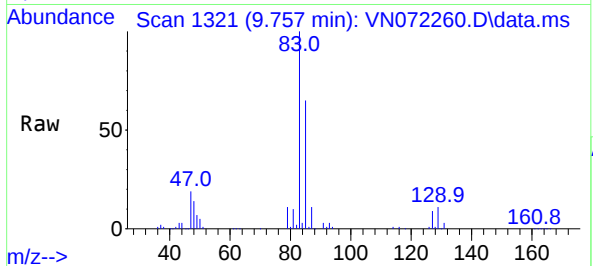
174 89.5 86.6 130.0





#47
Bromodichloromethane
Concen: 52.875 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

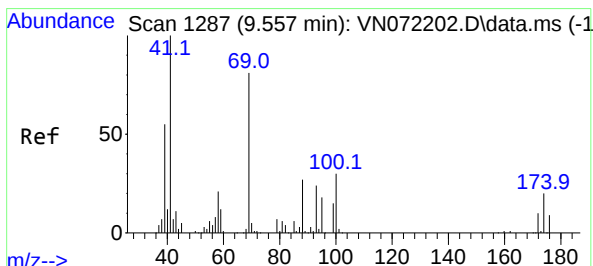
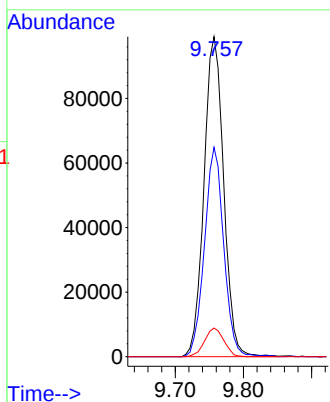
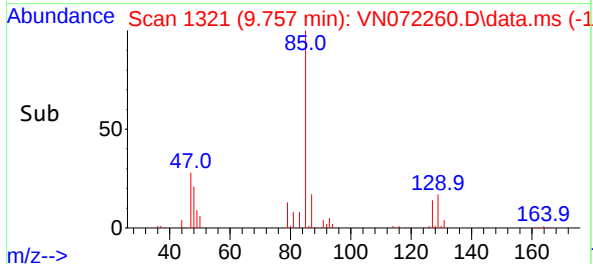
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



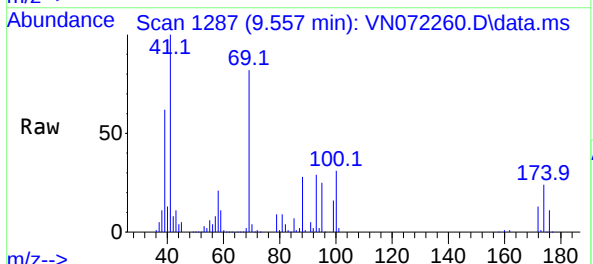
Tgt Ion: 83 Resp: 199436
Ion Ratio Lower Upper
83 100
85 65.4 50.5 75.7
127 9.0 6.8 10.2

Manual Integrations
APPROVED

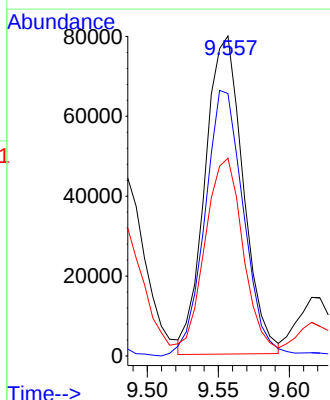
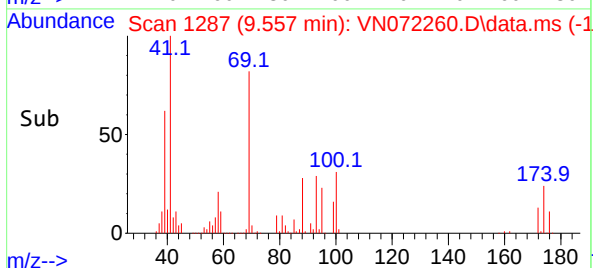
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022

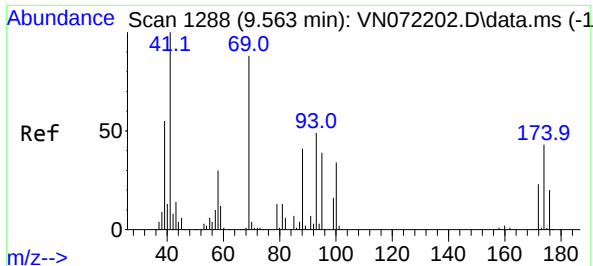


#48
Methyl methacrylate
Concen: 49.533 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17



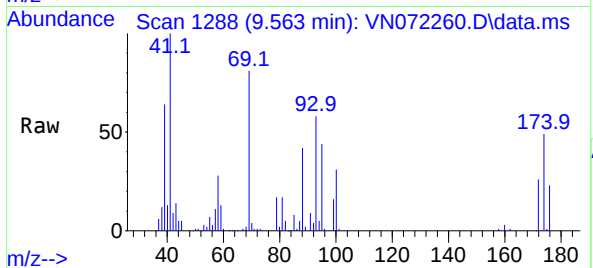
Tgt Ion: 41 Resp: 148766
Ion Ratio Lower Upper
41 100
69 85.6 74.7 112.1
39 63.3 45.6 68.4





#49
1,4-Dioxane
Concen: 1008.710 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

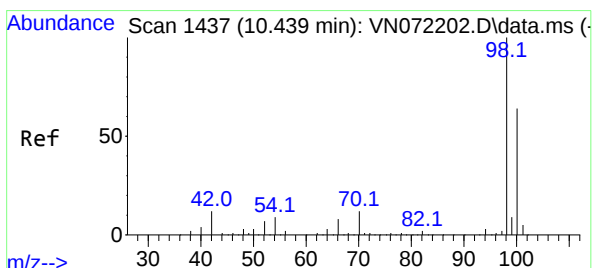
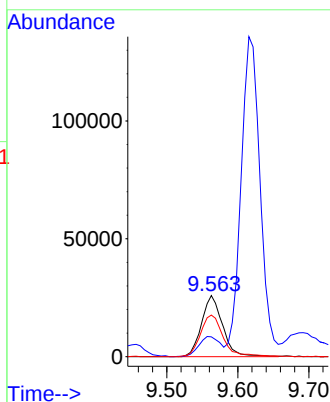
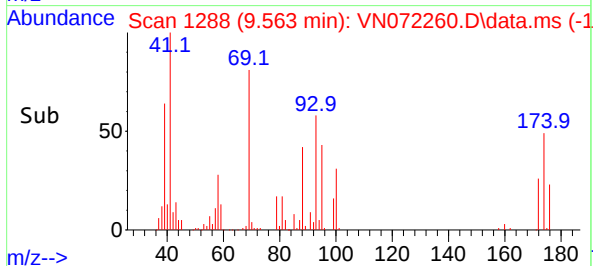
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



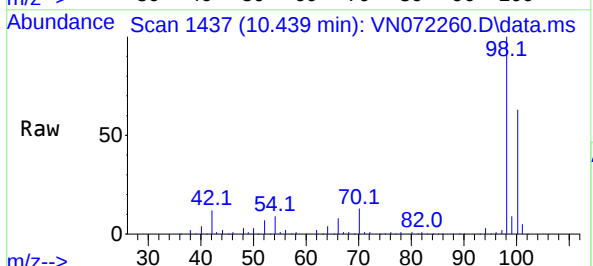
Tgt Ion: 88 Resp: 5321
Ion Ratio Lower Upper
88 100
43 33.6 20.2 30.4
58 74.6 54.2 81.4

Manual Integrations
APPROVED

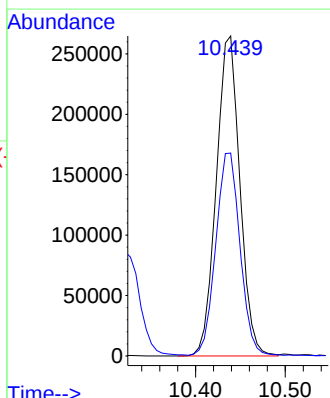
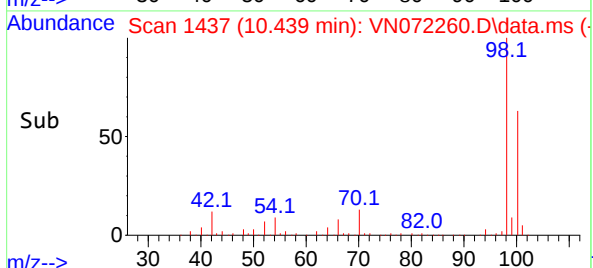
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022

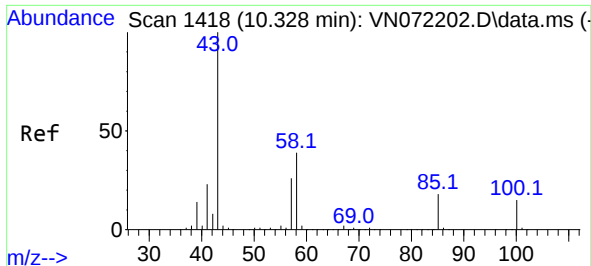


#50
Toluene-d8
Concen: 52.360 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17



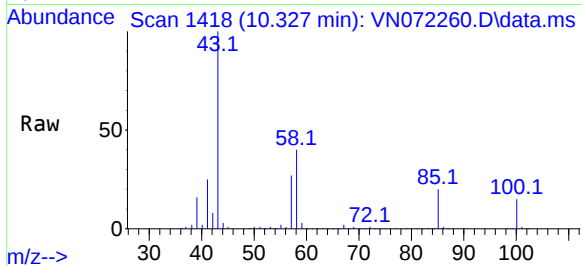
Tgt Ion: 98 Resp: 483934
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 230.487 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

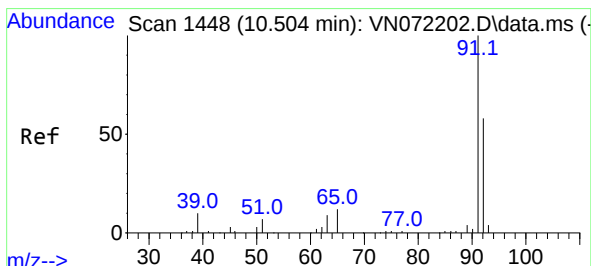
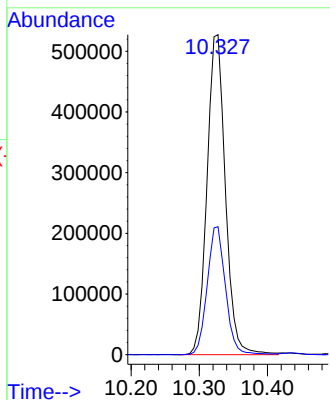
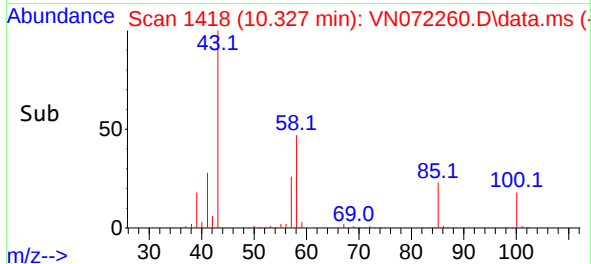
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



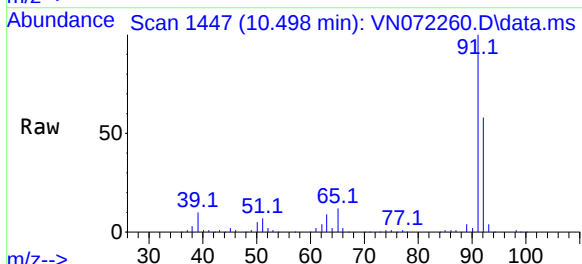
Tgt Ion: 43 Resp: 988783
Ion Ratio Lower Upper
43 100
58 39.8 34.1 51.1

Manual Integrations
APPROVED

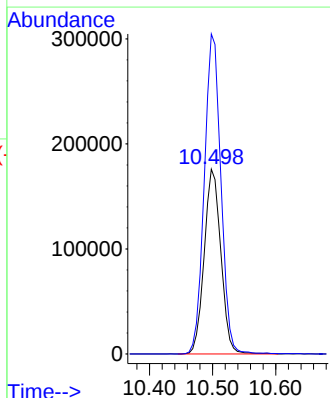
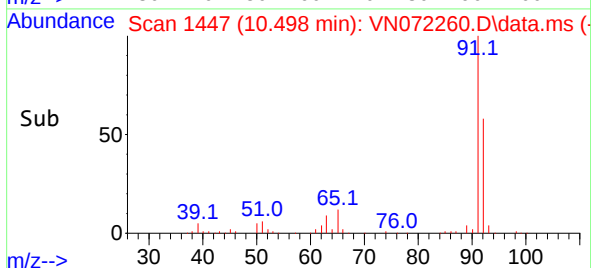
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022

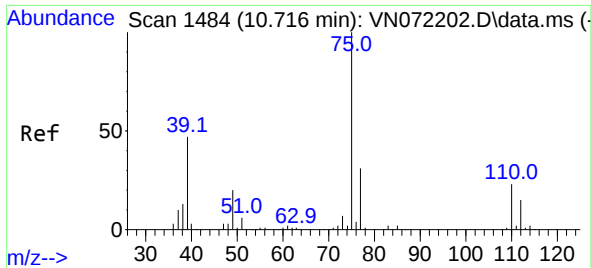


#52
Toluene
Concen: 50.764 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17



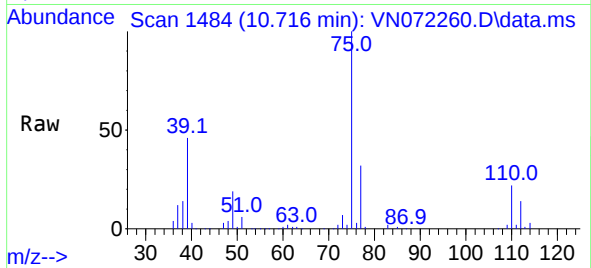
Tgt Ion: 92 Resp: 322283
Ion Ratio Lower Upper
92 100
91 172.8 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 54.829 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

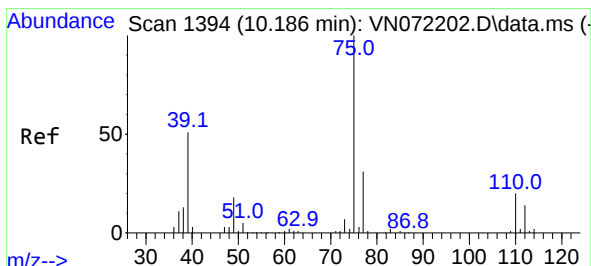
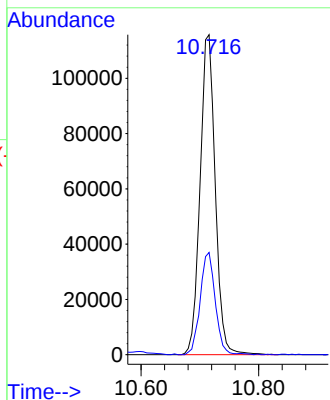
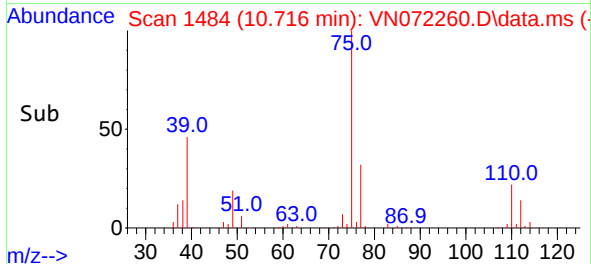
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



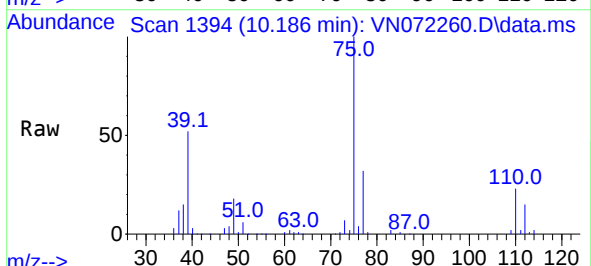
Tgt Ion: 75 Resp: 207890
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4

Manual Integrations
APPROVED

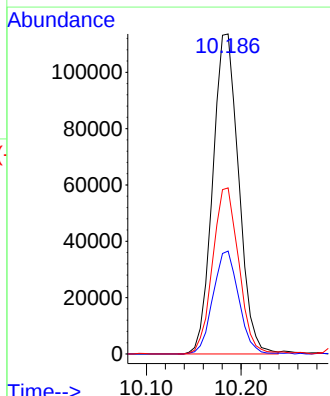
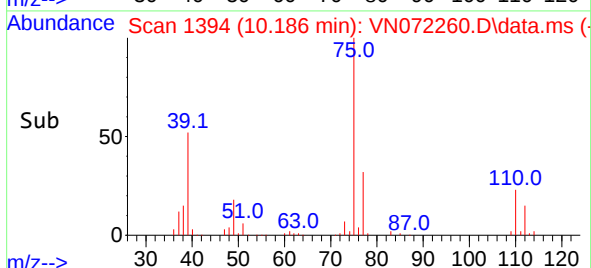
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022

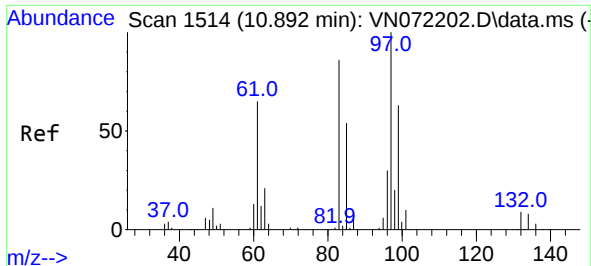


#54
cis-1,3-Dichloropropene
Concen: 52.826 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17



Tgt Ion: 75 Resp: 216613
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8
39 51.9 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 48.839 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

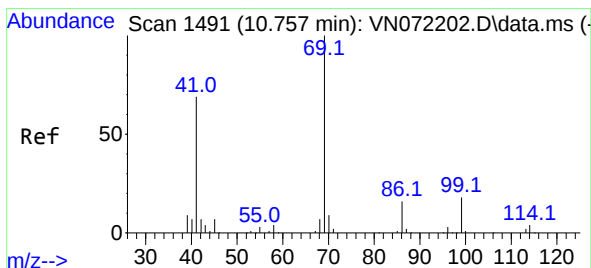
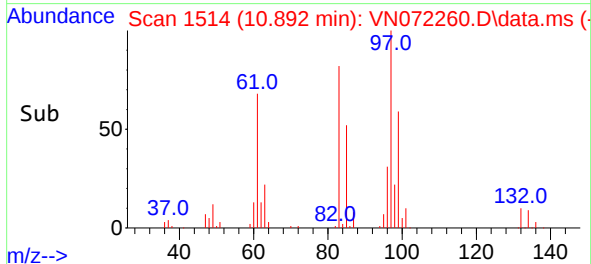
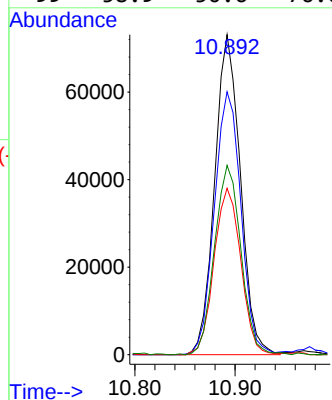
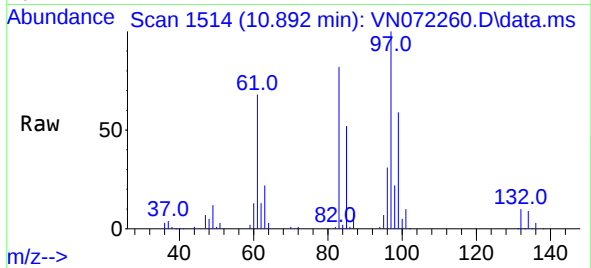
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 130000

Ion	Ratio	Lower	Upper
97	100		
83	82.1	66.2	99.4
85	52.0	43.9	65.9
99	58.9	50.6	76.0

Manual Integrations
APPROVED

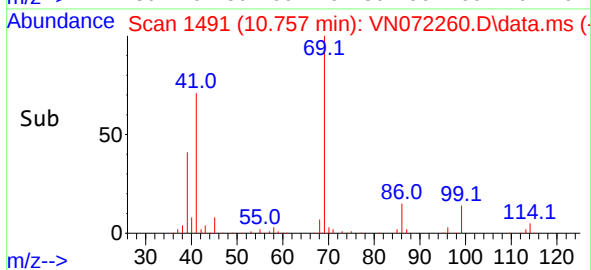
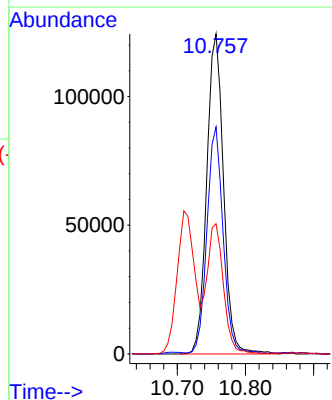
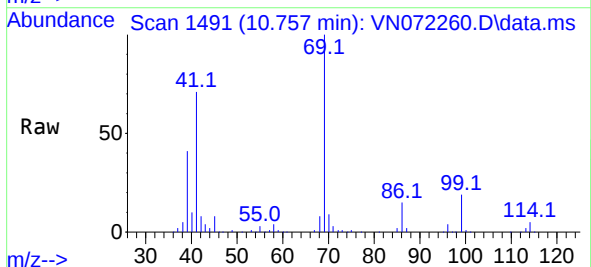
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022

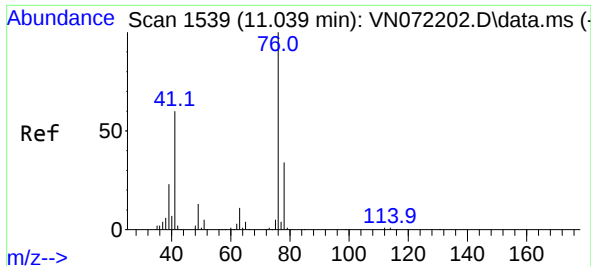


#56
Ethyl methacrylate
Concen: 45.893 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

Tgt Ion: 69 Resp: 212997

Ion	Ratio	Lower	Upper
69	100		
41	67.9	47.8	71.6
39	40.1	27.3	40.9





#57

1,3-Dichloropropane

Concen: 49.485 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072260.D

Acq: 29 Apr 2022 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 23115

Ion Ratio Lower Upper

76 100

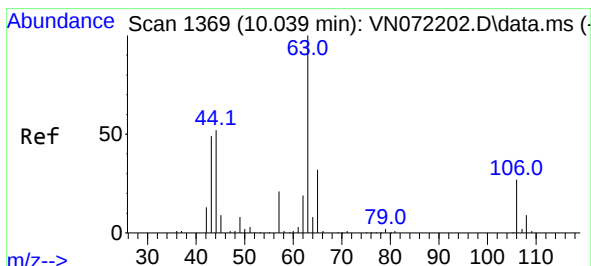
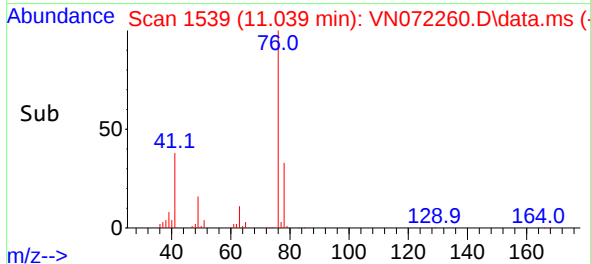
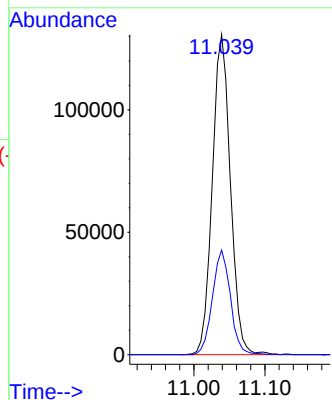
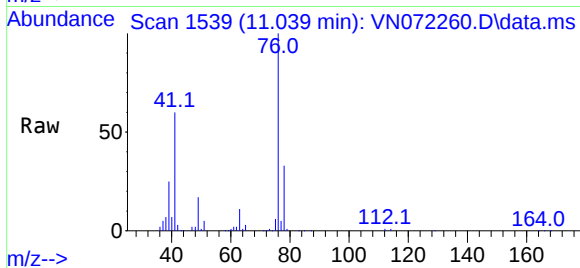
78 32.6 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2022

Supervised By :Mahesh Dadoda 05/02/2022



#58

2-Chloroethyl Vinyl ether

Concen: 216.071 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VN072260.D

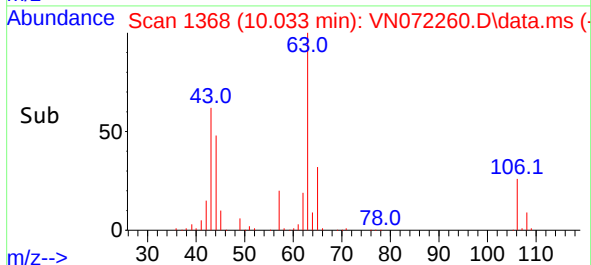
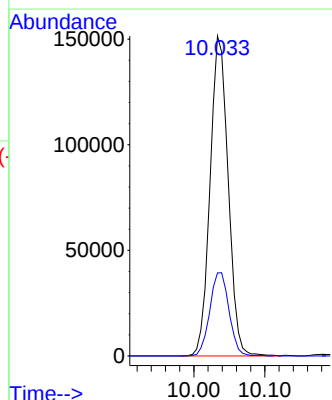
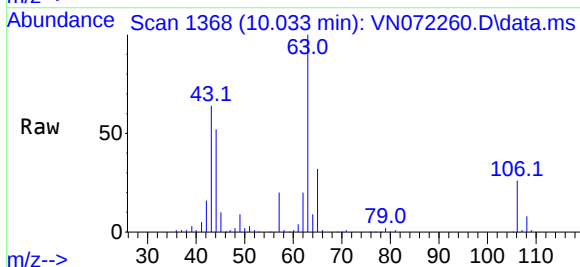
Acq: 29 Apr 2022 10:17

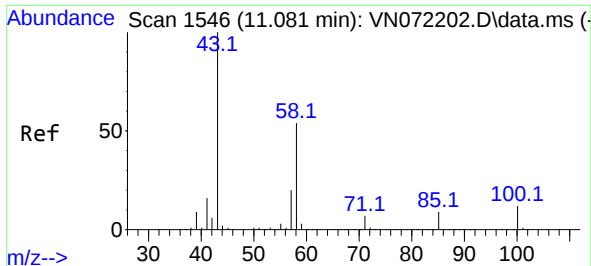
Tgt Ion: 63 Resp: 267751

Ion Ratio Lower Upper

63 100

106 27.7 24.6 36.8





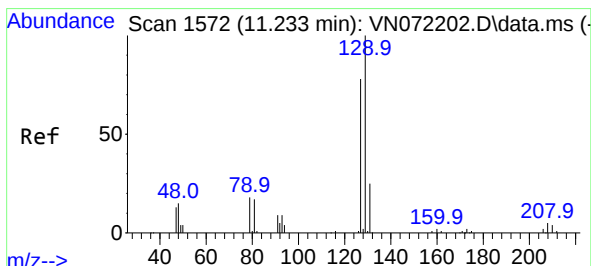
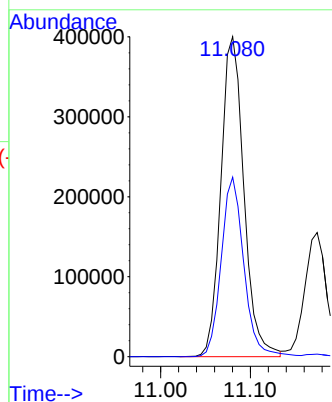
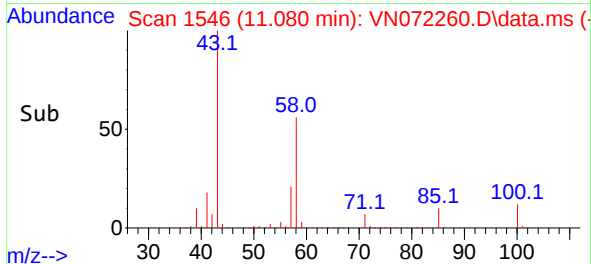
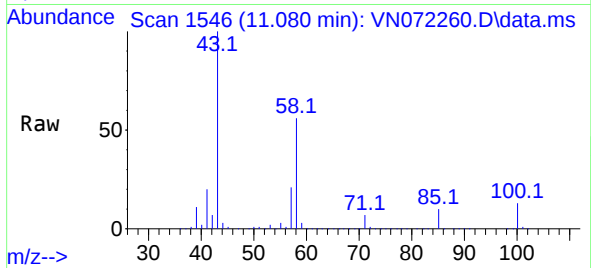
#59
2-Hexanone
Concen: 235.798 ug/l
RT: 11.080 min Scan# 11080
Delta R.T. -0.001 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 71270
Ion Ratio Lower Upper
43 100
58 55.2 29.7 89.1

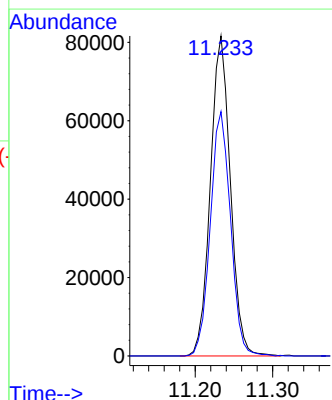
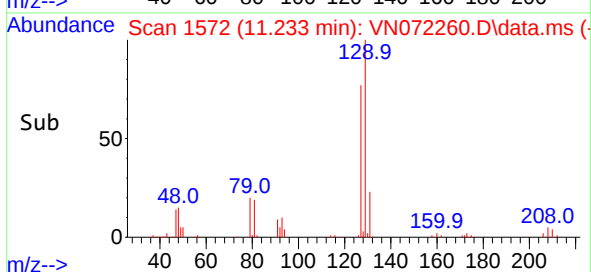
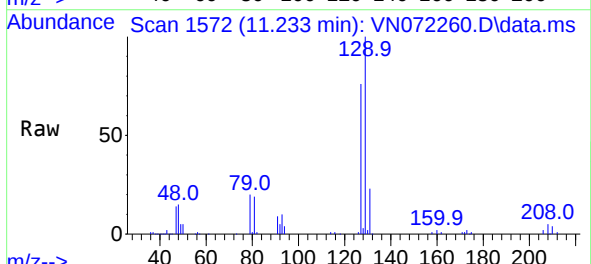
Manual Integrations
APPROVED

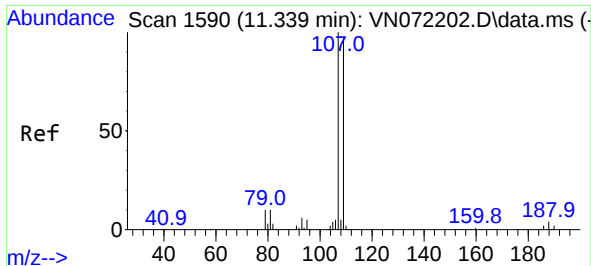
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022



#60
Dibromochloromethane
Concen: 53.731 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

Tgt Ion:129 Resp: 146255
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4





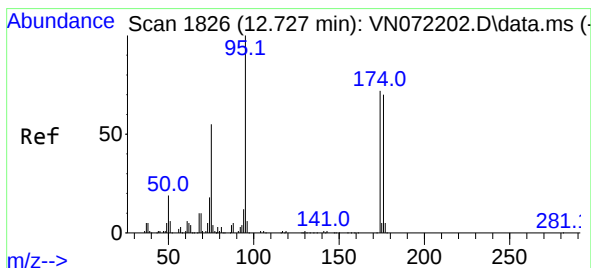
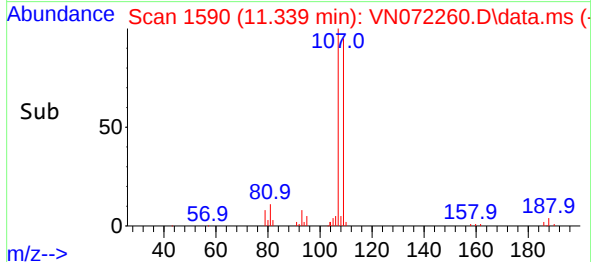
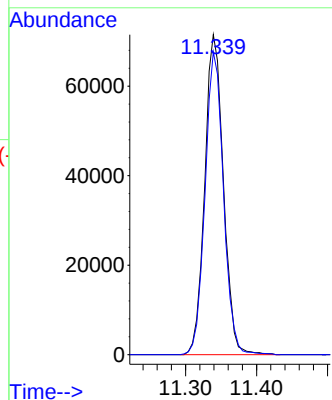
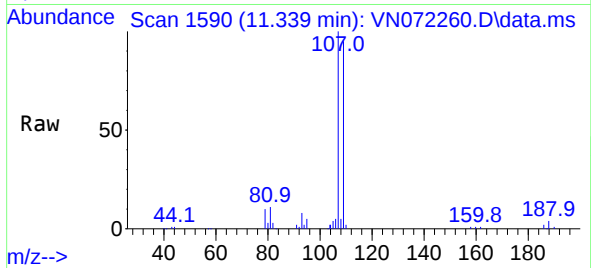
#61
1,2-Dibromoethane
Concen: 49.998 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 130889
Ion Ratio Lower Upper
107 100
109 93.4 75.0 112.6

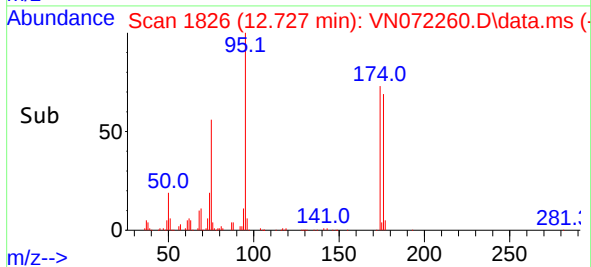
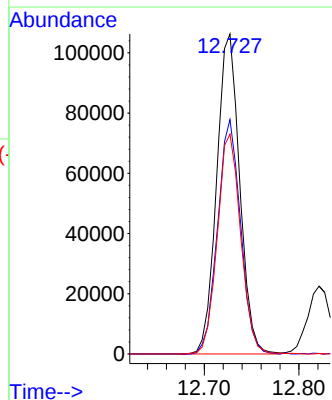
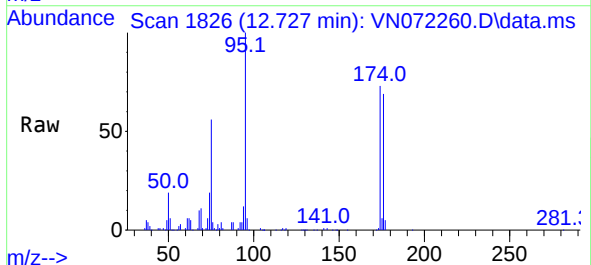
Manual Integrations
APPROVED

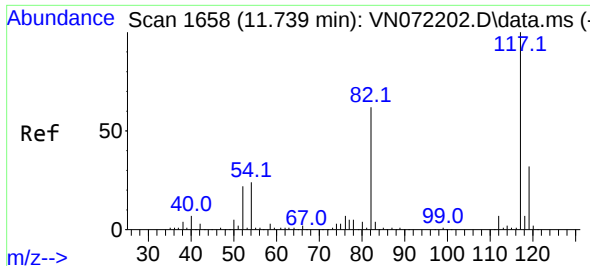
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022



#62
4-Bromofluorobenzene
Concen: 58.515 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

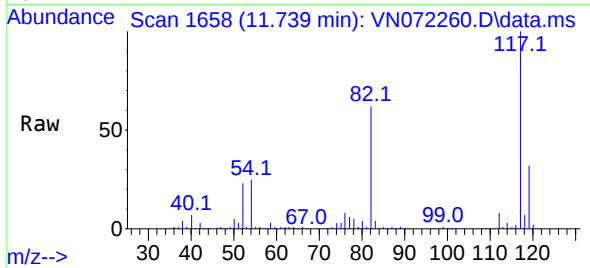
Tgt Ion: 95 Resp: 179511
Ion Ratio Lower Upper
95 100
174 72.9 0.0 167.6
176 69.5 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

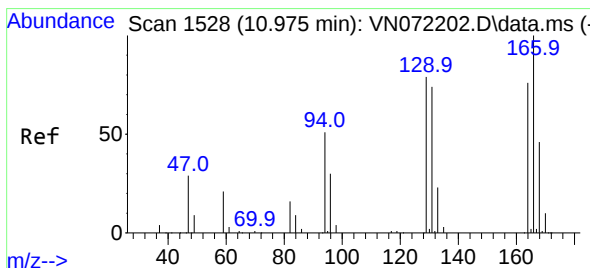
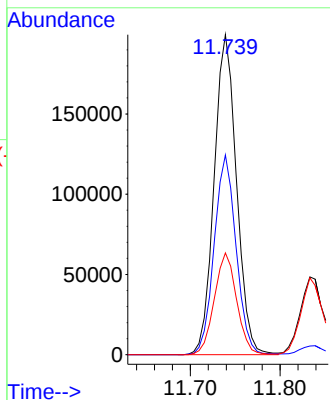
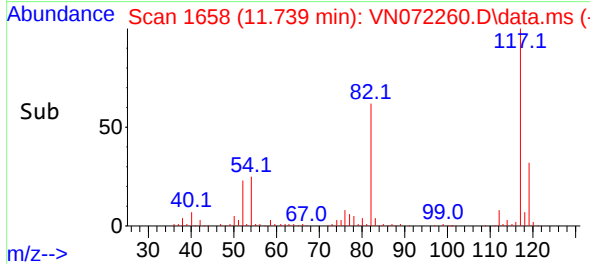
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



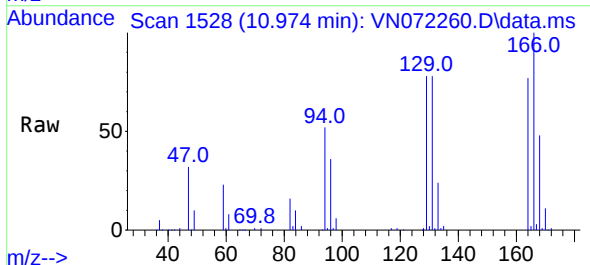
Tgt Ion:117 Resp: 34546
Ion Ratio Lower Upper
117 100
82 62.4 44.2 66.2
119 31.8 25.4 38.0

Manual Integrations
APPROVED

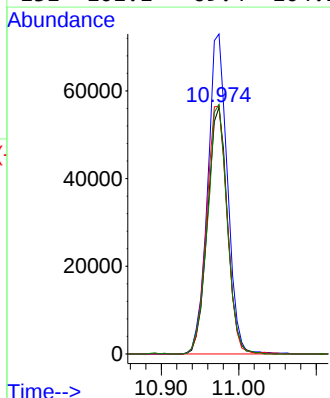
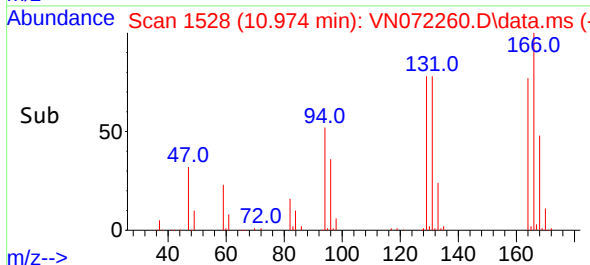
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022

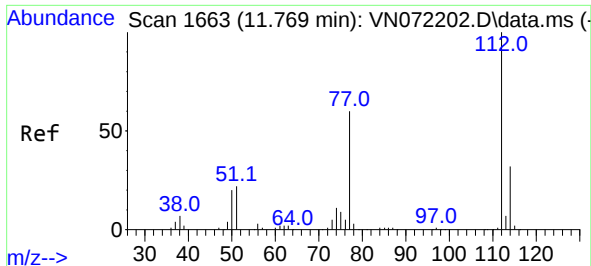


#64
Tetrachloroethene
Concen: 48.399 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17



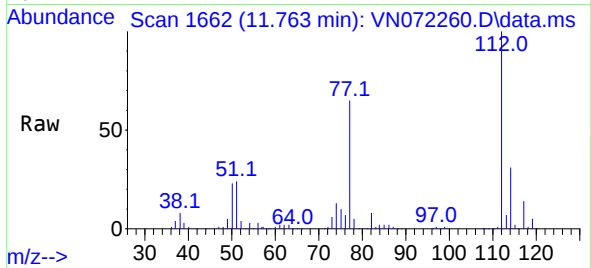
Tgt Ion:164 Resp: 100646
Ion Ratio Lower Upper
164 100
166 129.8 104.2 156.2
129 100.6 73.9 110.9
131 101.1 69.4 104.2





#65
Chlorobenzene
Concen: 47.843 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

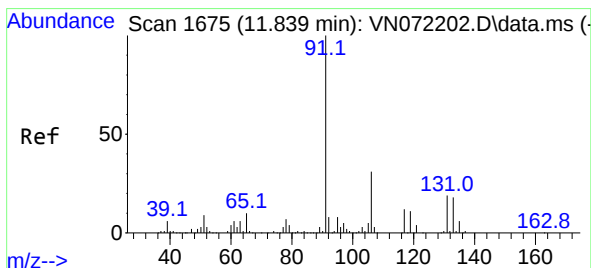
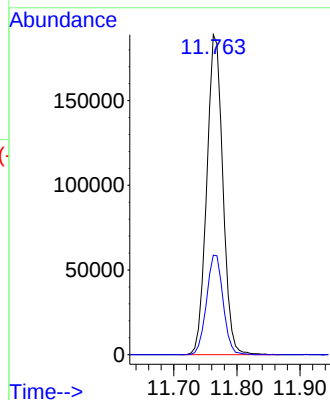
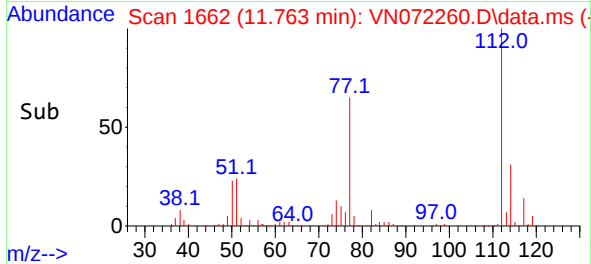
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



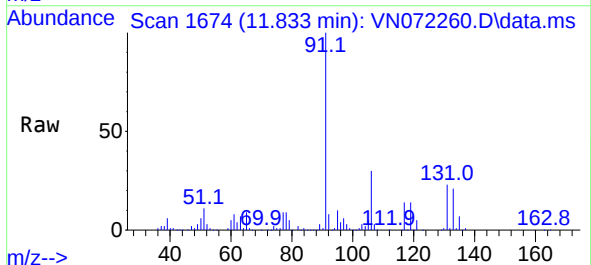
Tgt Ion:112 Resp: 333954
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.2

Manual Integrations
APPROVED

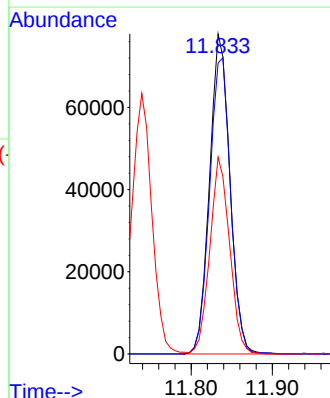
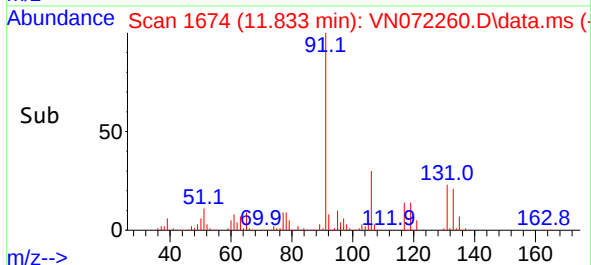
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022

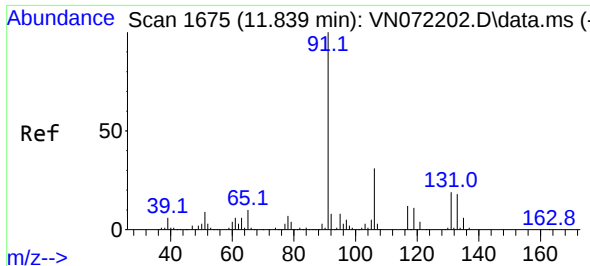


#66
1,1,1,2-Tetrachloroethane
Concen: 51.443 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17



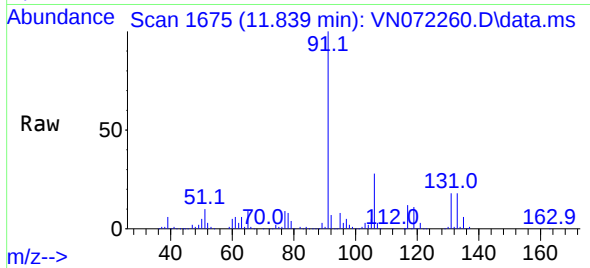
Tgt Ion:131 Resp: 135305
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.4
119 59.8 33.4 100.2





#67
Ethyl Benzene
Concen: 53.623 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

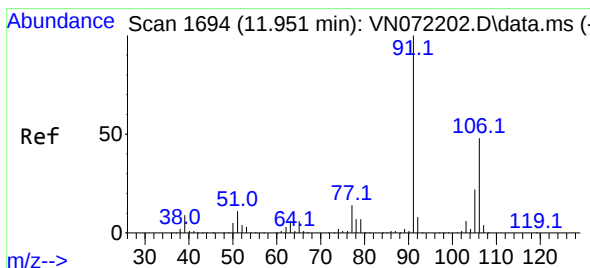
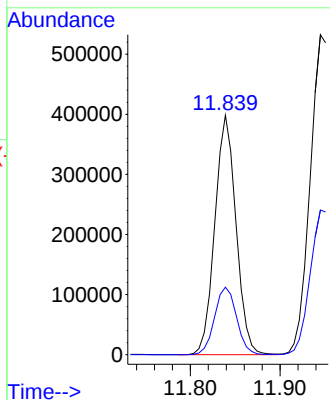
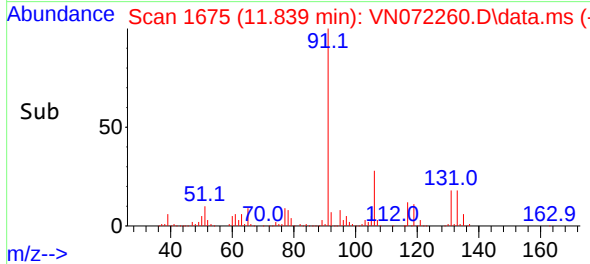
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



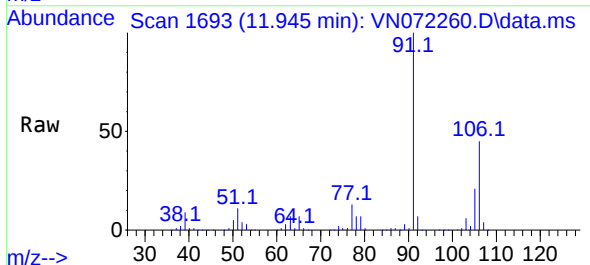
Tgt Ion: 91 Resp: 652760
Ion Ratio Lower Upper
91 100
106 28.2 24.9 37.3

Manual Integrations
APPROVED

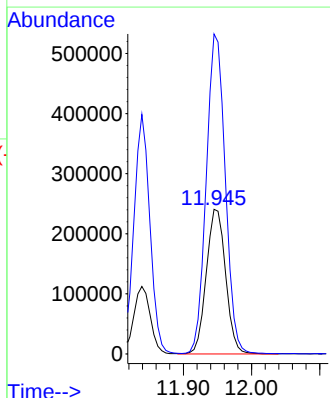
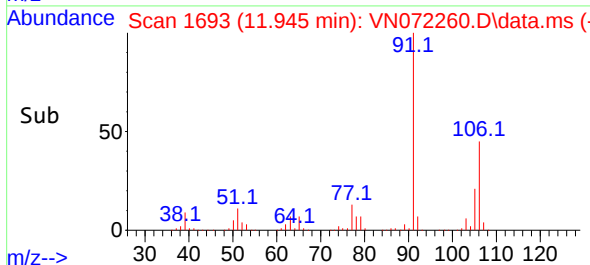
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022

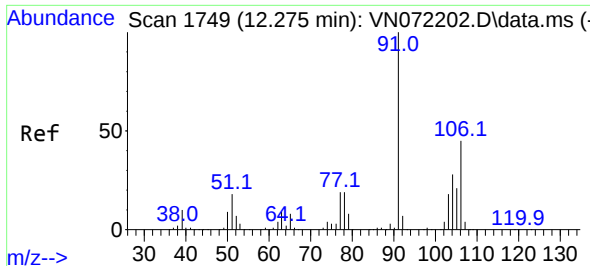


#68
m/p-Xylenes
Concen: 105.171 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17



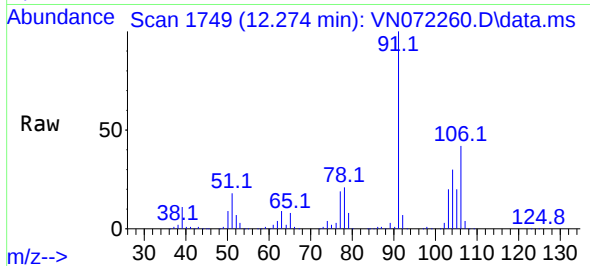
Tgt Ion:106 Resp: 475410
Ion Ratio Lower Upper
106 100
91 217.3 158.9 238.3





#69
o-Xylene
Concen: 53.178 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

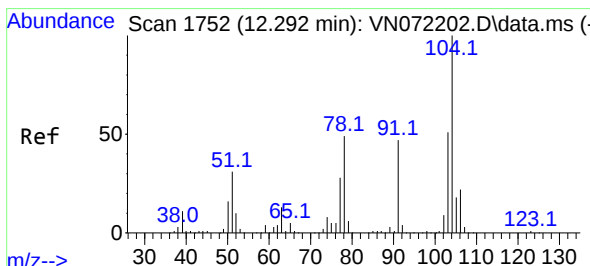
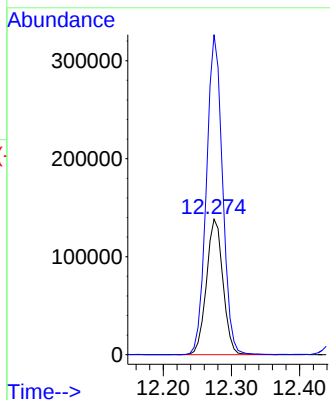
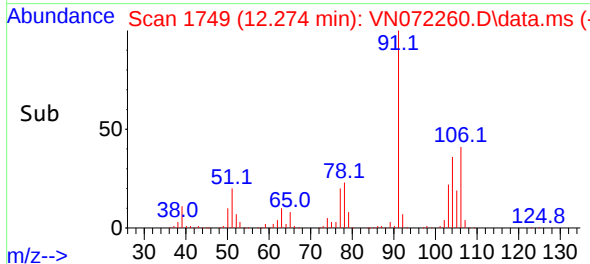
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



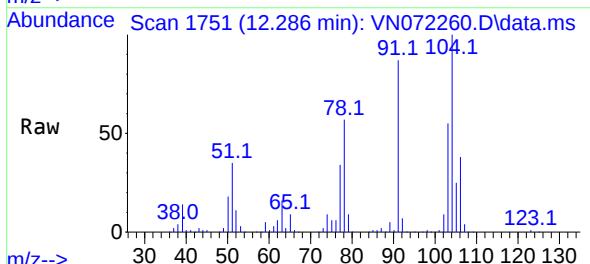
Tgt Ion:106 Resp: 23303
Ion Ratio Lower Upper
106 100
91 230.5 106.0 318.0

Manual Integrations
APPROVED

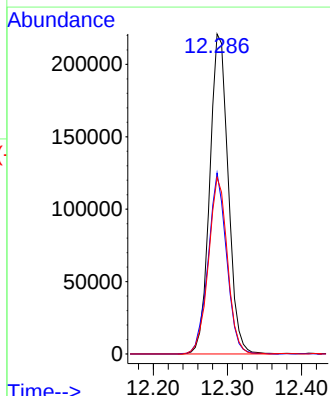
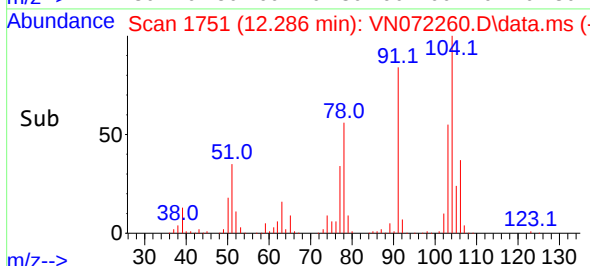
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022

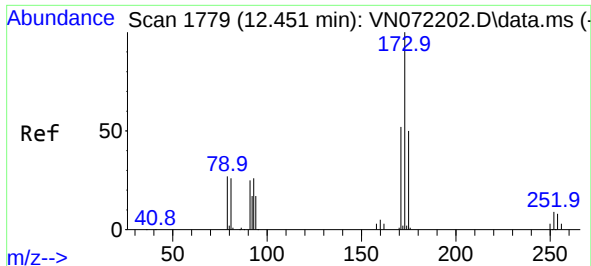


#70
Styrene
Concen: 55.442 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17



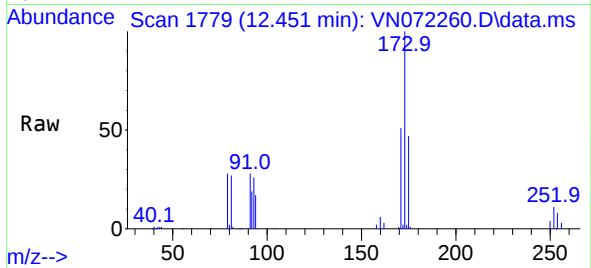
Tgt Ion:104 Resp: 382696
Ion Ratio Lower Upper
104 100
78 56.5 39.5 59.3
103 56.5 44.0 66.0





#71
Bromoform
Concen: 53.774 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

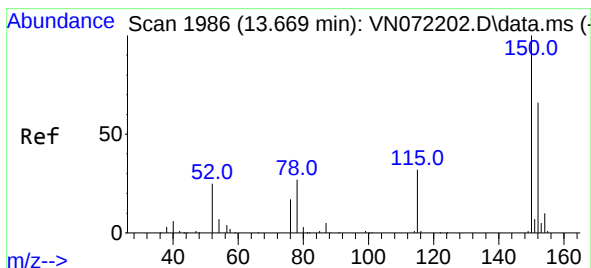
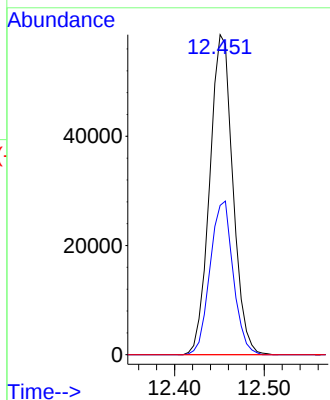
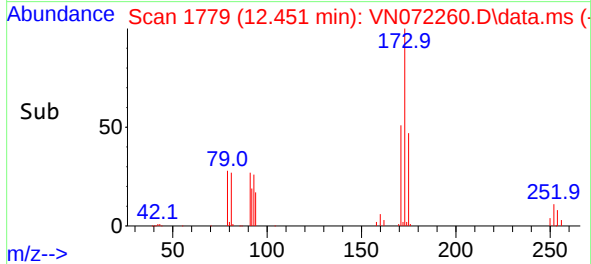
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



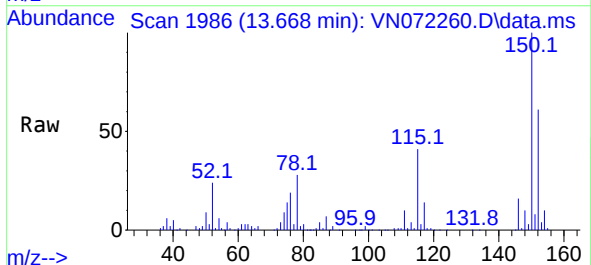
Tgt Ion:173 Resp: 105190
Ion Ratio Lower Upper
173 100
175 47.8 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

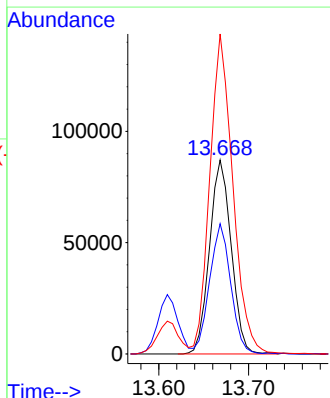
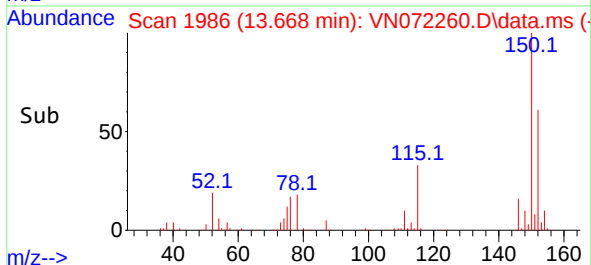
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022

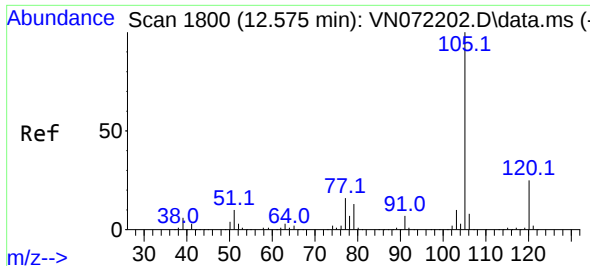


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17



Tgt Ion:152 Resp: 146415
Ion Ratio Lower Upper
152 100
115 64.6 28.9 86.7
150 175.7 0.0 356.2





#73
Isopropylbenzene
Concen: 48.834 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

Instrument :

MSVOA_N

ClientSampleId :

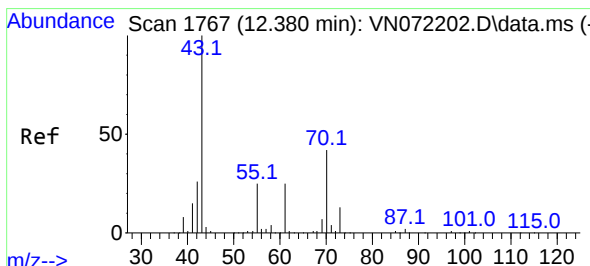
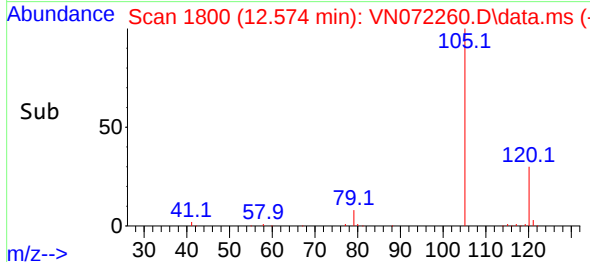
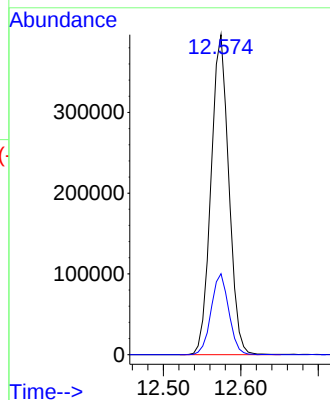
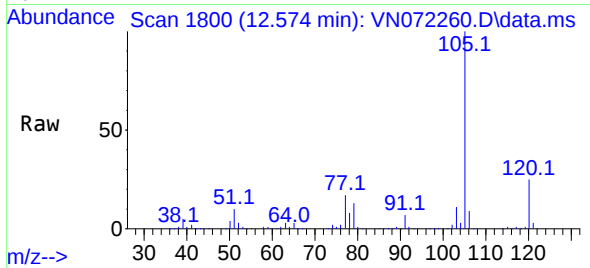
VSTDCCC050

Tgt Ion:105 Resp: 631492
Ion Ratio Lower Upper
105 100
120 25.0 13.5 40.4

Manual Integrations

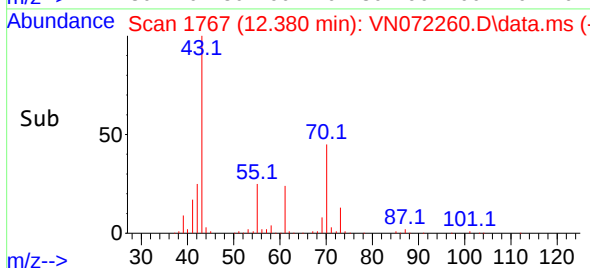
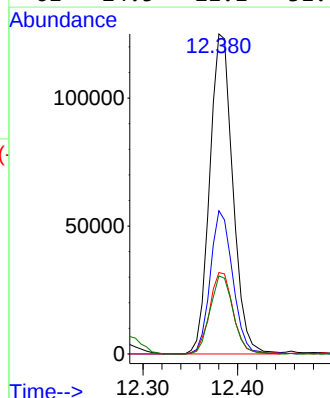
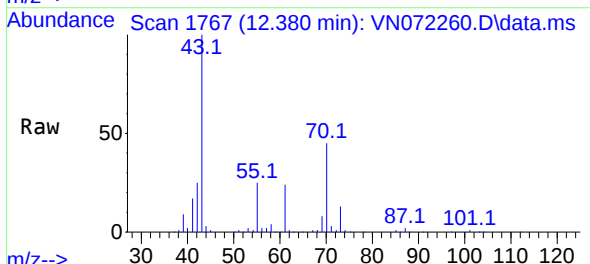
APPROVED

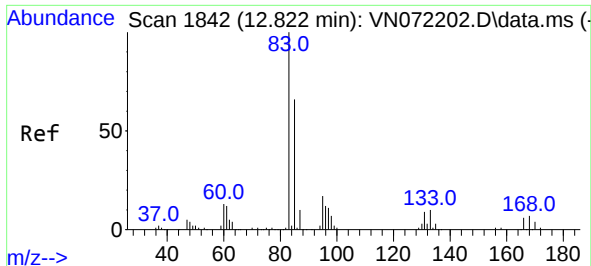
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022



#74
N-ethyl acetate
Concen: 43.705 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

Tgt Ion: 43 Resp: 211738
Ion Ratio Lower Upper
43 100
70 43.6 39.0 58.4
55 26.0 21.1 31.7
61 24.5 21.1 31.7





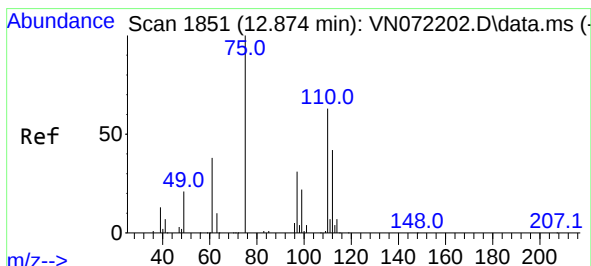
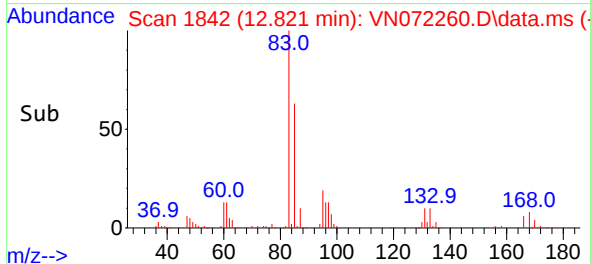
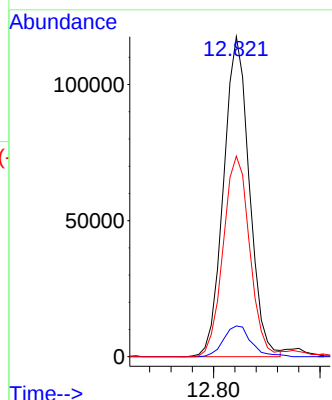
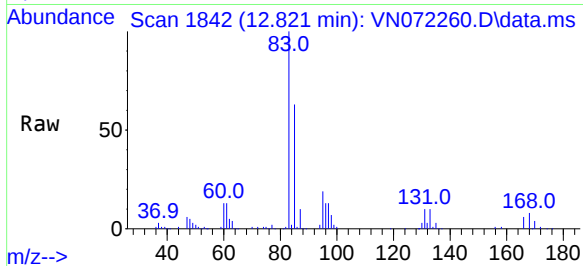
#75
1,1,2,2-Tetrachloroethane
Concen: 45.549 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 197004
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.9
85 64.9 32.3 96.9

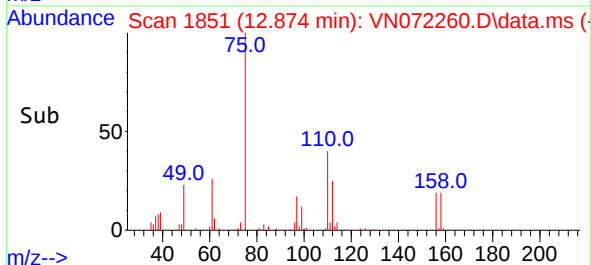
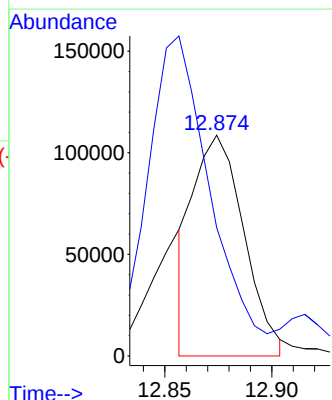
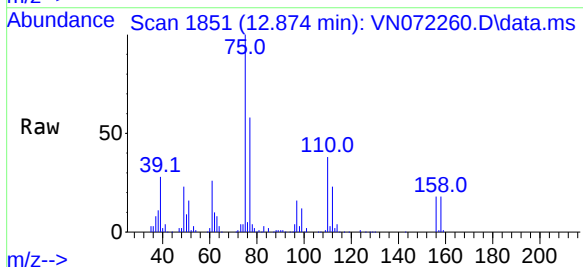
Manual Integrations
APPROVED

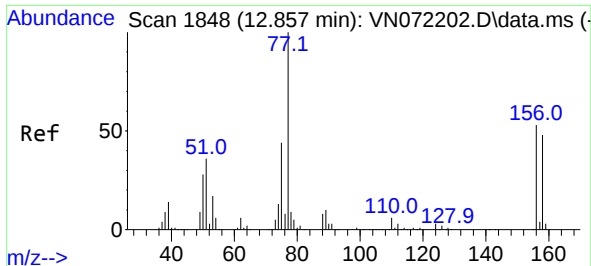
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022



#76
1,2,3-Trichloropropane
Concen: 52.302 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

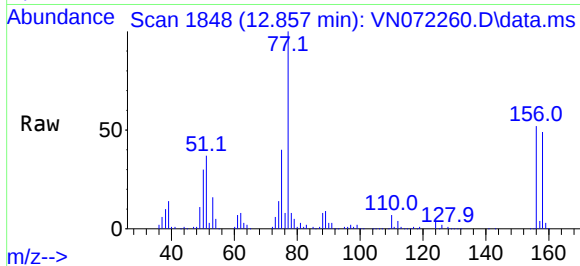
Tgt Ion: 75 Resp: 179517
Ion Ratio Lower Upper
75 100
77 179.8 98.5 295.5





#77
Bromobenzene
Concen: 45.798 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

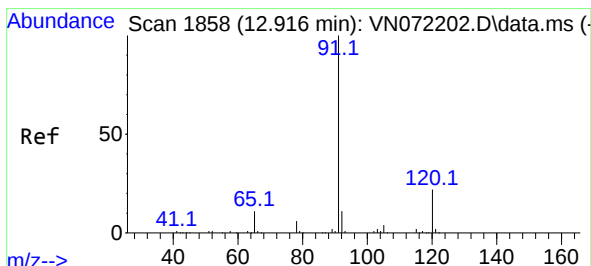
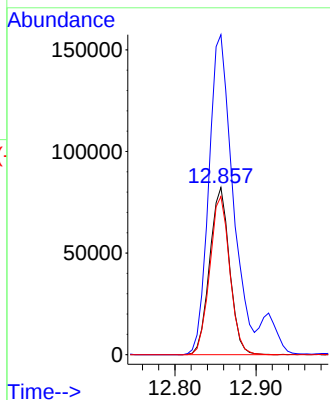
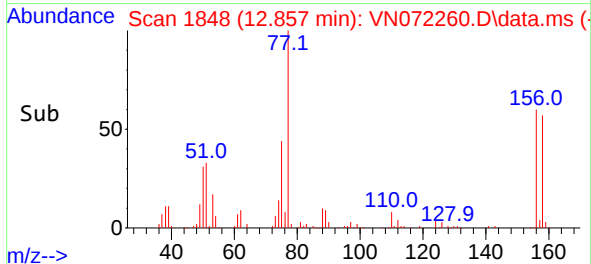
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 140051
Ion Ratio Lower Upper
156 100
77 230.4 100.5 301.5
158 95.1 48.9 146.6

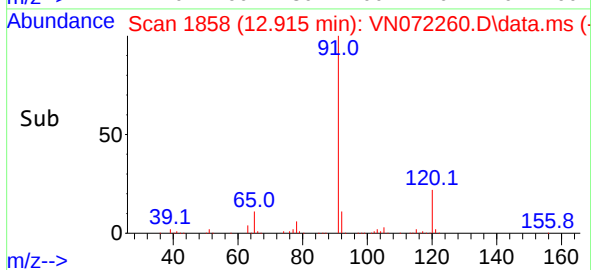
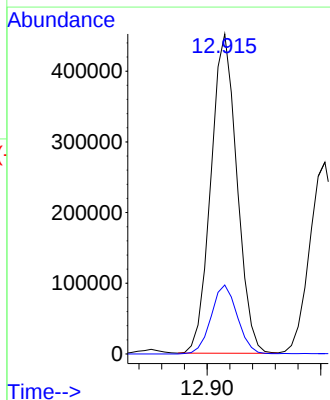
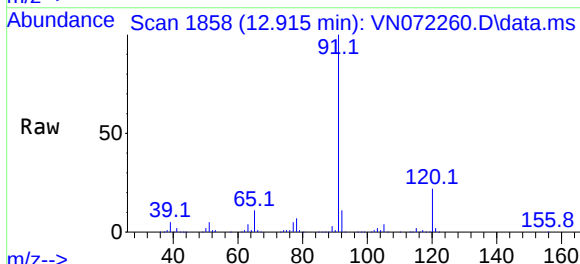
Manual Integrations
APPROVED

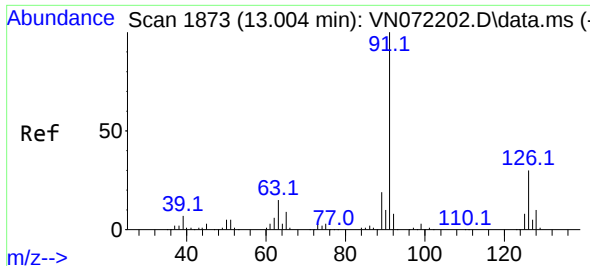
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022



#78
n-propylbenzene
Concen: 50.552 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

Tgt Ion: 91 Resp: 720160
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.5





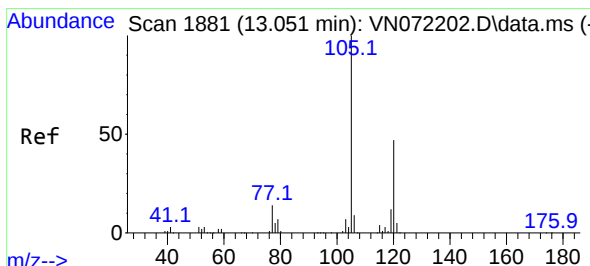
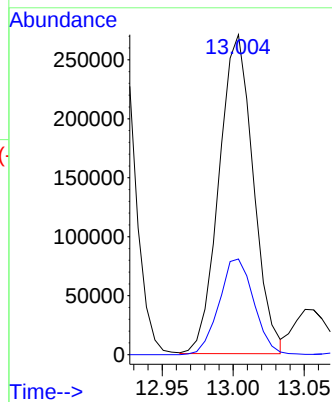
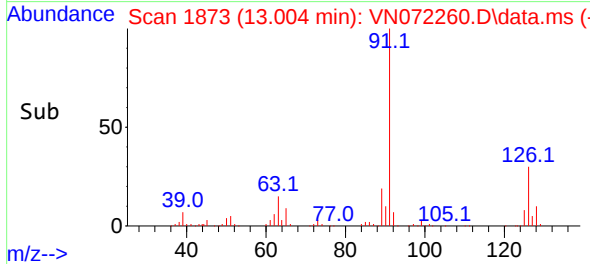
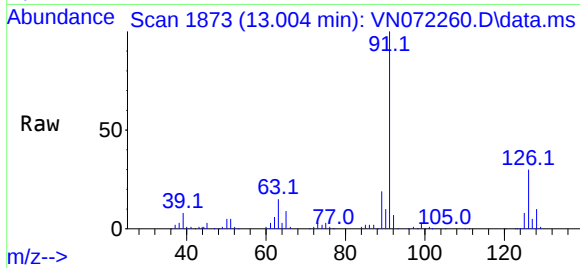
#79
2-Chlorotoluene
Concen: 48.597 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 454732
Ion Ratio Lower Upper
91 100
126 30.5 17.3 51.9

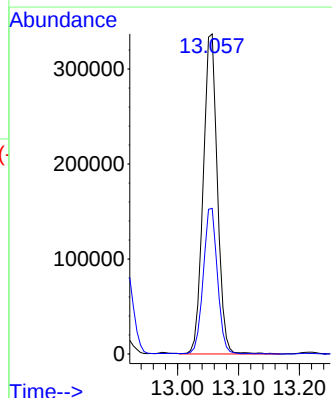
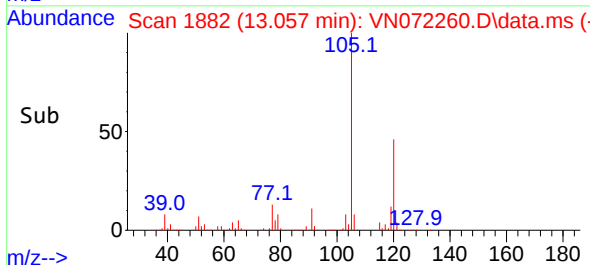
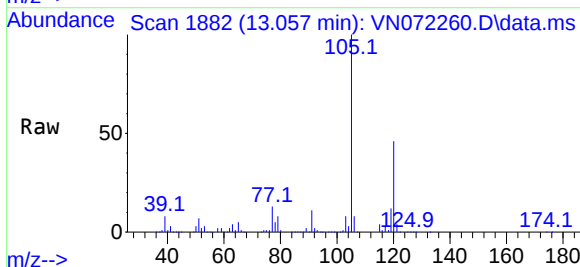
Manual Integrations
APPROVED

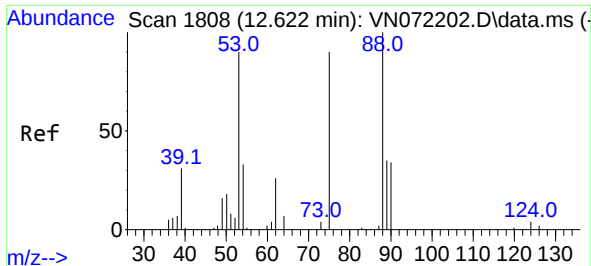
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.683 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

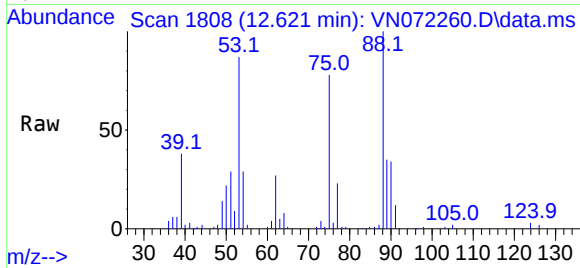
Tgt Ion:105 Resp: 545830
Ion Ratio Lower Upper
105 100
120 45.1 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 47.604 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

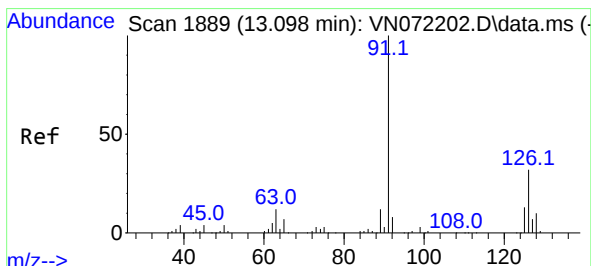
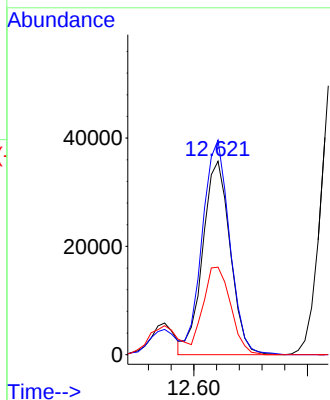
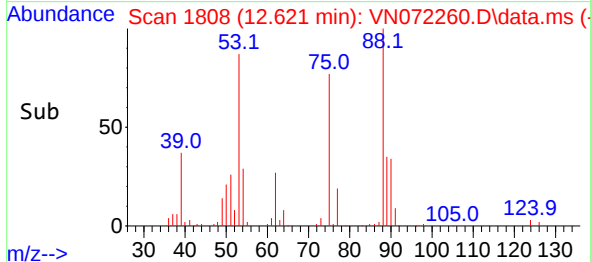
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



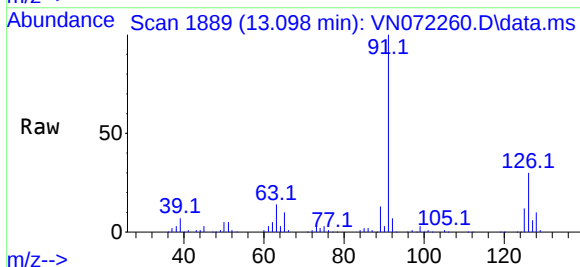
Tgt Ion: 75 Resp: 60280
Ion Ratio Lower Upper
75 100
53 109.0 78.0 117.0
89 44.8 37.2 55.8

Manual Integrations
APPROVED

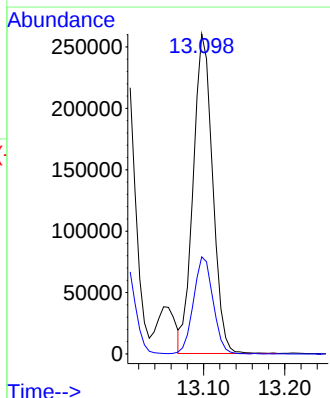
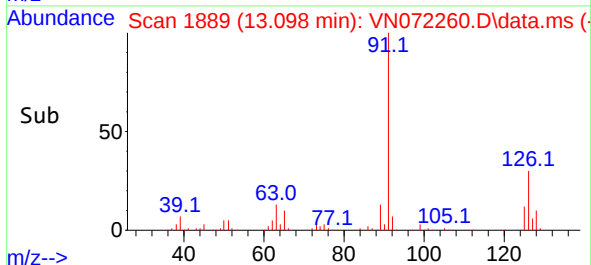
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022

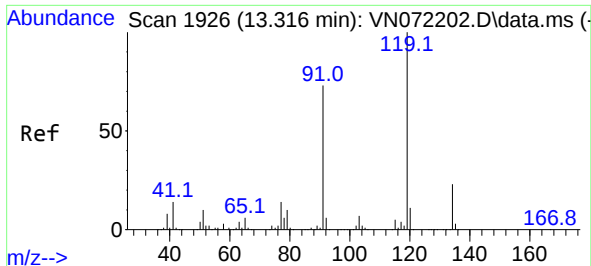


#82
4-Chlorotoluene
Concen: 49.616 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17



Tgt Ion: 91 Resp: 432179
Ion Ratio Lower Upper
91 100
126 30.7 17.2 51.6





#83
tert-Butylbenzene
Concen: 49.897 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.001 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

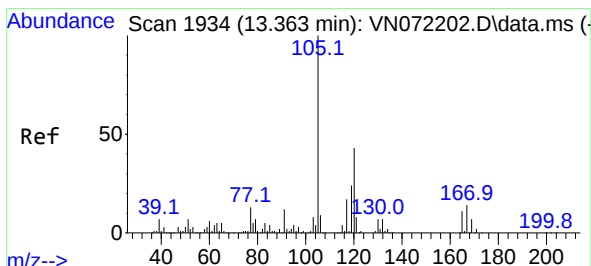
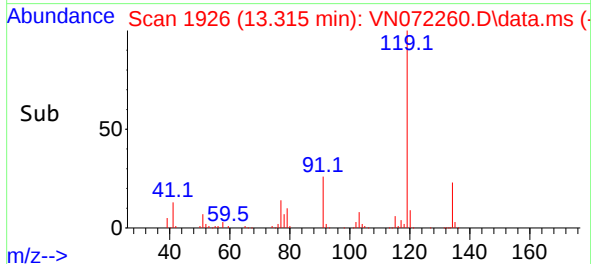
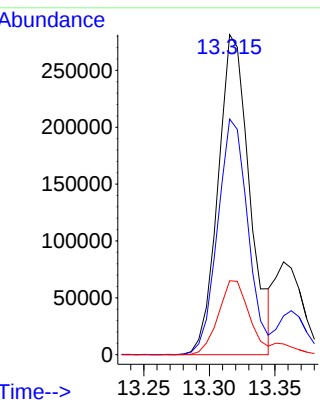
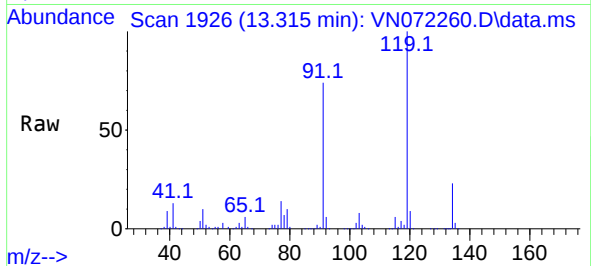
Tgt Ion:119 Resp: 471809
Ion Ratio Lower Upper
119 100
91 70.7 31.6 94.8
134 25.3 13.7 41.1

Manual Integrations

APPROVED

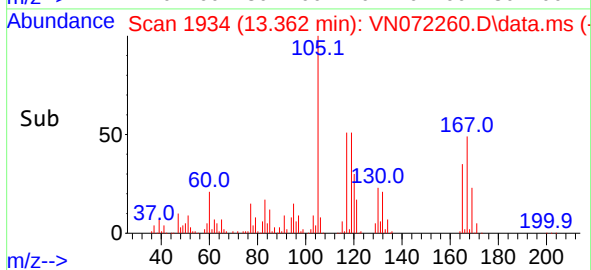
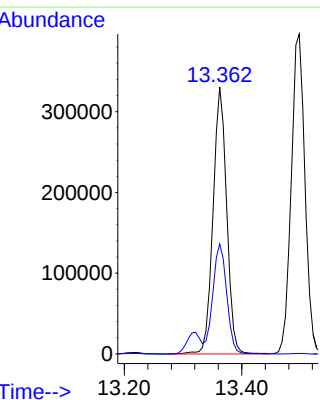
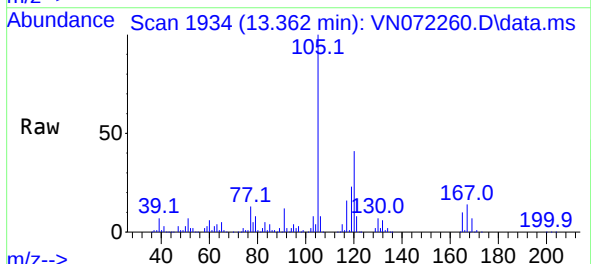
Reviewed By :John Carlone 05/02/2022

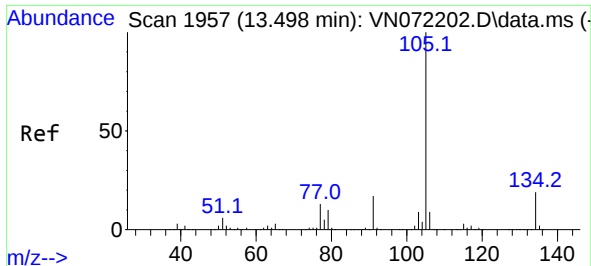
Supervised By :Mahesh Dadoda 05/02/2022



#84
1,2,4-Trimethylbenzene
Concen: 51.114 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

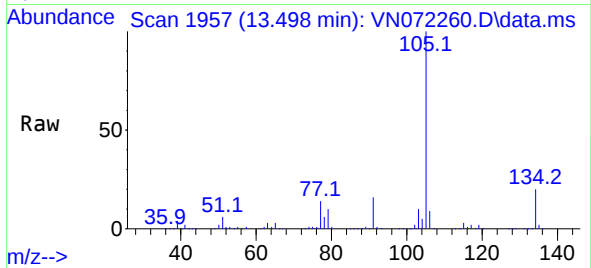
Tgt Ion:105 Resp: 532596
Ion Ratio Lower Upper
105 100
120 42.1 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 52.084 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072260.D
 Acq: 29 Apr 2022 10:17

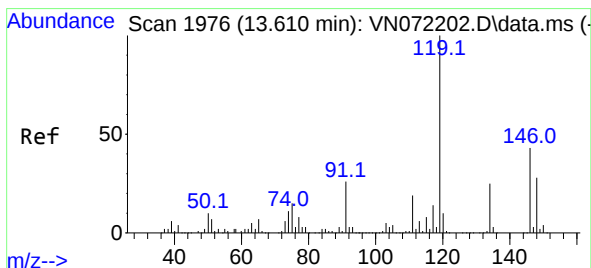
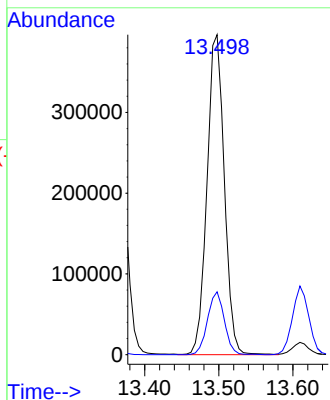
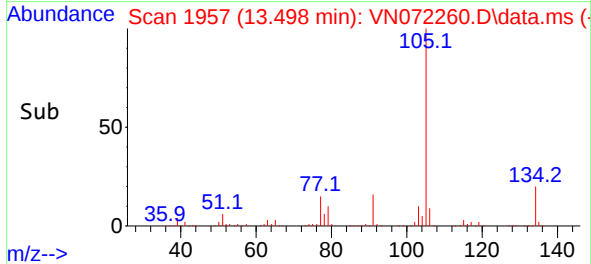
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



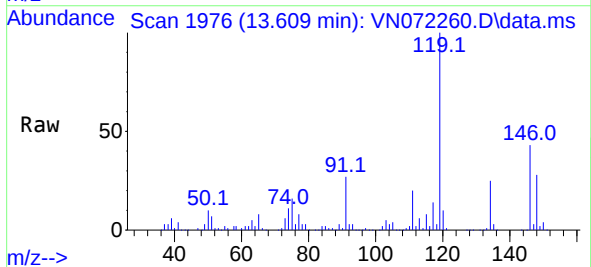
Tgt Ion:105 Resp: 642064
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.4 31.1

Manual Integrations
 APPROVED

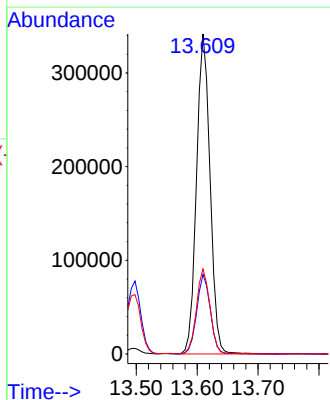
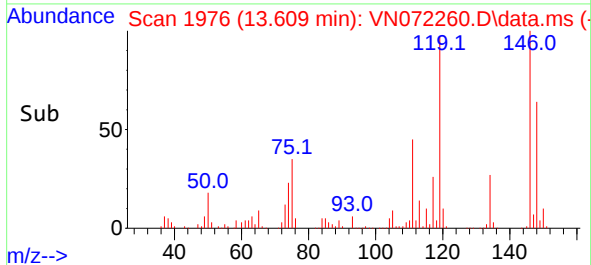
Reviewed By :John Carlone 05/02/2022
 Supervised By :Mahesh Dadoda 05/02/2022

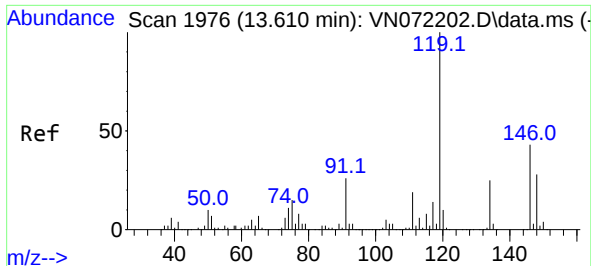


#86
 p-Isopropyltoluene
 Concen: 54.805 ug/l
 RT: 13.609 min Scan# 1976
 Delta R.T. -0.001 min
 Lab File: VN072260.D
 Acq: 29 Apr 2022 10:17



Tgt Ion:119 Resp: 526720
 Ion Ratio Lower Upper
 119 100
 134 24.8 13.3 39.8
 91 26.3 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 48.915 ug/l

RT: 13.609 min Scan# 1976

Delta R.T. -0.001 min

Lab File: VN072260.D

Acq: 29 Apr 2022 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

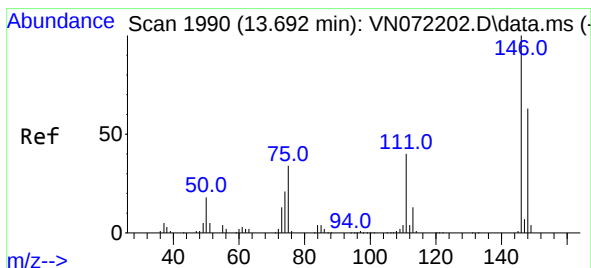
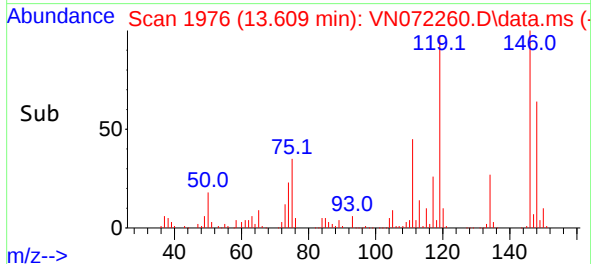
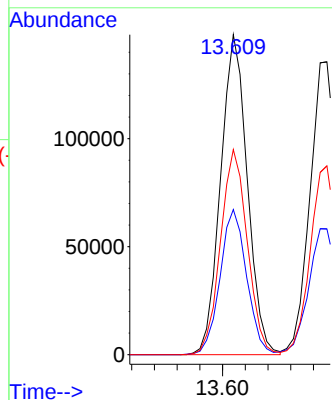
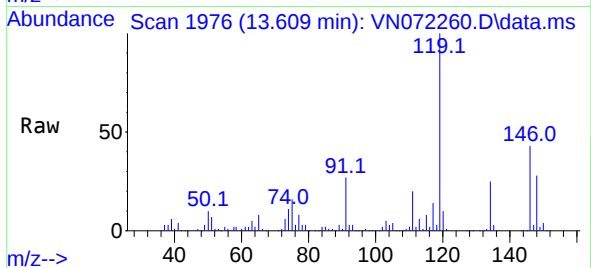
Tgt Ion:146 Resp: 242099
 Ion Ratio Lower Upper
 146 100
 111 45.2 20.0 60.0
 148 64.5 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/02/2022

Supervised By :Mahesh Dadoda 05/02/2022



#88

1,4-Dichlorobenzene

Concen: 48.568 ug/l

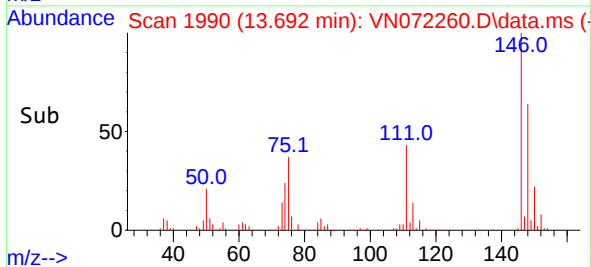
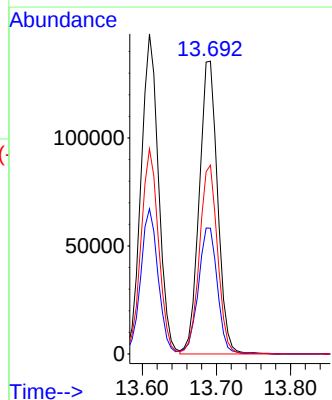
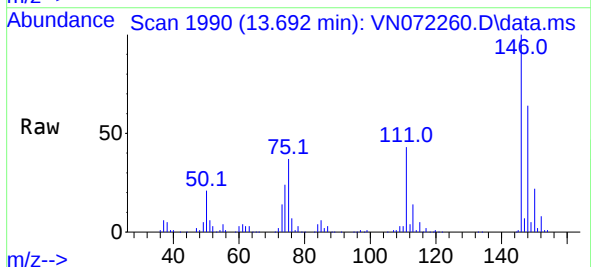
RT: 13.692 min Scan# 1990

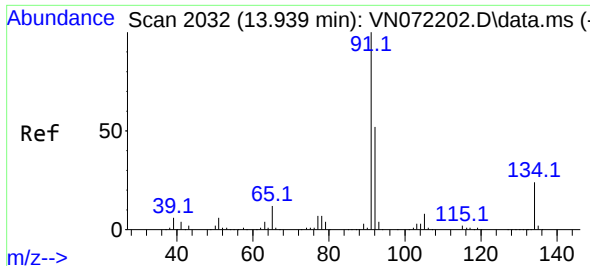
Delta R.T. -0.000 min

Lab File: VN072260.D

Acq: 29 Apr 2022 10:17

Tgt Ion:146 Resp: 233767
 Ion Ratio Lower Upper
 146 100
 111 44.0 19.1 57.1
 148 63.7 31.4 94.3





#89
n-Butylbenzene
Concen: 53.756 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

Instrument :

MSVOA_N

ClientSampleId :

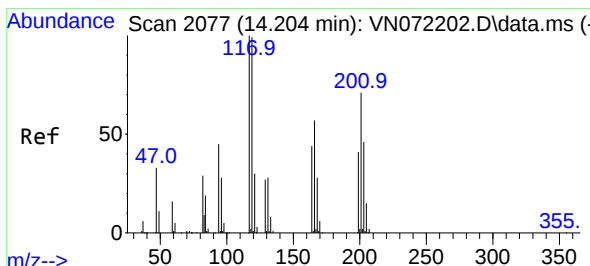
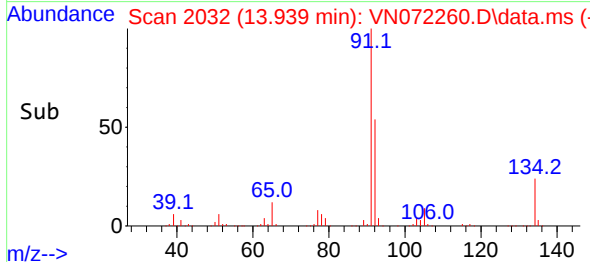
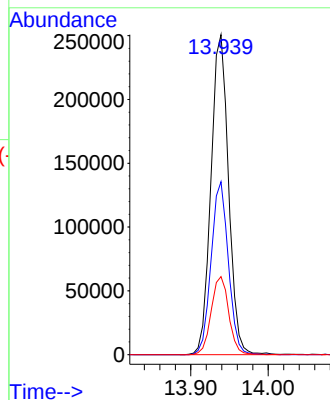
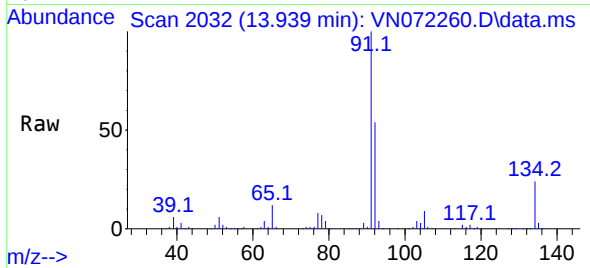
VSTDCCC050

Tgt Ion: 91 Resp: 395725
Ion Ratio Lower Upper
91 100
92 53.1 26.9 80.7
134 24.4 13.6 40.8

Manual Integrations

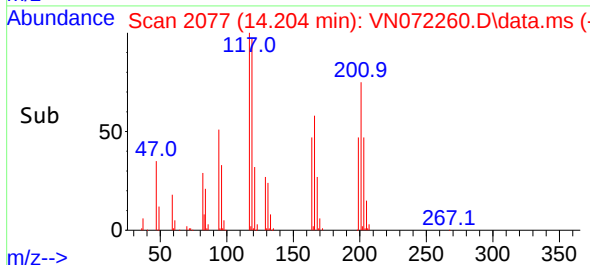
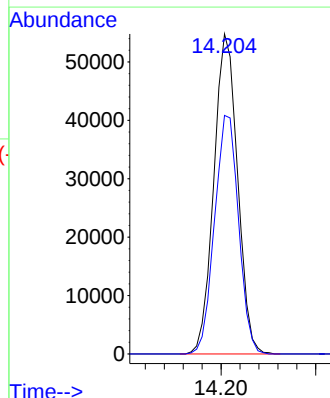
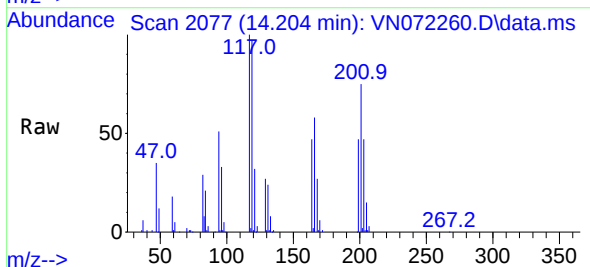
APPROVED

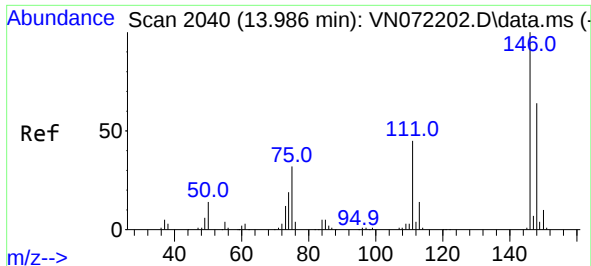
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022



#90
Hexachloroethane
Concen: 45.646 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

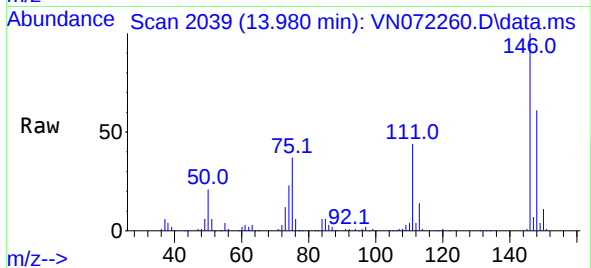
Tgt Ion:117 Resp: 95231
Ion Ratio Lower Upper
117 100
201 75.5 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 48.652 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. -0.006 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

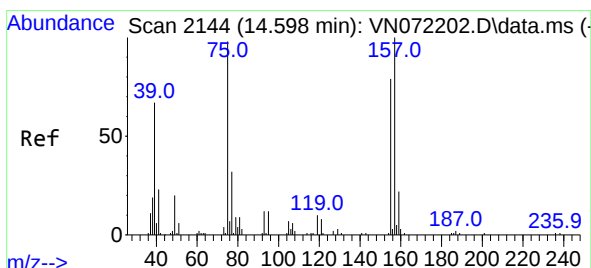
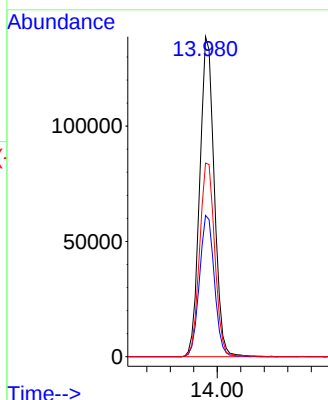
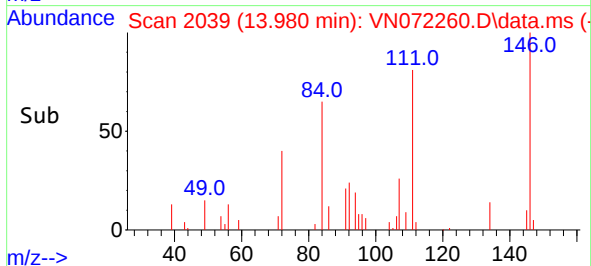
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



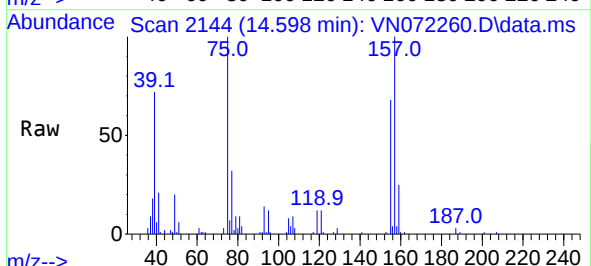
Tgt Ion:146 Resp: 237338
Ion Ratio Lower Upper
146 100
111 45.4 20.9 62.8
148 63.0 32.1 96.3

Manual Integrations
APPROVED

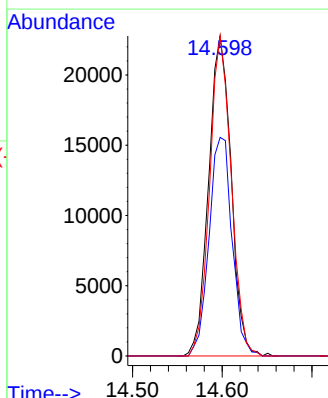
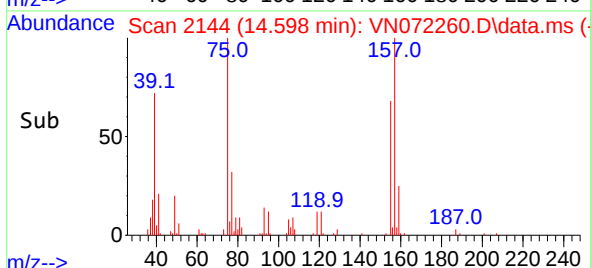
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022

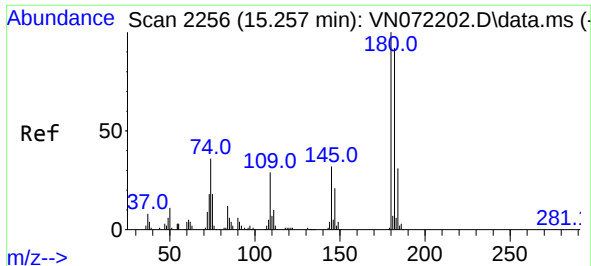


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.329 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17



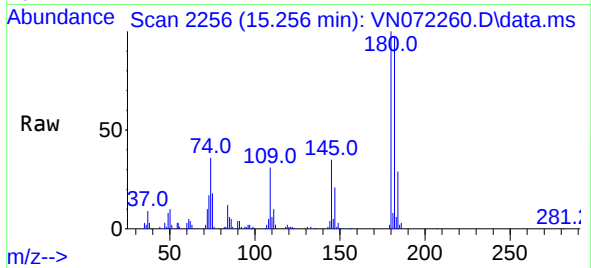
Tgt Ion: 75 Resp: 39646
Ion Ratio Lower Upper
75 100
155 70.1 44.9 134.5
157 95.9 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 47.268 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

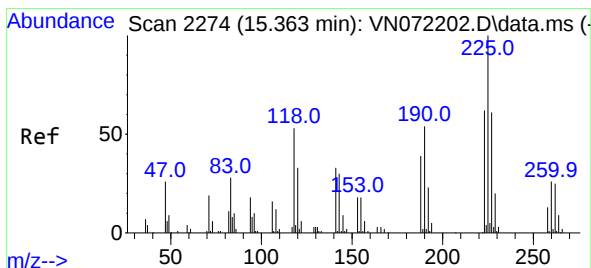
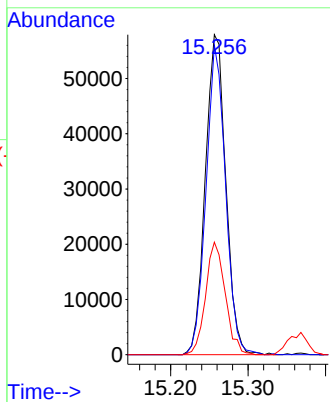
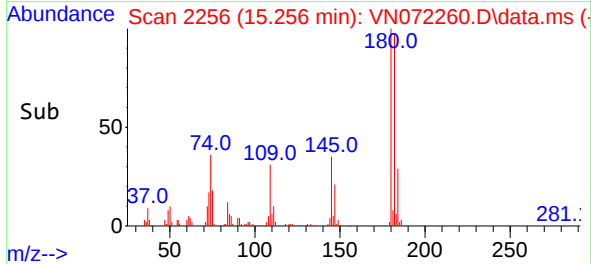
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



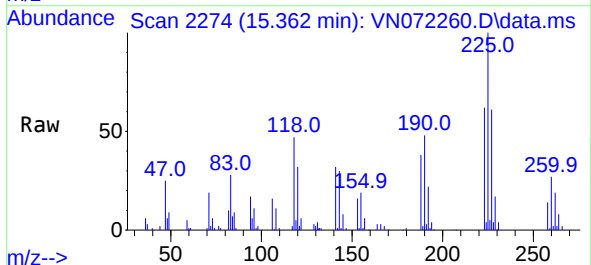
Tgt Ion:180 Resp: 10628
Ion Ratio Lower Upper
180 100
182 92.2 47.5 142.5
145 33.8 14.5 43.5

Manual Integrations
APPROVED

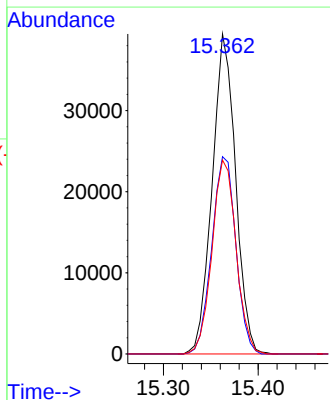
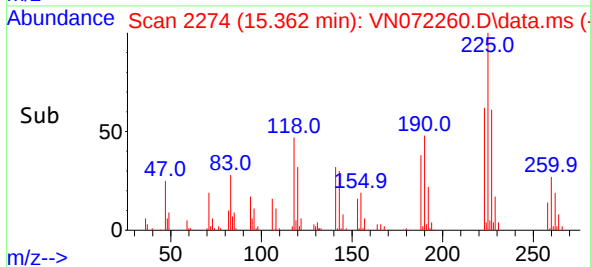
Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022

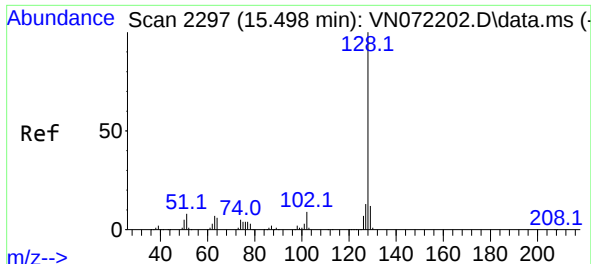


#94
Hexachlorobutadiene
Concen: 51.806 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17



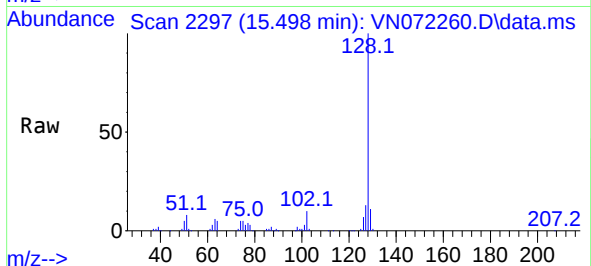
Tgt Ion:225 Resp: 67722
Ion Ratio Lower Upper
225 100
223 63.4 32.4 97.2
227 62.3 31.8 95.4





#95
Naphthalene
Concen: 41.310 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

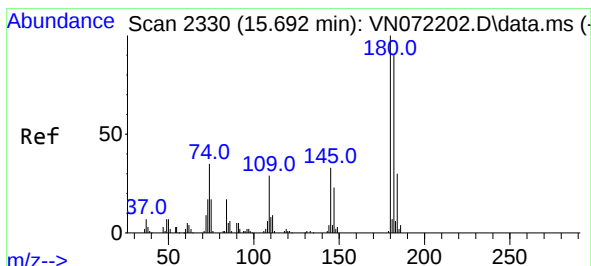
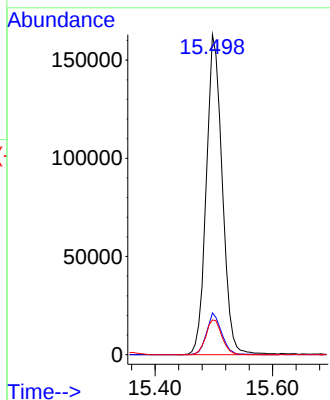
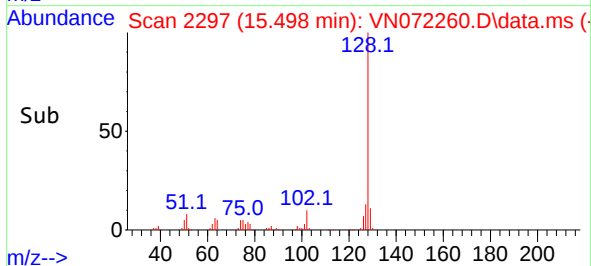
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 307080
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2022
Supervised By :Mahesh Dadoda 05/02/2022



#96
1,2,3-Trichlorobenzene
Concen: 46.390 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072260.D
Acq: 29 Apr 2022 10:17

Tgt Ion:180 Resp: 103805
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.3
145 35.8 15.5 46.5

