

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111521\
 Data File : VN069483.D
 Acq On : 15 Nov 2021 10:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/16/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 16 00:46:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	1154966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1889212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1798026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	806232	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.434	65	863298	51.551	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.100%	
35) Dibromofluoromethane	8.019	113	612293	54.038	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 108.080%	
50) Toluene-d8	10.440	98	2408127	54.038	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 108.080%	
62) 4-Bromofluorobenzene	12.731	95	913807	55.819	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 111.640%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.073	85	630436	51.093	ug/l	99
3) Chloromethane	2.303	50	656426	45.872	ug/l	99
4) Vinyl Chloride	2.448	62	683715	47.718	ug/l	98
5) Bromomethane	2.845	94	390978	42.015	ug/l	98
6) Chloroethane	3.017	64	428005	44.255	ug/l	97
7) Trichlorofluoromethane	3.376	101	1024051	46.244	ug/l	99
8) Diethyl Ether	3.821	74	357010	49.829	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.207	101	542838	52.039	ug/l	94
10) Methyl Iodide	4.417	142	662410	51.774	ug/l	97
11) Tert butyl alcohol	5.374	59	658718	218.290	ug/l	100
12) 1,1-Dichloroethene	4.178	96	470786	50.292	ug/l	88
13) Acrolein	4.041	56	105027	245.665	ug/l	100
14) Allyl chloride	4.840	41	1063647	51.393	ug/l	96
15) Acrylonitrile	5.551	53	1927240	249.396	ug/l	99
16) Acetone	4.285	43	2367097	261.980	ug/l	97
17) Carbon Disulfide	4.527	76	1069254	48.322	ug/l	99
18) Methyl Acetate	4.854	43	1374724	46.805	ug/l	93
19) Methyl tert-butyl Ether	5.615	73	2086561	52.669	ug/l	97
20) Methylene Chloride	5.093	84	616338	48.105	ug/l	87
21) trans-1,2-Dichloroethene	5.594	96	533911	51.065	ug/l	87
22) Diisopropyl ether	6.493	45	2385411	53.506	ug/l	96
23) Vinyl Acetate	6.431	43	9162945	265.736	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1185741	52.218	ug/l	99
25) 2-Butanone	7.335	43	3119911	255.006	ug/l	93
26) 2,2-Dichloropropane	7.324	77	983295	55.345	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	683382	52.726	ug/l	88
28) Bromochloromethane	7.656	49	610356	52.487	ug/l #	81
29) Tetrahydrofuran	7.683	42	1848300	246.174	ug/l	90
30) Chloroform	7.815	83	1227315	52.721	ug/l	100
31) Cyclohexane	8.094	56	1092534	47.753	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	1042409	53.645	ug/l	97
36) 1,1-Dichloropropene	8.220	75	867241	54.556	ug/l	97
37) Ethyl Acetate	7.410	43	1132480	52.701	ug/l	95
38) Carbon Tetrachloride	8.204	117	857765	55.891	ug/l	99
39) Methylcyclohexane	9.459	83	1065457	53.879	ug/l	92
40) Benzene	8.458	78	2620307	53.403	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	561776	50.595	ug/l	91
42) 1,2-Dichloroethane	8.528	62	1031094	53.667	ug/l	98
43) Isopropyl Acetate	8.560	43	1832358	53.088	ug/l	95
44) Trichloroethene	9.215	130	645414	54.961	ug/l	91
45) 1,2-Dichloropropane	9.488	63	727551	55.498	ug/l	99
46) Dibromomethane	9.577	93	469779	53.501	ug/l	92
47) Bromodichloromethane	9.762	83	948807	57.906	ug/l	99
48) Methyl methacrylate	9.558	41	840352	51.750	ug/l	91
49) 1,4-Dioxane	9.566	88	287913	898.767	ug/l	90
51) 4-Methyl-2-Pentanone	10.330	43	5971450	268.033	ug/l	96
52) Toluene	10.505	92	1665606	54.488	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	1013697	50.300	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	1091272	51.355	ug/l	90
55) 1,1,2-Trichloroethane	10.896	97	683496	55.469	ug/l	98
56) Ethyl methacrylate	10.760	69	1134445	48.900	ug/l	86
57) 1,3-Dichloropropane	11.044	76	1180553	54.522	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	1153153	198.308	ug/l	93
59) 2-Hexanone	11.084	43	4468489	237.944	ug/l	94
60) Dibromochloromethane	11.237	129	688808	50.885	ug/l	99
61) 1,2-Dibromoethane	11.344	107	691943	50.303	ug/l	99
64) Tetrachloroethene	10.977	164	597353	55.022	ug/l	95
65) Chlorobenzene	11.768	112	1809840	54.078	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	660976	56.940	ug/l	100
67) Ethyl Benzene	11.843	91	3402781	55.128	ug/l	96
68) m/p-Xylenes	11.953	106	2509246	110.532	ug/l	94
69) o-Xylene	12.280	106	1249975	55.231	ug/l	93
70) Styrene	12.294	104	2070832	50.933	ug/l	96
71) Bromoform	12.457	173	497722	49.422	ug/l #	100
73) Isopropylbenzene	12.578	105	3367795	52.464	ug/l	98
74) N-amyl acetate	12.387	43	1399075	51.428	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1069080	49.379	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	922279m	49.569	ug/l	
77) Bromobenzene	12.860	156	763447	52.002	ug/l	81
78) n-propylbenzene	12.919	91	3922504	54.305	ug/l	96
79) 2-Chlorotoluene	13.007	91	2330255	52.104	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	2771809	53.412	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	297867	47.926	ug/l	96
82) 4-Chlorotoluene	13.104	91	2296326	53.862	ug/l	93
83) tert-Butylbenzene	13.323	119	2463415	54.169	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	2720581	54.304	ug/l	98
85) sec-Butylbenzene	13.501	105	3507033	55.206	ug/l	97
86) p-Isopropyltoluene	13.616	119	2809415	55.709	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	1374731	54.010	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1323514	53.004	ug/l	98
89) n-Butylbenzene	13.943	91	2379532	56.582	ug/l	98
90) Hexachloroethane	14.211	117	470787	50.755	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1308059	54.007	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	189937	47.287	ug/l	81
93) 1,2,4-Trichlorobenzene	15.263	180	605477	47.854	ug/l	98
94) Hexachlorobutadiene	15.370	225	367665	58.423	ug/l	99
95) Naphthalene	15.504	128	1477587	42.060	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	575243	47.567	ug/l	98

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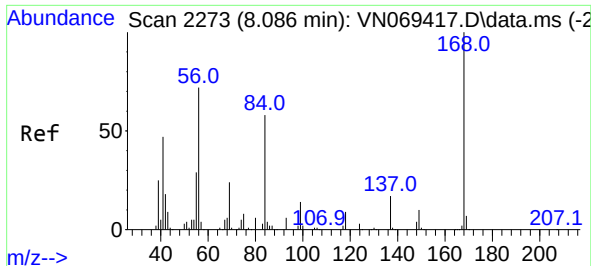
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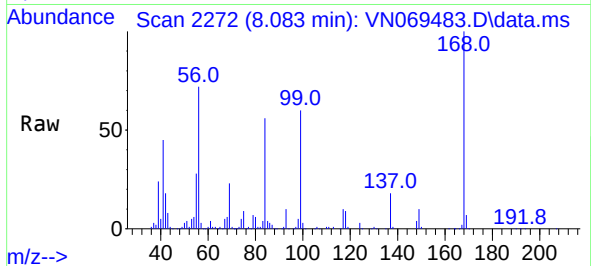
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
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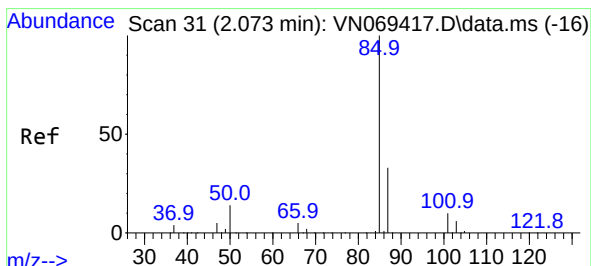
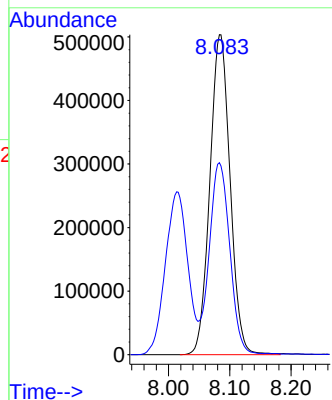
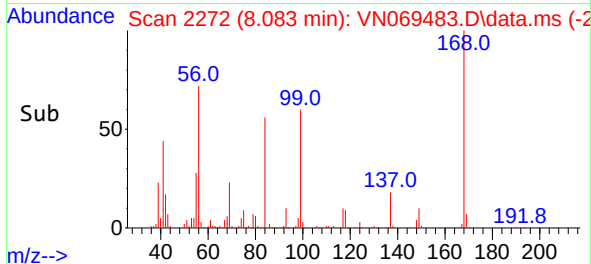
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 115496
Ion Ratio Lower Upper
168 100
99 59.7 41.3 61.9

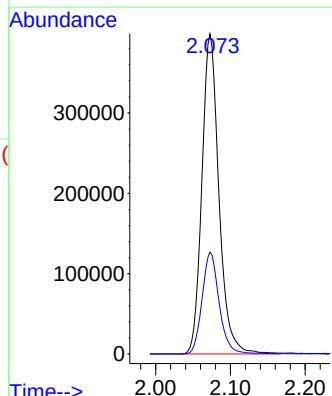
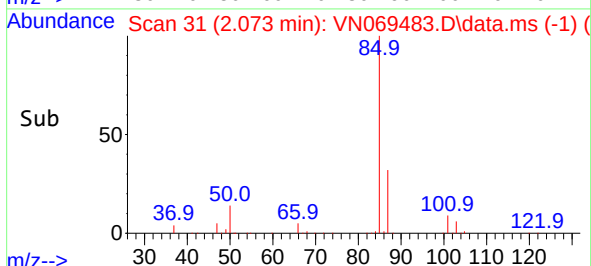
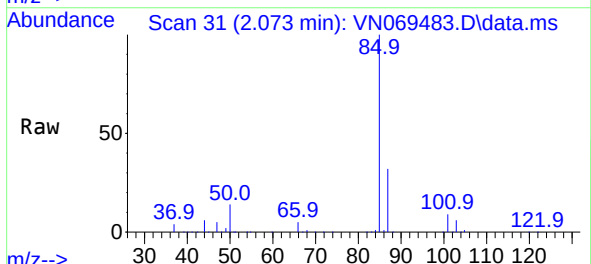
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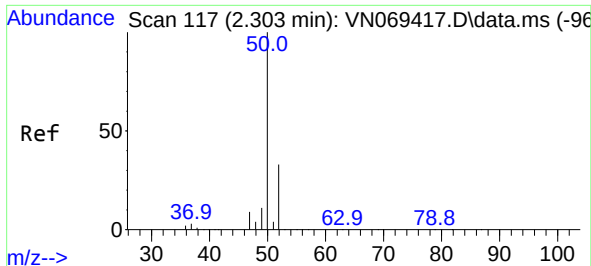
Reviewed By :John Carlone 11/16/2021
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#2
Dichlorodifluoromethane
Concen: 51.093 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

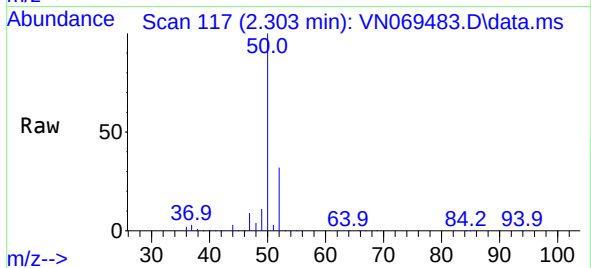
Tgt Ion: 85 Resp: 630436
Ion Ratio Lower Upper
85 100
87 31.8 16.3 48.9





#3
Chloromethane
Concen: 45.872 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

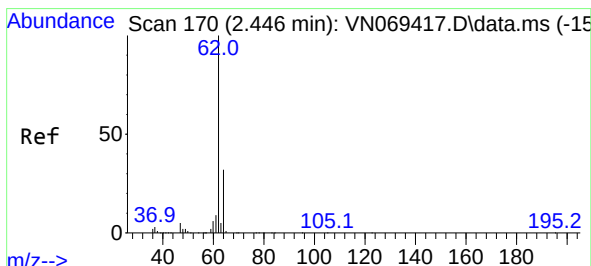
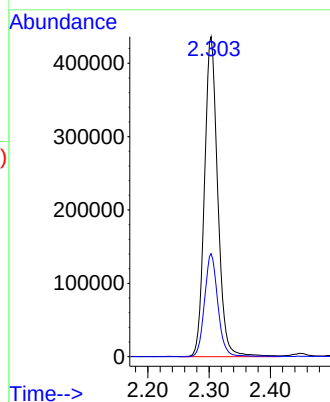
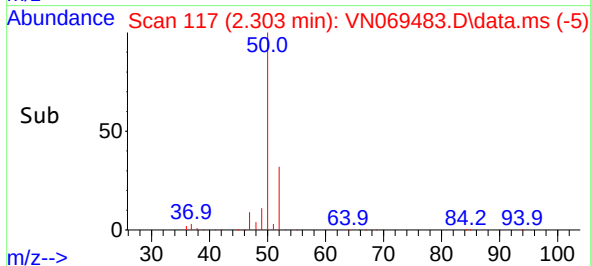
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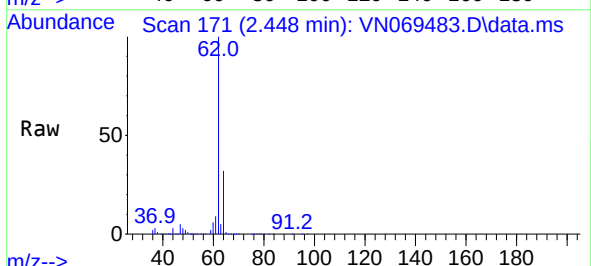
Tgt Ion: 50 Resp: 656420
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.0

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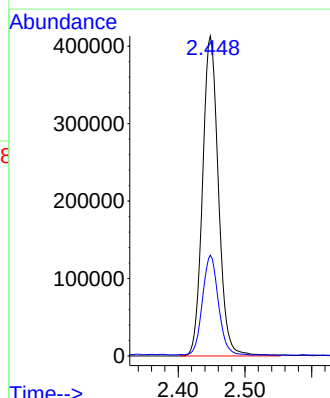
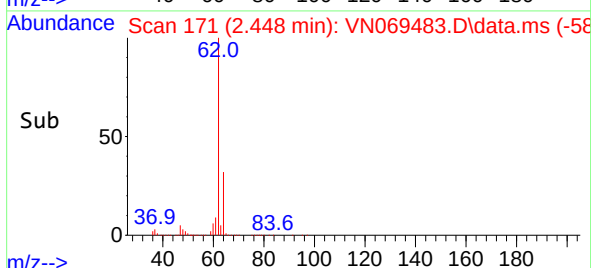
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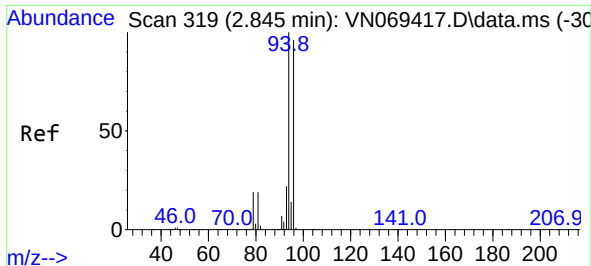


#4
Vinyl Chloride
Concen: 47.718 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.002 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29



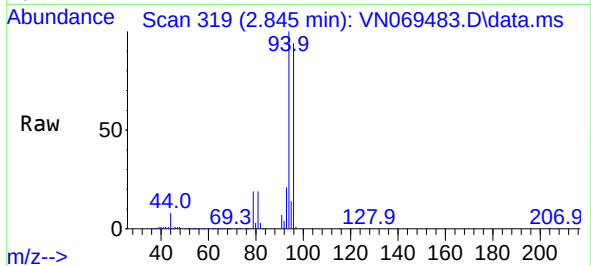
Tgt Ion: 62 Resp: 683715
Ion Ratio Lower Upper
62 100
64 31.3 25.8 38.6





#5
Bromomethane
Concen: 42.015 ug/l
RT: 2.845 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

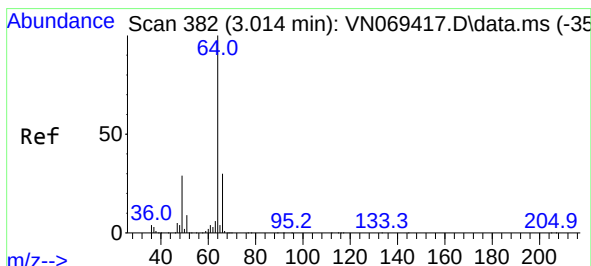
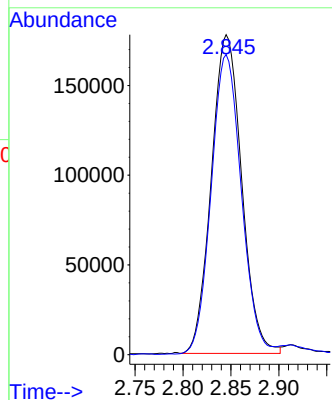
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 390978
Ion Ratio Lower Upper
94 100
96 93.8 73.8 110.8

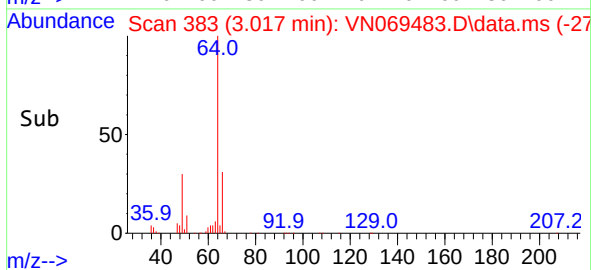
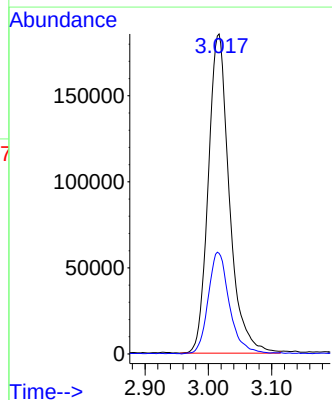
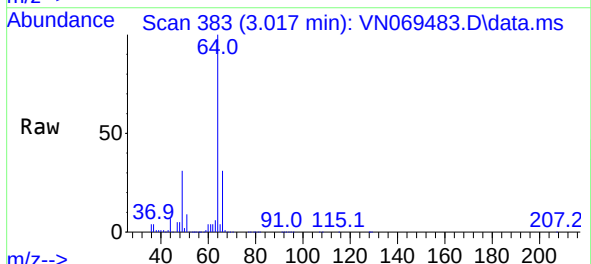
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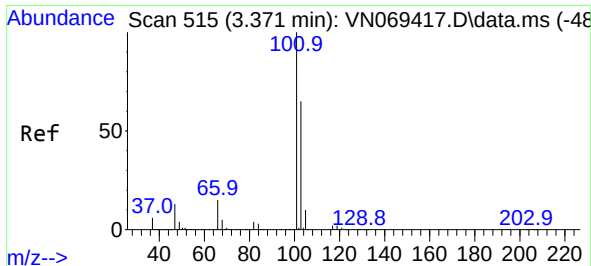
Reviewed By :John Carlone 11/16/2021
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#6
Chloroethane
Concen: 44.255 ug/l
RT: 3.017 min Scan# 383
Delta R.T. 0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

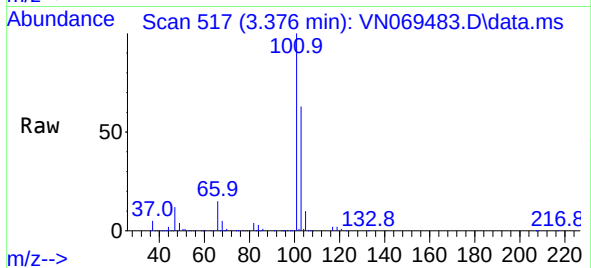
Tgt Ion: 64 Resp: 428005
Ion Ratio Lower Upper
64 100
66 31.4 26.3 39.5





#7
Trichlorofluoromethane
Concen: 46.244 ug/l
RT: 3.376 min Scan# 515
Delta R.T. 0.005 min
Lab File: VN069483.D
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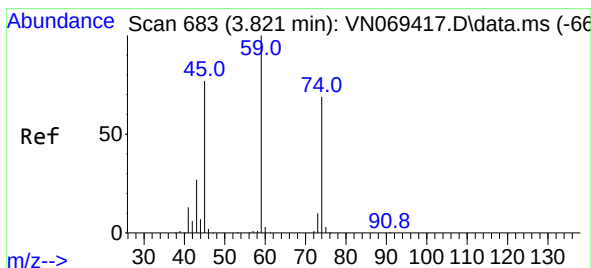
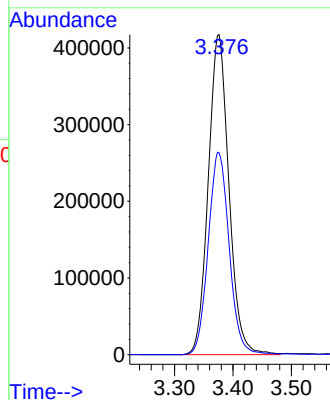
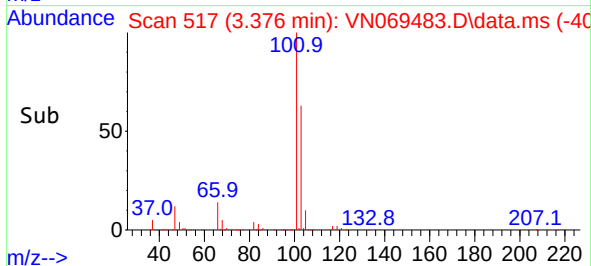
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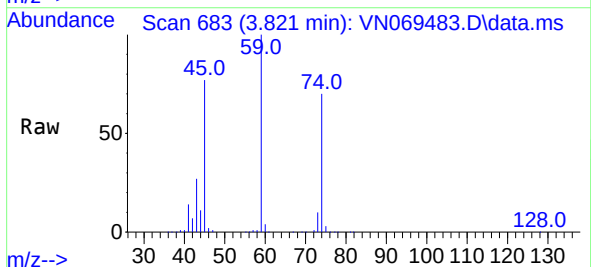
Tgt Ion:101 Resp: 102405
Ion Ratio Lower Upper
101 100
103 63.1 50.1 75.1

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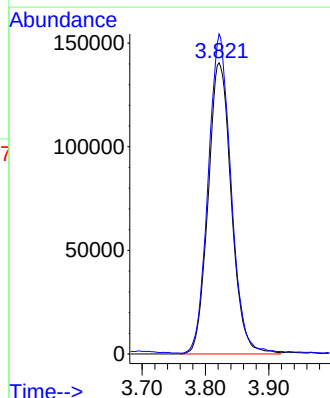
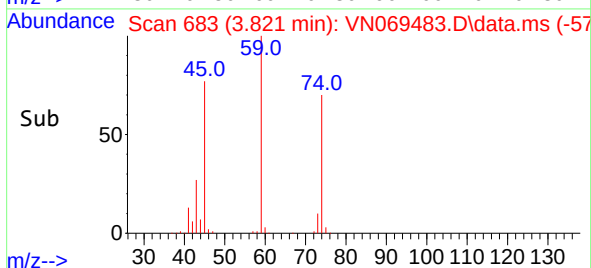
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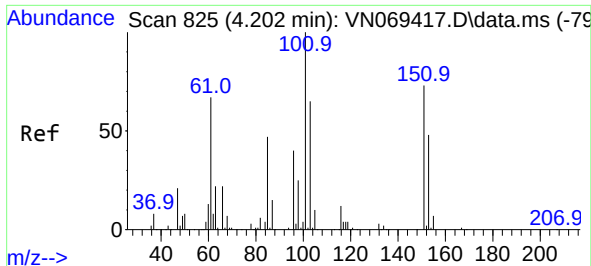


#8
Diethyl Ether
Concen: 49.829 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29



Tgt Ion: 74 Resp: 357010
Ion Ratio Lower Upper
74 100
45 106.6 47.0 141.2





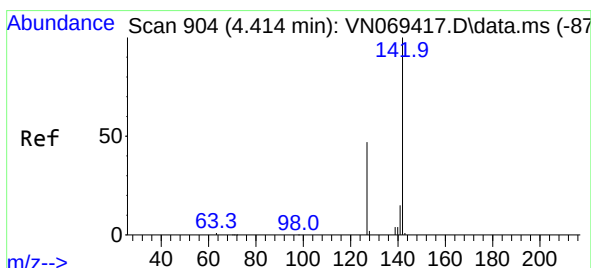
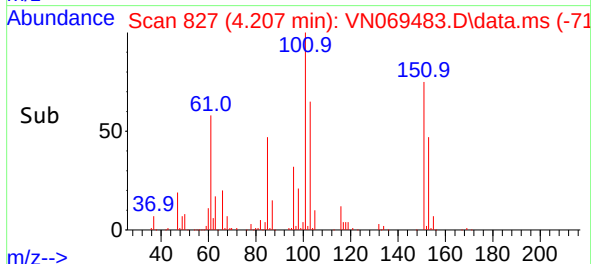
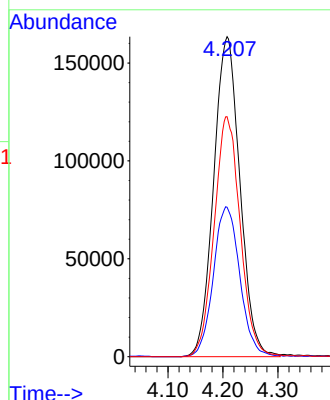
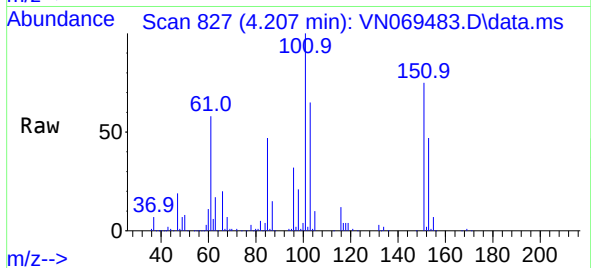
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.039 ug/l
RT: 4.207 min Scan# 81
Delta R.T. 0.005 min
Lab File: VN069483.D
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Tgt Ion:101 Resp: 542838
Ion Ratio Lower Upper
101 100
85 47.2 37.2 55.8
151 74.6 65.9 98.9

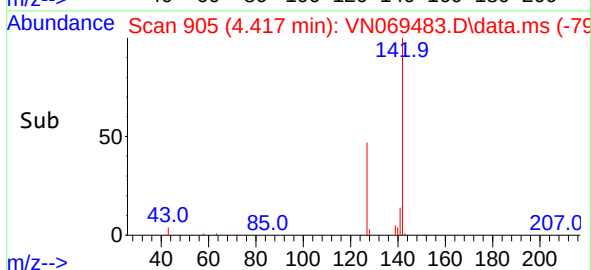
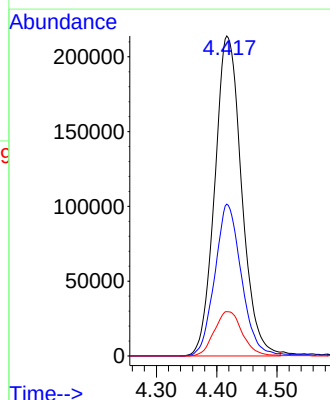
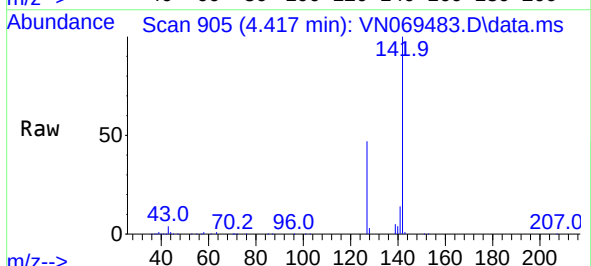
Manual Integrations
APPROVED

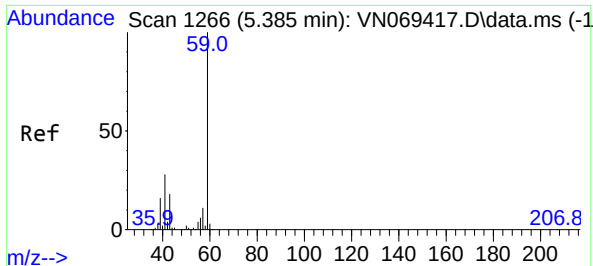
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 51.774 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

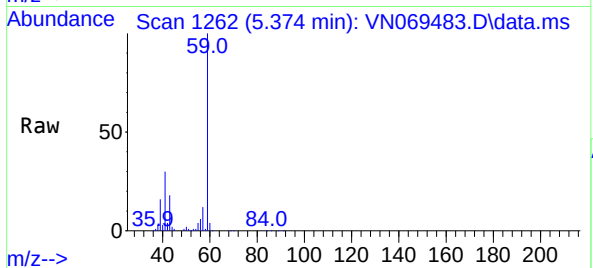
Tgt Ion:142 Resp: 662410
Ion Ratio Lower Upper
142 100
127 47.2 35.4 53.0
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 218.290 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

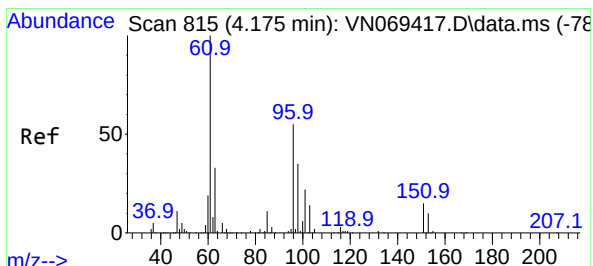
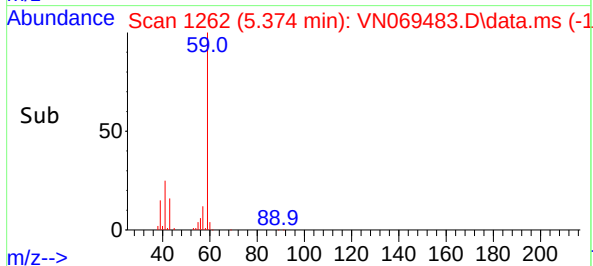
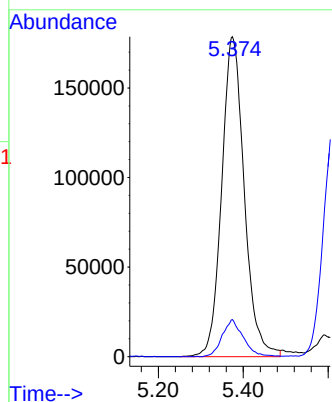
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 658718
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1

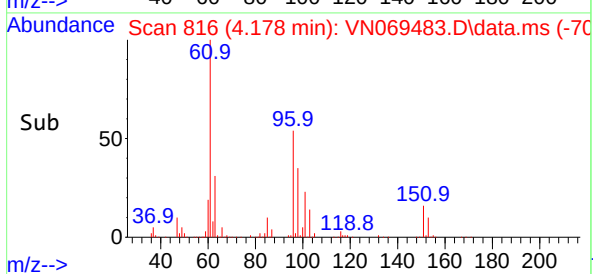
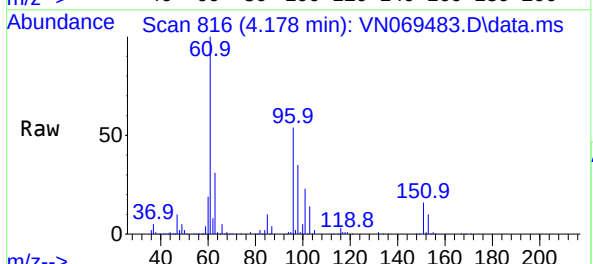
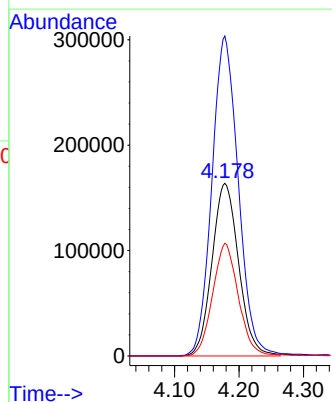
Manual Integrations
APPROVED

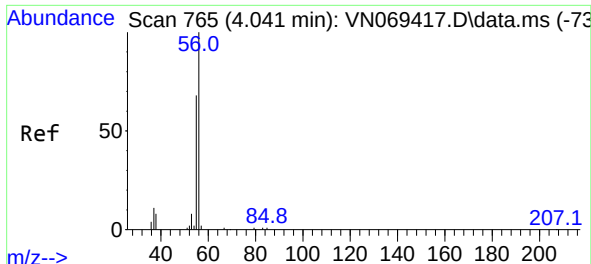
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#12
1,1-Dichloroethene
Concen: 50.292 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

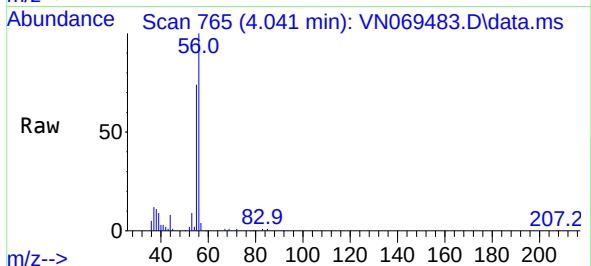
Tgt Ion: 96 Resp: 470786
Ion Ratio Lower Upper
96 100
61 185.2 131.0 196.6
98 65.2 52.4 78.6





#13
Acrolein
Concen: 245.665 ug/l
RT: 4.041 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

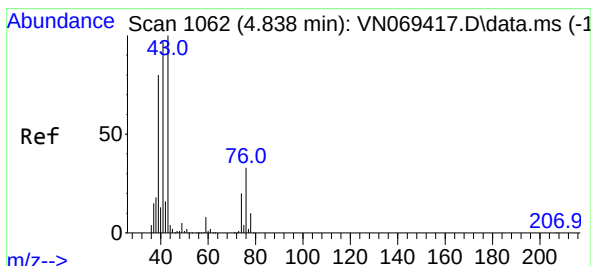
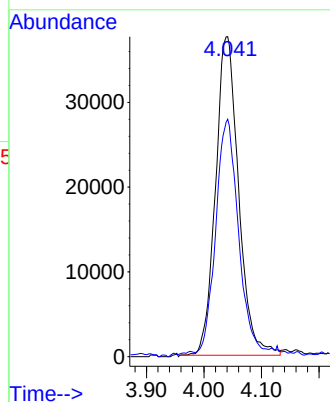
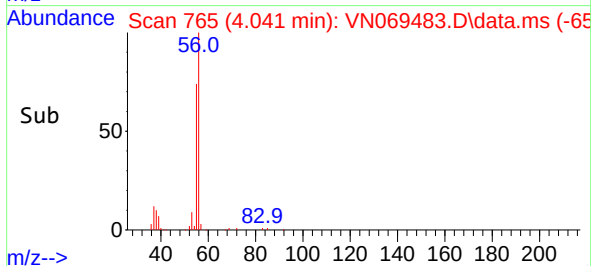
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



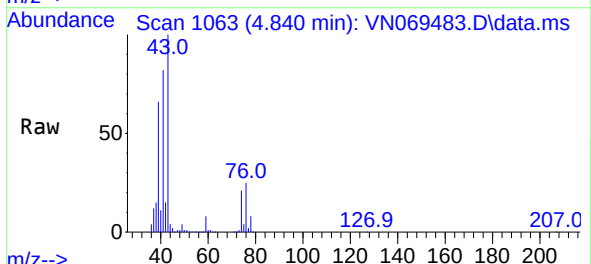
Tgt Ion: 56 Resp: 10502
Ion Ratio Lower Upper
56 100
55 70.5 56.6 85.0

Manual Integrations
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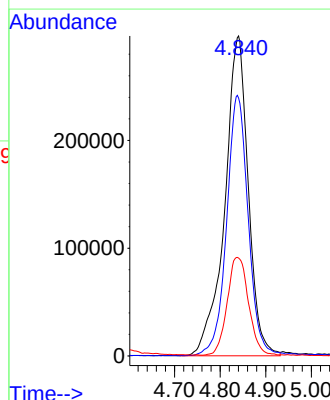
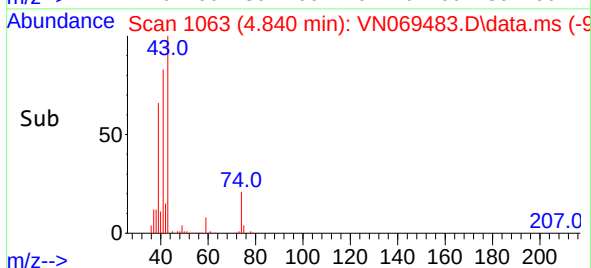
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

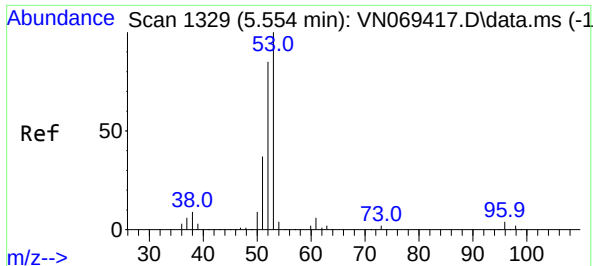


#14
Allyl chloride
Concen: 51.393 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.002 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29



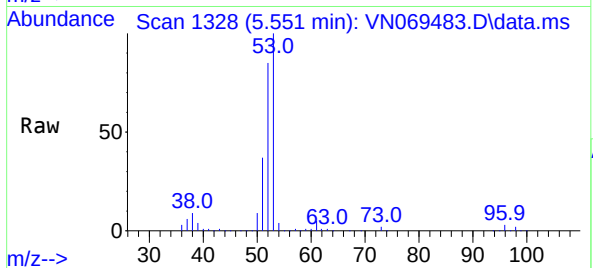
Tgt Ion: 41 Resp: 1063647
Ion Ratio Lower Upper
41 100
39 74.6 61.2 91.8
76 27.8 26.0 39.0





#15
Acrylonitrile
Concen: 249.396 ug/l
RT: 5.551 min Scan# 1329
Delta R.T. -0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

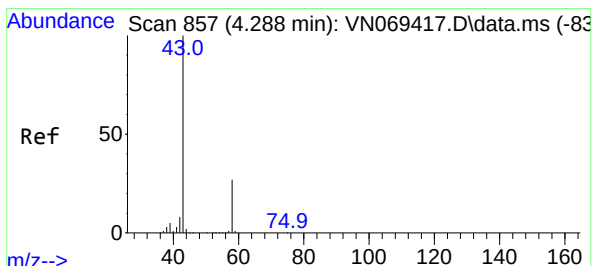
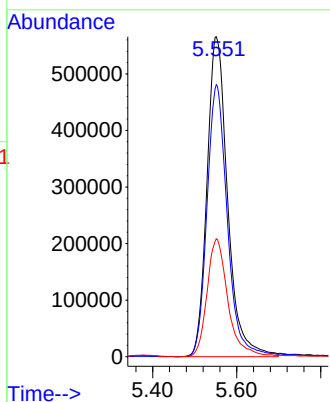
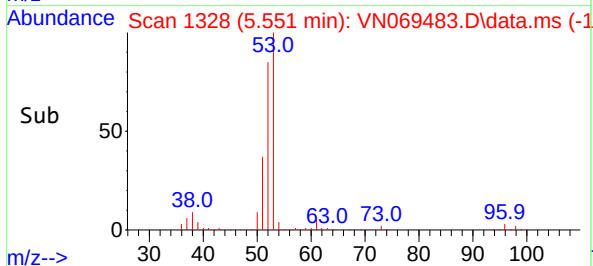
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 1927240
Ion Ratio Lower Upper
53 100
52 83.9 66.2 99.2
51 37.0 29.6 44.4

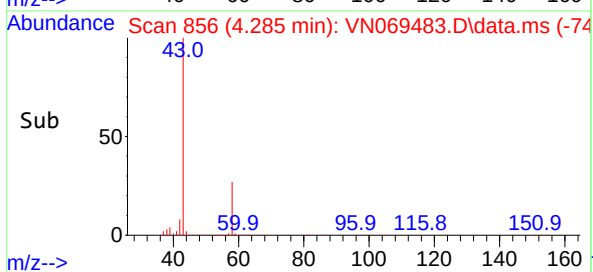
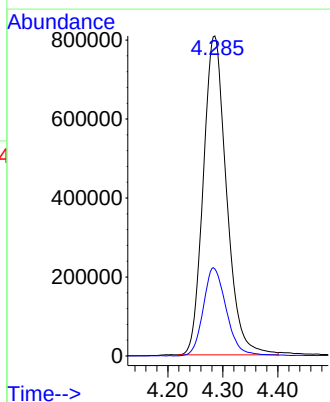
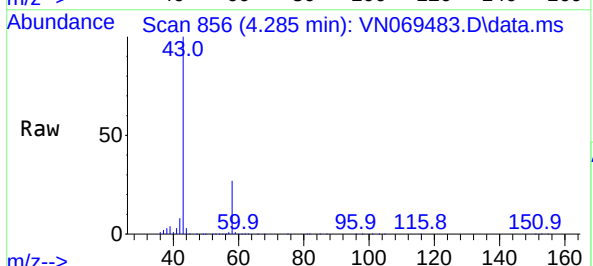
Manual Integrations
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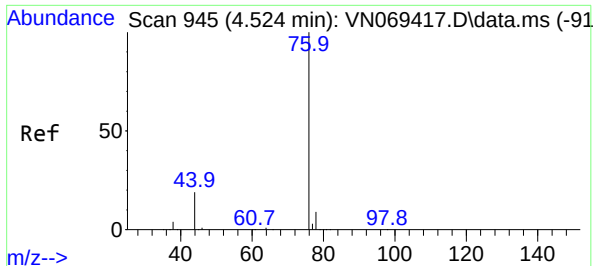
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#16
Acetone
Concen: 261.980 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

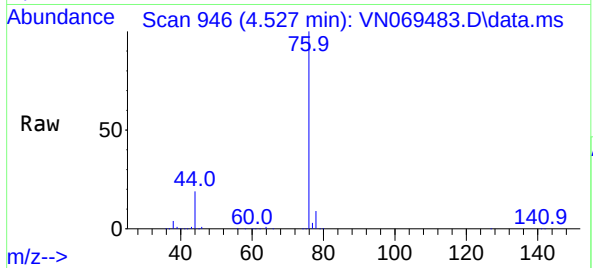
Tgt Ion: 43 Resp: 2367097
Ion Ratio Lower Upper
43 100
58 27.2 23.1 34.7





#17
Carbon Disulfide
Concen: 48.322 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

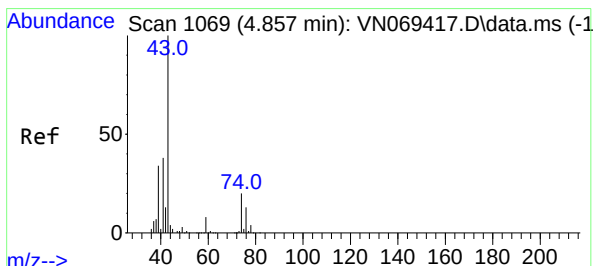
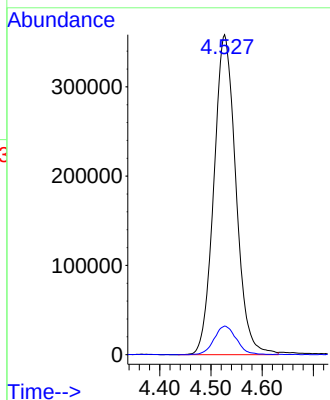
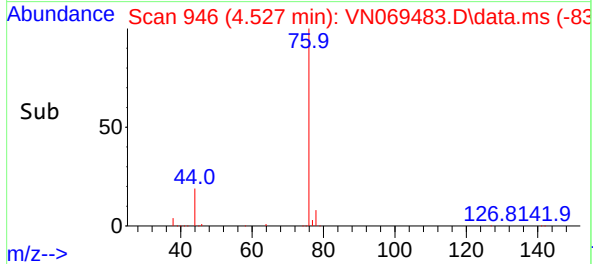
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



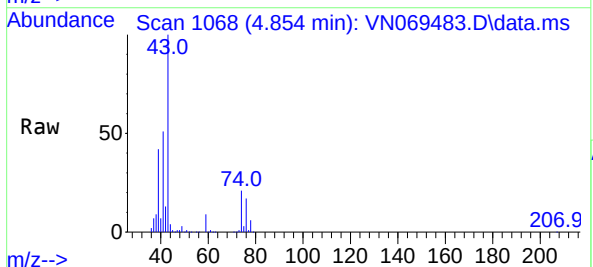
Tgt Ion: 76 Resp: 1069254
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

Manual Integrations
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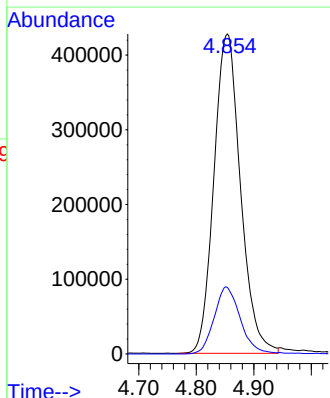
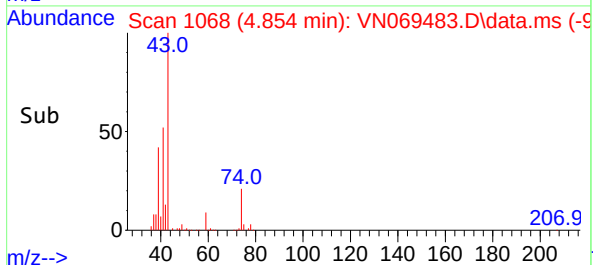
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

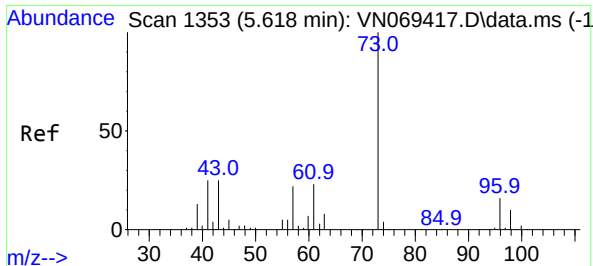


#18
Methyl Acetate
Concen: 46.805 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29



Tgt Ion: 43 Resp: 1374724
Ion Ratio Lower Upper
43 100
74 20.6 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 52.669 ug/l

RT: 5.615 min Scan# 11352

Delta R.T. -0.003 min

Lab File: VN069483.D

Acq: 15 Nov 2021 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 208656

Ion Ratio Lower Upper

73 100

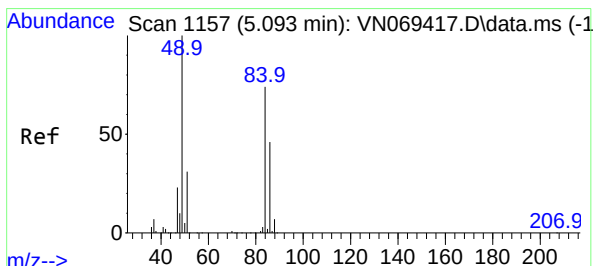
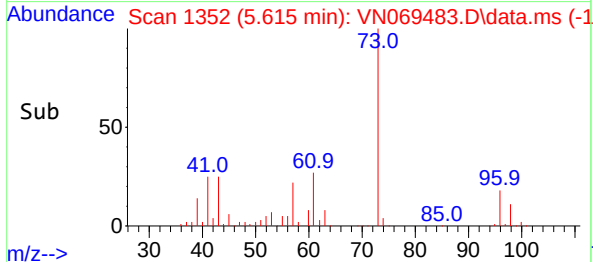
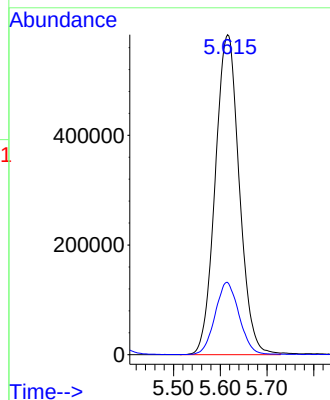
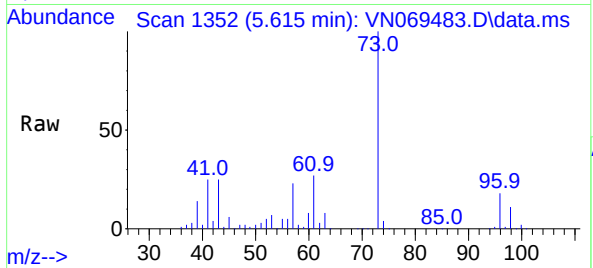
57 22.5 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#20

Methylene Chloride

Concen: 48.105 ug/l

RT: 5.093 min Scan# 1157

Delta R.T. -0.000 min

Lab File: VN069483.D

Acq: 15 Nov 2021 10:29

Tgt Ion: 84 Resp: 616338

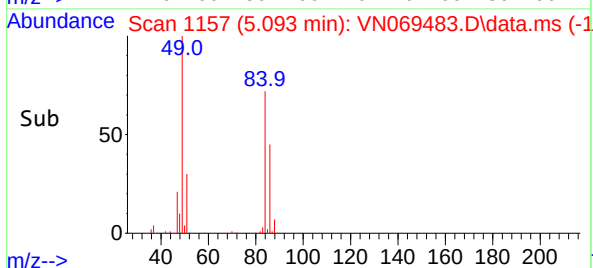
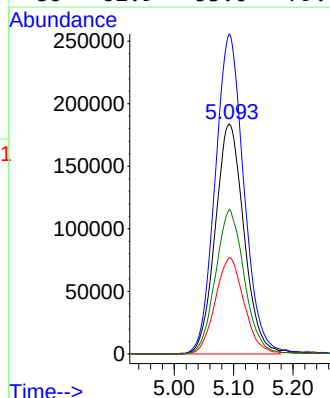
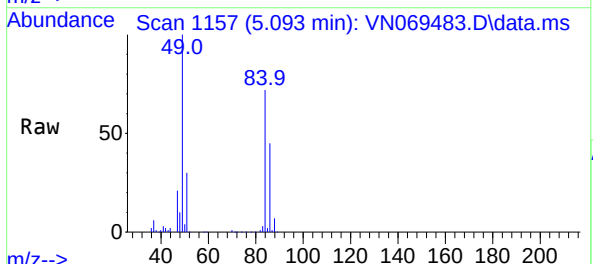
Ion Ratio Lower Upper

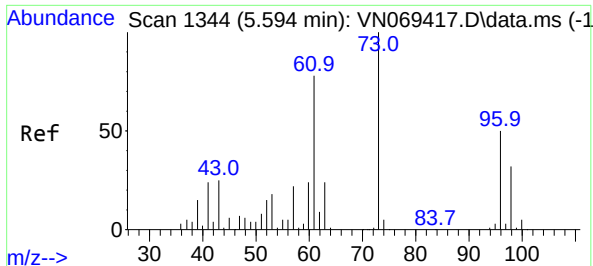
84 100

49 138.9 93.5 140.3

51 41.7 29.4 44.2

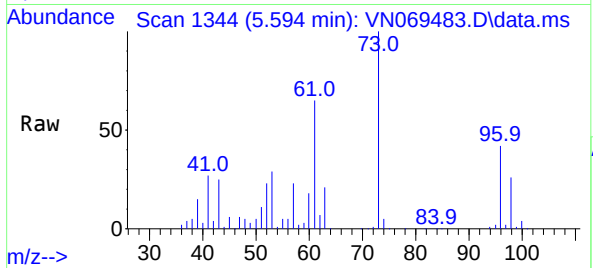
86 62.9 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 51.065 ug/l
RT: 5.594 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

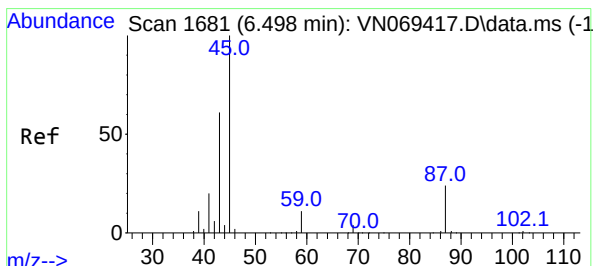
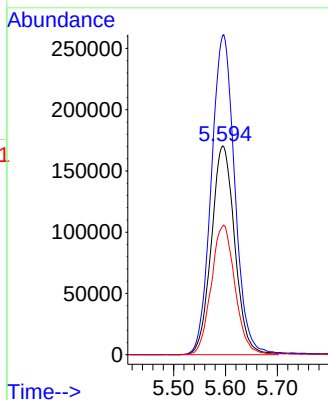
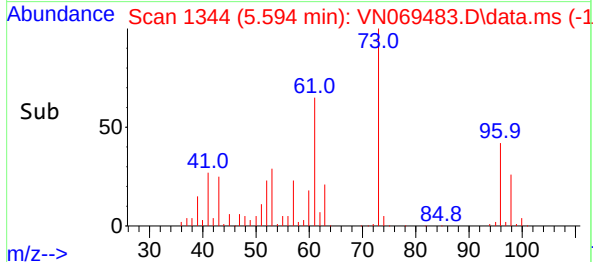
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



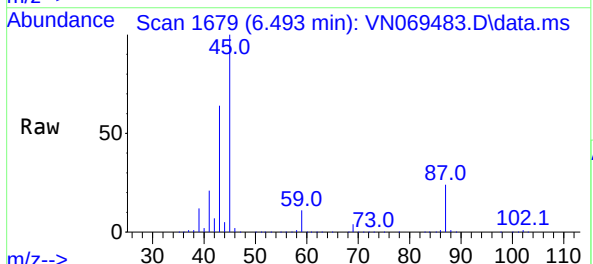
Tgt Ion: 96 Resp: 53391
Ion Ratio Lower Upper
96 100
61 152.9 105.8 158.6
98 61.4 52.0 78.0

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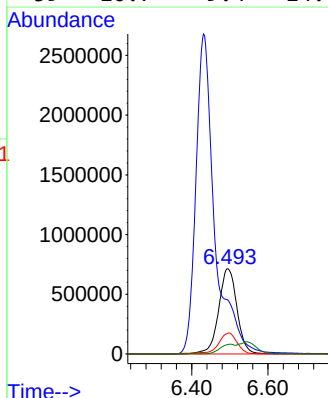
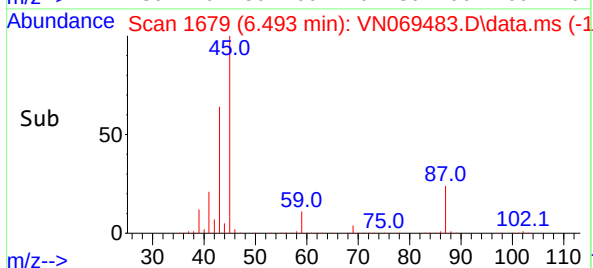
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

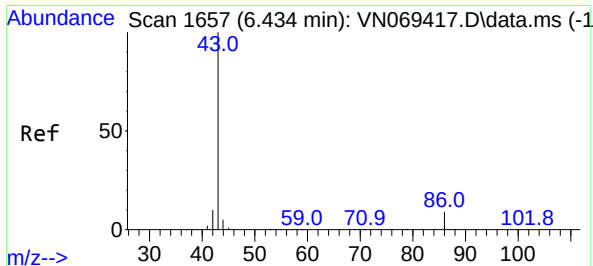


#22
Diisopropyl ether
Concen: 53.506 ug/l
RT: 6.493 min Scan# 1679
Delta R.T. -0.005 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29



Tgt Ion: 45 Resp: 2385411
Ion Ratio Lower Upper
45 100
43 63.4 51.7 77.5
87 23.7 23.2 34.8
59 10.7 9.4 14.0





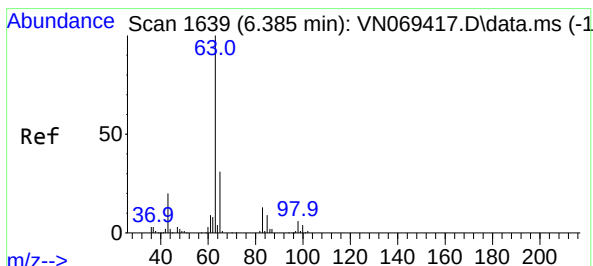
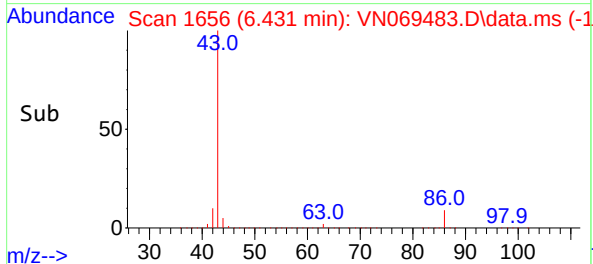
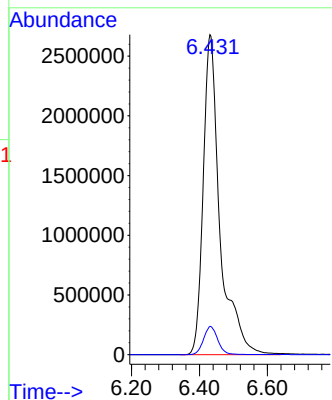
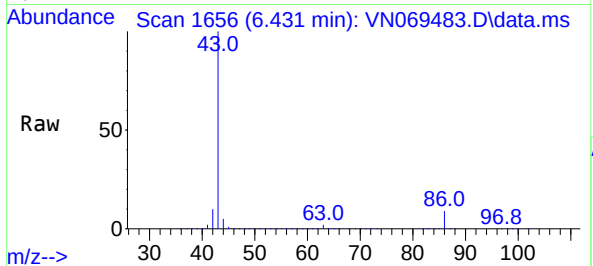
#23
 Vinyl Acetate
 Concen: 265.736 ug/l
 RT: 6.431 min Scan# 1656
 Delta R.T. -0.003 min
 Lab File: VN069483.D
 Acq: 15 Nov 2021 10:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 916294
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.5 12.7

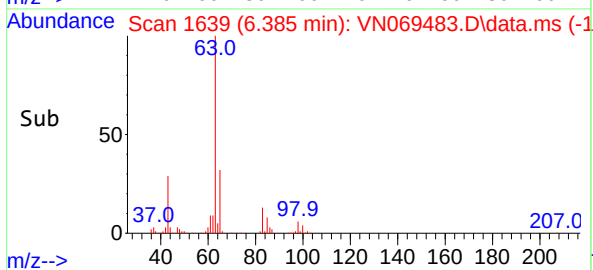
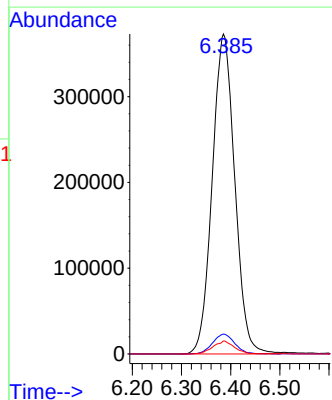
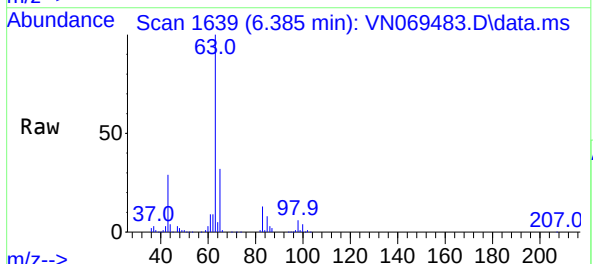
Manual Integrations
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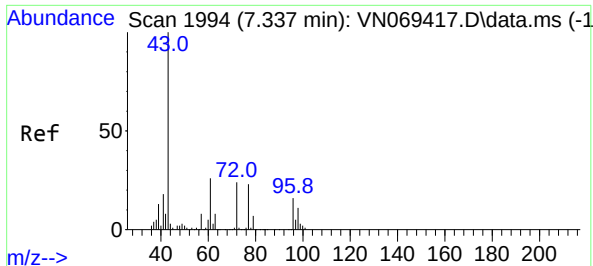
Reviewed By :John Carlone 11/16/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#24
 1,1-Dichloroethane
 Concen: 52.218 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VN069483.D
 Acq: 15 Nov 2021 10:29

Tgt Ion: 63 Resp: 1185741
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.9
 100 4.1 2.1 6.5





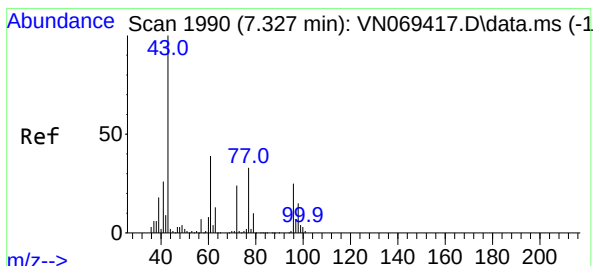
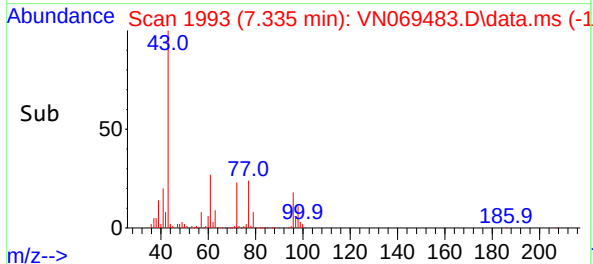
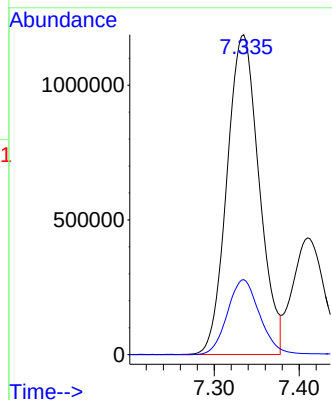
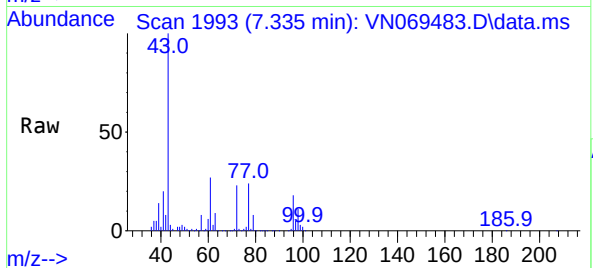
#25
2-Butanone
Concen: 255.006 ug/l
RT: 7.335 min Scan# 1994
Delta R.T. -0.002 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 311991
Ion Ratio Lower Upper
43 100
72 23.5 21.7 32.5

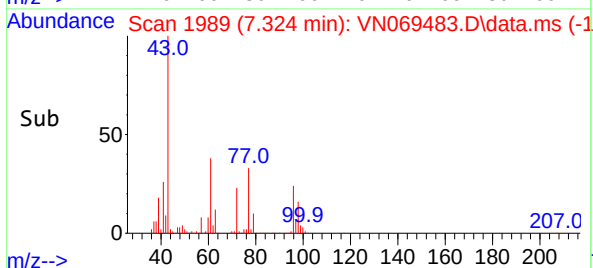
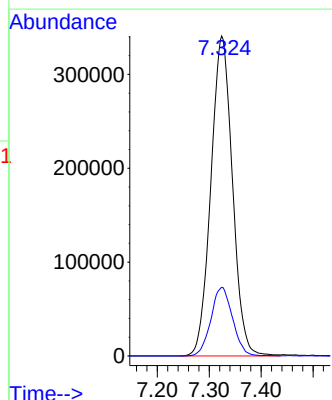
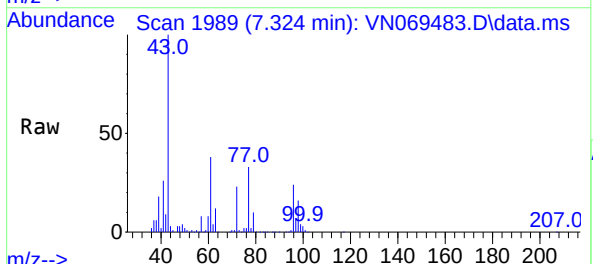
Manual Integrations
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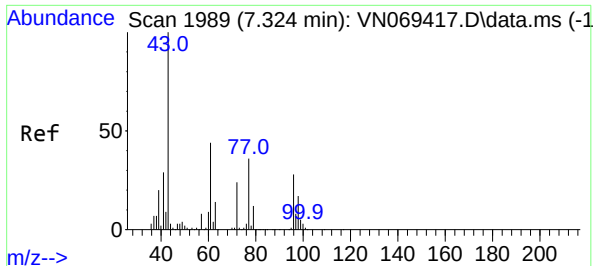
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#26
2,2-Dichloropropane
Concen: 55.345 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

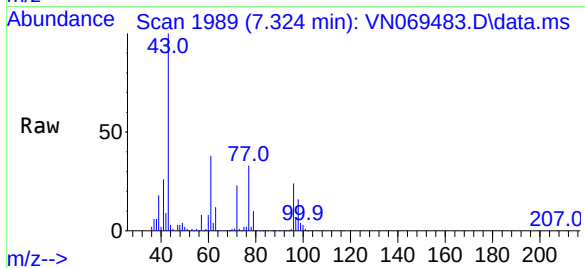
Tgt Ion: 77 Resp: 983295
Ion Ratio Lower Upper
77 100
97 21.5 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 52.726 ug/l
 RT: 7.324 min Scan# 1989
 Delta R.T. -0.000 min
 Lab File: VN069483.D
 Acq: 15 Nov 2021 10:29

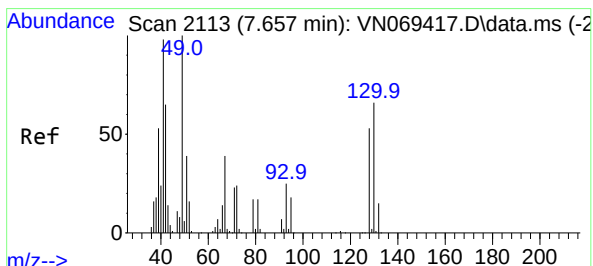
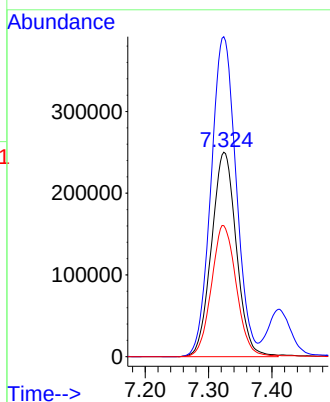
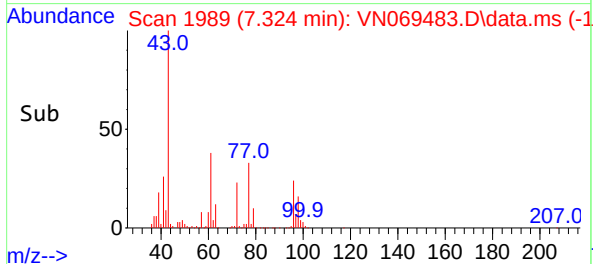
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 68338
 Ion Ratio Lower Upper
 96 100
 61 158.0 0.0 275.0
 98 64.1 0.0 129.6

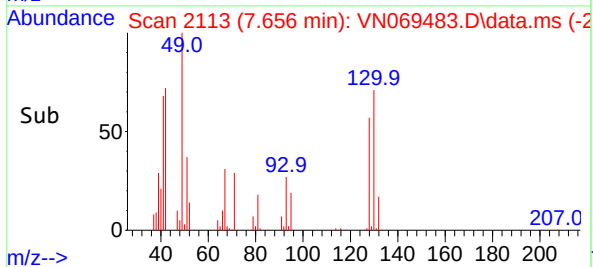
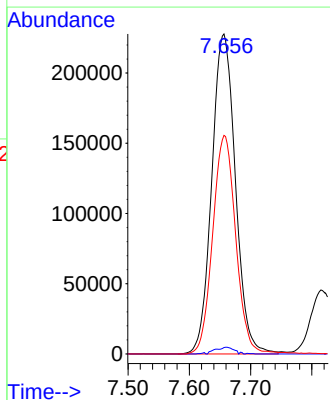
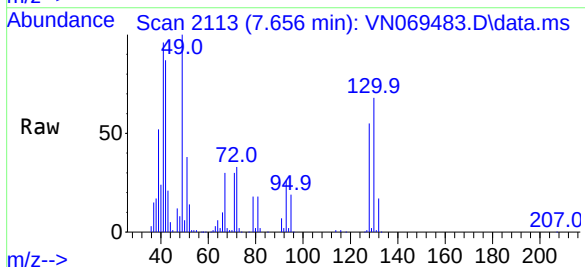
Manual Integrations
 APPROVED

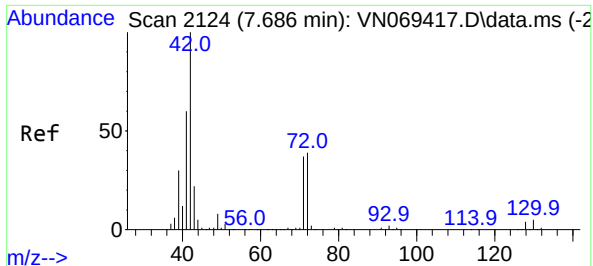
Reviewed By :John Carlone 11/16/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#28
 Bromochloromethane
 Concen: 52.487 ug/l
 RT: 7.656 min Scan# 2113
 Delta R.T. -0.001 min
 Lab File: VN069483.D
 Acq: 15 Nov 2021 10:29

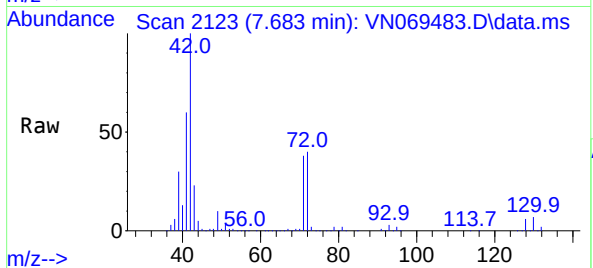
Tgt Ion: 49 Resp: 610356
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 66.7 67.8 101.8#





#29
Tetrahydrofuran
Concen: 246.174 ug/l
RT: 7.683 min Scan# 2123
Delta R.T. -0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

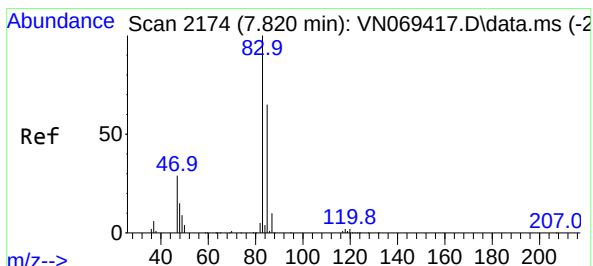
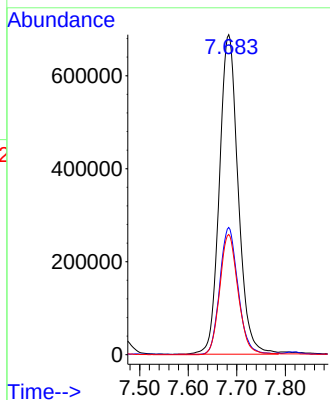
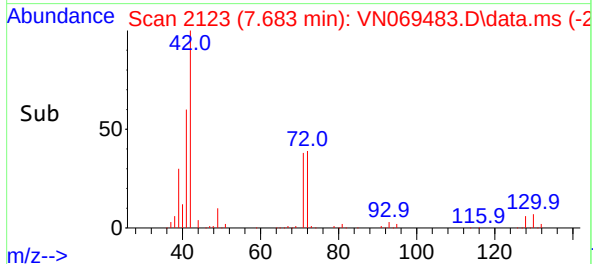
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



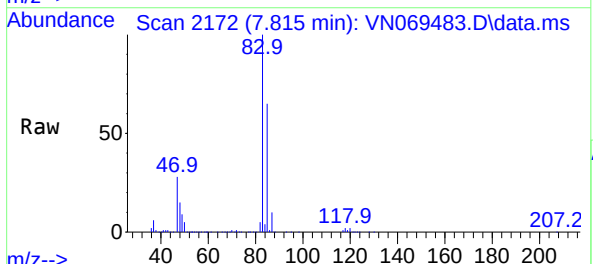
Tgt Ion: 42 Resp: 1848300
Ion Ratio Lower Upper
42 100
72 38.7 36.3 54.5
71 36.9 34.7 52.1

Manual Integrations
APPROVED

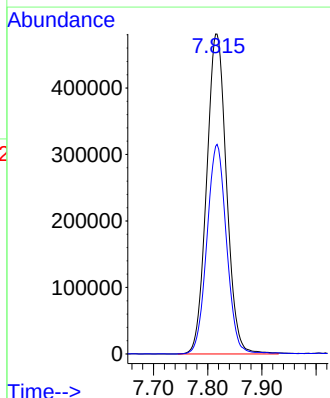
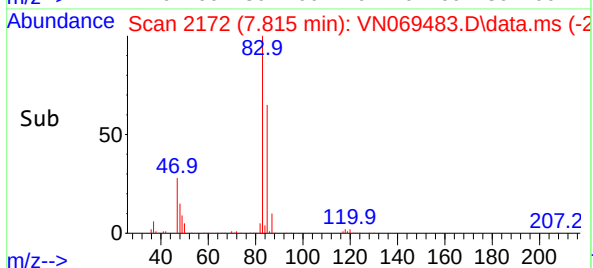
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

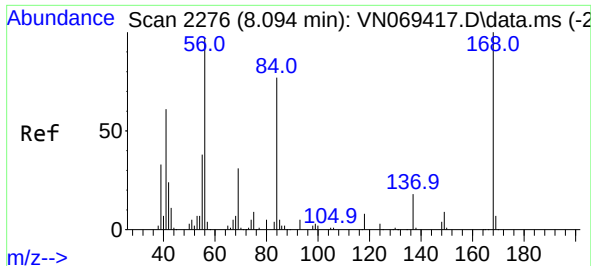


#30
Chloroform
Concen: 52.721 ug/l
RT: 7.815 min Scan# 2172
Delta R.T. -0.005 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29



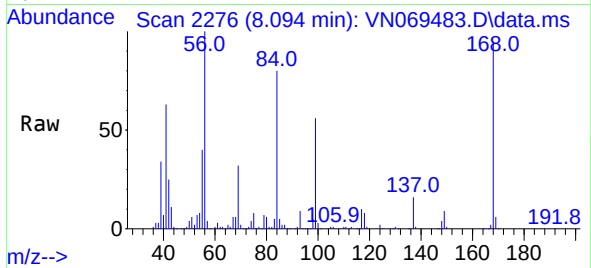
Tgt Ion: 83 Resp: 1227315
Ion Ratio Lower Upper
83 100
85 64.9 51.9 77.9





#31
Cyclohexane
Concen: 47.753 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

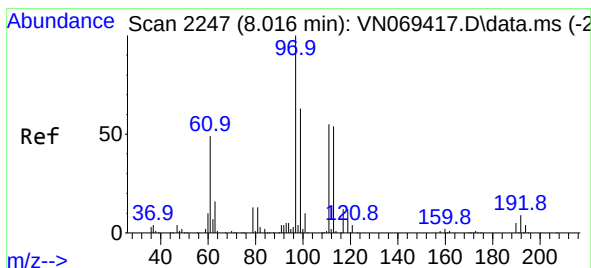
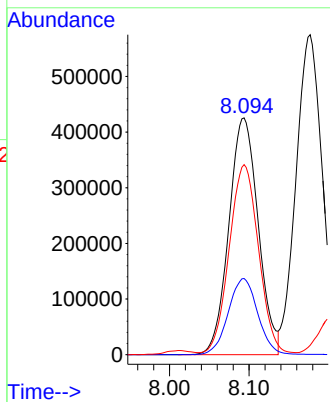
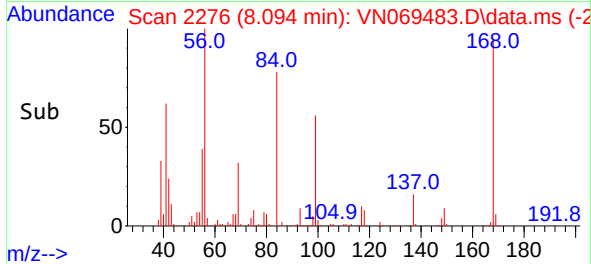
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



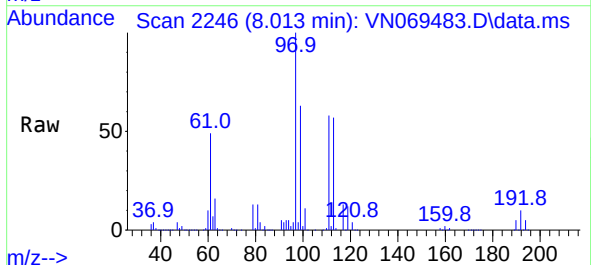
Tgt Ion: 56 Resp: 1092534
Ion Ratio Lower Upper
56 100
69 32.2 27.1 40.7
84 78.5 73.4 110.0

Manual Integrations
APPROVED

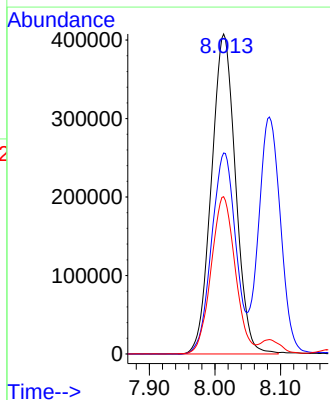
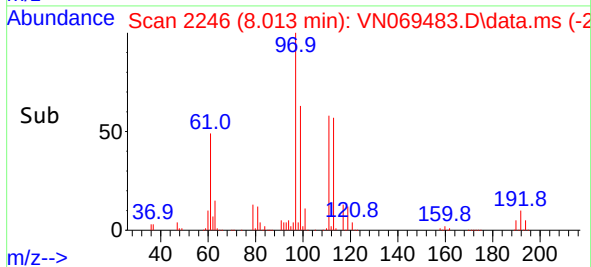
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

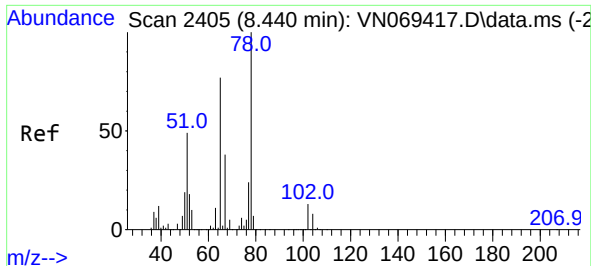


#32
1,1,1-Trichloroethane
Concen: 53.645 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29



Tgt Ion: 97 Resp: 1042409
Ion Ratio Lower Upper
97 100
99 62.6 50.1 75.1
61 49.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.551 ug/l

RT: 8.434 min Scan# 2405

Delta R.T. -0.006 min

Lab File: VN069483.D

Acq: 15 Nov 2021 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 863298

Ion Ratio Lower Upper

65 100

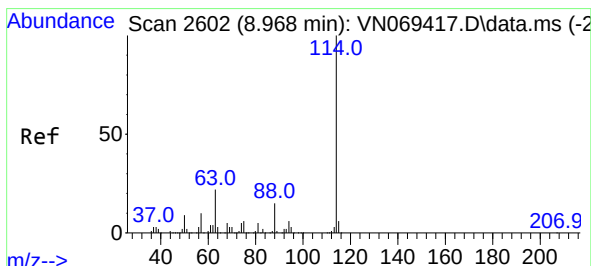
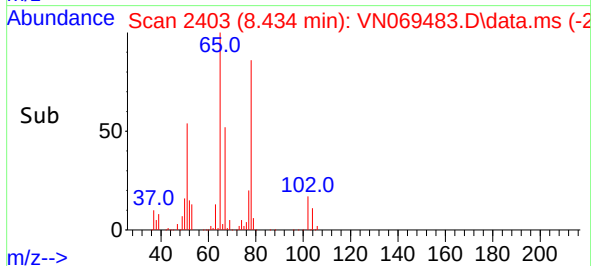
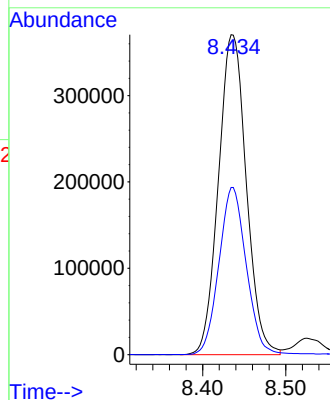
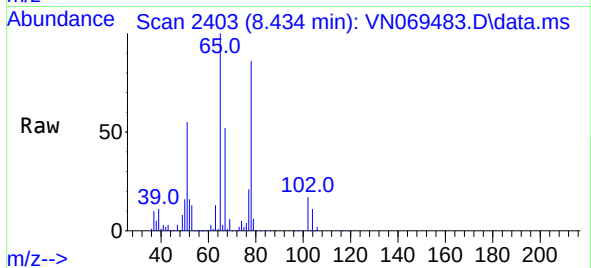
67 51.4 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN069483.D

Acq: 15 Nov 2021 10:29

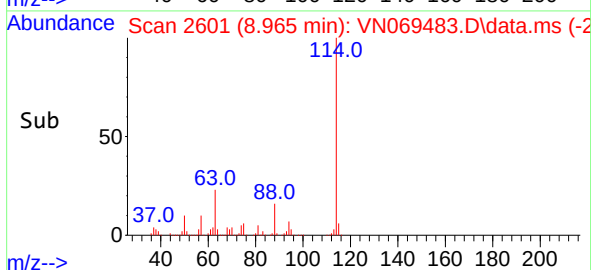
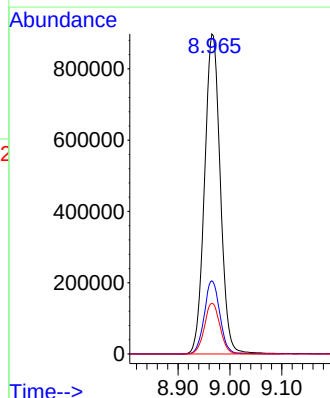
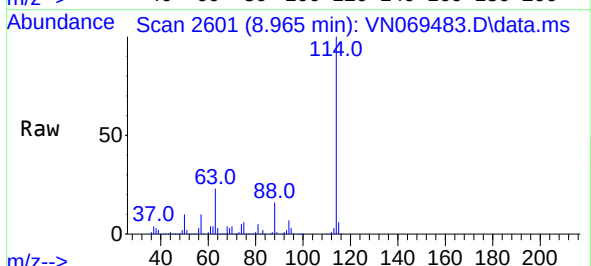
Tgt Ion:114 Resp: 1889212

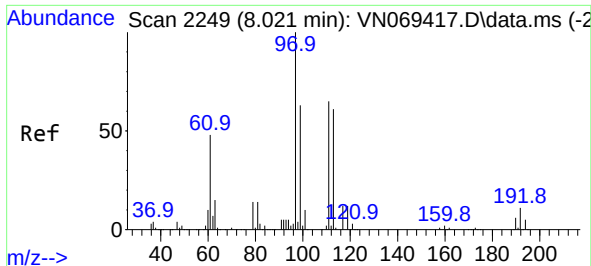
Ion Ratio Lower Upper

114 100

63 22.8 0.0 37.8

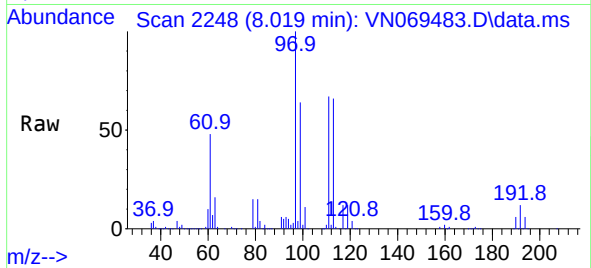
88 15.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 54.038 ug/l
RT: 8.019 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

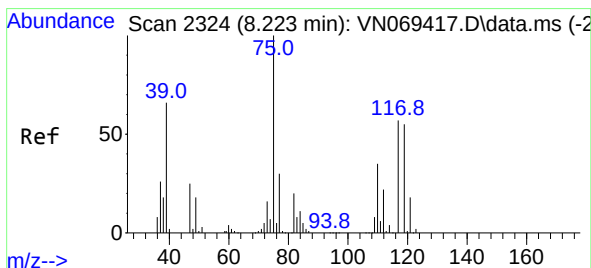
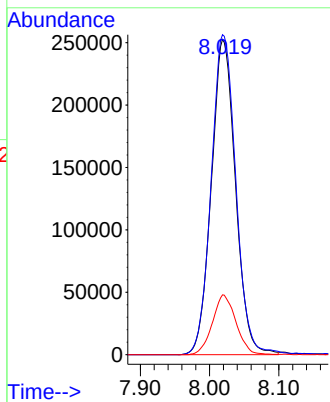
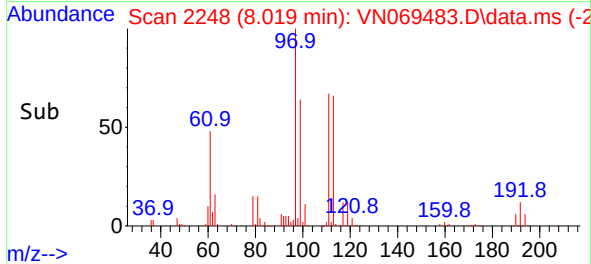
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



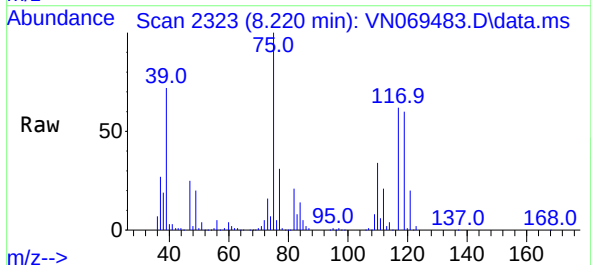
Tgt Ion:113 Resp: 61229
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 18.5 16.9 25.3

Manual Integrations
APPROVED

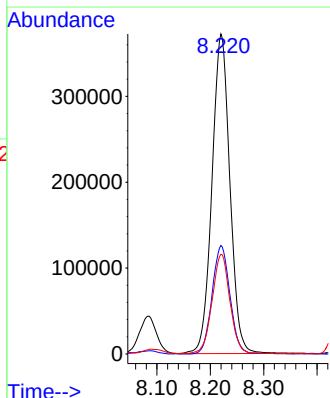
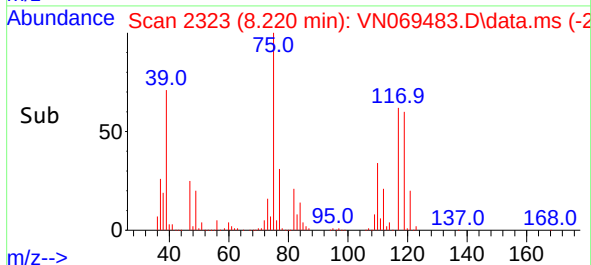
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

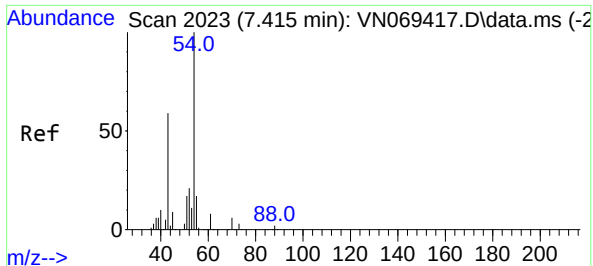


#36
1,1-Dichloropropene
Concen: 54.556 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29



Tgt Ion: 75 Resp: 867241
Ion Ratio Lower Upper
75 100
110 33.9 18.4 55.2
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 52.701 ug/l

RT: 7.410 min Scan# 20

Delta R.T. -0.005 min

Lab File: VN069483.D

Acq: 15 Nov 2021 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1132480

Ion Ratio Lower Upper

43 100

61 12.5 11.5 17.3

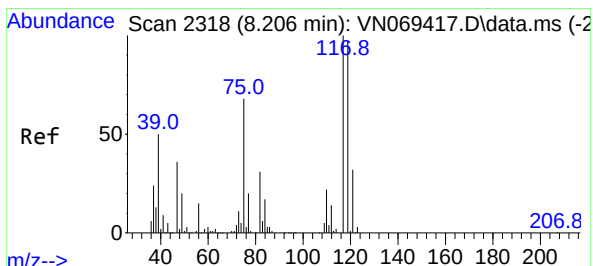
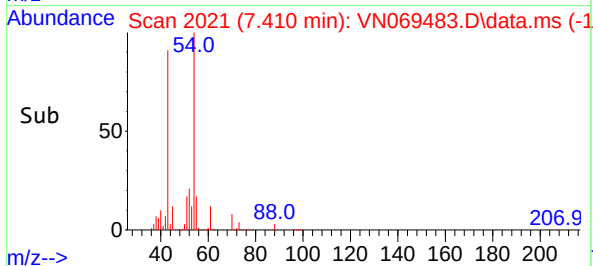
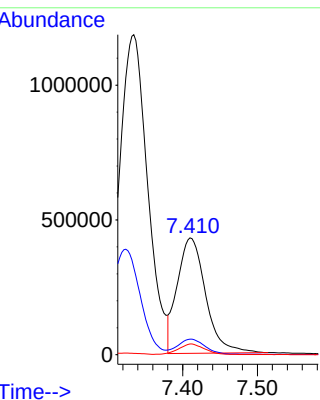
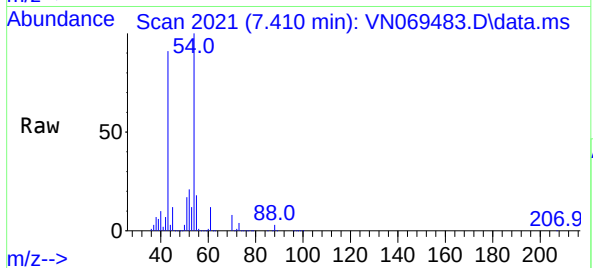
70 8.3 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#38

Carbon Tetrachloride

Concen: 55.891 ug/l

RT: 8.204 min Scan# 2317

Delta R.T. -0.002 min

Lab File: VN069483.D

Acq: 15 Nov 2021 10:29

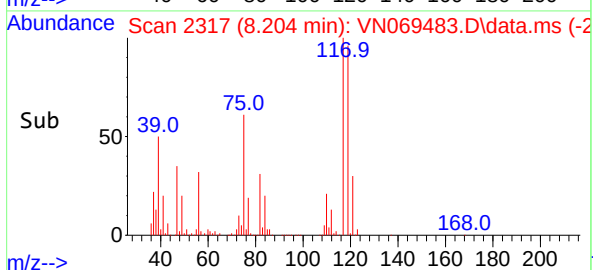
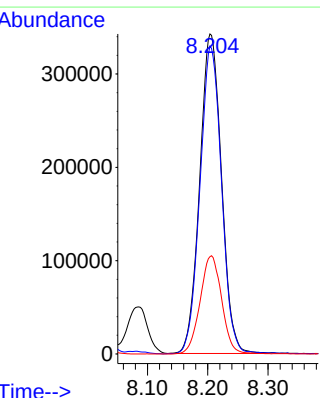
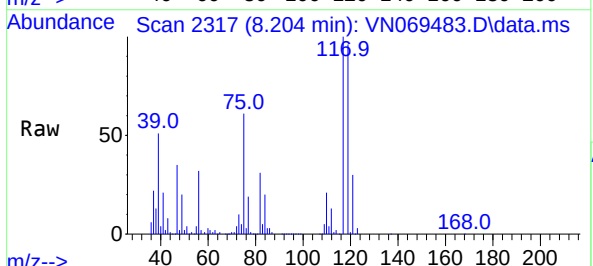
Tgt Ion:117 Resp: 857765

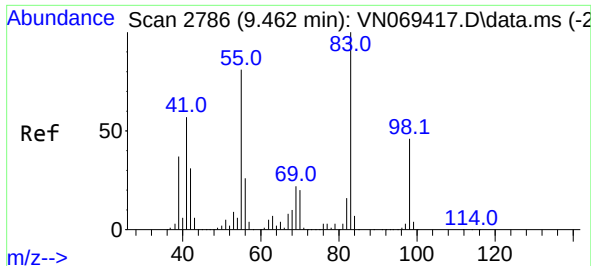
Ion Ratio Lower Upper

117 100

119 96.2 76.1 114.1

121 30.5 24.2 36.2





#39

Methylcyclohexane

Concen: 53.879 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069483.D

Acq: 15 Nov 2021 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 106545

Ion Ratio Lower Upper

83 100

55 82.0 58.1 87.1

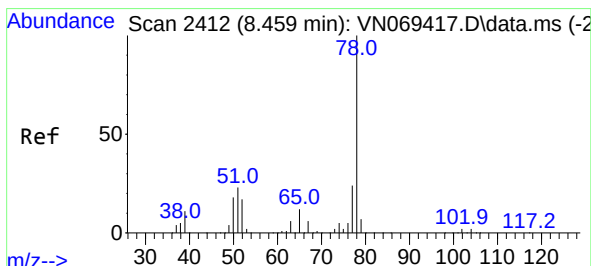
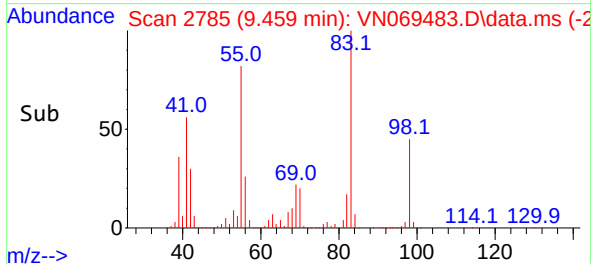
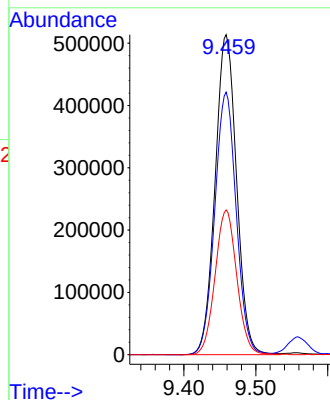
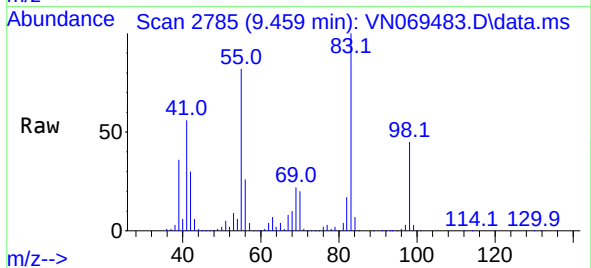
98 45.2 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#40

Benzene

Concen: 53.403 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. -0.001 min

Lab File: VN069483.D

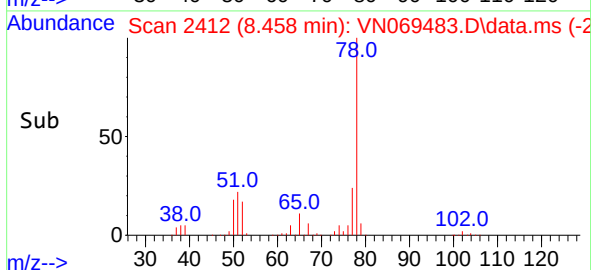
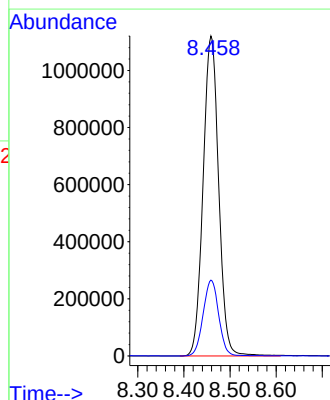
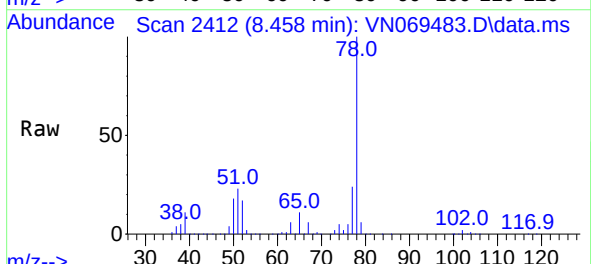
Acq: 15 Nov 2021 10:29

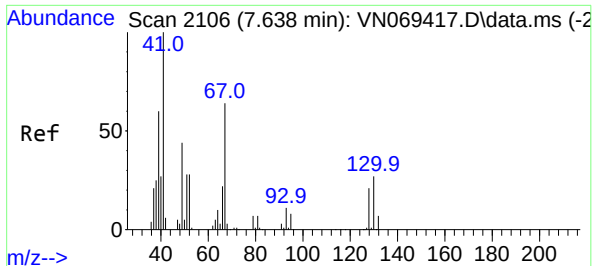
Tgt Ion: 78 Resp: 2620307

Ion Ratio Lower Upper

78 100

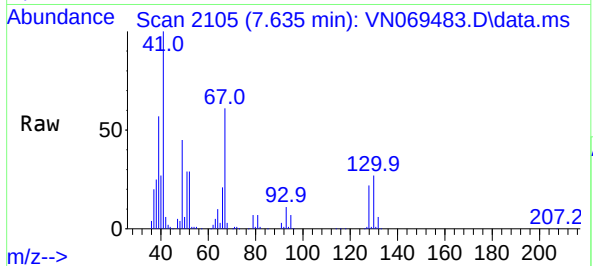
77 23.7 18.6 27.8





#41
Methacrylonitrile
Concen: 50.595 ug/l
RT: 7.635 min Scan# 2106
Delta R.T. -0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

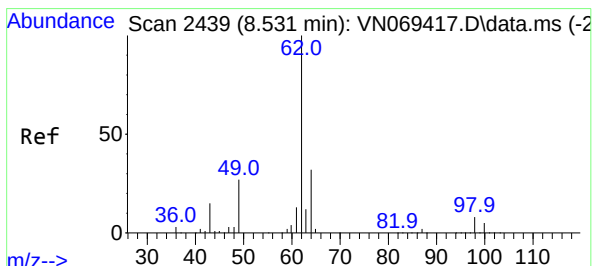
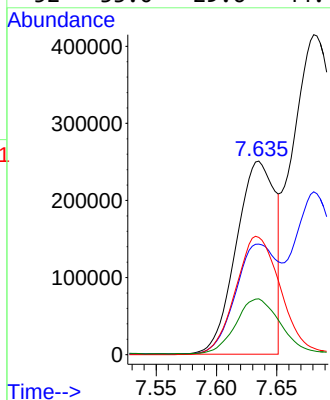
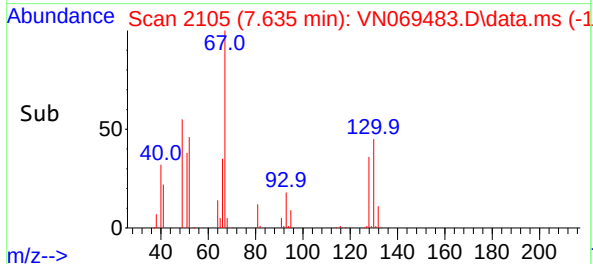
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 561770
Ion Ratio Lower Upper
41 100
39 61.7 48.1 72.1
67 71.9 68.3 102.5
52 33.0 29.6 44.4

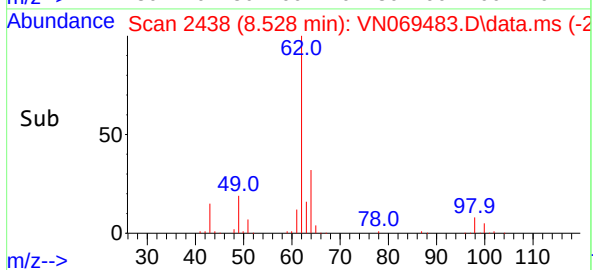
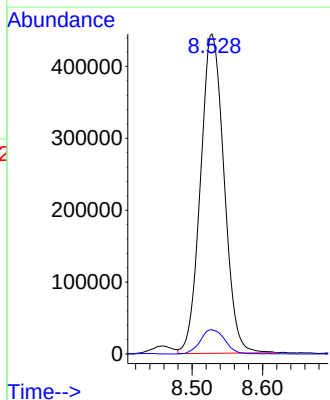
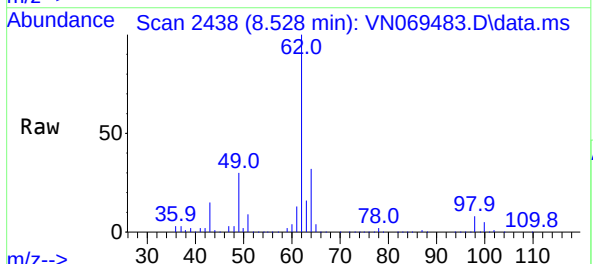
Manual Integrations
APPROVED

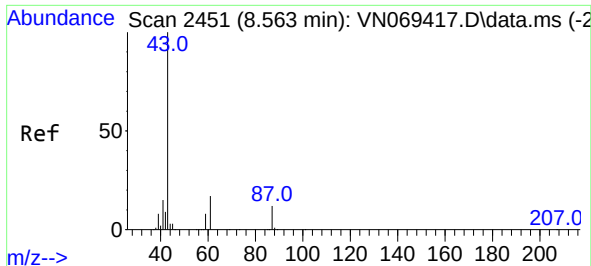
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#42
1,2-Dichloroethane
Concen: 53.667 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

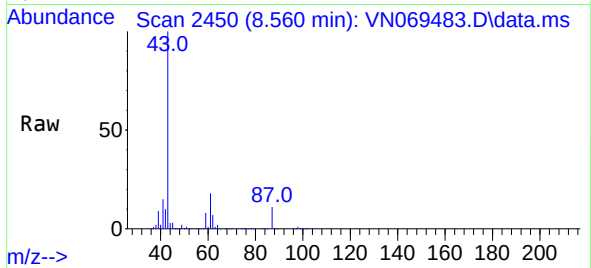
Tgt Ion: 62 Resp: 1031094
Ion Ratio Lower Upper
62 100
98 8.0 0.0 17.6





#43
Isopropyl Acetate
Concen: 53.088 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

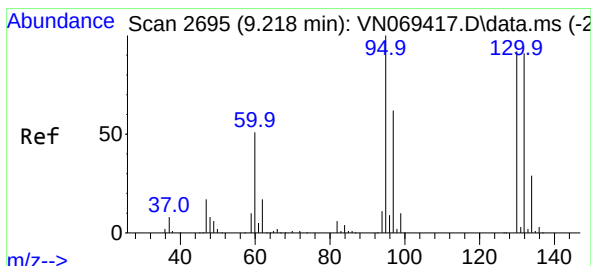
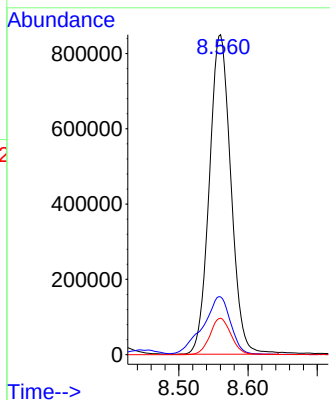
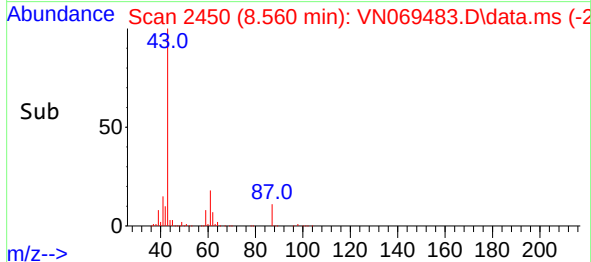
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1832358
Ion Ratio Lower Upper
43 100
61 23.1 20.4 30.6
87 11.3 11.2 16.8

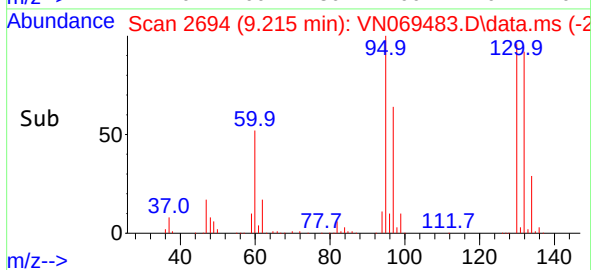
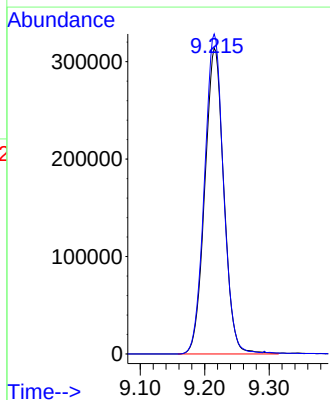
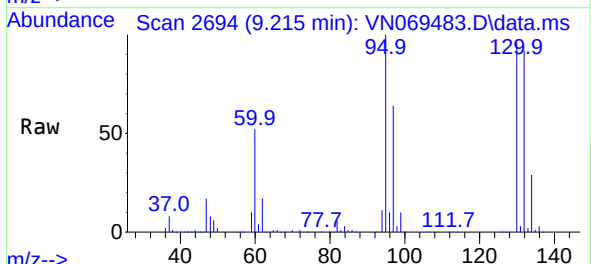
Manual Integrations
APPROVED

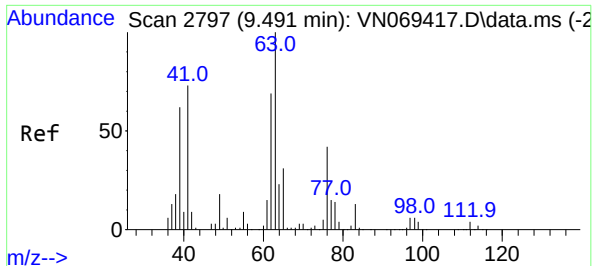
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#44
Trichloroethene
Concen: 54.961 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

Tgt Ion:130 Resp: 645414
Ion Ratio Lower Upper
130 100
95 104.6 0.0 191.2





#45

1,2-Dichloropropane

Concen: 55.498 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069483.D

Acq: 15 Nov 2021 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 72755

Ion Ratio Lower Upper

63 100

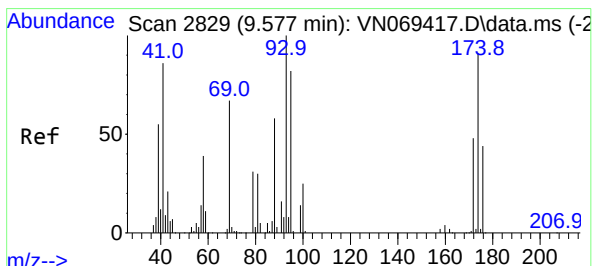
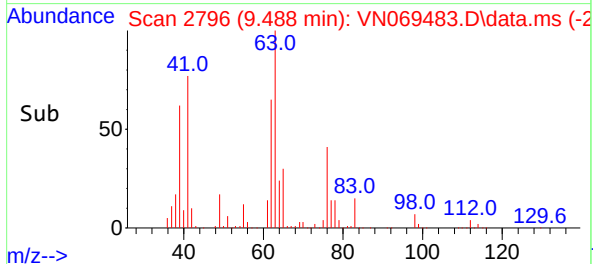
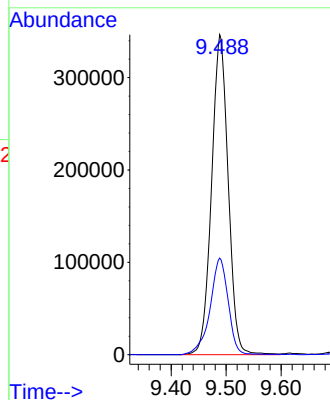
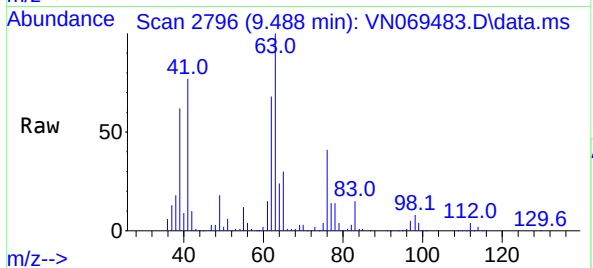
65 30.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#46

Dibromomethane

Concen: 53.501 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN069483.D

Acq: 15 Nov 2021 10:29

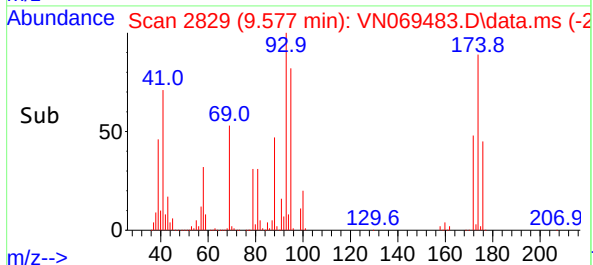
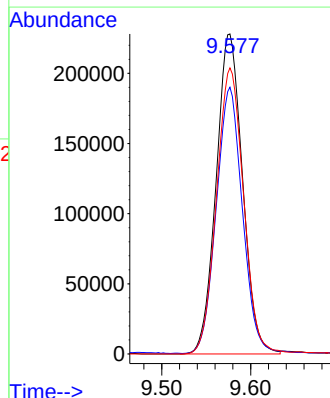
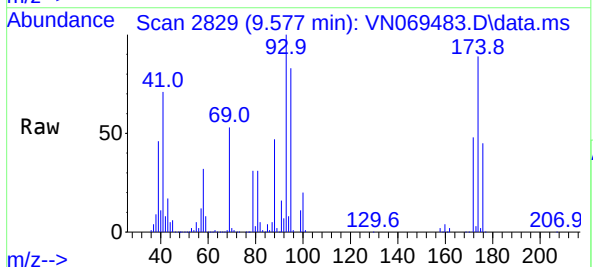
Tgt Ion: 93 Resp: 469779

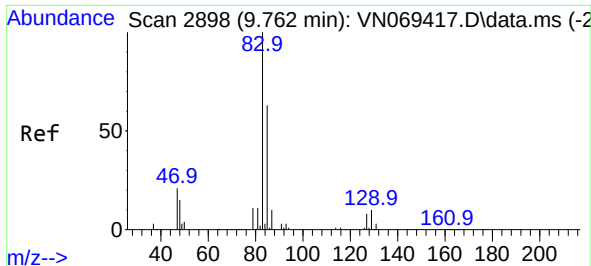
Ion Ratio Lower Upper

93 100

95 82.7 65.9 98.9

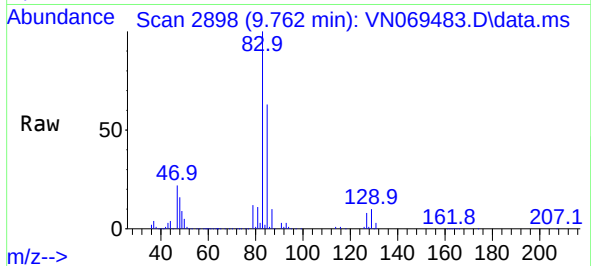
174 91.6 84.6 127.0





#47
Bromodichloromethane
Concen: 57.906 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

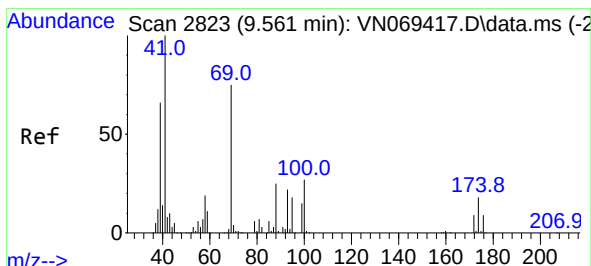
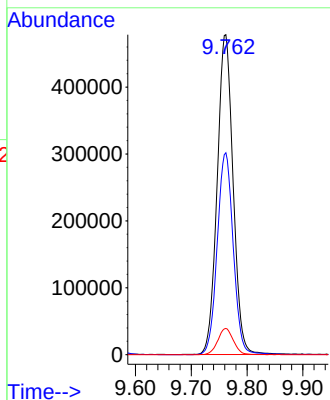
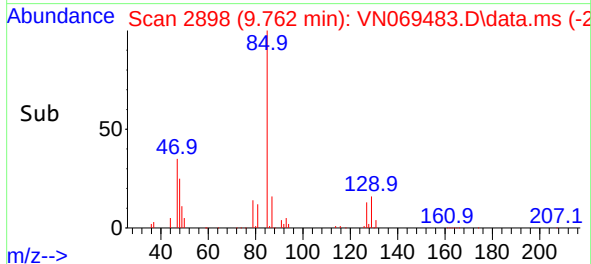
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



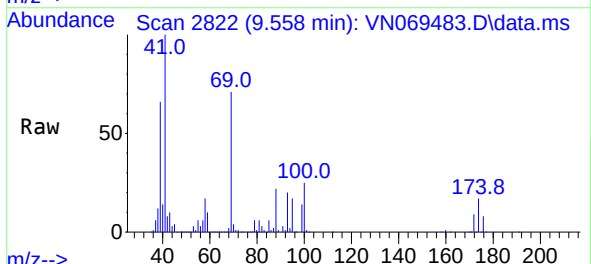
Tgt Ion: 83 Resp: 94880
Ion Ratio Lower Upper
83 100
85 63.1 50.9 76.3
127 8.2 7.1 10.7

Manual Integrations
APPROVED

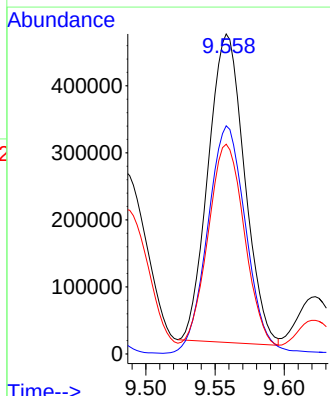
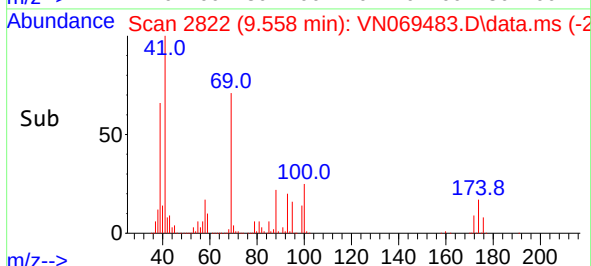
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

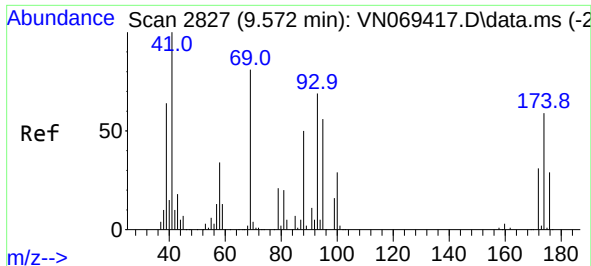


#48
Methyl methacrylate
Concen: 51.750 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29



Tgt Ion: 41 Resp: 840352
Ion Ratio Lower Upper
41 100
69 78.2 72.4 108.6
39 70.5 58.4 87.6





#49

1,4-Dioxane

Concen: 898.767 ug/l

RT: 9.566 min Scan# 2827

Delta R.T. -0.006 min

Lab File: VN069483.D

Acq: 15 Nov 2021 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 28791

Ion Ratio Lower Upper

88 100

43 34.8 23.4 35.2

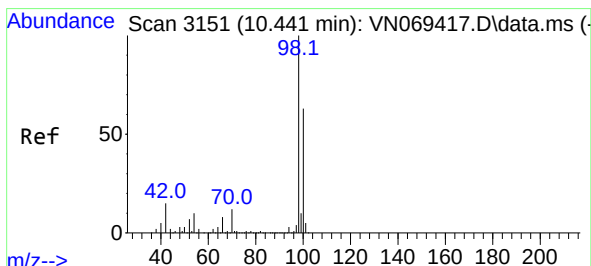
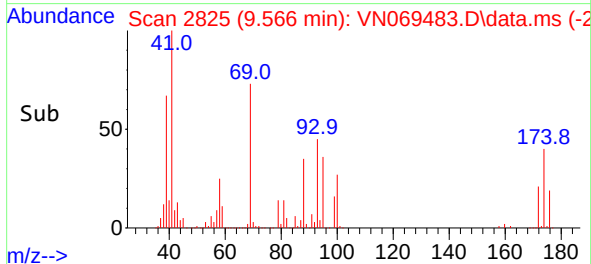
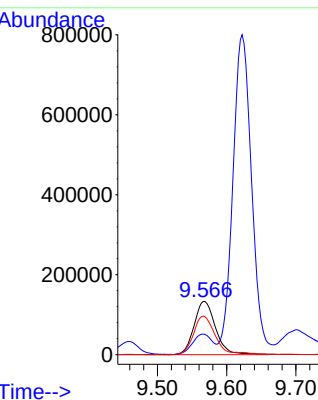
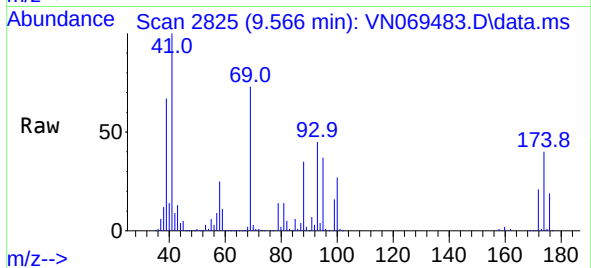
58 70.5 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#50

Toluene-d8

Concen: 54.038 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.001 min

Lab File: VN069483.D

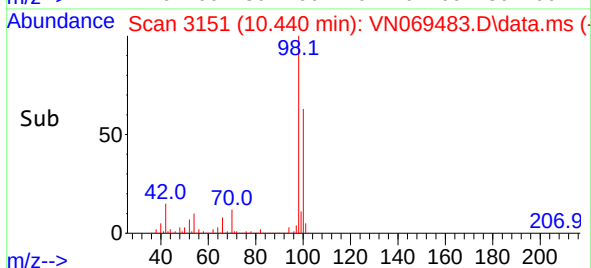
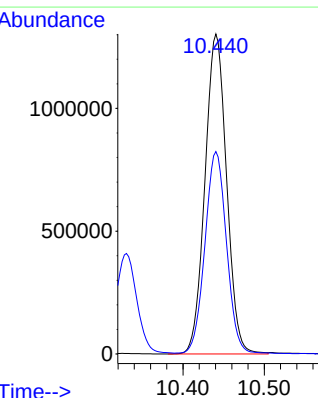
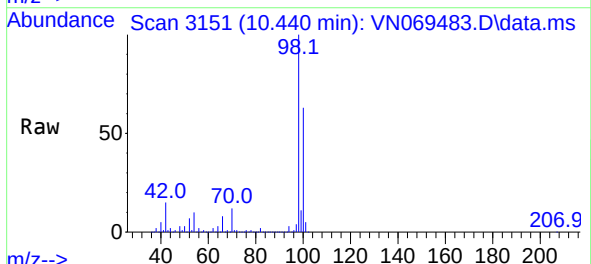
Acq: 15 Nov 2021 10:29

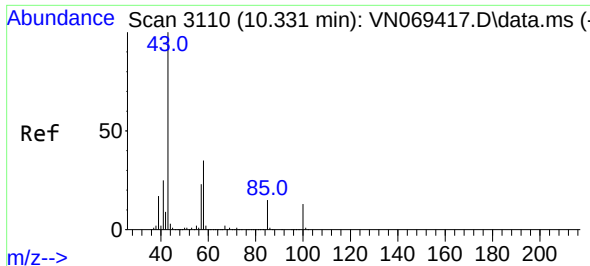
Tgt Ion: 98 Resp: 2408127

Ion Ratio Lower Upper

98 100

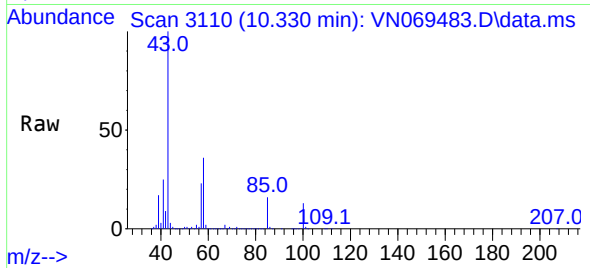
100 63.2 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 268.033 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.001 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

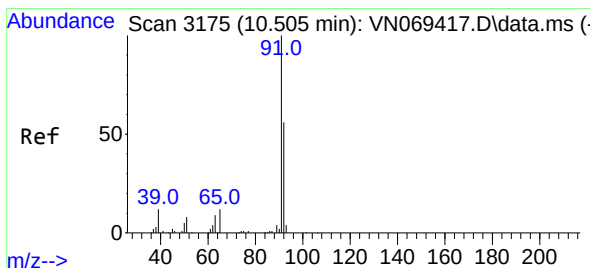
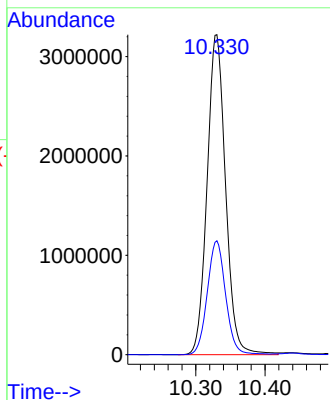
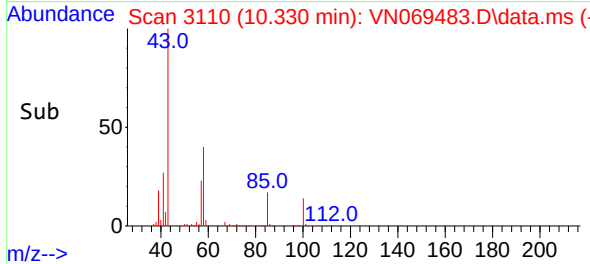
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



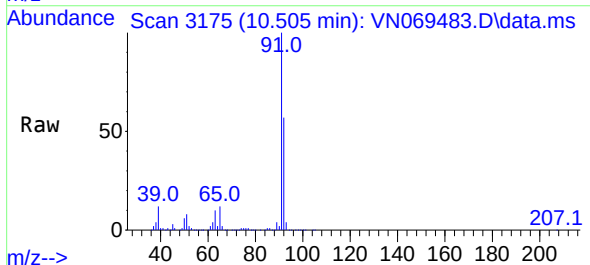
Tgt Ion: 43 Resp: 5971450
Ion Ratio Lower Upper
43 100
58 35.4 30.4 45.6

Manual Integrations
APPROVED

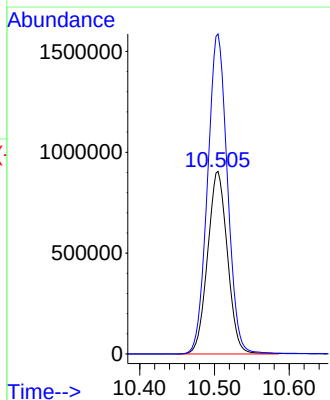
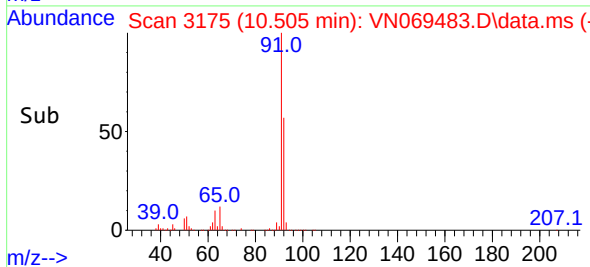
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

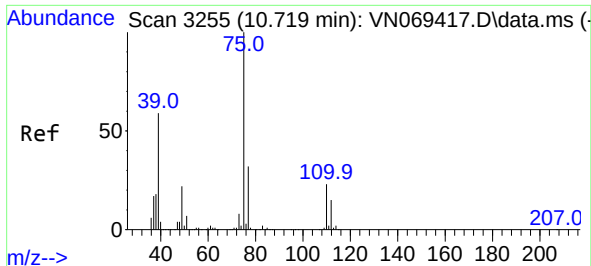


#52
Toluene
Concen: 54.488 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29



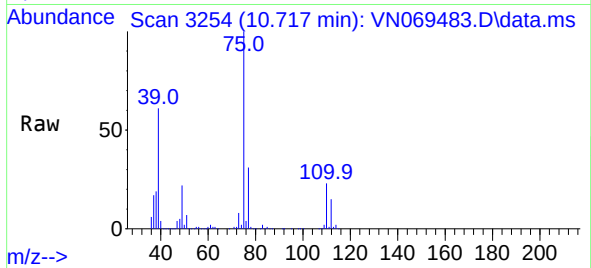
Tgt Ion: 92 Resp: 1665606
Ion Ratio Lower Upper
92 100
91 176.2 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 50.300 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

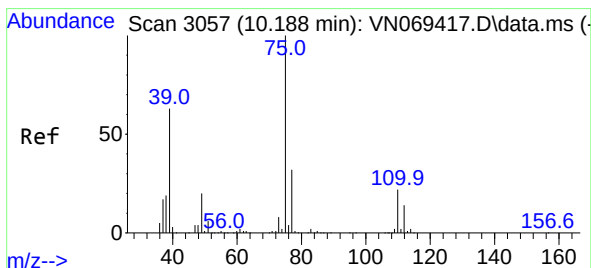
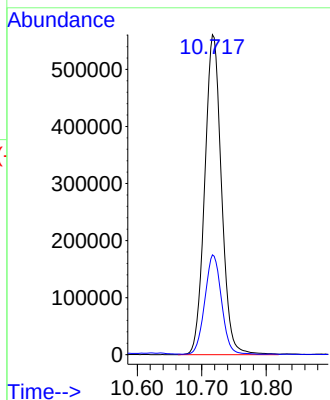
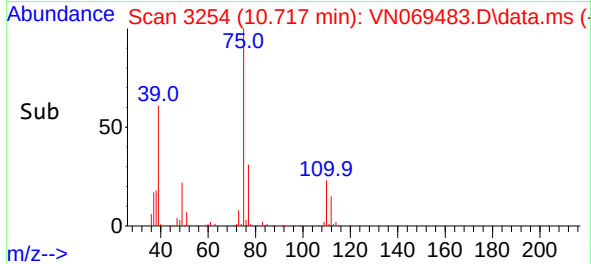
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



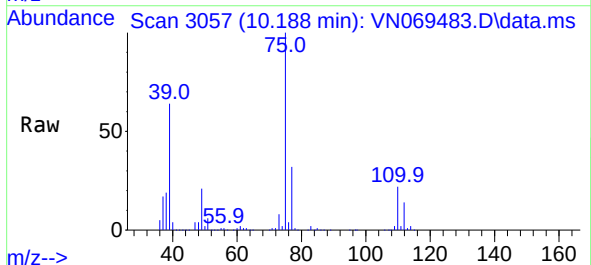
Tgt Ion: 75 Resp: 101369
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4

Manual Integrations
APPROVED

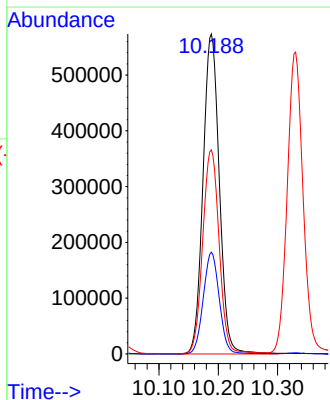
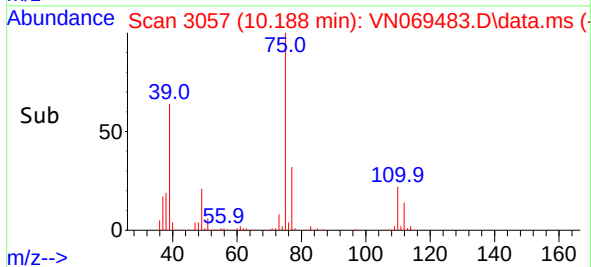
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

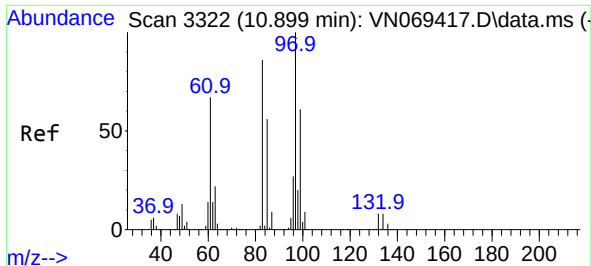


#54
cis-1,3-Dichloropropene
Concen: 51.355 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29



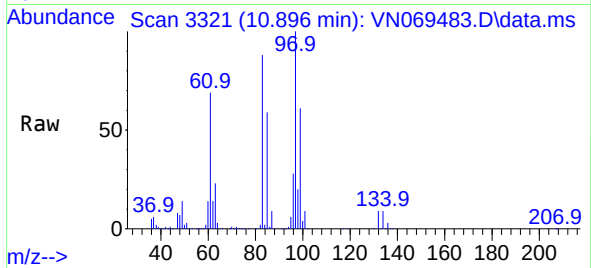
Tgt Ion: 75 Resp: 1091272
Ion Ratio Lower Upper
75 100
77 31.8 26.4 39.6
39 63.7 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 55.469 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

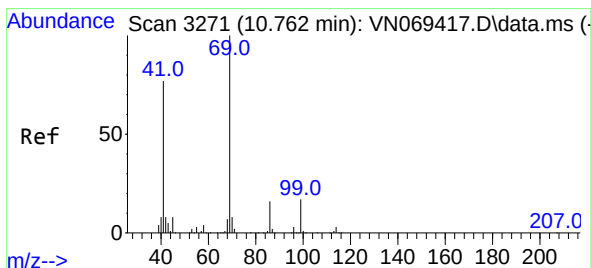
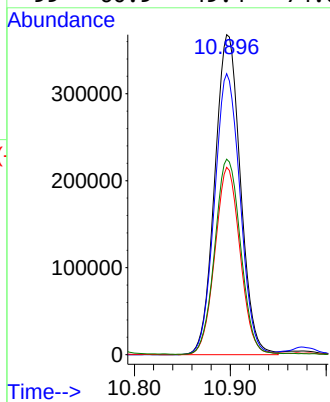
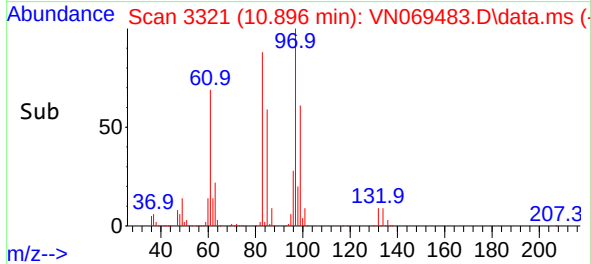
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



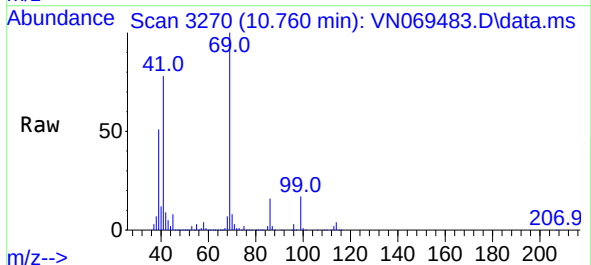
Tgt Ion: 97 Resp: 683490
Ion Ratio Lower Upper
97 100
83 87.8 67.8 101.6
85 58.5 45.4 68.2
99 60.9 49.4 74.0

Manual Integrations
APPROVED

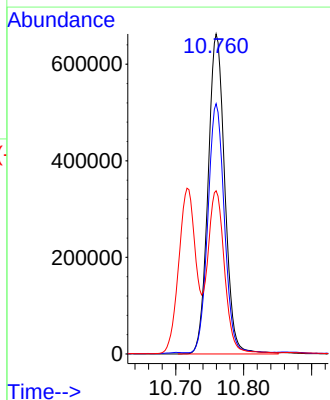
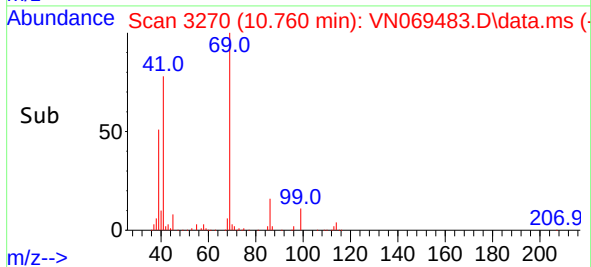
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

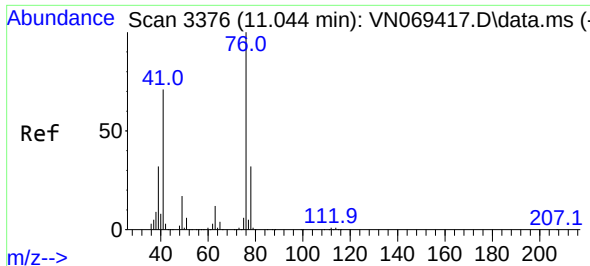


#56
Ethyl methacrylate
Concen: 48.900 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29



Tgt Ion: 69 Resp: 1134445
Ion Ratio Lower Upper
69 100
41 76.7 51.4 77.0
39 50.7 34.6 52.0





#57

1,3-Dichloropropane

Concen: 54.522 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN069483.D

Acq: 15 Nov 2021 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 118055

Ion Ratio Lower Upper

76 100

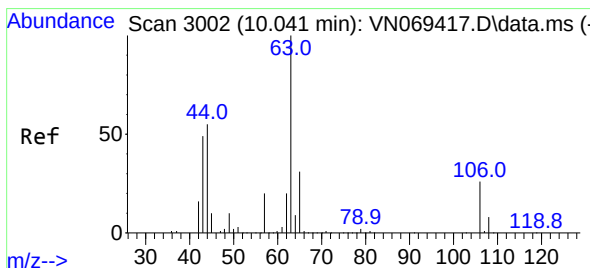
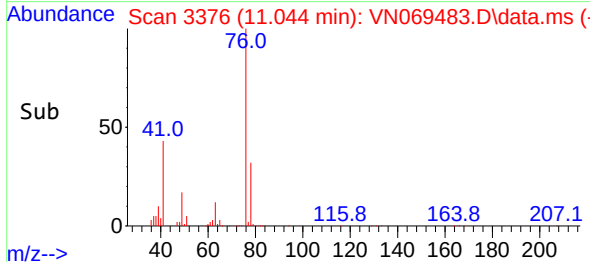
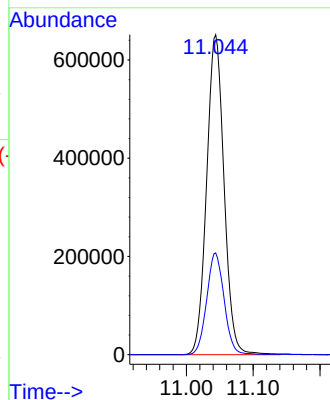
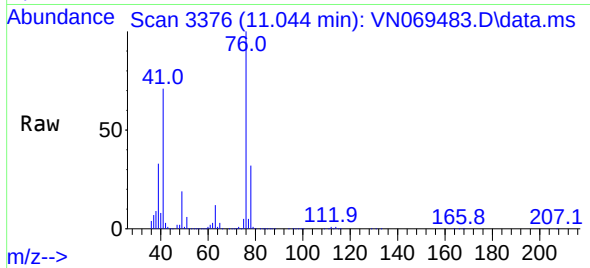
78 31.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#58

2-Chloroethyl Vinyl ether

Concen: 198.308 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN069483.D

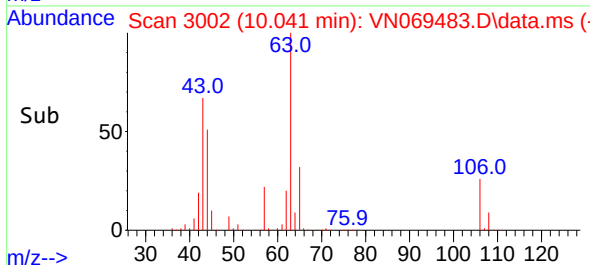
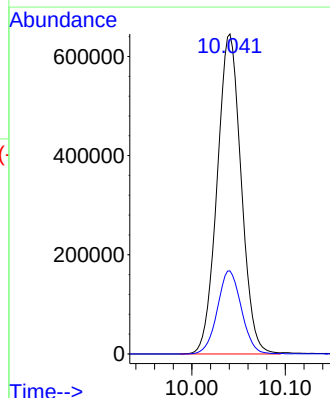
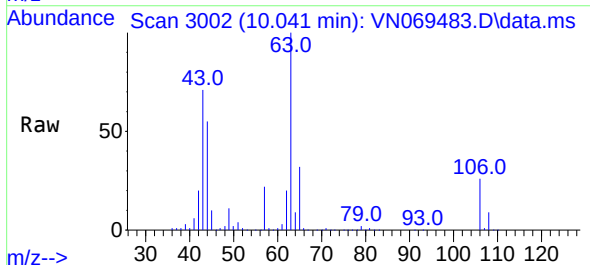
Acq: 15 Nov 2021 10:29

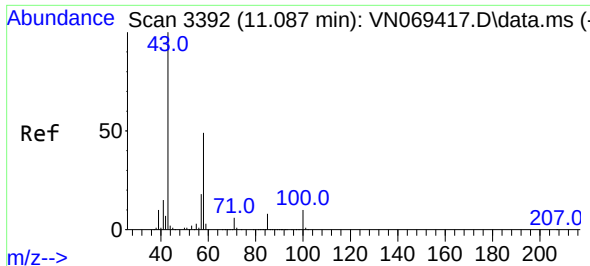
Tgt Ion: 63 Resp: 1153153

Ion Ratio Lower Upper

63 100

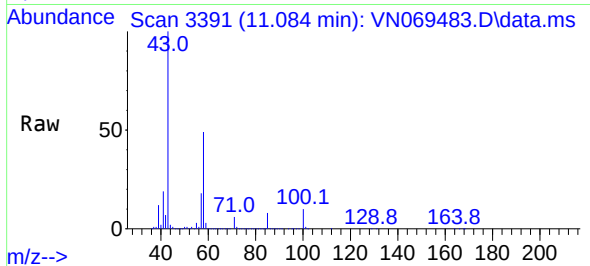
106 26.0 23.9 35.9





#59
2-Hexanone
Concen: 237.944 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

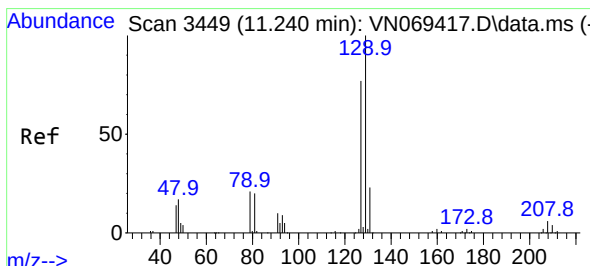
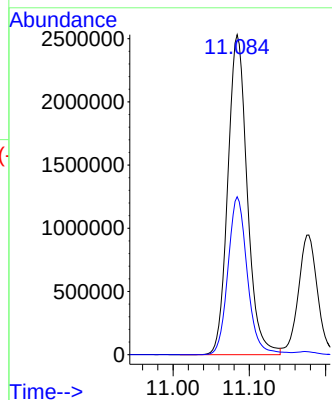
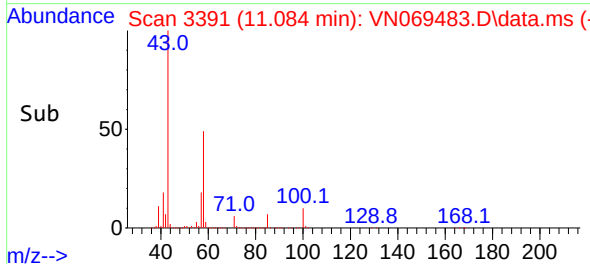
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 4468489
Ion Ratio Lower Upper
43 100
58 49.4 26.9 80.7

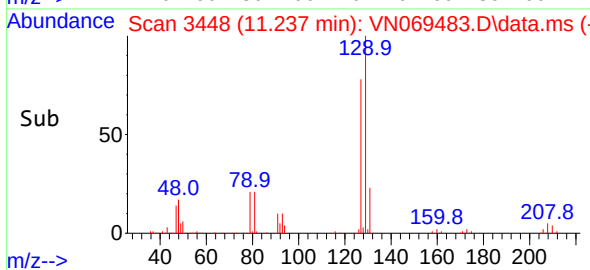
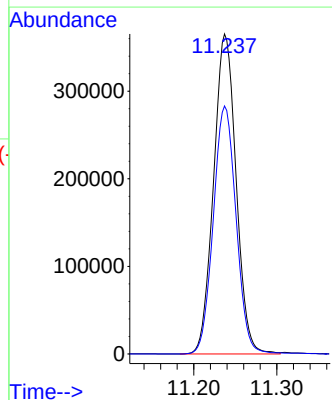
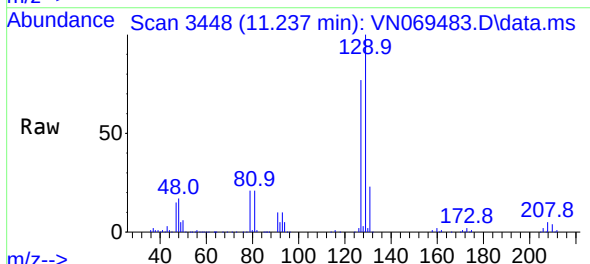
Manual Integrations
APPROVED

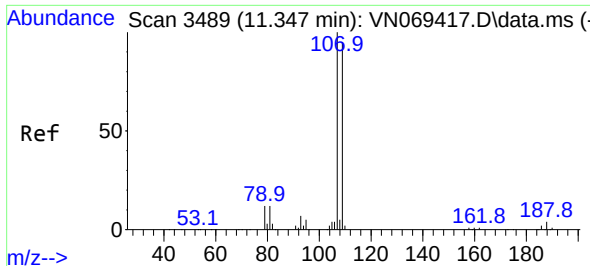
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#60
Dibromochloromethane
Concen: 50.885 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

Tgt Ion:129 Resp: 688808
Ion Ratio Lower Upper
129 100
127 78.5 38.6 116.0





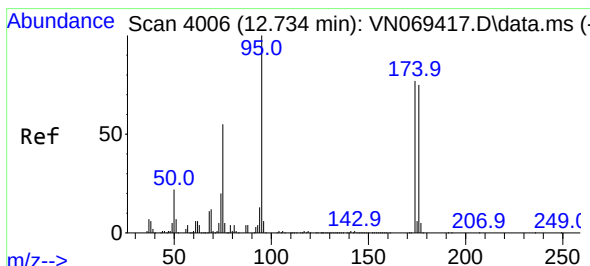
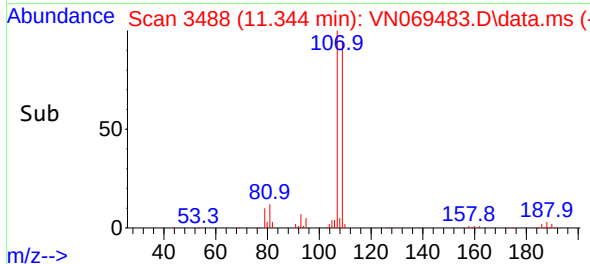
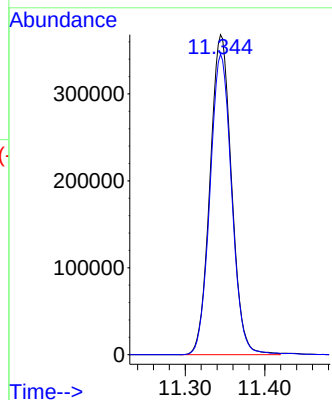
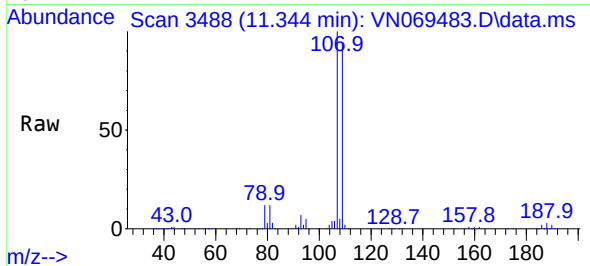
#61
1,2-Dibromoethane
Concen: 50.303 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 69194
Ion Ratio Lower Upper
107 100
109 94.1 75.7 113.5

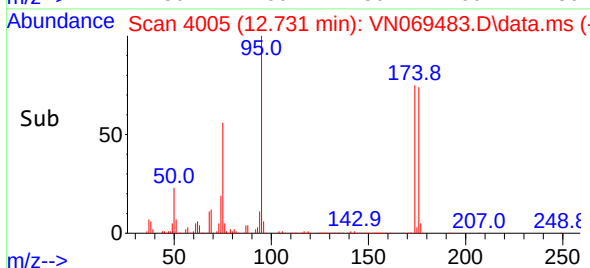
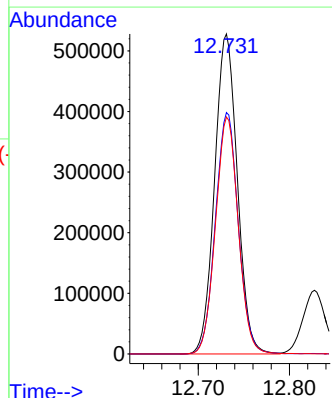
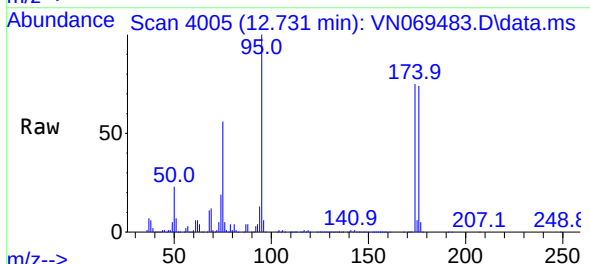
Manual Integrations
APPROVED

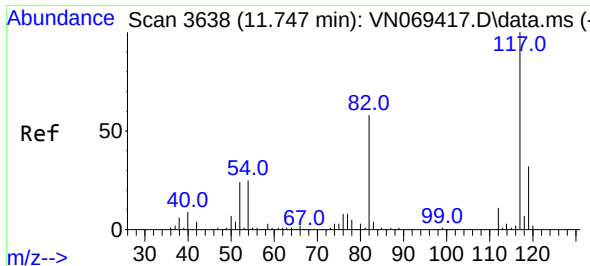
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#62
4-Bromofluorobenzene
Concen: 55.819 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

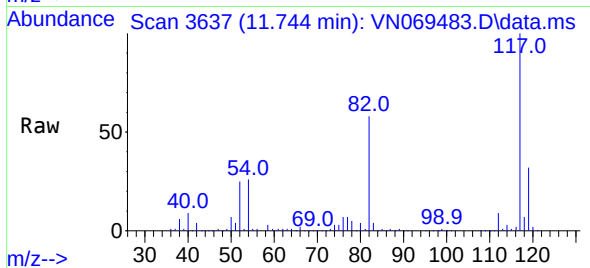
Tgt Ion: 95 Resp: 913807
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 74.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

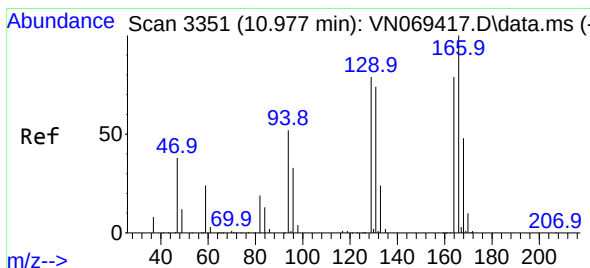
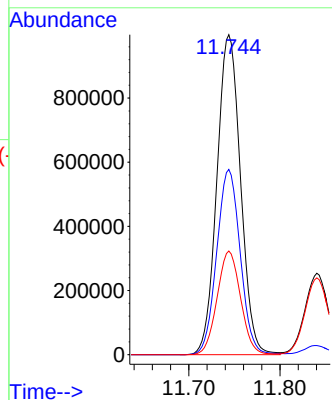
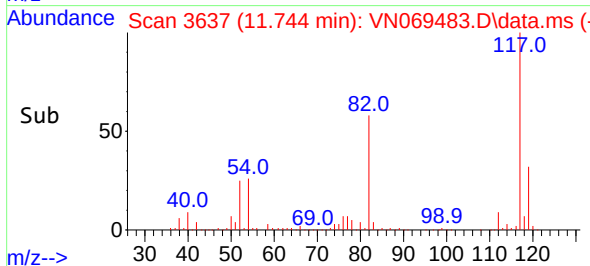
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 1798020
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 32.4 25.4 38.2

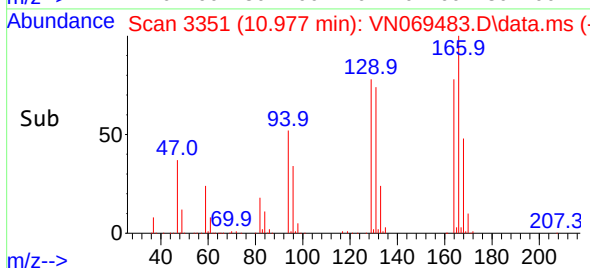
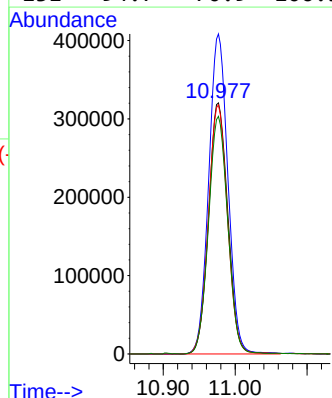
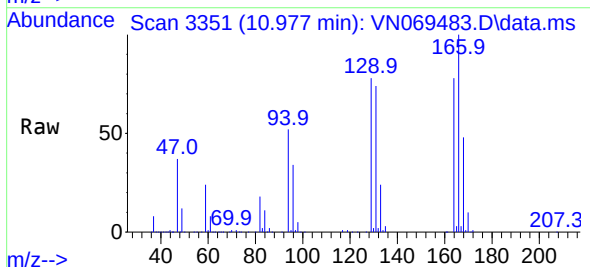
Manual Integrations
APPROVED

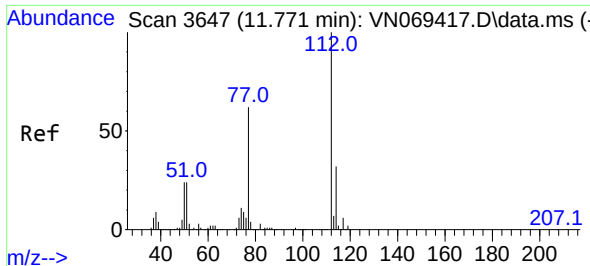
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#64
Tetrachloroethene
Concen: 55.022 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

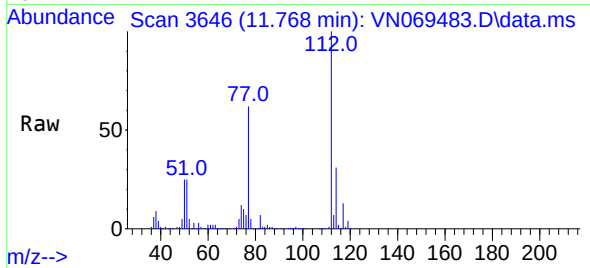
Tgt Ion:164 Resp: 597353
Ion Ratio Lower Upper
164 100
166 127.5 101.9 152.9
129 99.3 72.0 108.0
131 94.7 70.9 106.3





#65
Chlorobenzene
Concen: 54.078 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

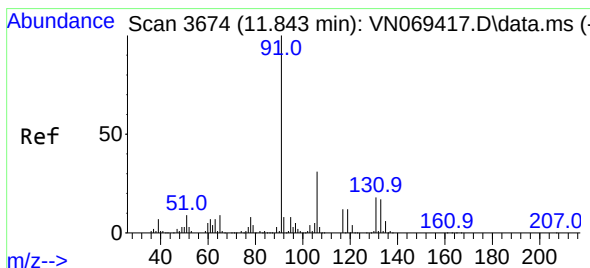
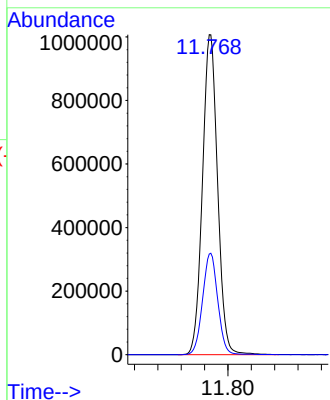
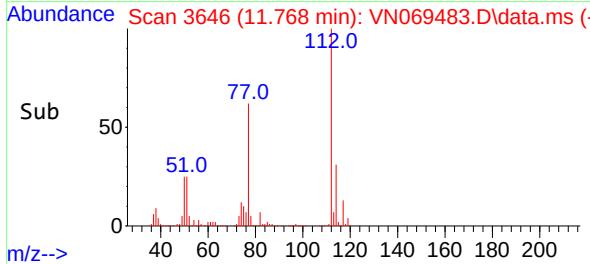
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



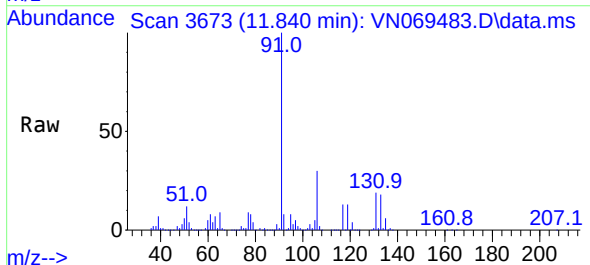
Tgt Ion:112 Resp: 1809840
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.0

Manual Integrations
APPROVED

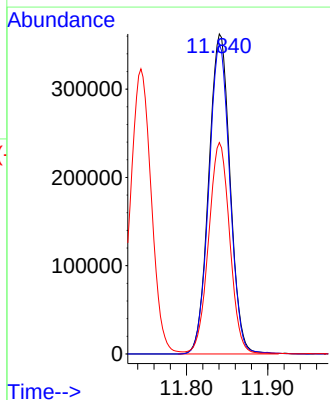
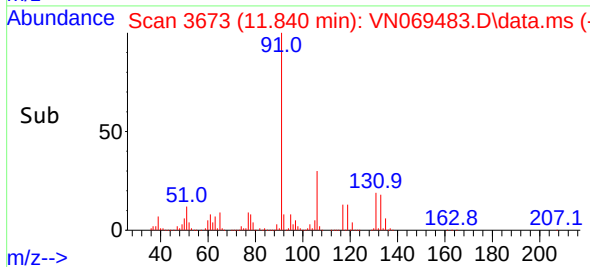
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

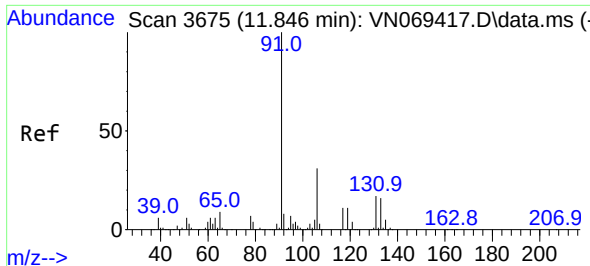


#66
1,1,1,2-Tetrachloroethane
Concen: 56.940 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29



Tgt Ion:131 Resp: 660976
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.7
119 64.9 32.1 96.5





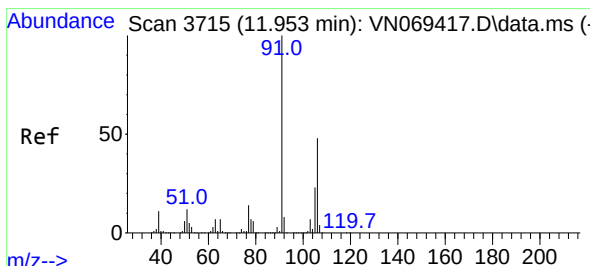
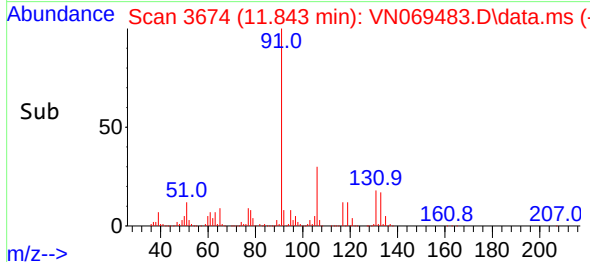
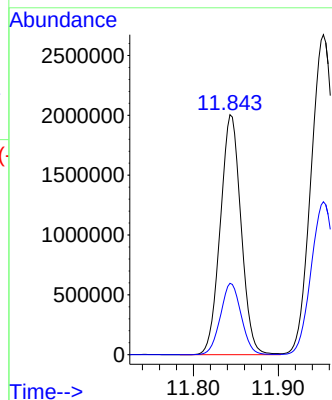
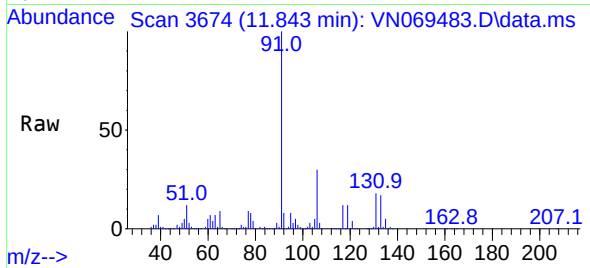
#67
Ethyl Benzene
Concen: 55.128 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 340278
Ion Ratio Lower Upper
91 100
106 29.7 25.7 38.5

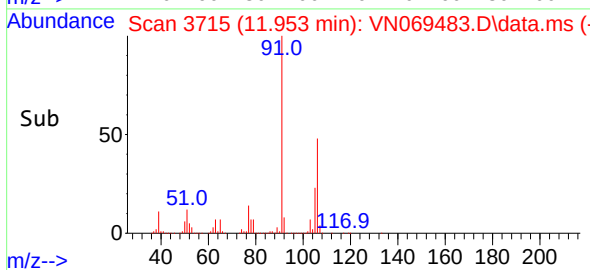
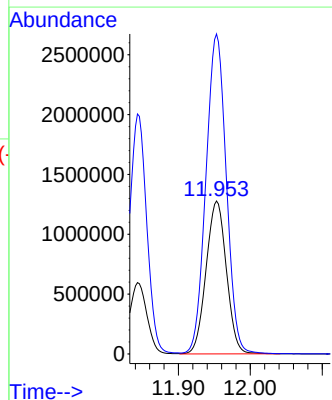
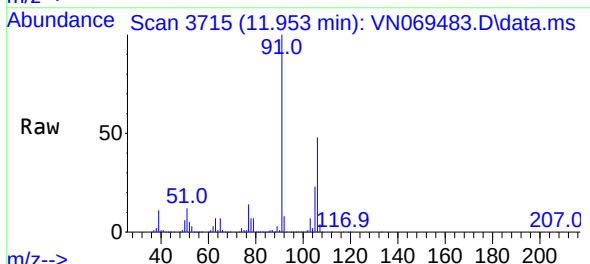
Manual Integrations
APPROVED

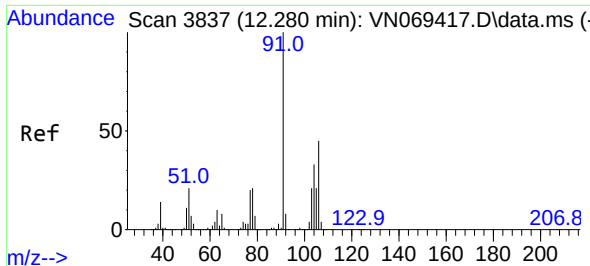
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#68
m/p-Xylenes
Concen: 110.532 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

Tgt Ion:106 Resp: 2509246
Ion Ratio Lower Upper
106 100
91 210.2 160.6 240.8





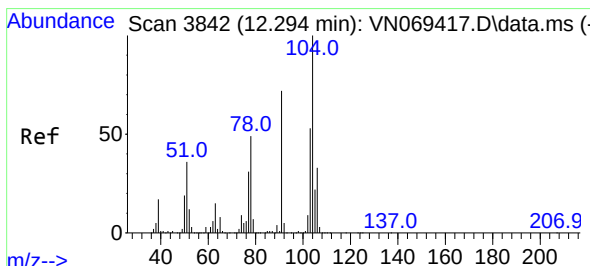
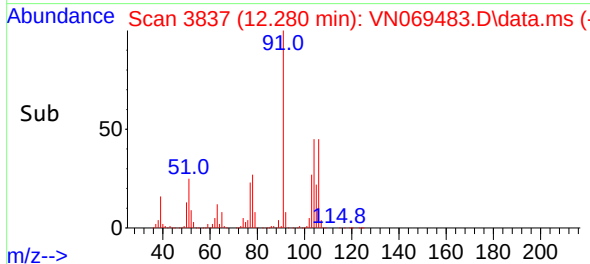
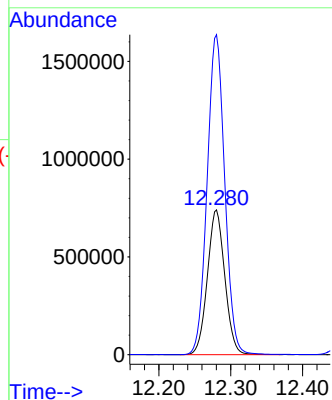
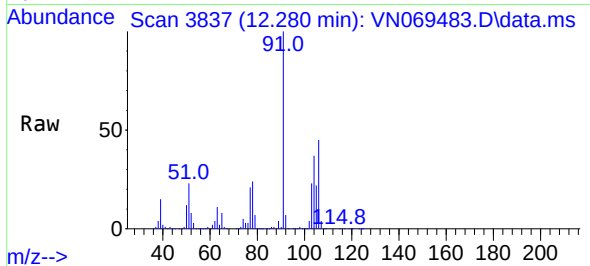
#69
o-Xylene
Concen: 55.231 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 1249975
Ion Ratio Lower Upper
106 100
91 223.2 105.8 317.3

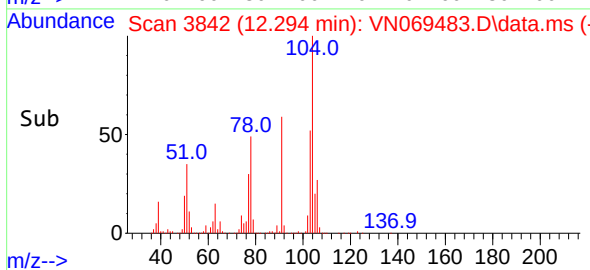
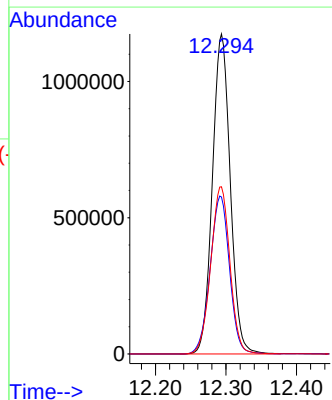
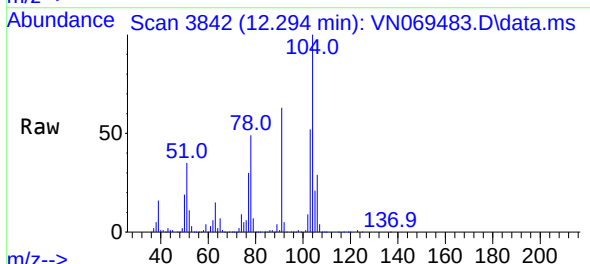
Manual Integrations
APPROVED

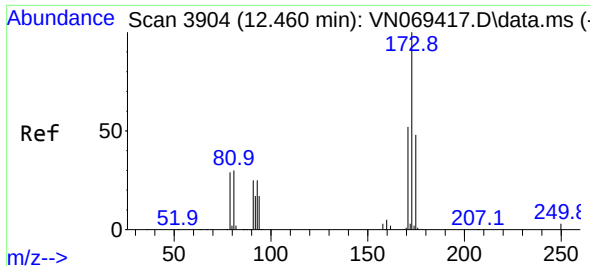
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#70
Styrene
Concen: 50.933 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

Tgt Ion:104 Resp: 2070832
Ion Ratio Lower Upper
104 100
78 53.5 38.7 58.1
103 56.0 45.0 67.6





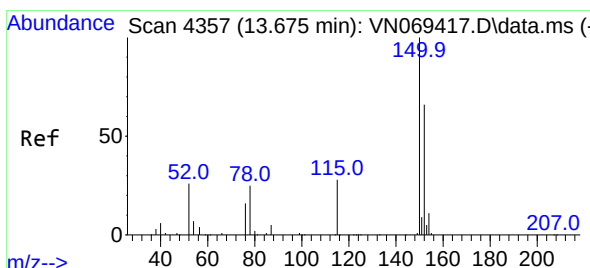
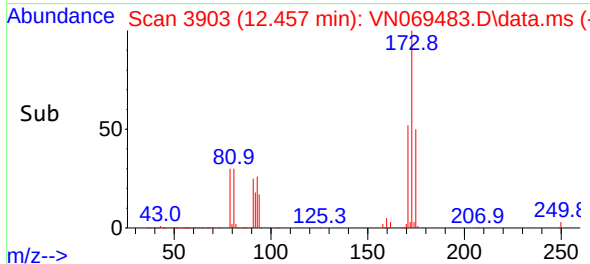
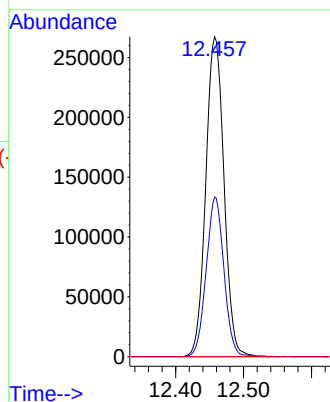
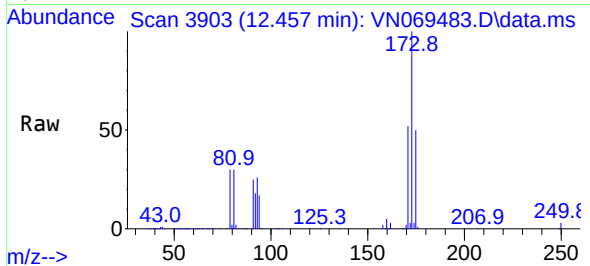
#71
Bromoform
Concen: 49.422 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 497722
Ion Ratio Lower Upper
173 100
175 48.6 24.2 72.6
254 0.0 0.0 0.0

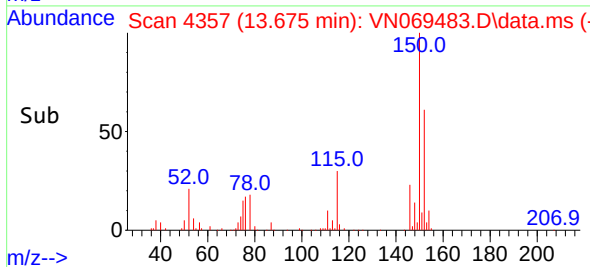
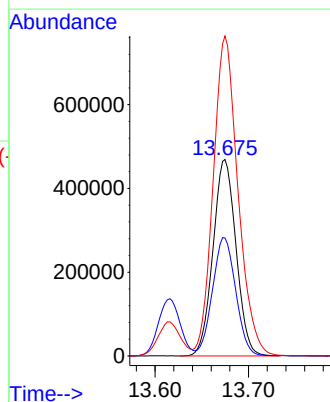
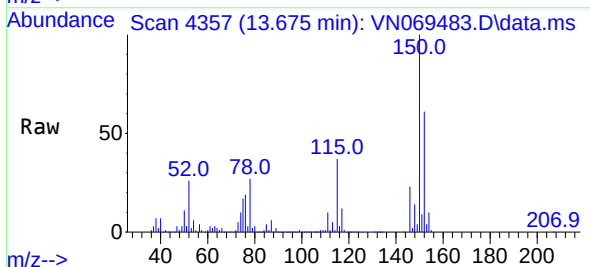
Manual Integrations
APPROVED

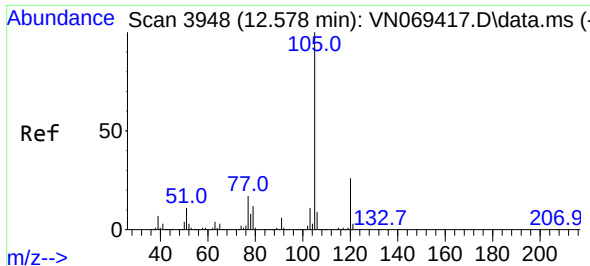
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

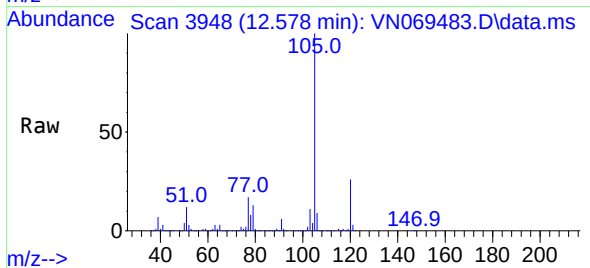
Tgt Ion:152 Resp: 806232
Ion Ratio Lower Upper
152 100
115 60.4 27.5 82.5
150 175.4 0.0 344.4





#73
Isopropylbenzene
Concen: 52.464 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

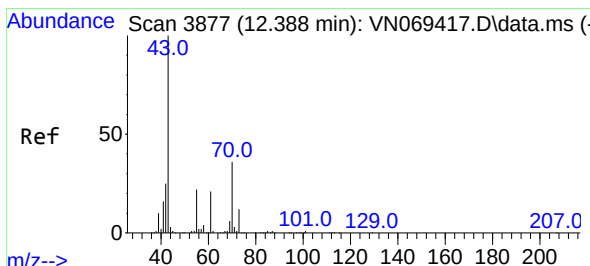
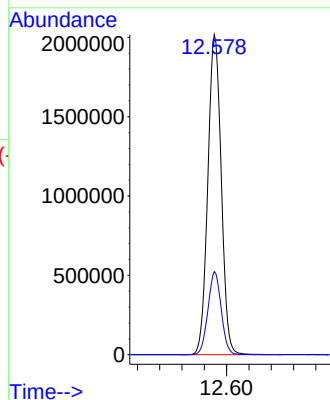
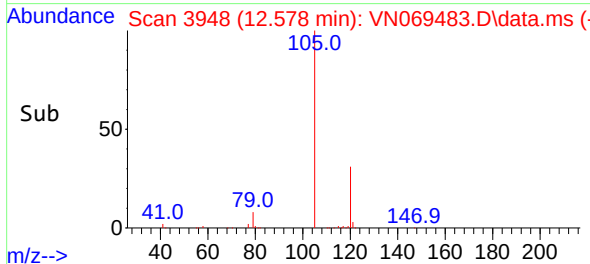
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



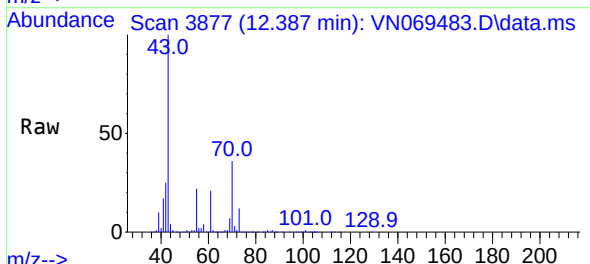
Tgt Ion:105 Resp: 336779
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

Manual Integrations
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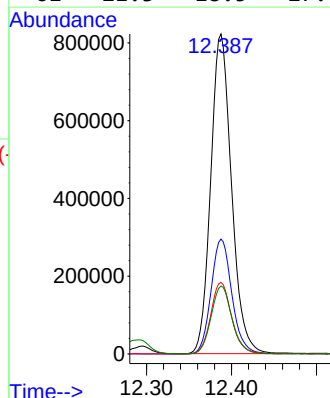
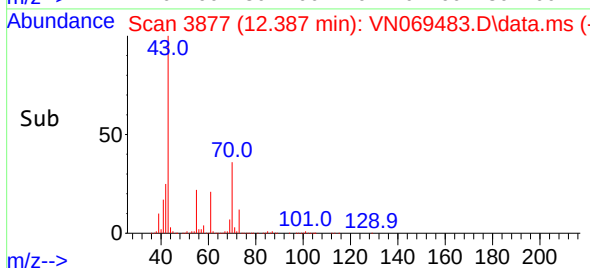
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

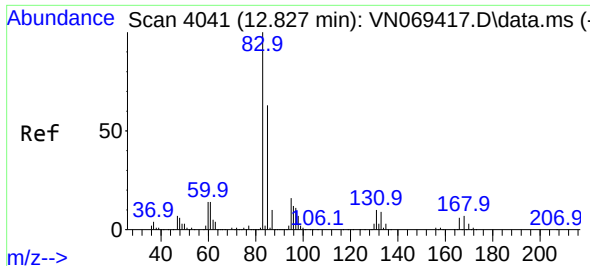


#74
N-ethyl acetate
Concen: 51.428 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. -0.001 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29



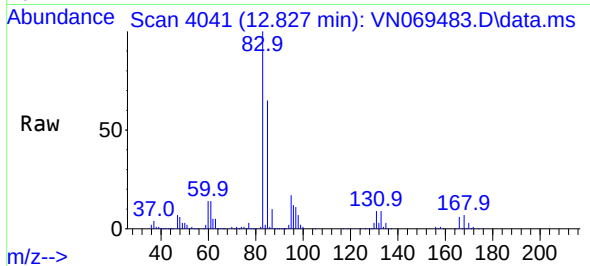
Tgt Ion: 43 Resp: 1399075
Ion Ratio Lower Upper
43 100
70 36.1 33.4 50.0
55 22.7 19.3 28.9
61 21.3 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 49.379 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

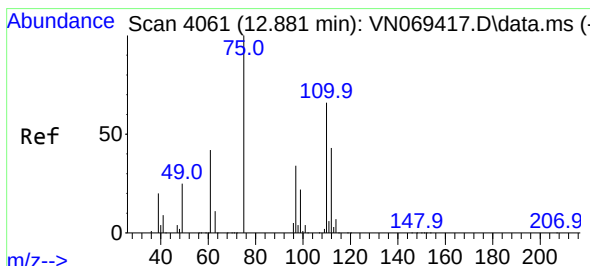
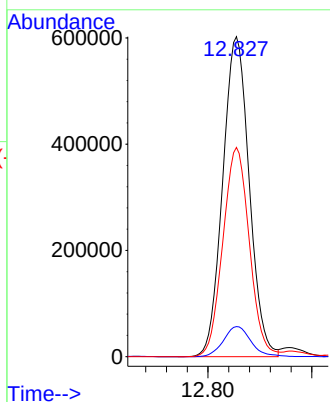
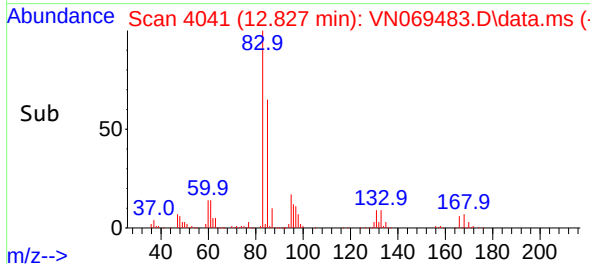
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



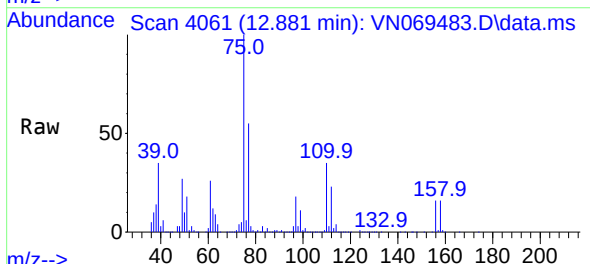
Tgt Ion: 83 Resp: 1069080
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 65.3 32.4 97.2

Manual Integrations
APPROVED

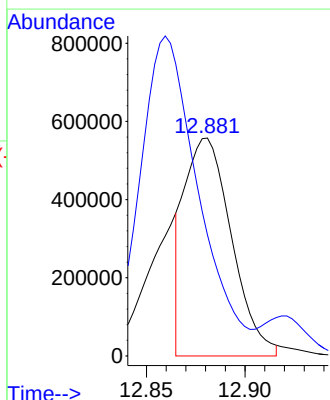
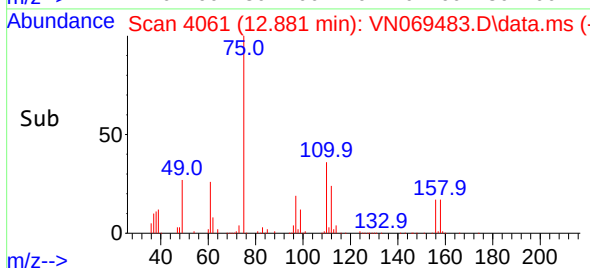
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

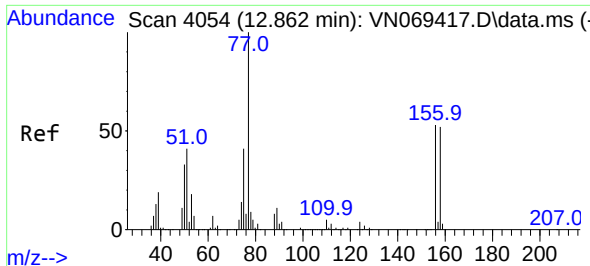


#76
1,2,3-Trichloropropane
Concen: 49.569 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.000 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29



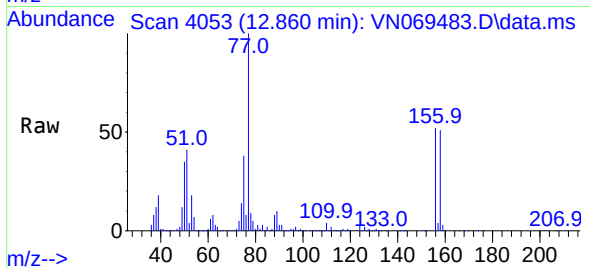
Tgt Ion: 75 Resp: 922279
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 52.002 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

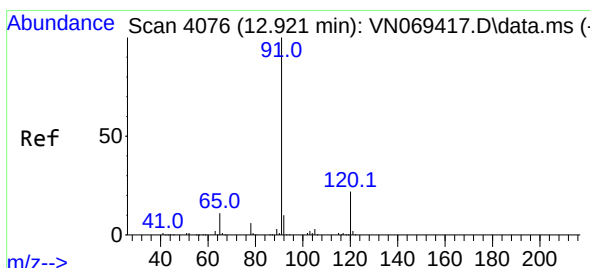
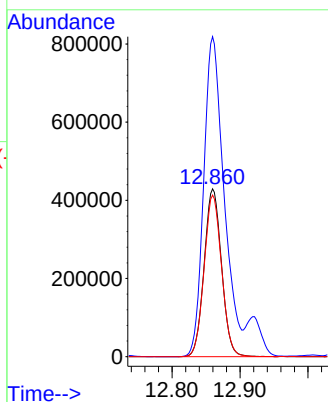
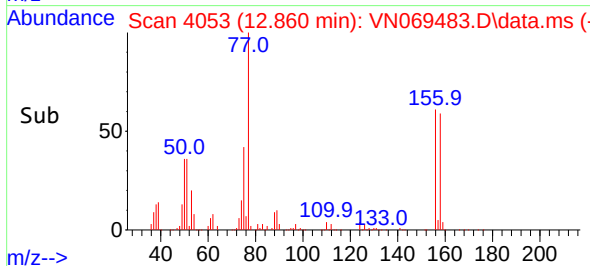
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



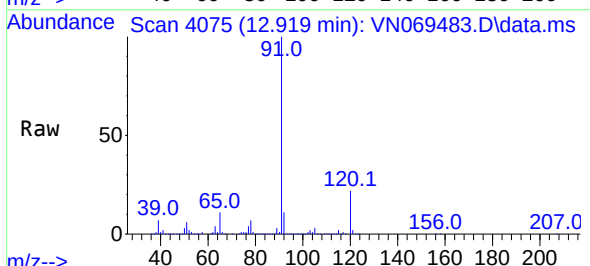
Tgt Ion:156 Resp: 76344
Ion Ratio Lower Upper
156 100
77 221.6 90.6 271.8
158 96.8 48.9 146.7

Manual Integrations
APPROVED

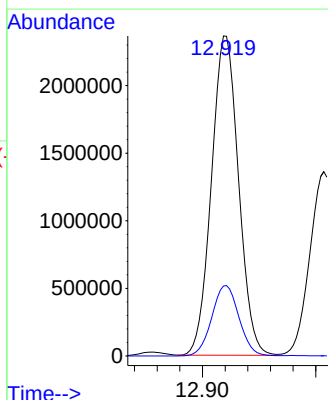
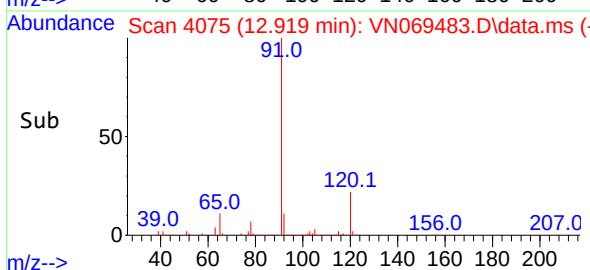
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

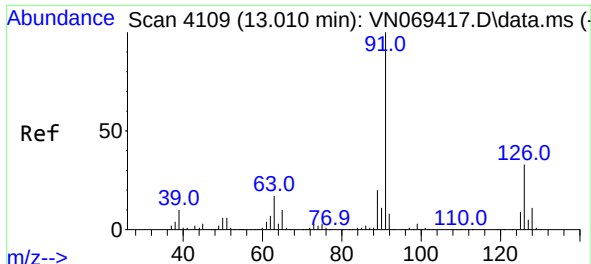


#78
n-propylbenzene
Concen: 54.305 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29



Tgt Ion: 91 Resp: 3922504
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9





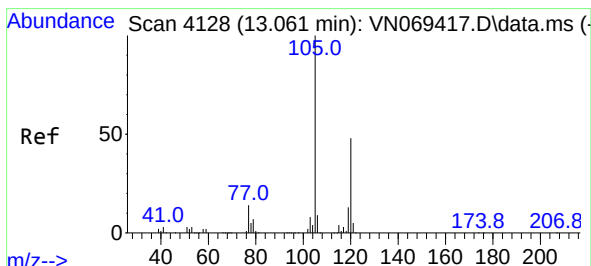
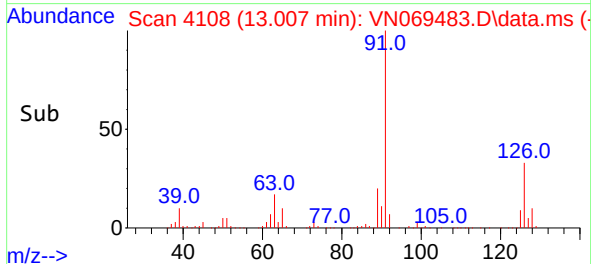
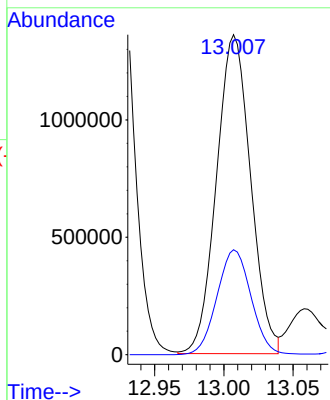
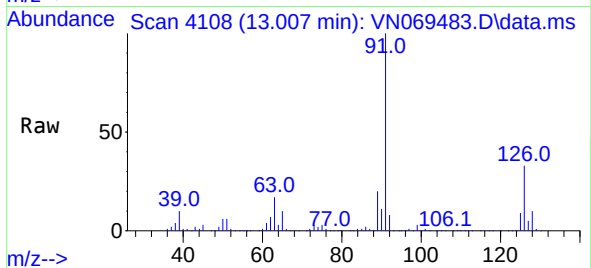
#79
2-Chlorotoluene
Concen: 52.104 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 233025
Ion Ratio Lower Upper
91 100
126 32.9 18.3 54.8

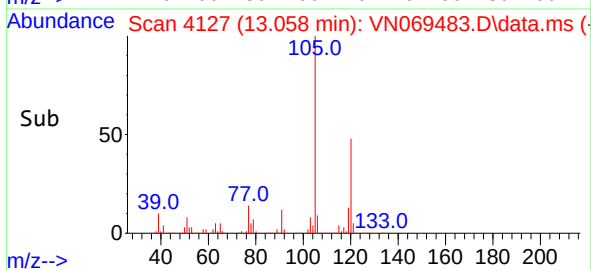
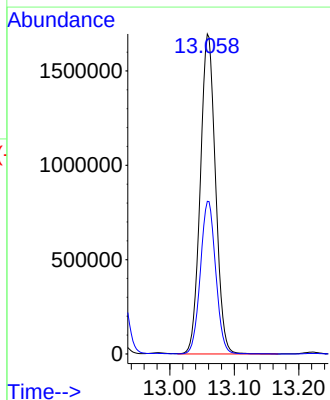
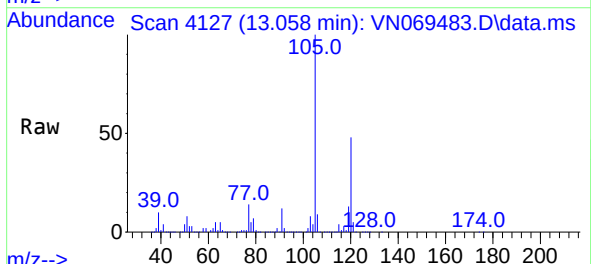
Manual Integrations
APPROVED

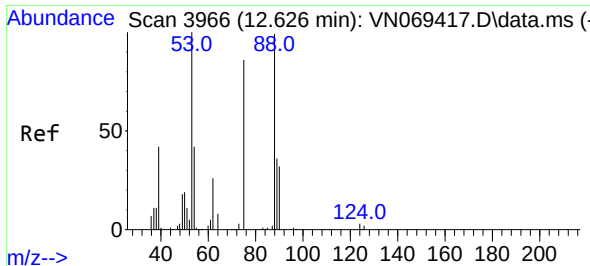
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#80
1,3,5-Trimethylbenzene
Concen: 53.412 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

Tgt Ion:105 Resp: 2771809
Ion Ratio Lower Upper
105 100
120 48.0 24.6 73.6





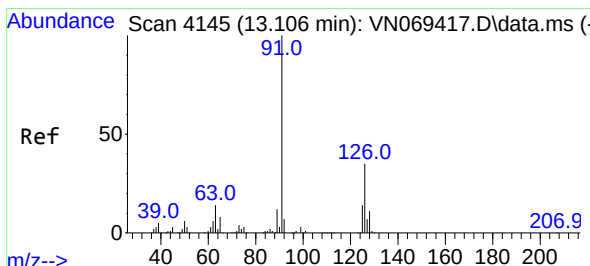
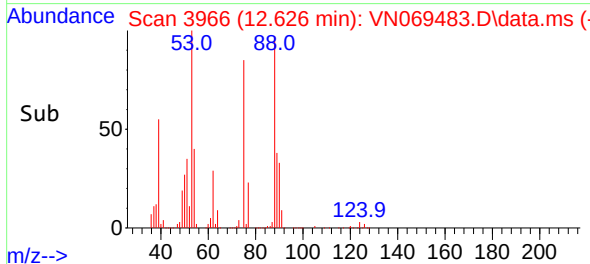
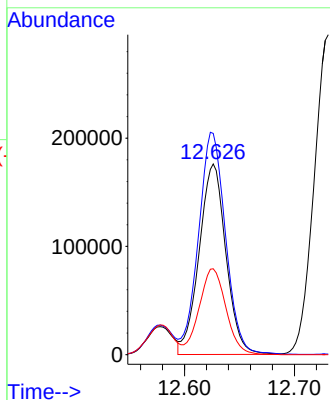
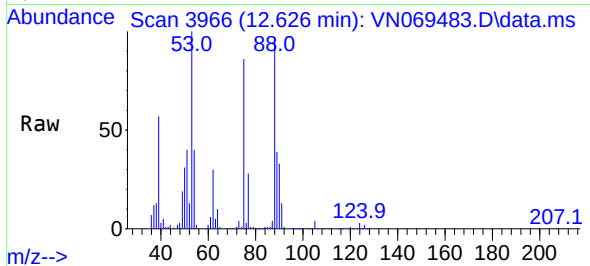
#81
trans-1,4-Dichloro-2-butene
Concen: 47.926 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 29786
Ion Ratio Lower Upper
75 100
53 117.5 90.5 135.7
89 45.0 38.2 57.4

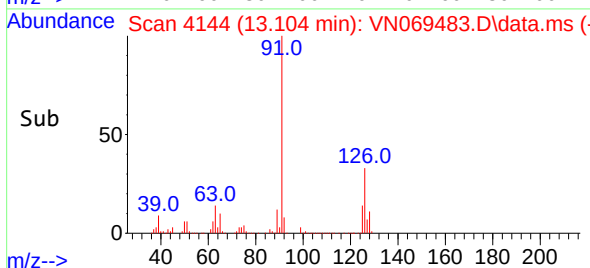
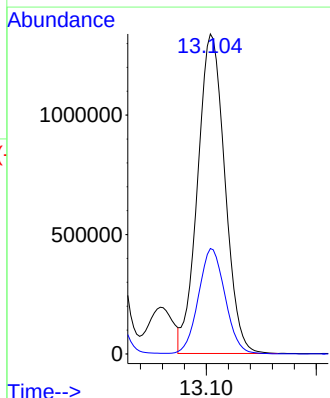
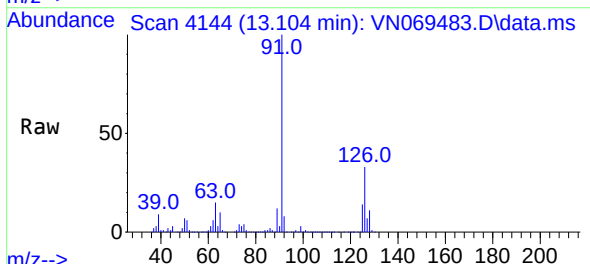
Manual Integrations
APPROVED

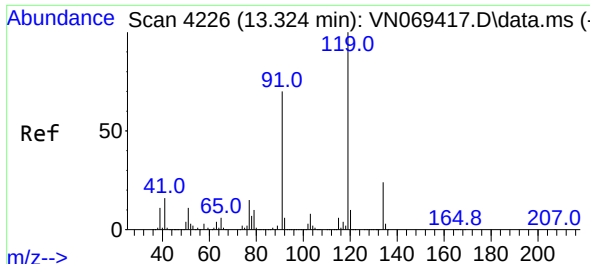
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#82
4-Chlorotoluene
Concen: 53.862 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

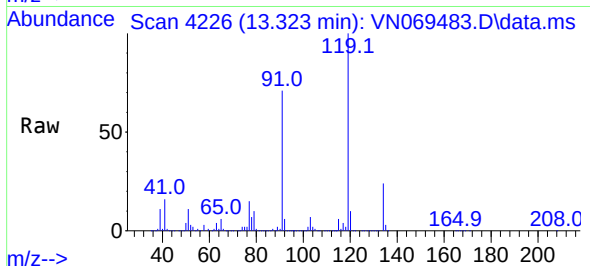
Tgt Ion: 91 Resp: 2296326
Ion Ratio Lower Upper
91 100
126 32.3 18.2 54.6





#83
tert-Butylbenzene
Concen: 54.169 ug/l
RT: 13.323 min Scan# 41
Delta R.T. -0.001 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

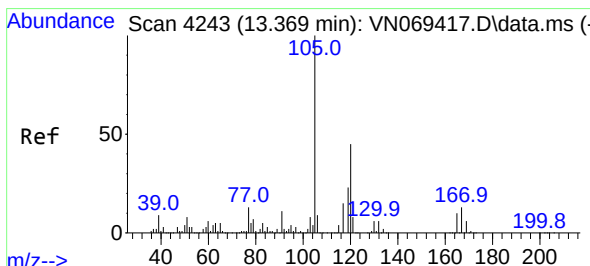
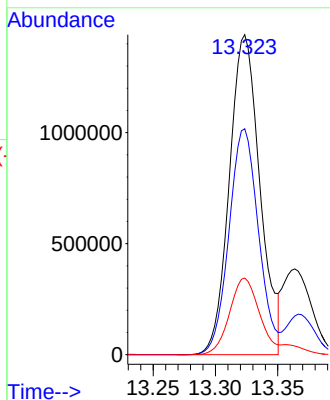
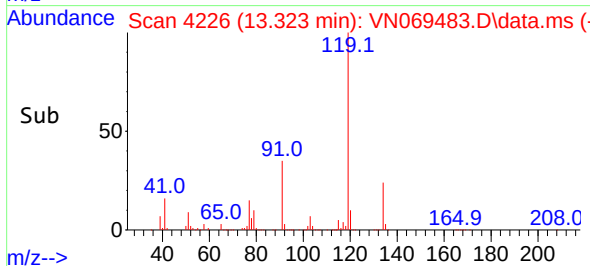
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



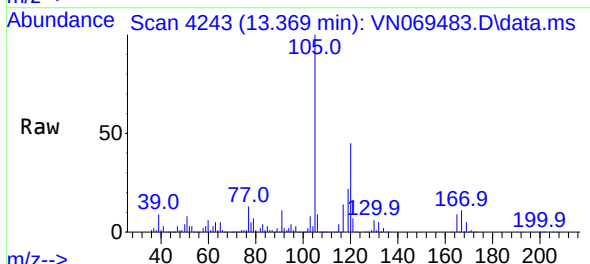
Tgt Ion:119 Resp: 246341
Ion Ratio Lower Upper
119 100
91 68.1 31.5 94.5
134 23.7 12.4 37.4

Manual Integrations
APPROVED

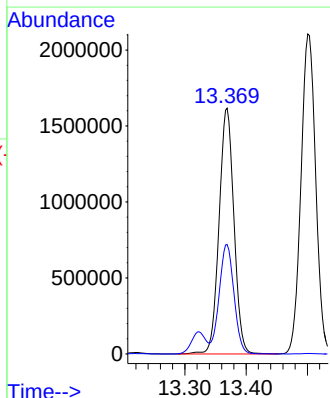
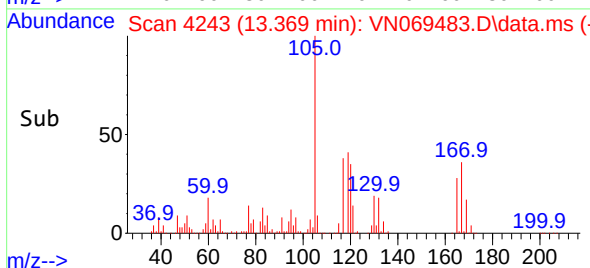
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

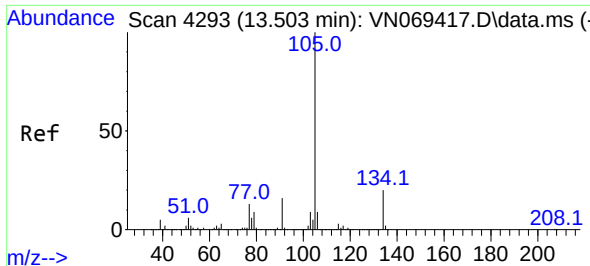


#84
1,2,4-Trimethylbenzene
Concen: 54.304 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29



Tgt Ion:105 Resp: 2720581
Ion Ratio Lower Upper
105 100
120 44.4 22.8 68.4





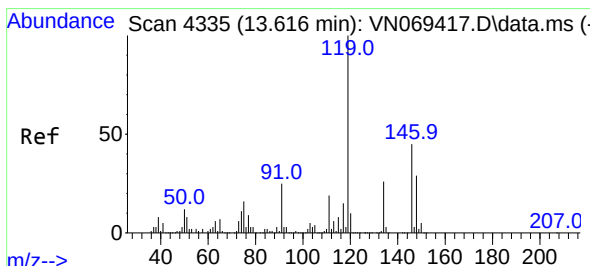
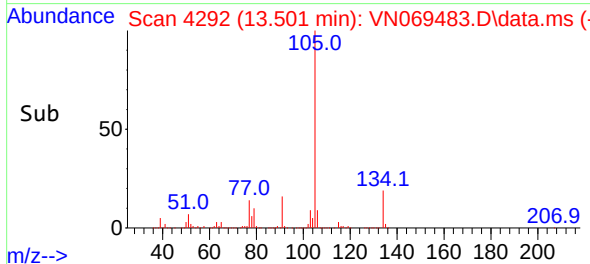
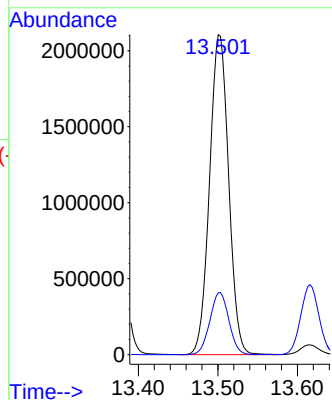
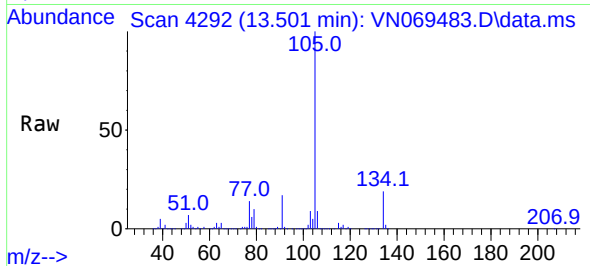
#85
 sec-Butylbenzene
 Concen: 55.206 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.002 min
 Lab File: VN069483.D
 Acq: 15 Nov 2021 10:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 350703
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

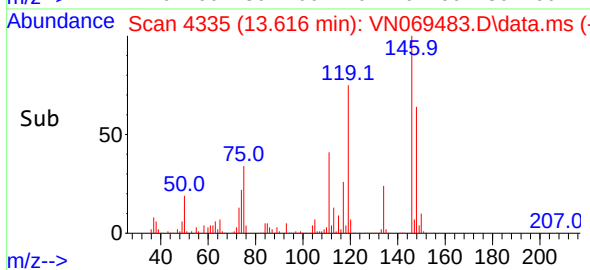
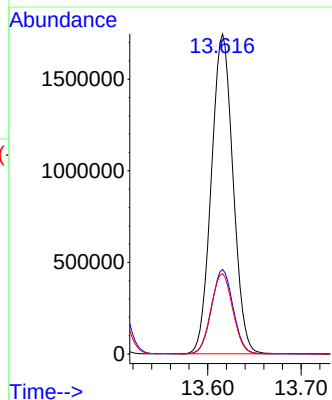
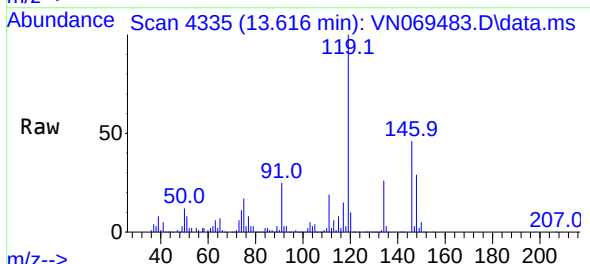
Manual Integrations
 APPROVED

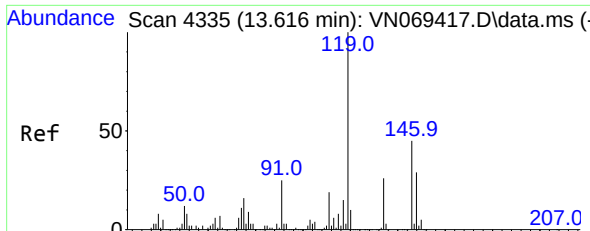
Reviewed By :John Carlone 11/16/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#86
 p-Isopropyltoluene
 Concen: 55.709 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069483.D
 Acq: 15 Nov 2021 10:29

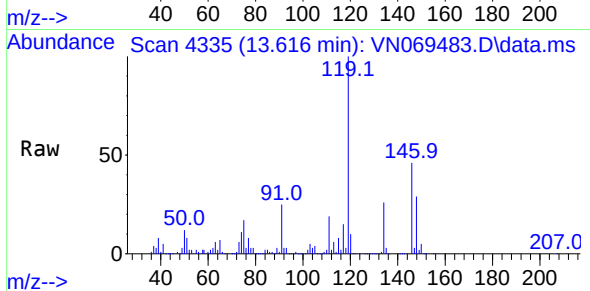
Tgt Ion:119 Resp: 2809415
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.6 40.7
 91 25.2 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 54.010 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

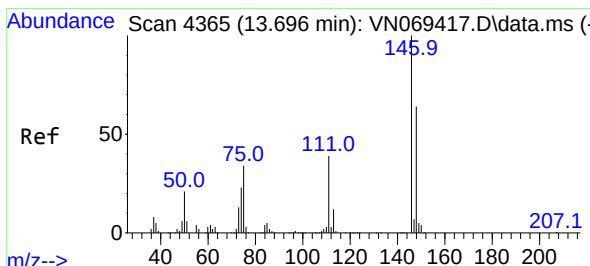
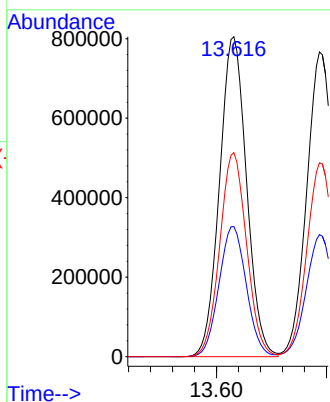
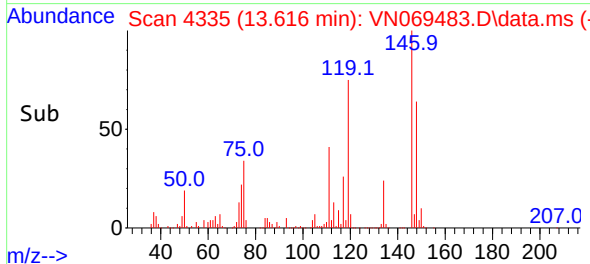
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



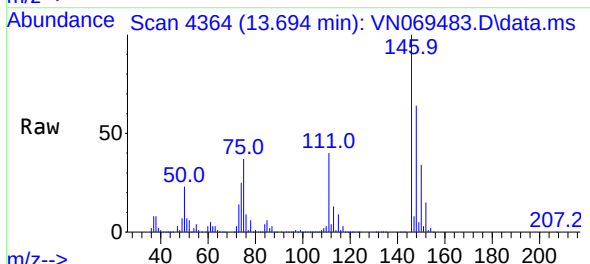
Tgt Ion:146 Resp: 137473
Ion Ratio Lower Upper
146 100
111 41.1 18.6 55.6
148 63.5 31.6 95.0

Manual Integrations
APPROVED

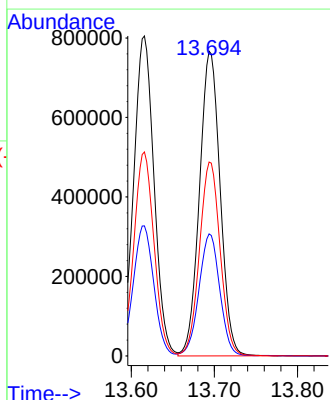
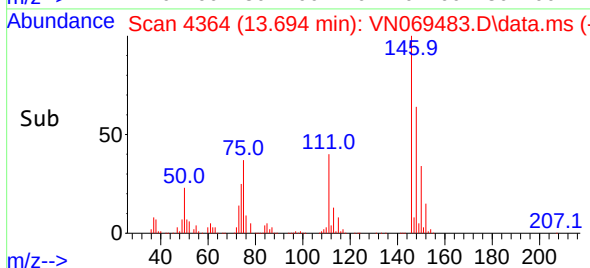
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

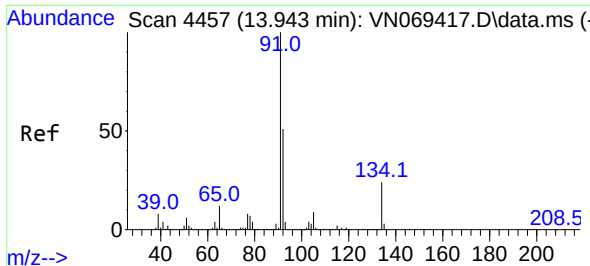


#88
1,4-Dichlorobenzene
Concen: 53.004 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29



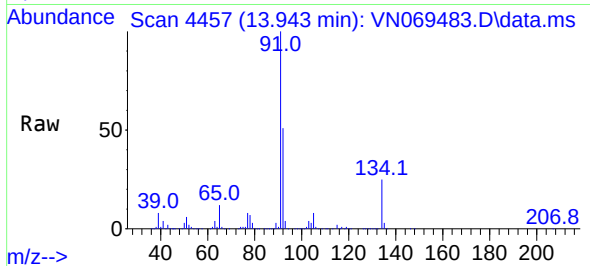
Tgt Ion:146 Resp: 1323514
Ion Ratio Lower Upper
146 100
111 40.1 18.3 54.8
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 56.582 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

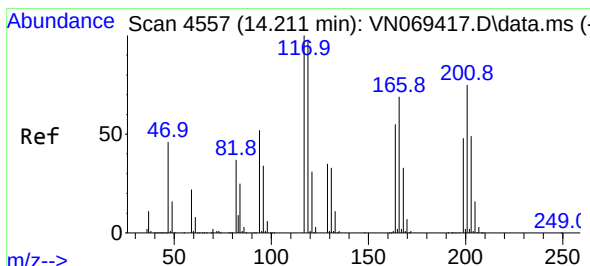
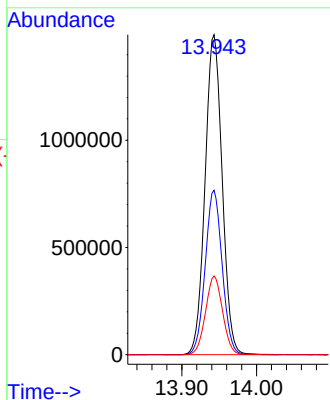
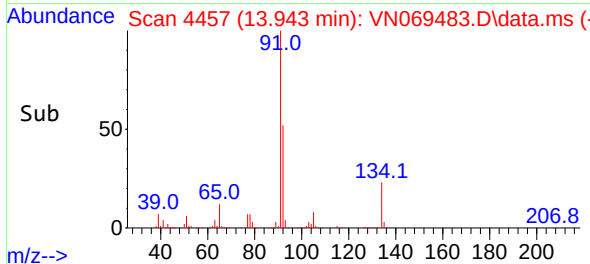
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



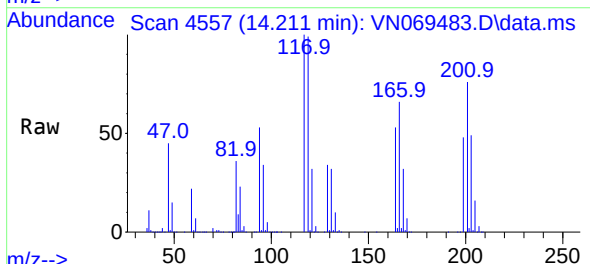
Tgt Ion: 91 Resp: 237953
Ion Ratio Lower Upper
91 100
92 50.9 25.4 76.0
134 24.5 13.6 40.8

Manual Integrations
APPROVED

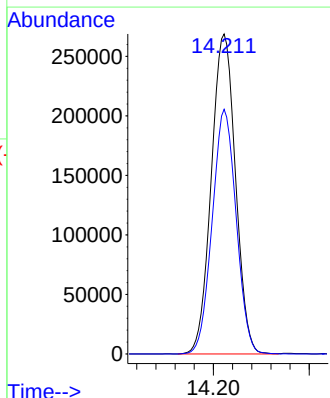
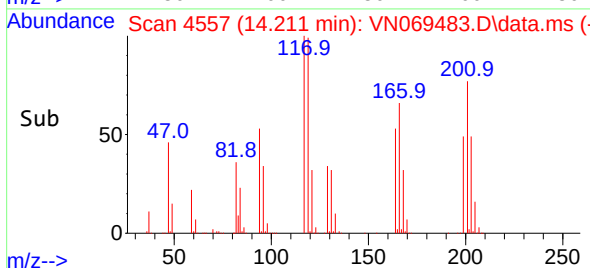
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

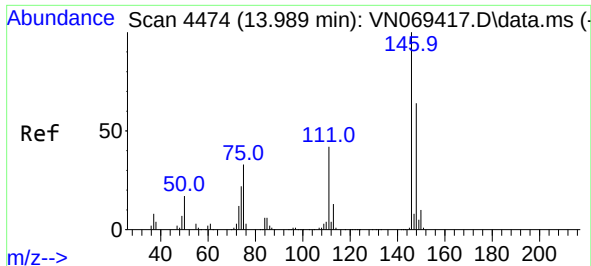


#90
Hexachloroethane
Concen: 50.755 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29



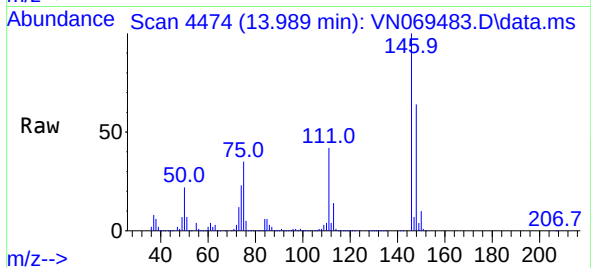
Tgt Ion:117 Resp: 470787
Ion Ratio Lower Upper
117 100
201 75.6 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 54.007 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

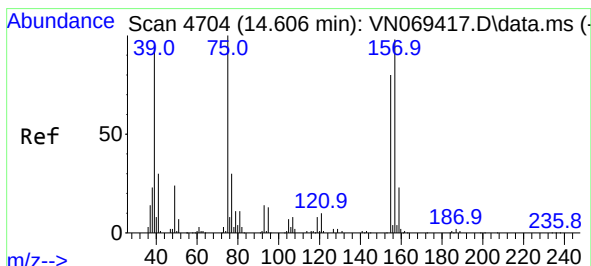
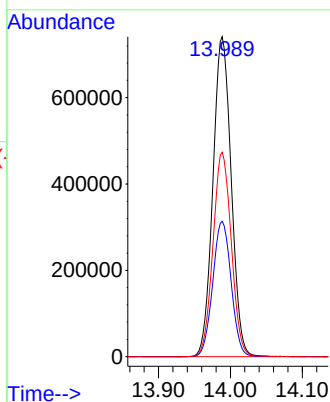
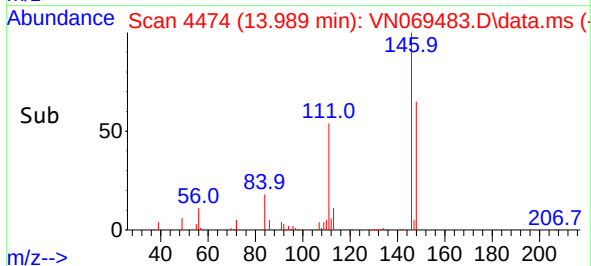
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



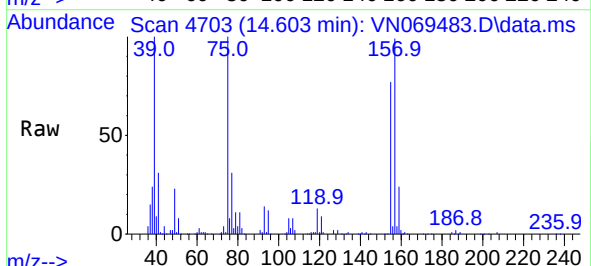
Tgt Ion:146 Resp: 1308059
Ion Ratio Lower Upper
146 100
111 42.6 19.1 57.3
148 64.0 32.1 96.3

Manual Integrations
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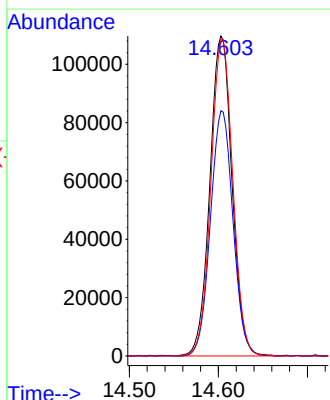
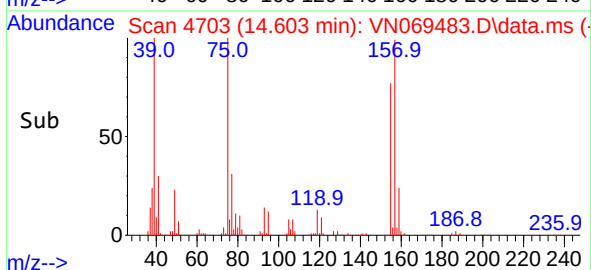
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

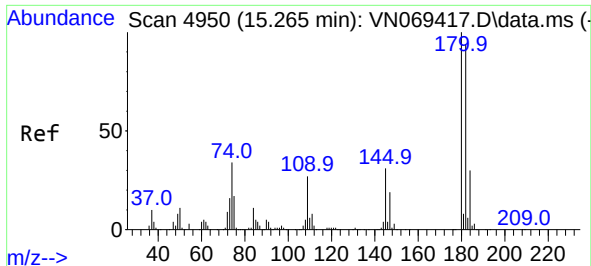


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.287 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29



Tgt Ion: 75 Resp: 189937
Ion Ratio Lower Upper
75 100
155 77.9 46.9 140.7
157 97.7 60.6 181.7





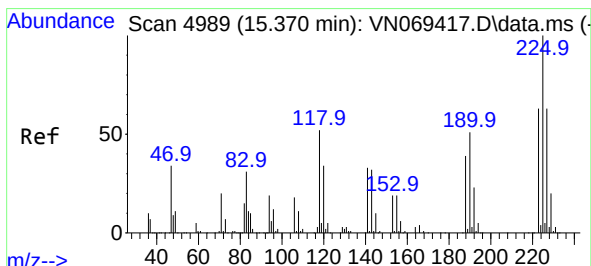
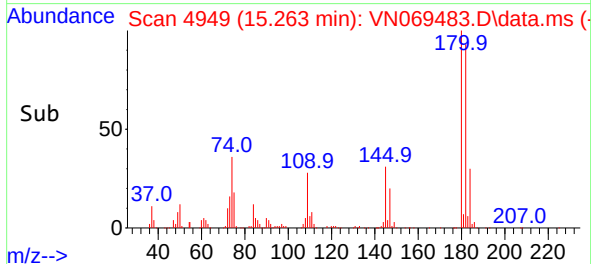
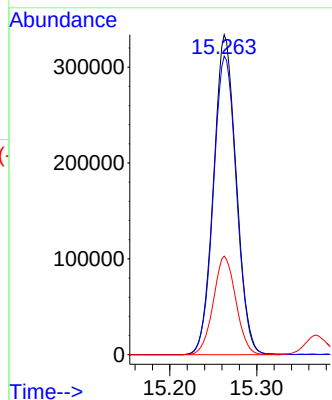
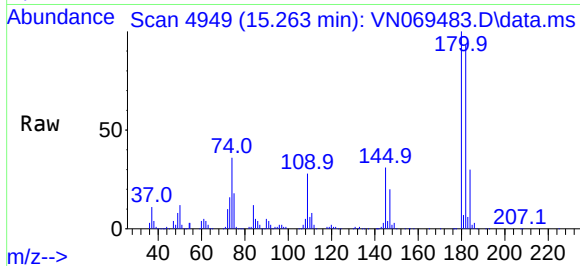
#93
1,2,4-Trichlorobenzene
Concen: 47.854 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 60547
Ion Ratio Lower Upper
180 100
182 95.1 48.3 144.9
145 30.6 14.5 43.5

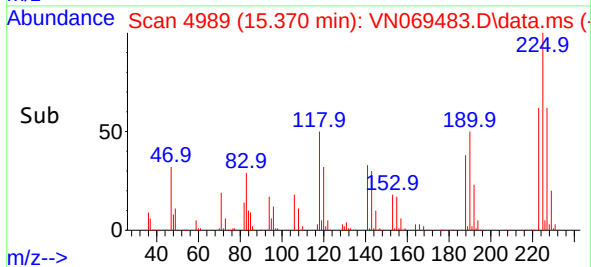
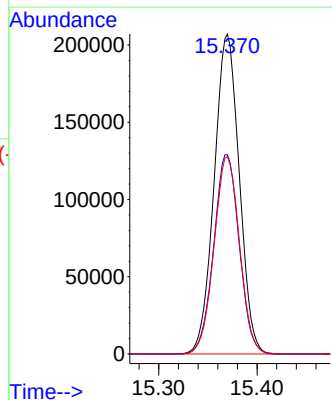
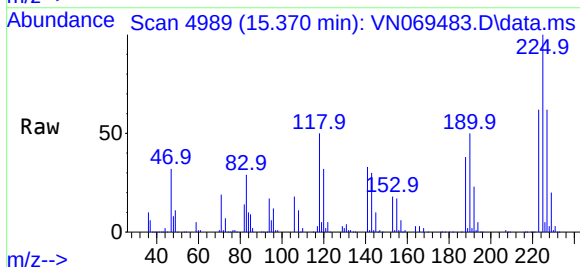
Manual Integrations
APPROVED

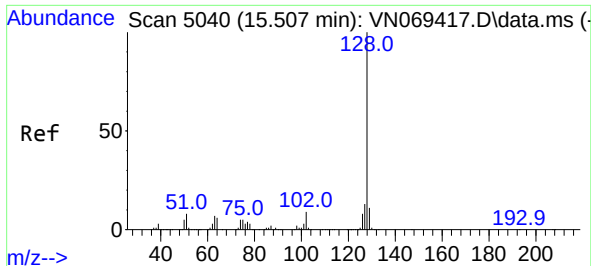
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#94
Hexachlorobutadiene
Concen: 58.423 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

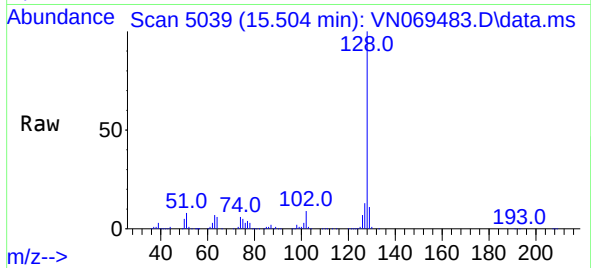
Tgt Ion:225 Resp: 367665
Ion Ratio Lower Upper
225 100
223 63.3 31.9 95.7
227 62.5 32.1 96.3





#95
Naphthalene
Concen: 42.060 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29

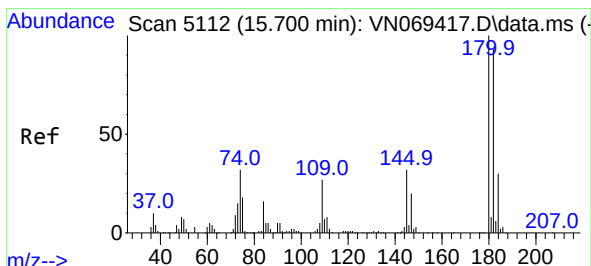
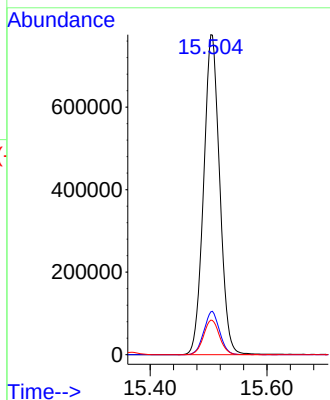
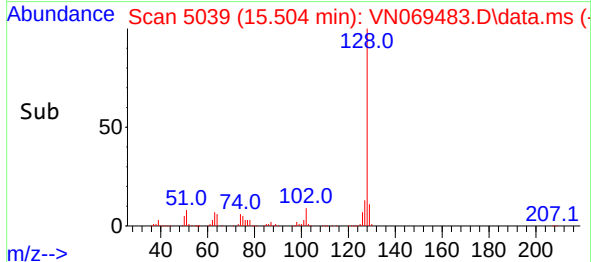
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



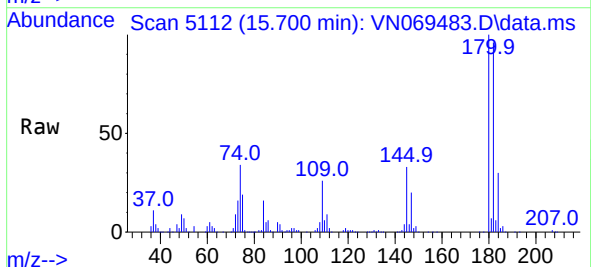
Tgt Ion:128 Resp: 147758
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#96
1,2,3-Trichlorobenzene
Concen: 47.567 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN069483.D
Acq: 15 Nov 2021 10:29



Tgt Ion:180 Resp: 575243
Ion Ratio Lower Upper
180 100
182 95.8 47.4 142.2
145 32.4 15.0 45.1

