

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091222\
 Data File : VN074409.D
 Acq On : 12 Sep 2022 13:11
 Operator : JC\MD
 Sample : MDL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/14/2022
 Supervised By : Mahesh Dadoda 09/14/2022

Quant Time: Sep 13 09:20:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 13 09:10:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	248304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	458306	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	394652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	163870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	219821	51.168	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.340%			
35) Dibromofluoromethane	7.951	113	163747	52.924	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.840%			
50) Toluene-d8	10.380	98	571671	47.419	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.840%			
62) 4-Bromofluorobenzene	12.674	95	182579	41.713	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 83.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	8472	2.633	ug/l	88
3) Chloromethane	2.263	50	13962	3.074	ug/l #	78
4) Vinyl Chloride	2.410	62	17159	3.192	ug/l #	86
5) Bromomethane	2.787	94	14425	3.840	ug/l	82
6) Chloroethane	2.957	64	10226m	2.569	ug/l	
7) Trichlorofluoromethane	3.310	101	15218	2.867	ug/l	86
8) Diethyl Ether	3.757	74	6635	2.962	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.134	101	8885	2.793	ug/l #	76
10) Methyl Iodide	4.351	142	9177	2.496	ug/l	94
11) Tert butyl alcohol	5.287	59	16631	14.800	ug/l	96
12) 1,1-Dichloroethene	4.110	96	8407	2.716	ug/l #	75
13) Acrolein	3.987	56	11133	14.915	ug/l	99
14) Allyl chloride	4.757	41	17446	2.570	ug/l	95
15) Acrylonitrile	5.469	53	32864	12.784	ug/l	94
16) Acetone	4.228	43	33338	14.374	ug/l	91
17) Carbon Disulfide	4.451	76	22376	2.660	ug/l #	94
18) Methyl Acetate	4.781	43	22658	3.314	ug/l	98
19) Methyl tert-butyl Ether	5.534	73	33594	2.697	ug/l #	90
20) Methylene Chloride	5.004	84	11364m	2.838	ug/l	
21) trans-1,2-Dichloroethene	5.510	96	8615	2.484	ug/l	87
22) Diisopropyl ether	6.416	45	33228	2.431	ug/l	98
23) Vinyl Acetate	6.345	43	150437	12.331	ug/l	95
24) 1,1-Dichloroethane	6.304	63	18643	2.654	ug/l #	95
25) 2-Butanone	7.257	43	52437	13.469	ug/l	91
26) 2,2-Dichloropropane	7.257	77	14616	2.300	ug/l	91
27) cis-1,2-Dichloroethene	7.257	96	10750	2.516	ug/l	92
28) Bromochloromethane	7.586	49	7578	3.033	ug/l #	84
29) Tetrahydrofuran	7.622	42	33854	13.154	ug/l	99
30) Chloroform	7.739	83	18572	2.649	ug/l	84
31) Cyclohexane	8.022	56	23054	3.374	ug/l #	66
32) 1,1,1-Trichloroethane	7.939	97	15555	2.473	ug/l	99
36) 1,1-Dichloropropene	8.151	75	13170	2.584	ug/l	99
37) Ethyl Acetate	7.345	43	19538	2.642	ug/l #	84
38) Carbon Tetrachloride	8.139	117	12857	2.443	ug/l #	86
39) Methylcyclohexane	9.392	83	15018	2.325	ug/l	99
40) Benzene	8.392	78	40511	2.596	ug/l	99

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Quant Time: Sep 13 09:20:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 13 09:10:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	8608	2.346	ug/l #	74
42) 1,2-Dichloroethane	8.463	62	16441	2.756	ug/l	87
43) Isopropyl Acetate	8.498	43	29038	2.401	ug/l	98
44) Trichloroethene	9.151	130	11522	3.293	ug/l	70
45) 1,2-Dichloropropane	9.422	63	11211	2.706	ug/l #	86
46) Dibromomethane	9.516	93	7199	2.538	ug/l	94
47) Bromodichloromethane	9.698	83	14313	2.531	ug/l #	97
48) Methyl methacrylate	9.492	41	13549	2.542	ug/l	99
49) 1,4-Dioxane	9.510	88	6809	60.630	ug/l	92
51) 4-Methyl-2-Pentanone	10.269	43	101621	12.851	ug/l	94
52) Toluene	10.445	92	23516	2.437	ug/l	94
53) t-1,3-Dichloropropene	10.663	75	13502	2.165	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	16022	2.410	ug/l #	81
55) 1,1,2-Trichloroethane	10.845	97	8969	2.254	ug/l	91
56) Ethyl methacrylate	10.704	69	15436	2.284	ug/l	87
57) 1,3-Dichloropropane	10.986	76	17133	2.464	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.980	63	37345	11.876	ug/l	96
59) 2-Hexanone	11.027	43	74027	12.131	ug/l	97
60) Dibromochloromethane	11.180	129	10007	2.484	ug/l	93
61) 1,2-Dibromoethane	11.292	107	10013	2.446	ug/l	91
64) Tetrachloroethene	10.910	164	7151	2.673	ug/l #	75
65) Chlorobenzene	11.710	112	24820	2.608	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.780	131	9821	2.642	ug/l	91
67) Ethyl Benzene	11.786	91	43698	2.431	ug/l #	86
68) m/p-Xylenes	11.892	106	32076	4.747	ug/l	98
69) o-Xylene	12.221	106	16264	2.395	ug/l	100
70) Styrene	12.245	104	24135	2.235	ug/l	94
71) Bromoform	12.392	173	7022	2.522	ug/l #	100
73) Isopropylbenzene	12.521	105	39052	2.480	ug/l	99
74) N-amyl acetate	12.339	43	22770	2.484	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.768	83	17143	2.897	ug/l	97
76) 1,2,3-Trichloropropane	12.827	75	9631m	2.248	ug/l	
77) Bromobenzene	12.804	156	9694	2.868	ug/l	86
78) n-propylbenzene	12.863	91	42822	2.374	ug/l	99
79) 2-Chlorotoluene	12.951	91	29213	2.657	ug/l	96
80) 1,3,5-Trimethylbenzene	13.004	105	30488	2.334	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.574	75	4469	2.325	ug/l #	84
82) 4-Chlorotoluene	13.051	91	27059	2.550	ug/l	97
83) tert-Butylbenzene	13.268	119	28592	2.431	ug/l	92
84) 1,2,4-Trimethylbenzene	13.315	105	31746	2.452	ug/l	98
85) sec-Butylbenzene	13.445	105	37097	2.318	ug/l	96
86) p-Isopropyltoluene	13.557	119	27912	2.179	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	15802	2.529	ug/l	95
88) 1,4-Dichlorobenzene	13.639	146	15601	2.471	ug/l	77
89) n-Butylbenzene	13.886	91	23054	2.115	ug/l	98
90) Hexachloroethane	14.157	117	6559	2.424	ug/l	95
91) 1,2-Dichlorobenzene	13.927	146	16626	2.530	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.551	75	4377	2.718	ug/l	92
93) 1,2,4-Trichlorobenzene	15.198	180	7909	2.415	ug/l	98
94) Hexachlorobutadiene	15.298	225	4142	2.791	ug/l	94
95) Naphthalene	15.445	128	29616	2.312	ug/l	94
96) 1,2,3-Trichlorobenzene	15.633	180	8133	2.400	ug/l	90

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MDL02

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

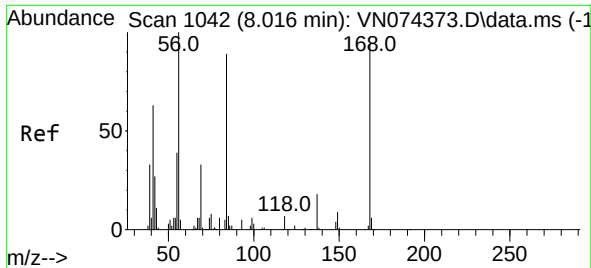
Quant Time: Sep 13 09:20:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 13 09:10:07 2022
Response via : Initial Calibration

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

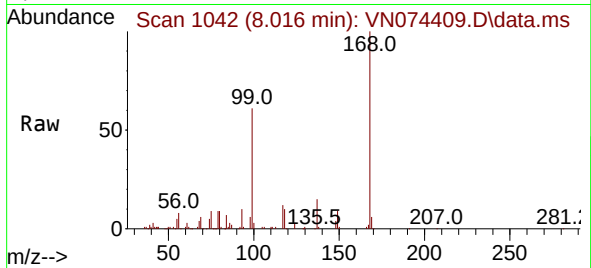
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

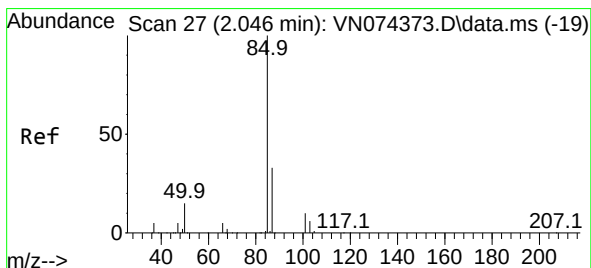
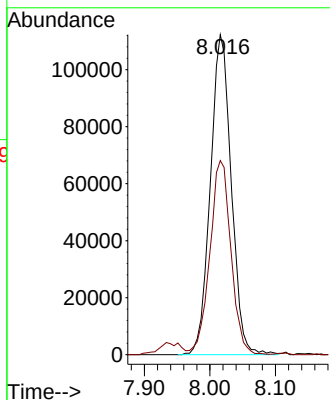
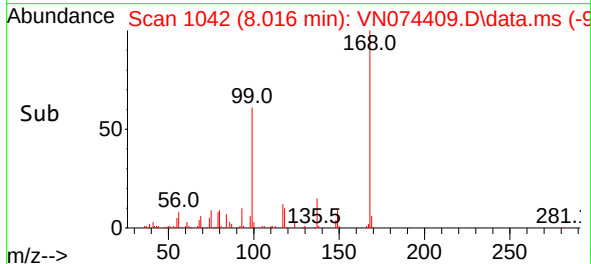
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion:168 Resp: 248304
Ion Ratio Lower Upper
168 100
99 60.2 52.8 79.2

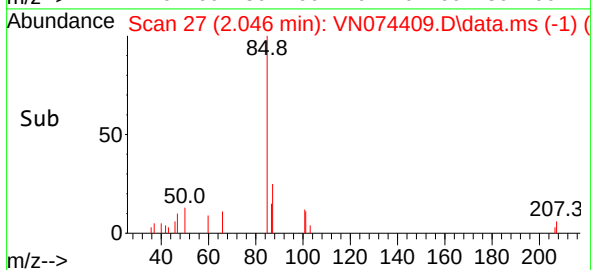
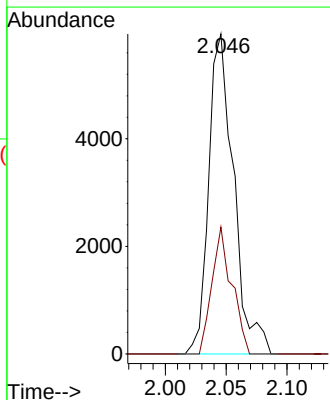
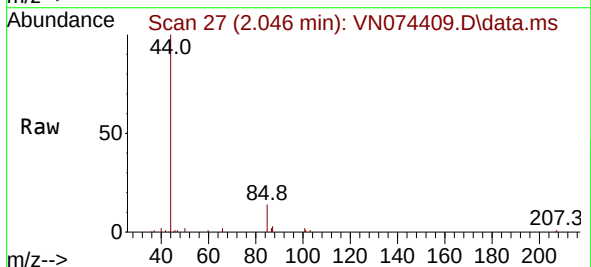
Manual Integrations
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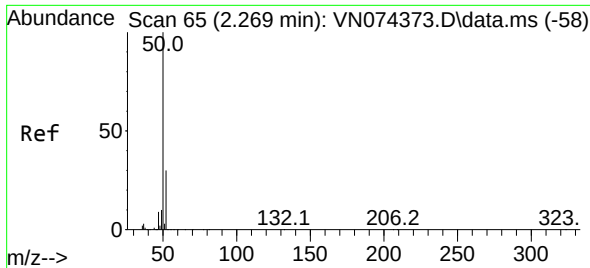
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#2
Dichlorodifluoromethane
Concen: 2.633 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

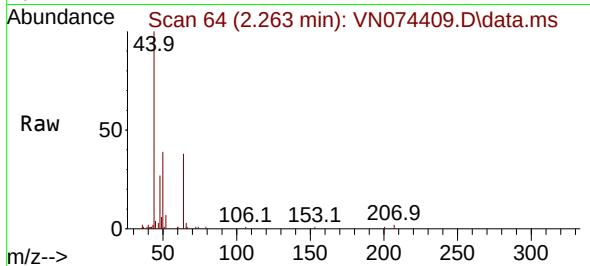
Tgt Ion: 85 Resp: 8472
Ion Ratio Lower Upper
85 100
87 39.6 16.4 49.2





#3
Chloromethane
Concen: 3.074 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

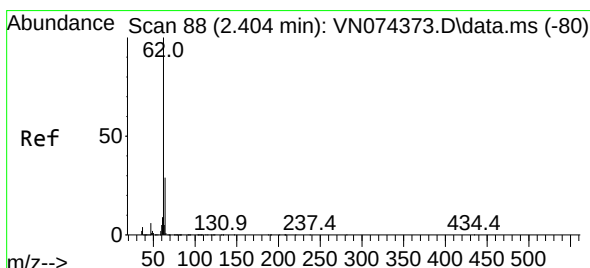
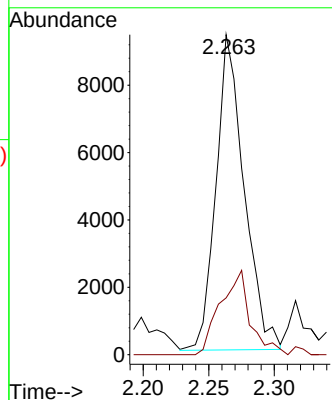
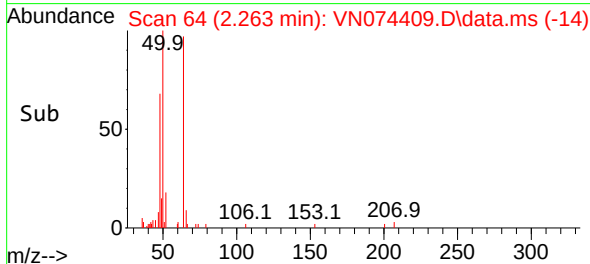
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion: 50 Resp: 13962
Ion Ratio Lower Upper
50 100
52 18.0 24.1 36.1

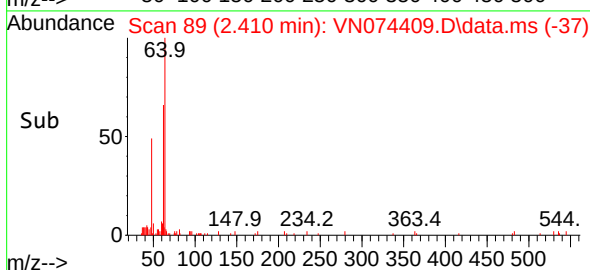
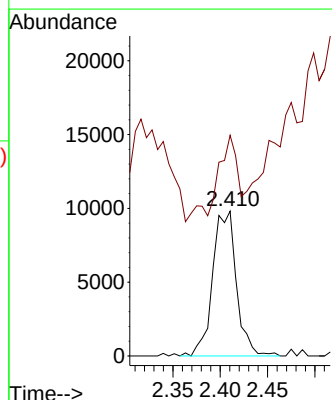
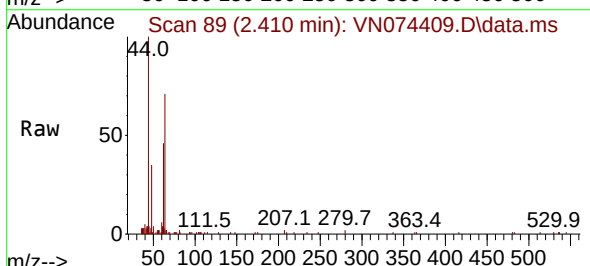
Manual Integrations
APPROVED

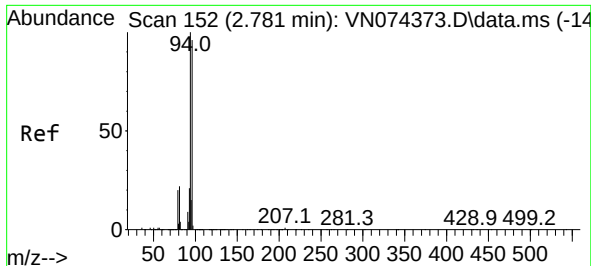
Reviewed By :John Carlone 09/14/2022
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#4
Vinyl Chloride
Concen: 3.192 ug/l
RT: 2.410 min Scan# 89
Delta R.T. 0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

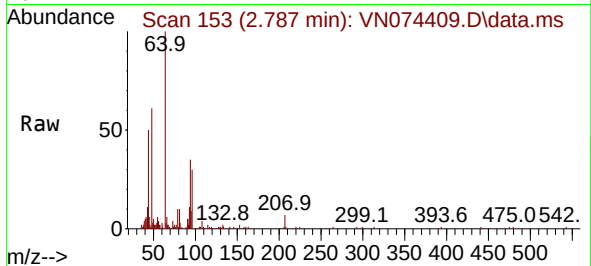
Tgt Ion: 62 Resp: 17159
Ion Ratio Lower Upper
62 100
64 36.9 23.5 35.3





#5
Bromomethane
Concen: 3.840 ug/l
RT: 2.787 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

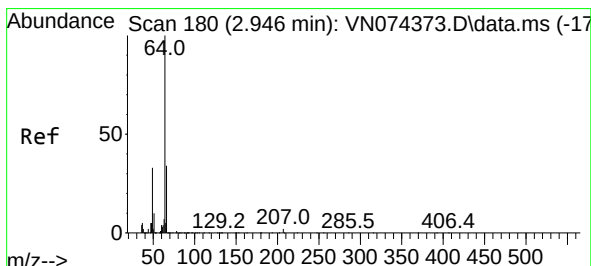
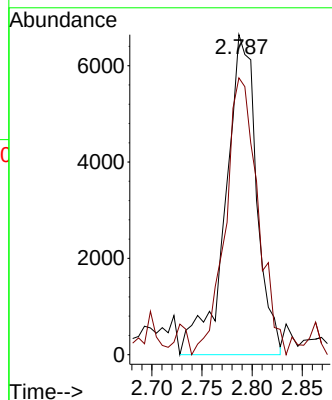
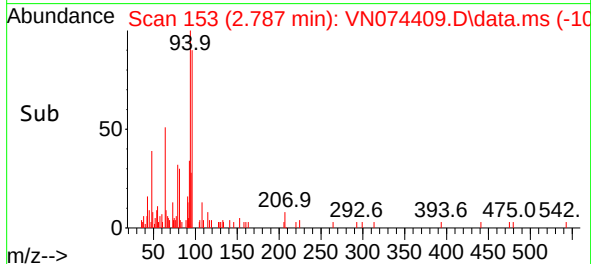
Instrument :
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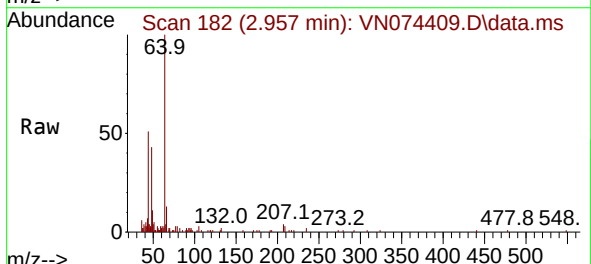
Tgt Ion: 94 Resp: 1442
Ion Ratio Lower Upper
94 100
96 78.6 76.7 115.1

Manual Integrations
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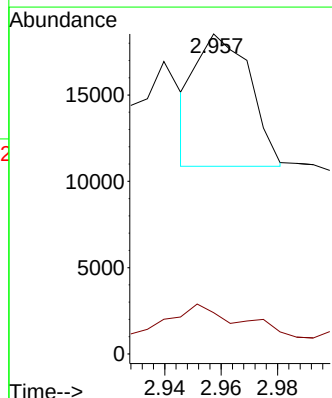
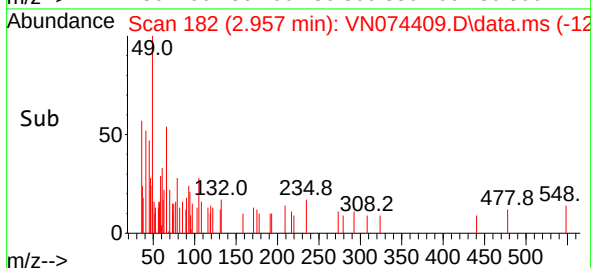
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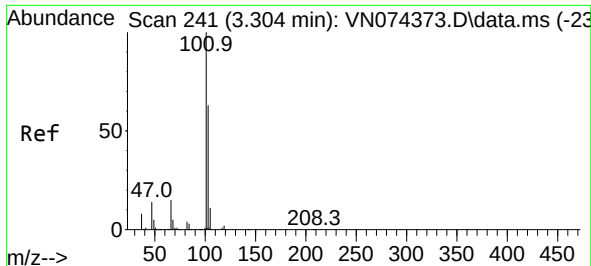


#6
Chloroethane
Concen: 2.569 ug/l m
RT: 2.957 min Scan# 182
Delta R.T. 0.011 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11



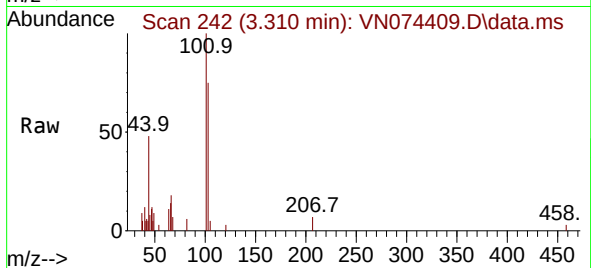
Tgt Ion: 64 Resp: 10226
Ion Ratio Lower Upper
64 100
66 12.9 26.5 39.7#





#7
Trichlorofluoromethane
Concen: 2.867 ug/l
RT: 3.310 min Scan# 241
Delta R.T. 0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

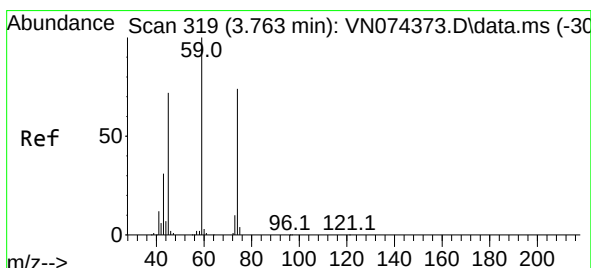
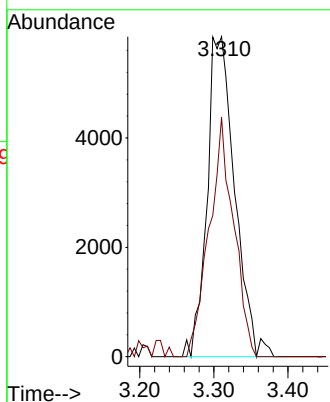
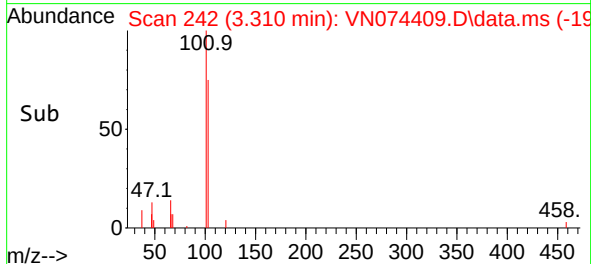
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion:101 Resp: 15218
Ion Ratio Lower Upper
101 100
103 74.8 50.8 76.2

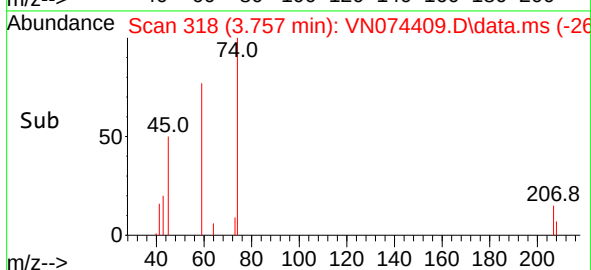
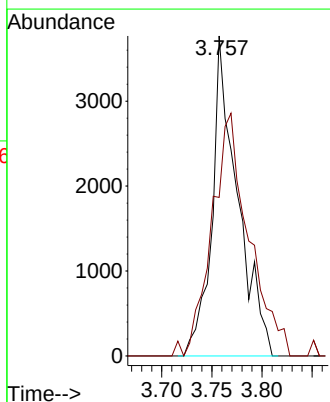
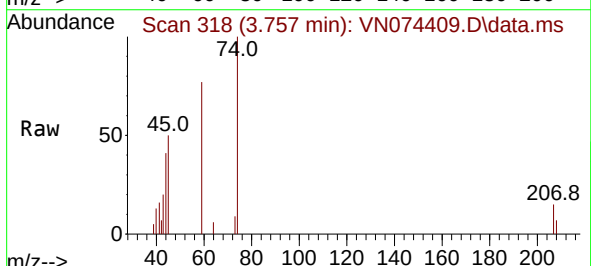
Manual Integrations
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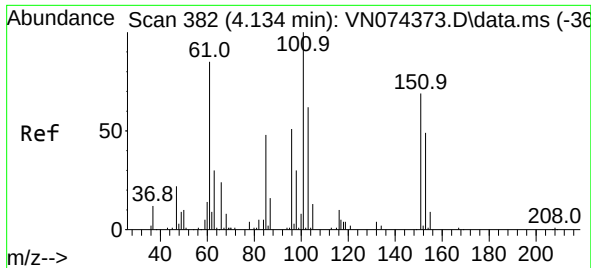
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#8
Diethyl Ether
Concen: 2.962 ug/l
RT: 3.757 min Scan# 318
Delta R.T. -0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

Tgt Ion: 74 Resp: 6635
Ion Ratio Lower Upper
74 100
45 110.6 52.4 157.3





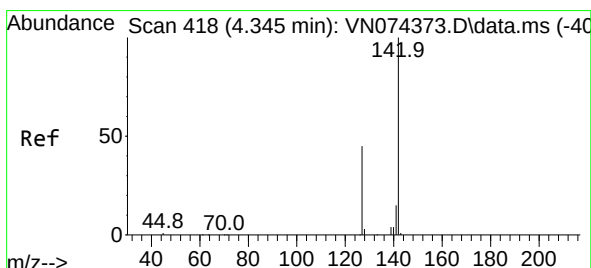
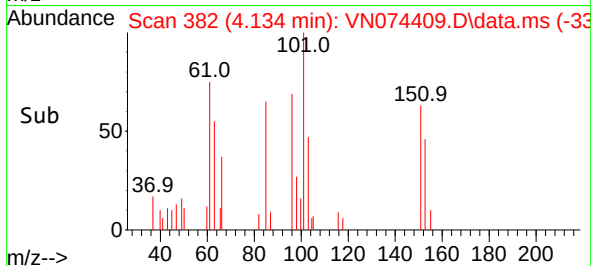
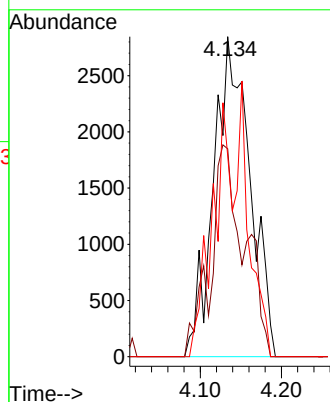
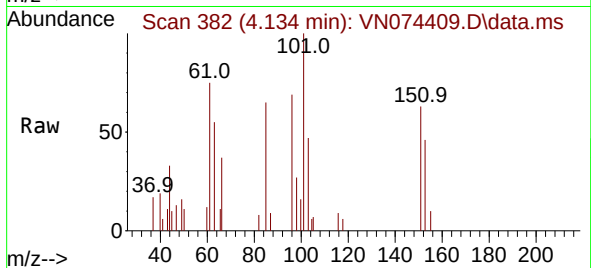
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.793 ug/l
RT: 4.134 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

Instrument :
MSVOA_N
ClientSampleId :
MDL02

Tgt Ion:101 Resp: 888
Ion Ratio Lower Upper
101 100
85 46.6 39.5 59.3
151 40.8 57.8 86.6

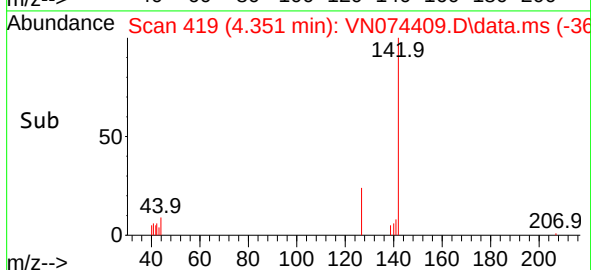
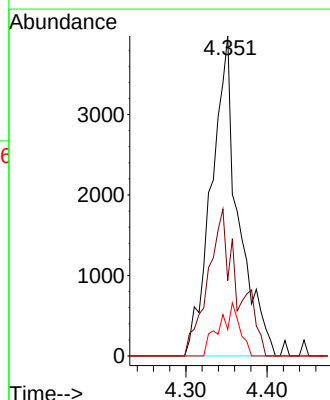
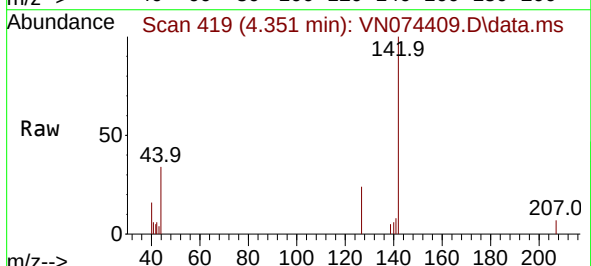
Manual Integrations
APPROVED

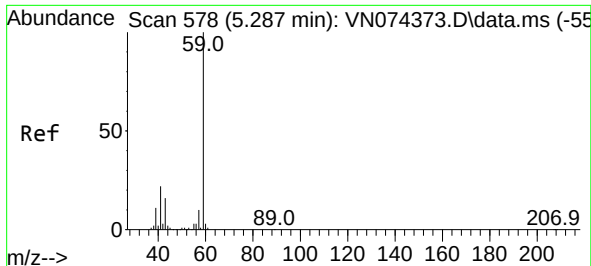
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#10
Methyl Iodide
Concen: 2.496 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

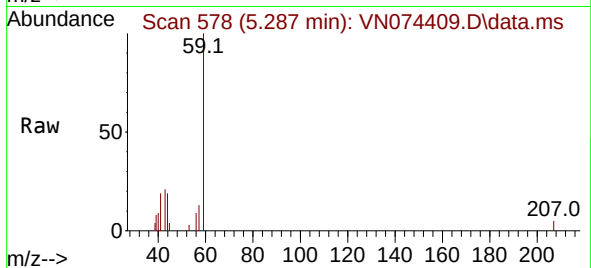
Tgt Ion:142 Resp: 9177
Ion Ratio Lower Upper
142 100
127 42.6 37.4 56.2
141 12.5 11.2 16.8





#11
Tert butyl alcohol
Concen: 14.800 ug/l
RT: 5.287 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

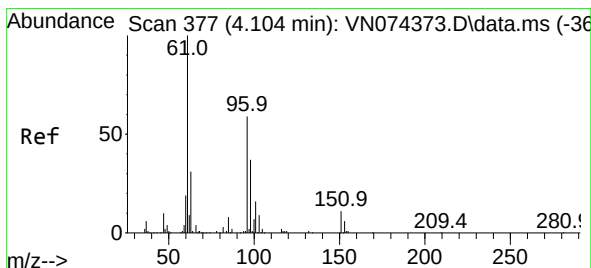
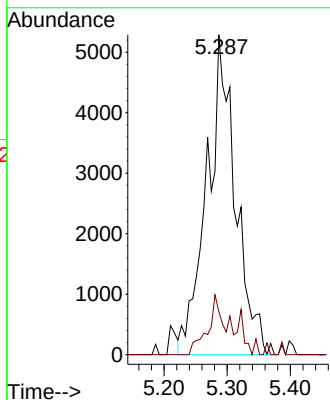
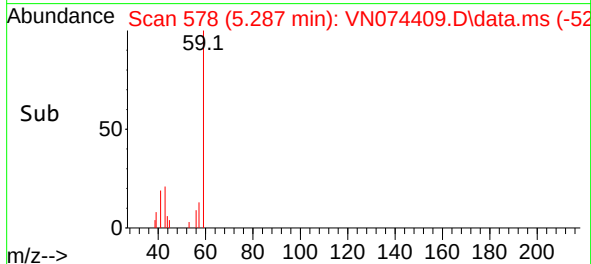
Instrument :
MSVOA_N
ClientSampleId :
MDL02



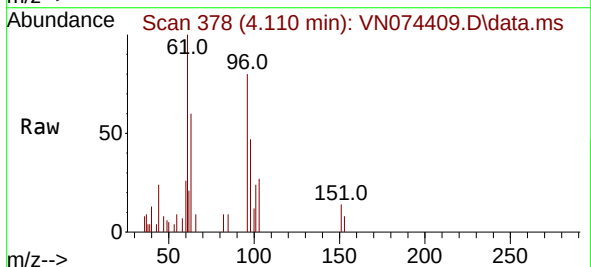
Tgt Ion: 59 Resp: 1663
Ion Ratio Lower Upper
59 100
57 9.4 8.8 13.2

Manual Integrations
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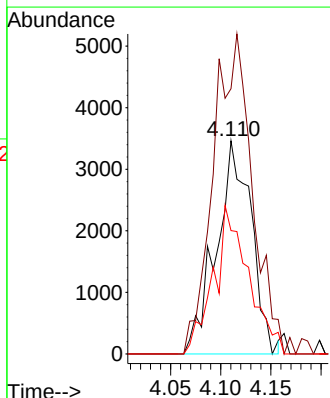
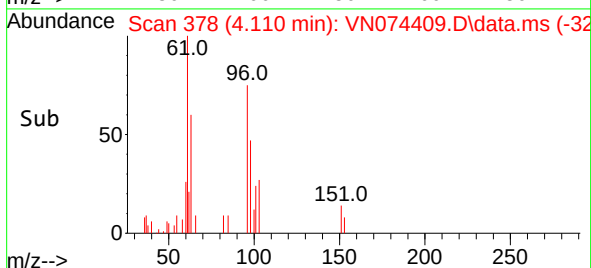
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

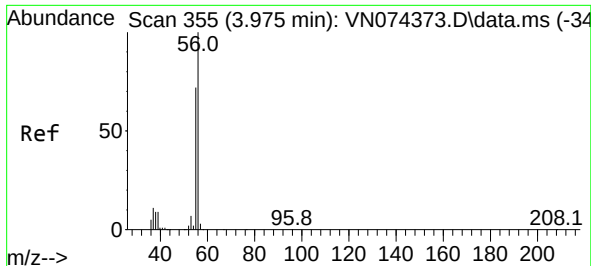


#12
1,1-Dichloroethene
Concen: 2.716 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11



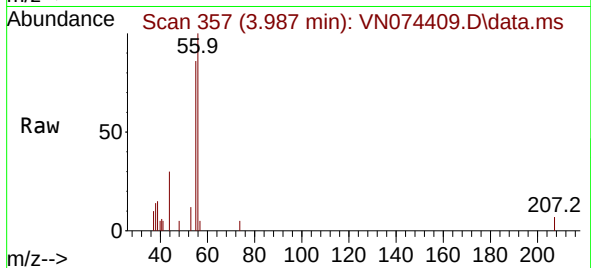
Tgt Ion: 96 Resp: 8407
Ion Ratio Lower Upper
96 100
61 124.5 134.7 202.1#
98 57.9 50.2 75.4





#13
Acrolein
Concen: 14.915 ug/l
RT: 3.987 min Scan# 355
Delta R.T. 0.012 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

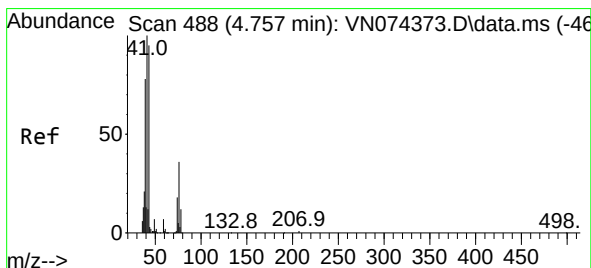
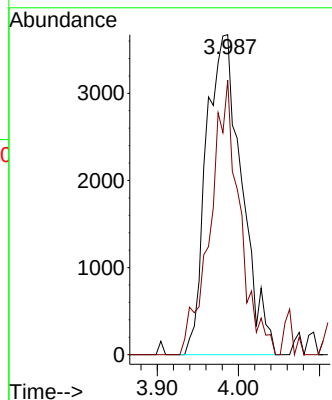
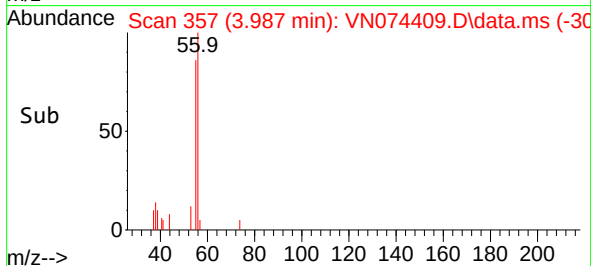
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion: 56 Resp: 1113
Ion Ratio Lower Upper
56 100
55 70.9 56.2 84.4

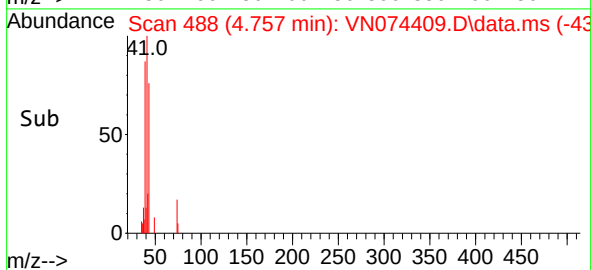
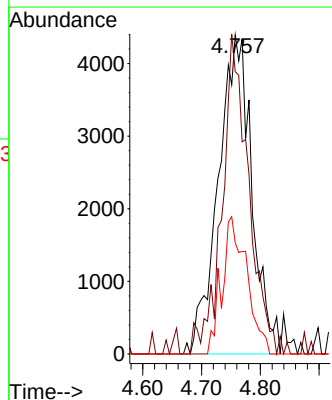
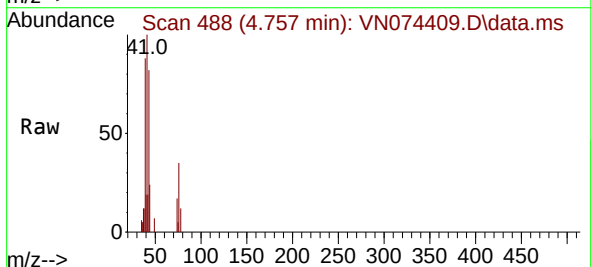
Manual Integrations
APPROVED

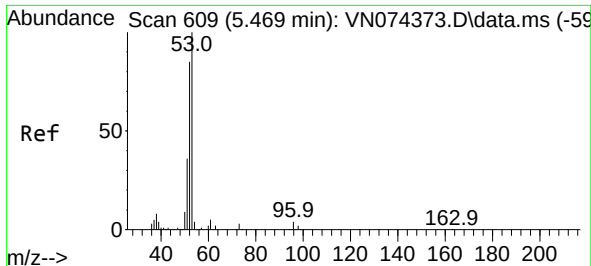
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#14
Allyl chloride
Concen: 2.570 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

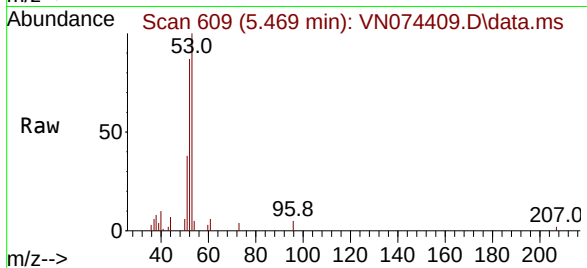
Tgt Ion: 41 Resp: 17446
Ion Ratio Lower Upper
41 100
39 77.7 58.5 87.7
76 31.7 24.2 36.4





#15
Acrylonitrile
Concen: 12.784 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

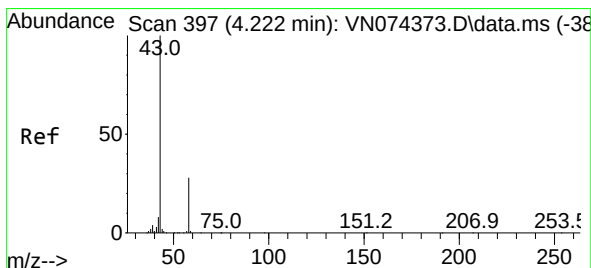
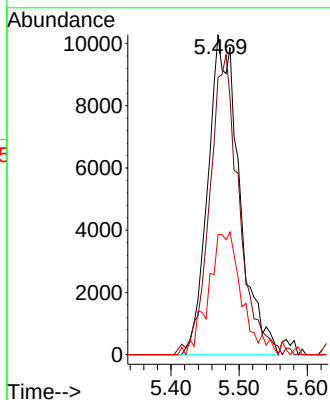
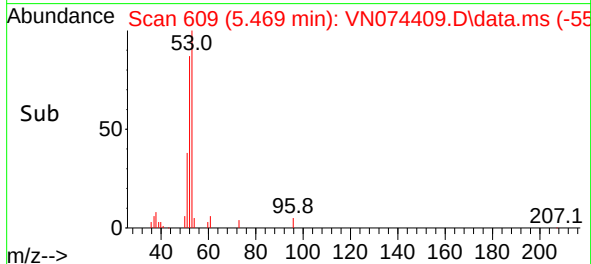
Instrument :
MSVOA_N
ClientSampleId :
MDL02



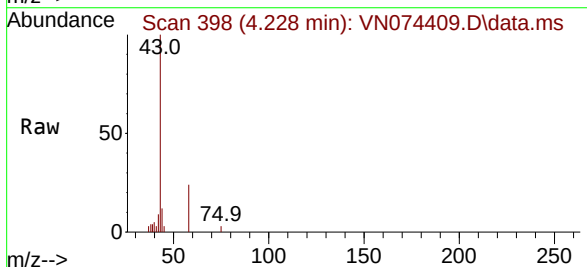
Tgt Ion: 53 Resp: 32864
Ion Ratio Lower Upper
53 100
52 87.6 65.9 98.9
51 40.6 29.4 44.2

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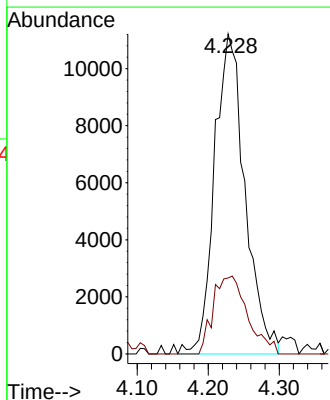
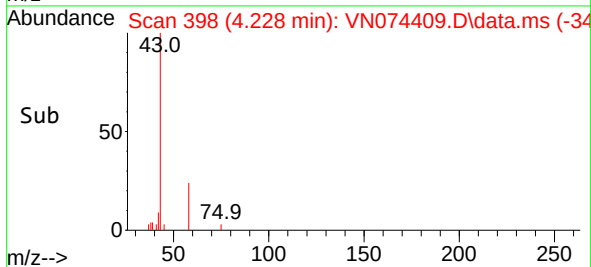
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

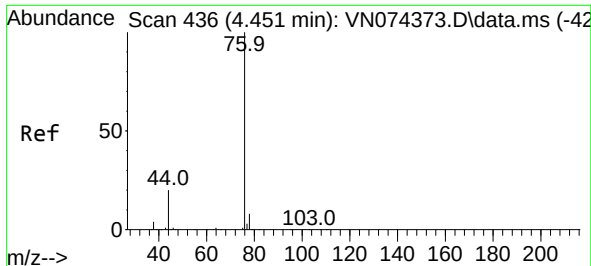


#16
Acetone
Concen: 14.374 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11



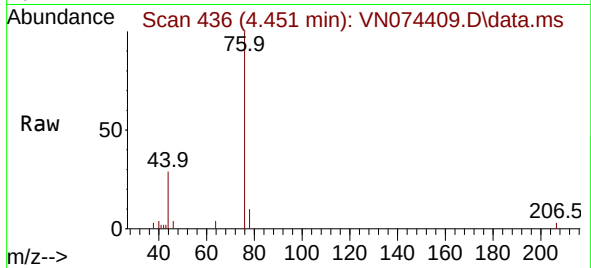
Tgt Ion: 43 Resp: 33338
Ion Ratio Lower Upper
43 100
58 23.7 22.7 34.1





#17
Carbon Disulfide
Concen: 2.660 ug/l
RT: 4.451 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

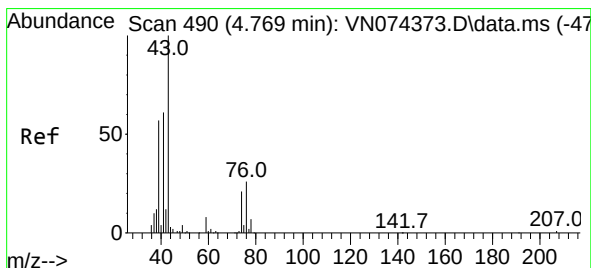
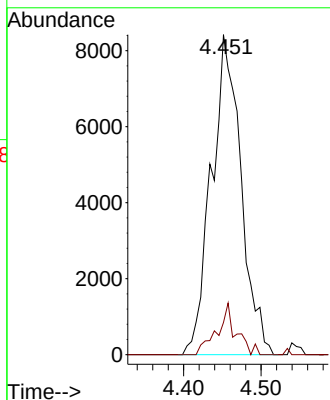
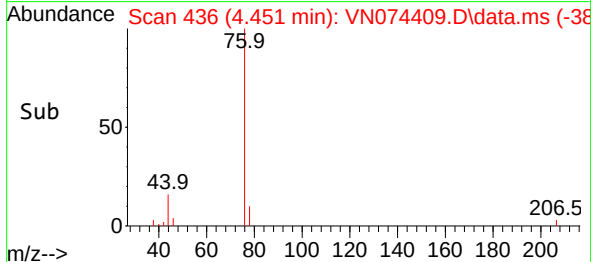
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion: 76 Resp: 22370
Ion Ratio Lower Upper
76 100
78 10.0 6.5 9.7

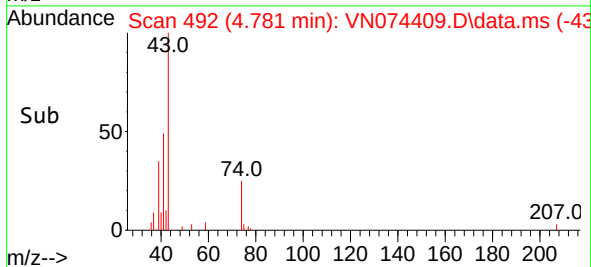
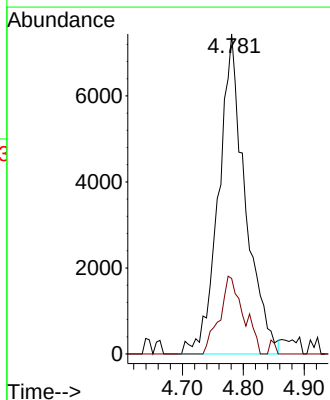
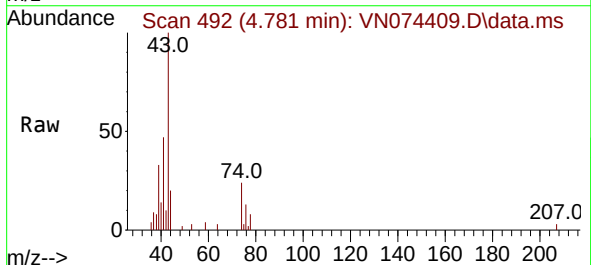
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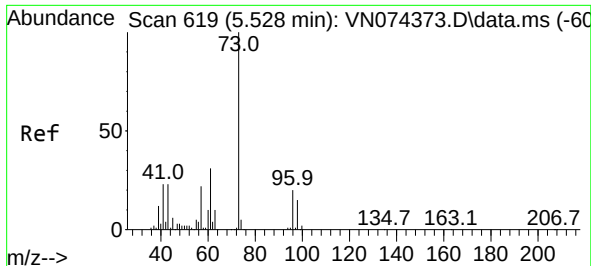
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#18
Methyl Acetate
Concen: 3.314 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.012 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

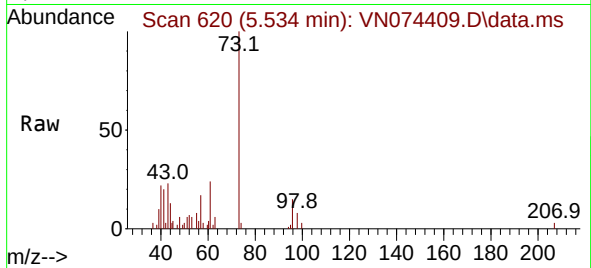
Tgt Ion: 43 Resp: 22658
Ion Ratio Lower Upper
43 100
74 21.7 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 2.697 ug/l
RT: 5.534 min Scan# 619
Delta R.T. 0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

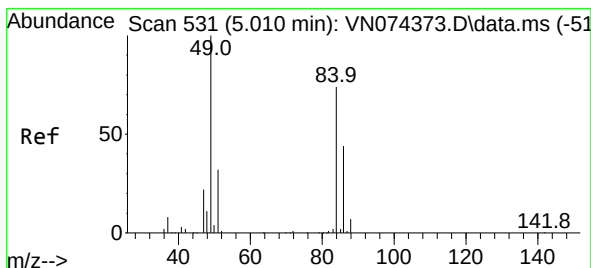
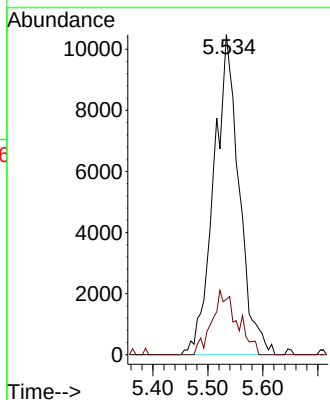
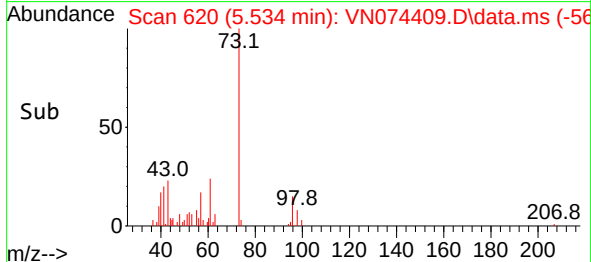
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion: 73 Resp: 33594
Ion Ratio Lower Upper
73 100
57 17.3 17.7 26.5

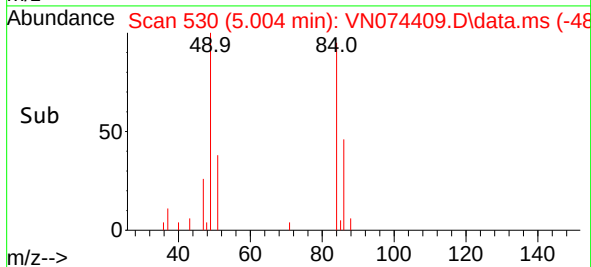
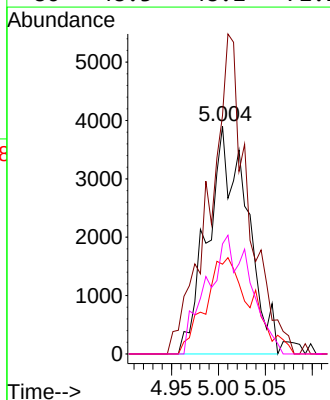
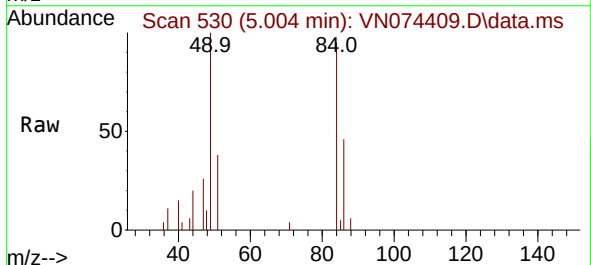
Manual Integrations
APPROVED

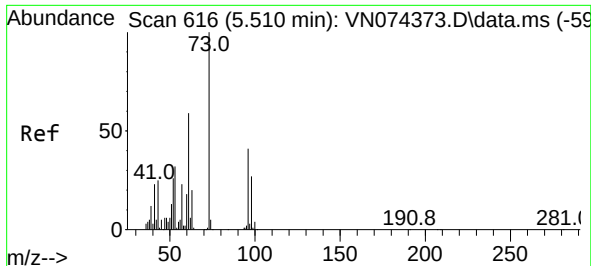
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#20
Methylene Chloride
Concen: 2.838 ug/l m
RT: 5.004 min Scan# 530
Delta R.T. -0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

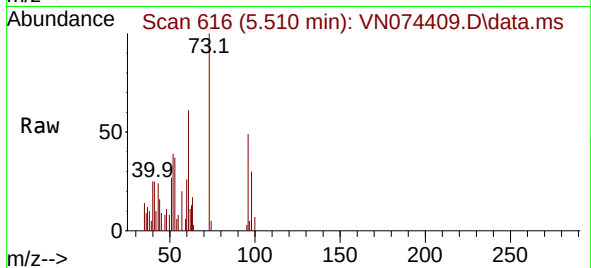
Tgt Ion: 84 Resp: 11364
Ion Ratio Lower Upper
84 100
49 104.7 108.2 162.4#
51 39.4 34.3 51.5
86 48.3 48.2 72.2





#21
trans-1,2-Dichloroethene
Concen: 2.484 ug/l
RT: 5.510 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

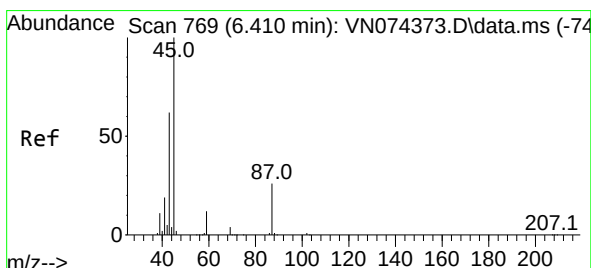
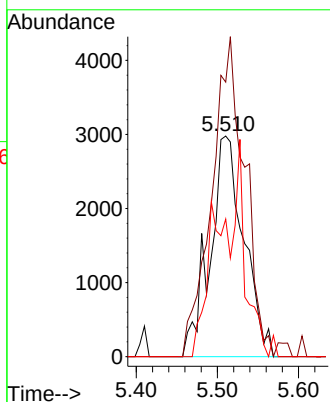
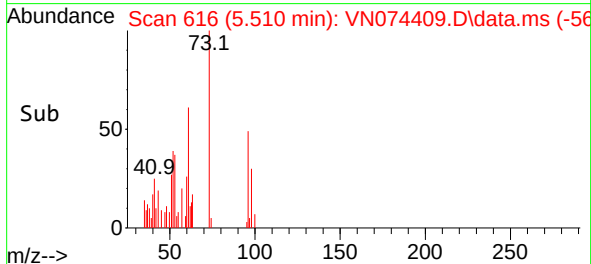
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion: 96 Resp: 861
Ion Ratio Lower Upper
96 100
61 124.5 115.3 172.9
98 62.4 53.4 80.0

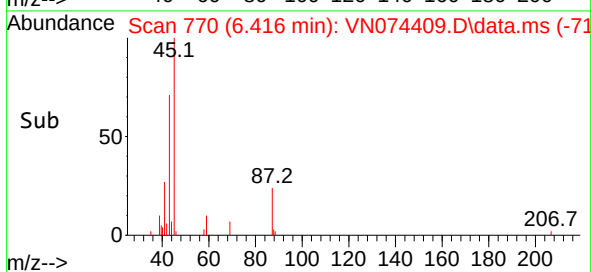
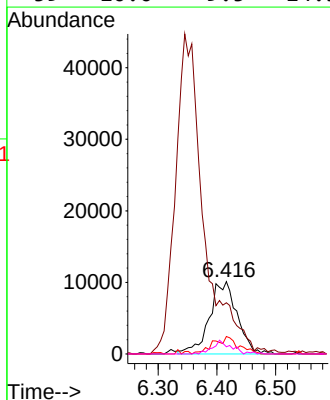
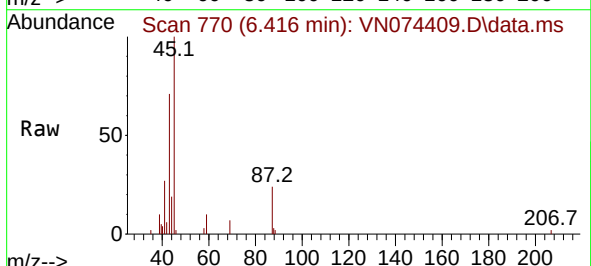
Manual Integrations
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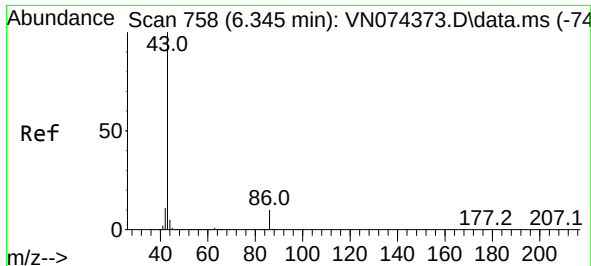
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#22
Diisopropyl ether
Concen: 2.431 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

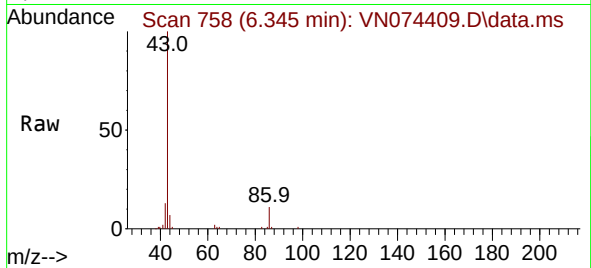
Tgt Ion: 45 Resp: 33228
Ion Ratio Lower Upper
45 100
43 62.3 49.4 74.0
87 24.1 21.3 31.9
59 10.0 9.5 14.3





#23
 Vinyl Acetate
 Concen: 12.331 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. 0.000 min
 Lab File: VN074409.D
 Acq: 12 Sep 2022 13:11

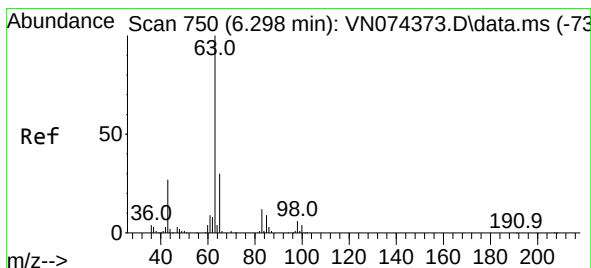
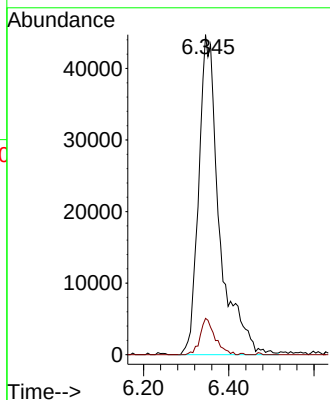
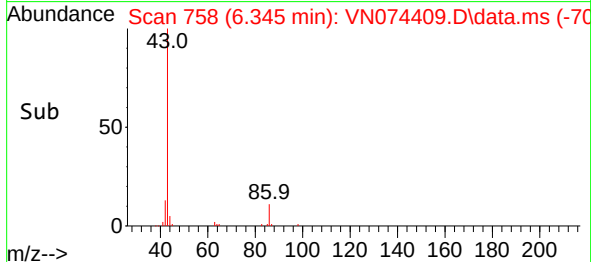
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL02



Tgt Ion: 43 Resp: 15043
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.6 11.4

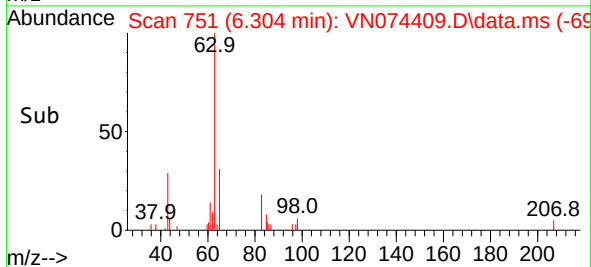
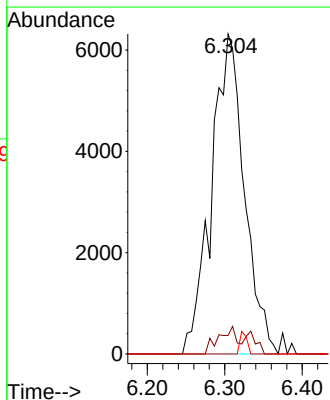
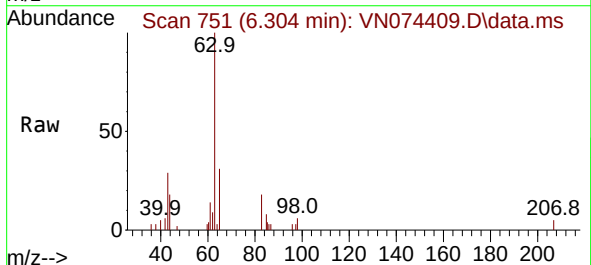
Manual Integrations
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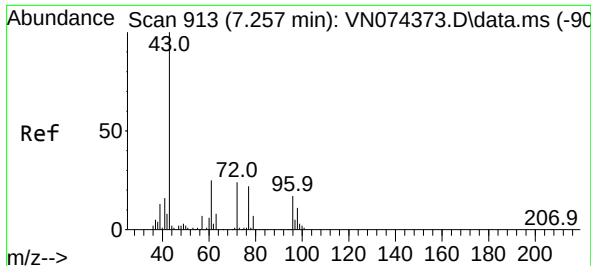
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022



#24
 1,1-Dichloroethane
 Concen: 2.654 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.006 min
 Lab File: VN074409.D
 Acq: 12 Sep 2022 13:11

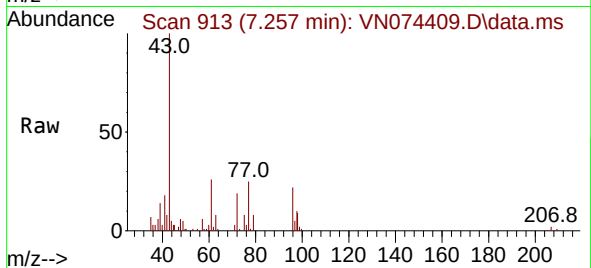
Tgt Ion: 63 Resp: 18643
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.9 8.6
 100 0.0 2.0 5.8#





#25
2-Butanone
Concen: 13.469 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

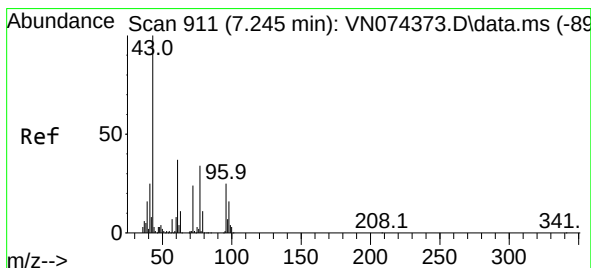
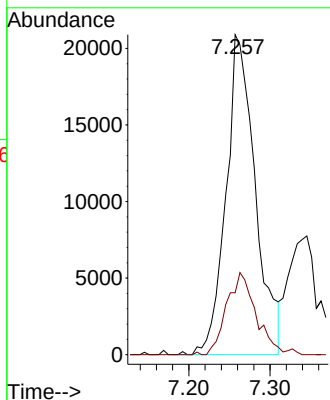
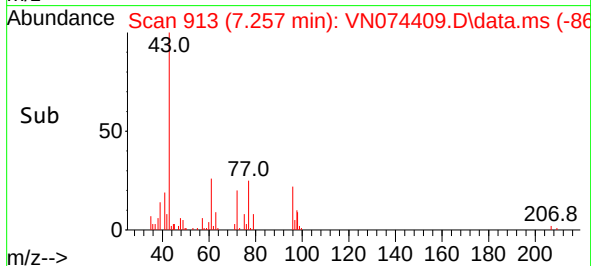
Instrument :
MSVOA_N
ClientSampleId :
MDL02



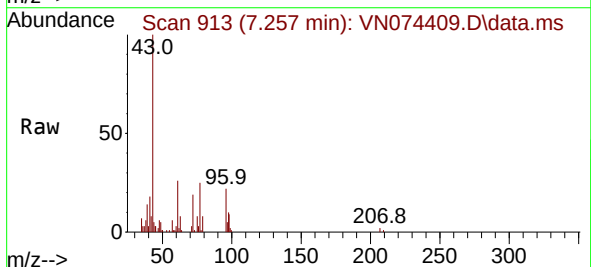
Tgt Ion: 43 Resp: 5243
Ion Ratio Lower Upper
43 100
72 19.3 18.9 28.3

Manual Integrations
APPROVED

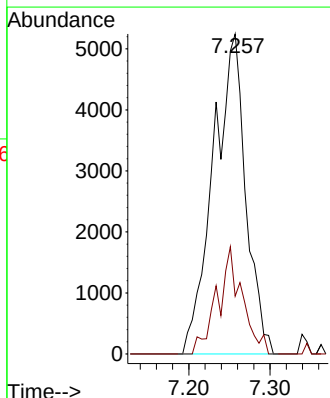
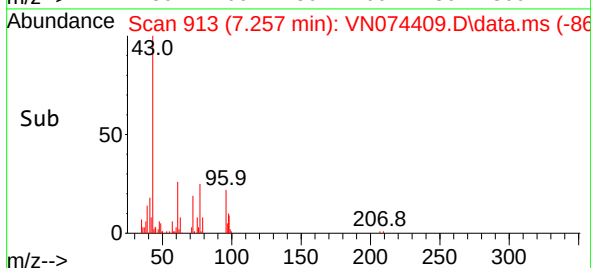
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

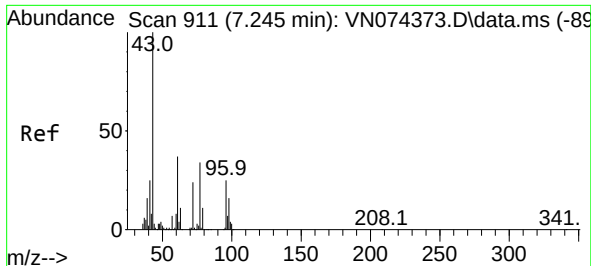


#26
2,2-Dichloropropane
Concen: 2.300 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.012 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11



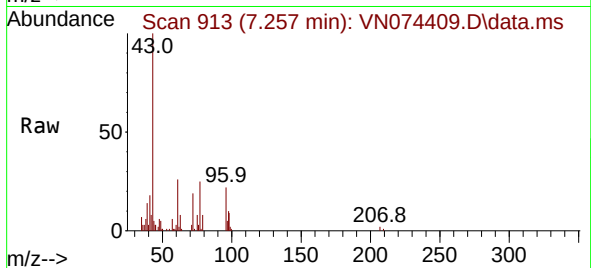
Tgt Ion: 77 Resp: 14616
Ion Ratio Lower Upper
77 100
97 25.6 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 2.516 ug/l
 RT: 7.257 min Scan# 911
 Delta R.T. 0.012 min
 Lab File: VN074409.D
 Acq: 12 Sep 2022 13:11

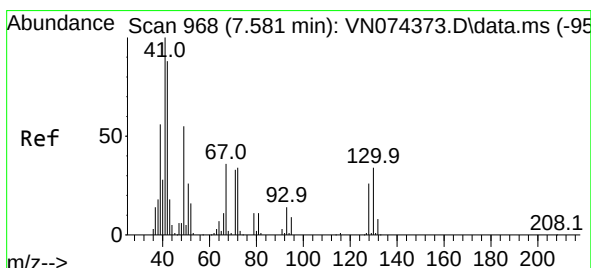
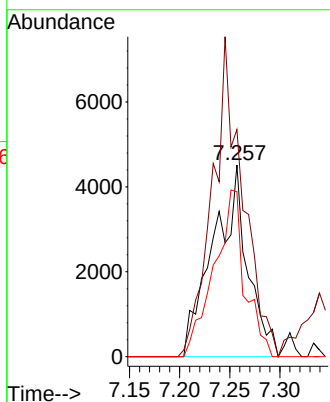
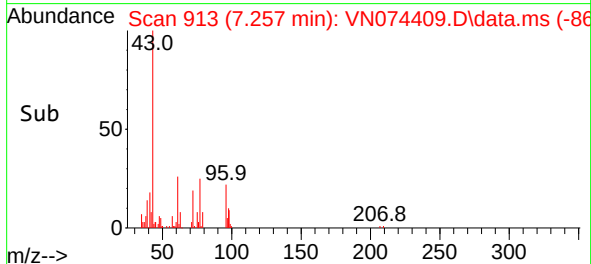
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL02



Tgt Ion: 96 Resp: 10750
 Ion Ratio Lower Upper
 96 100
 61 147.7 0.0 306.2
 98 77.6 0.0 129.8

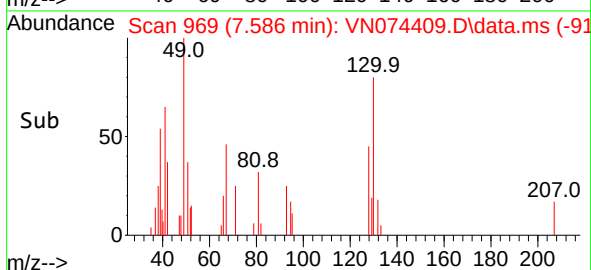
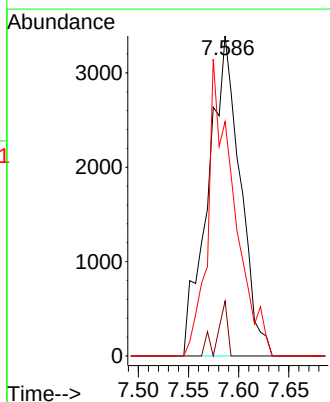
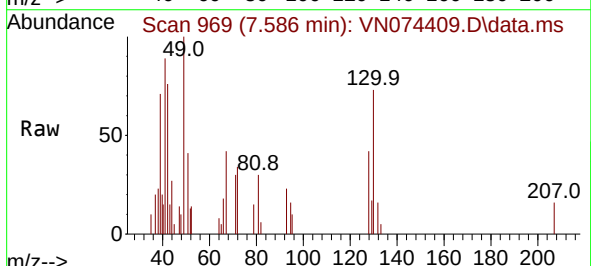
Manual Integrations
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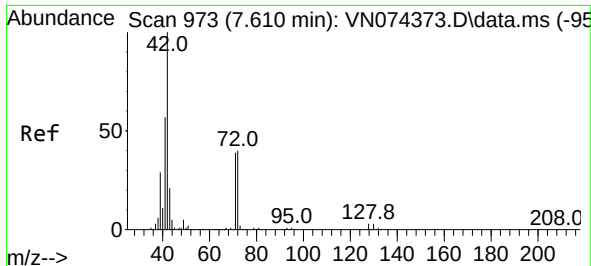
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022



#28
 Bromochloromethane
 Concen: 3.033 ug/l
 RT: 7.586 min Scan# 969
 Delta R.T. 0.005 min
 Lab File: VN074409.D
 Acq: 12 Sep 2022 13:11

Tgt Ion: 49 Resp: 7578
 Ion Ratio Lower Upper
 49 100
 129 5.3 0.0 2.2#
 130 75.3 50.0 75.0#





#29

Tetrahydrofuran

Concen: 13.154 ug/l

RT: 7.622 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN074409.D

Acq: 12 Sep 2022 13:11

Instrument :

MSVOA_N

ClientSampleId :

MDL02

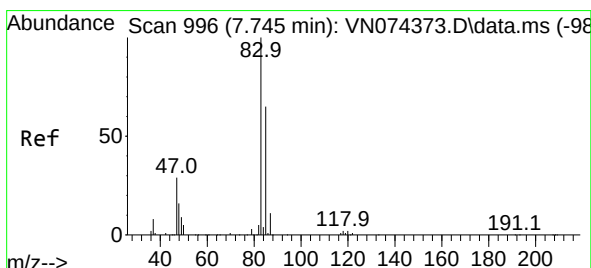
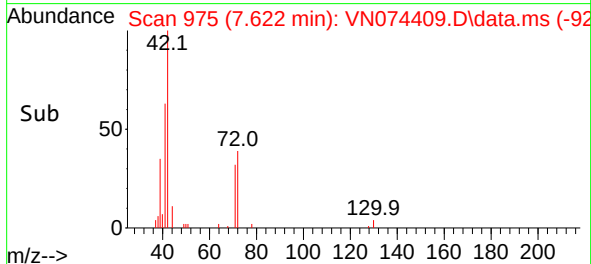
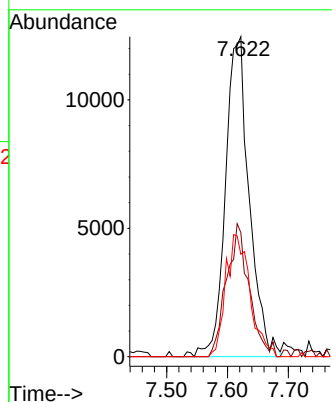
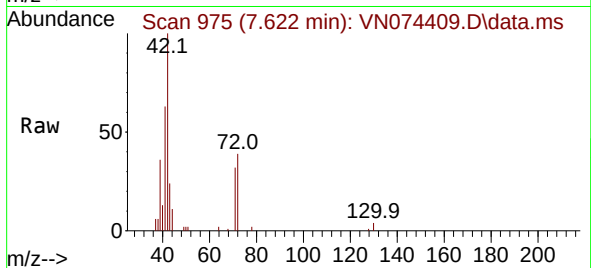
Tgt Ion:	42	Resp:	3385
Ion	Ratio	Lower	Upper
42	100		
72	39.3	32.7	49.1
71	38.8	31.0	46.6

Manual Integrations

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Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#30

Chloroform

Concen: 2.649 ug/l

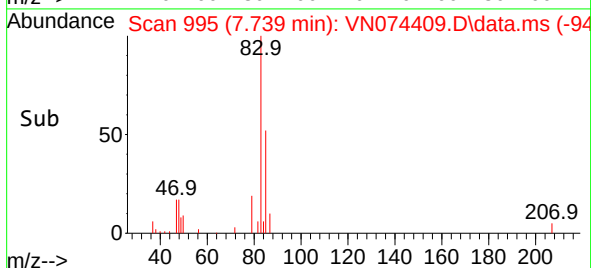
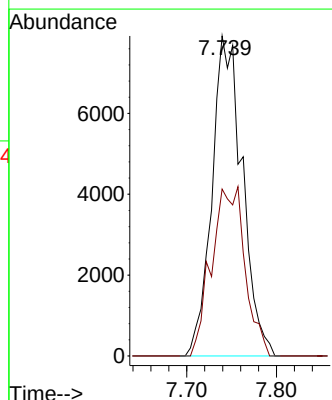
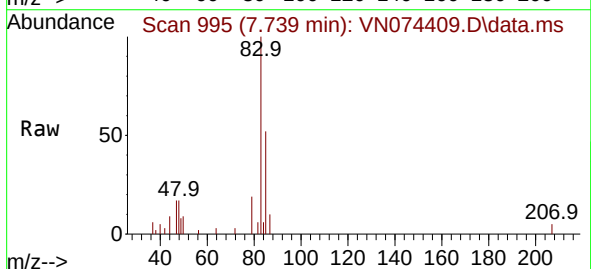
RT: 7.739 min Scan# 995

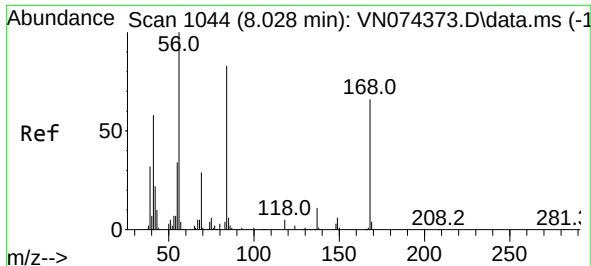
Delta R.T. -0.006 min

Lab File: VN074409.D

Acq: 12 Sep 2022 13:11

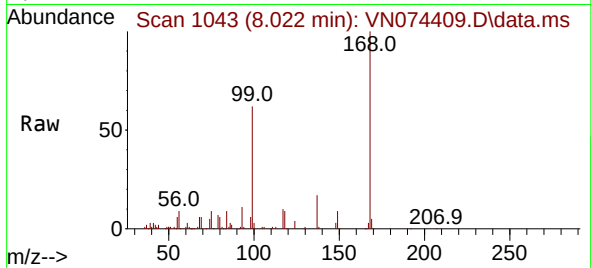
Tgt Ion:	83	Resp:	18572
Ion	Ratio	Lower	Upper
83	100		
85	52.2	51.8	77.6





#31
Cyclohexane
Concen: 3.374 ug/l
RT: 8.022 min Scan# 1044
Delta R.T. -0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

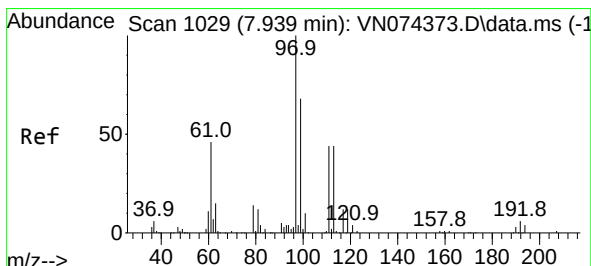
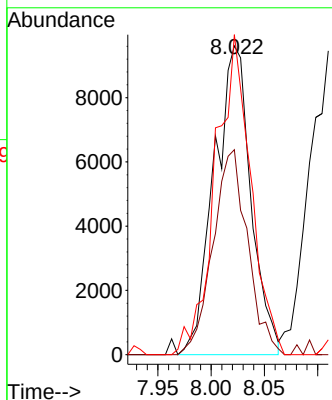
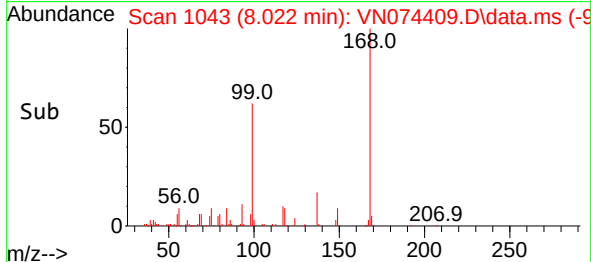
Instrument :
MSVOA_N
ClientSampleId :
MDL02



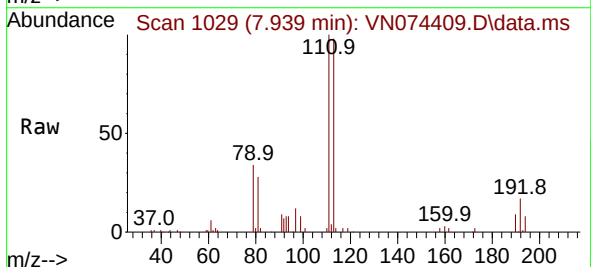
Tgt Ion: 56 Resp: 23054
Ion Ratio Lower Upper
56 100
69 66.4 23.0 34.4
84 101.9 66.3 99.5

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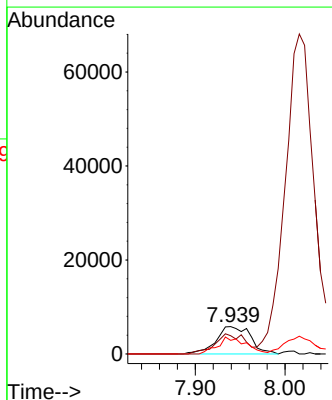
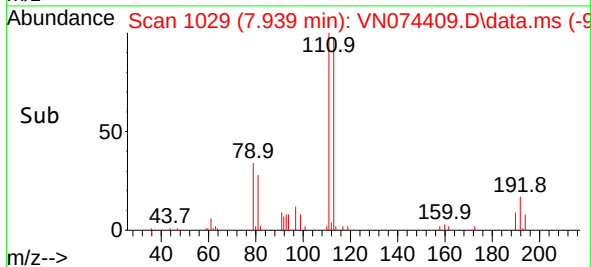
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

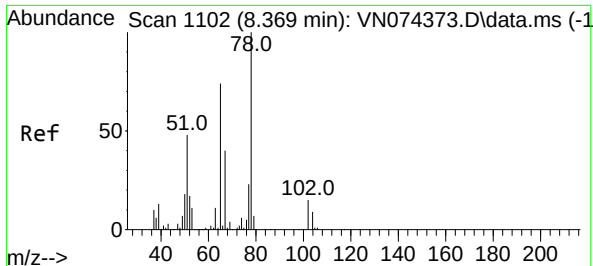


#32
1,1,1-Trichloroethane
Concen: 2.473 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11



Tgt Ion: 97 Resp: 15555
Ion Ratio Lower Upper
97 100
99 62.8 50.2 75.2
61 50.5 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 51.168 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074409.D

Acq: 12 Sep 2022 13:11

Instrument :

MSVOA_N

ClientSampleId :

MDL02

Tgt Ion: 65 Resp: 21982

Ion Ratio Lower Upper

65 100

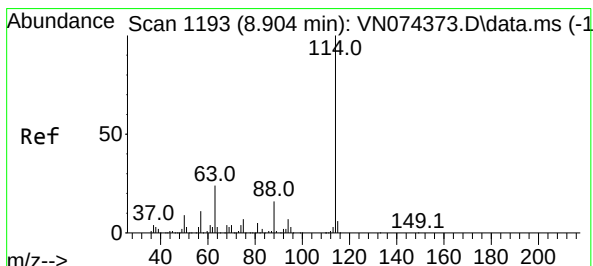
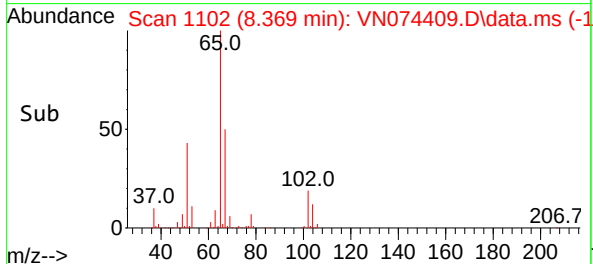
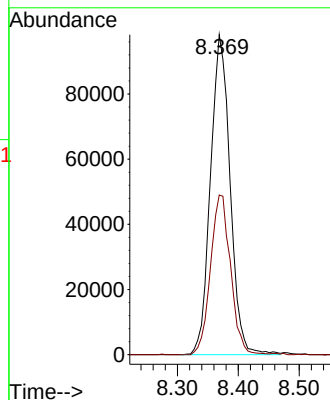
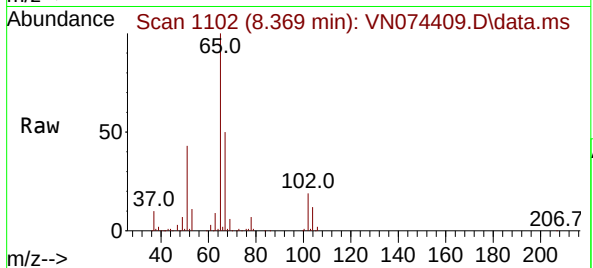
67 50.9 0.0 102.4

Manual Integrations

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Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074409.D

Acq: 12 Sep 2022 13:11

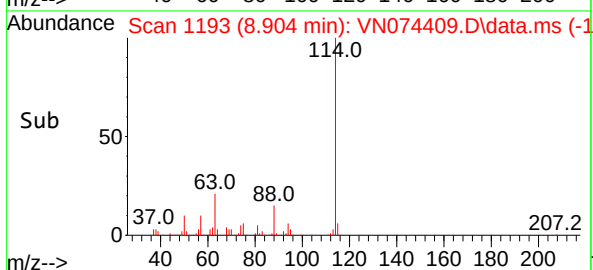
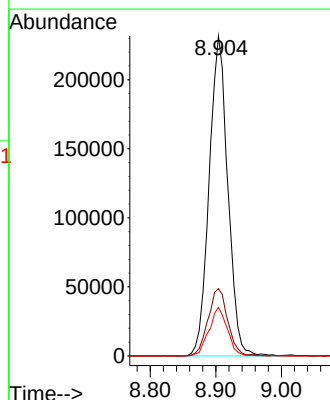
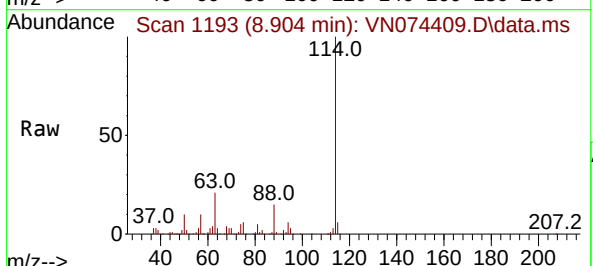
Tgt Ion:114 Resp: 458306

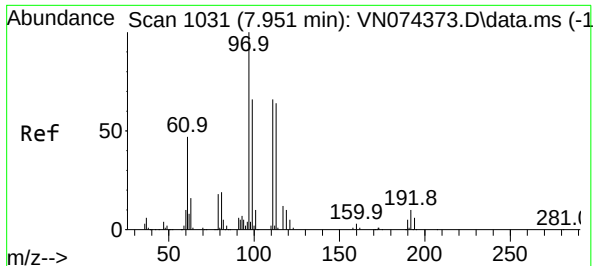
Ion Ratio Lower Upper

114 100

63 21.1 0.0 47.6

88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.924 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074409.D

Acq: 12 Sep 2022 13:11

Instrument :

MSVOA_N

ClientSampleId :

MDL02

Tgt Ion: 113 Resp: 16374

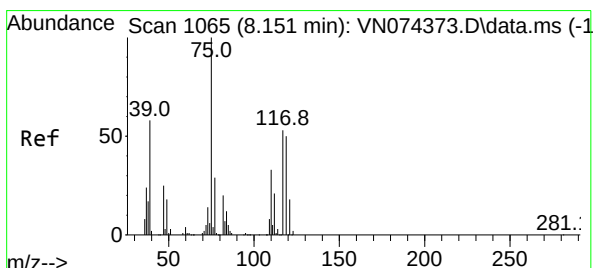
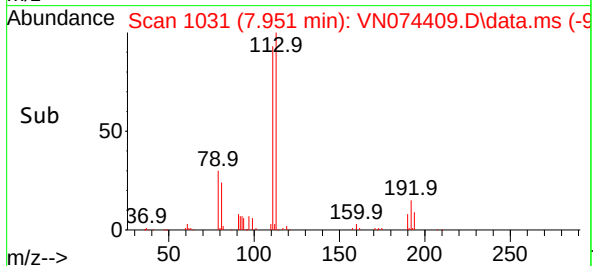
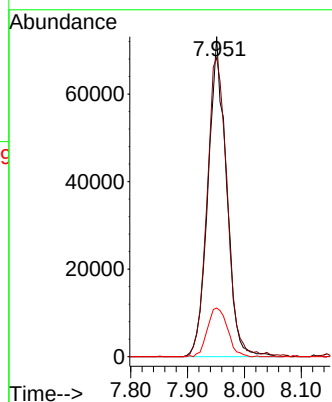
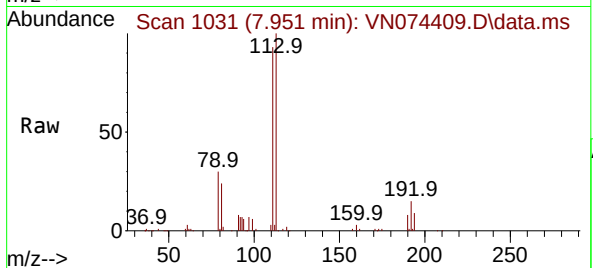
Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.0	124.4
192	16.7	13.7	20.5

Manual Integrations

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Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#36

1,1-Dichloropropene

Concen: 2.584 ug/l

RT: 8.151 min Scan# 1065

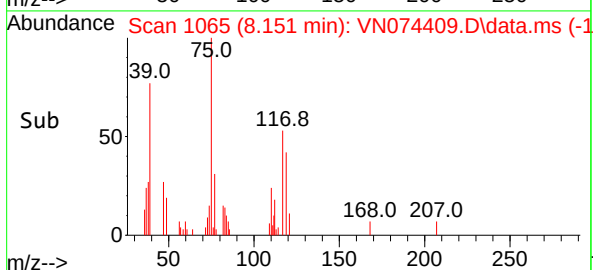
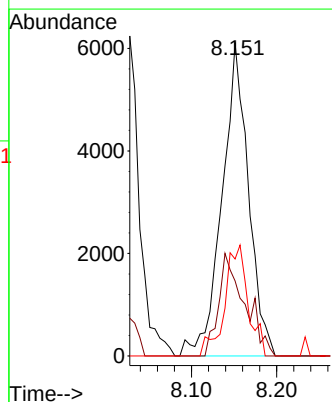
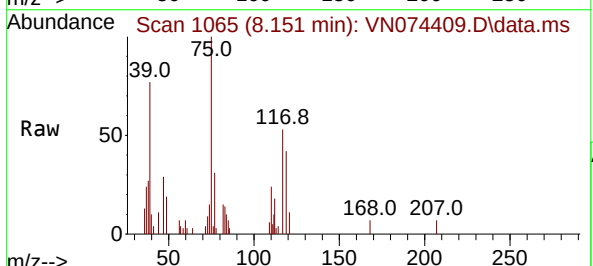
Delta R.T. 0.000 min

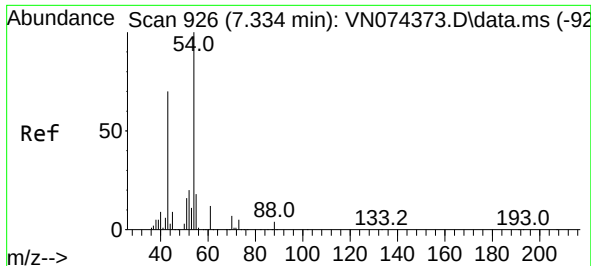
Lab File: VN074409.D

Acq: 12 Sep 2022 13:11

Tgt Ion: 75 Resp: 13170

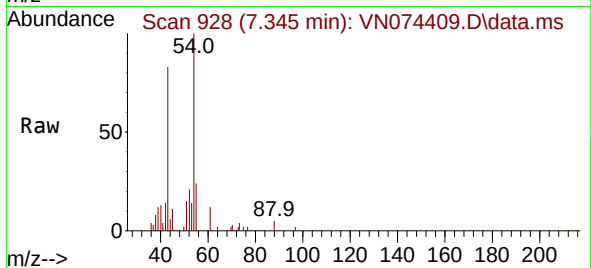
Ion	Ratio	Lower	Upper
75	100		
110	32.3	16.4	49.1
77	31.3	25.4	38.2





#37
Ethyl Acetate
Concen: 2.642 ug/l
RT: 7.345 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

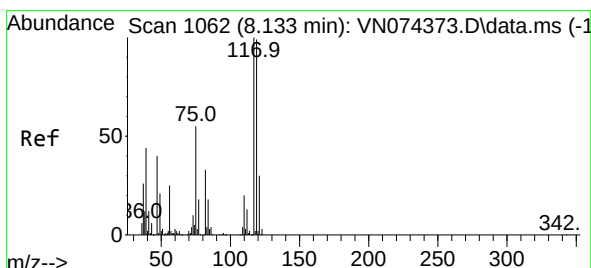
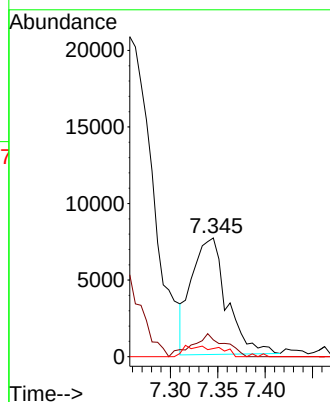
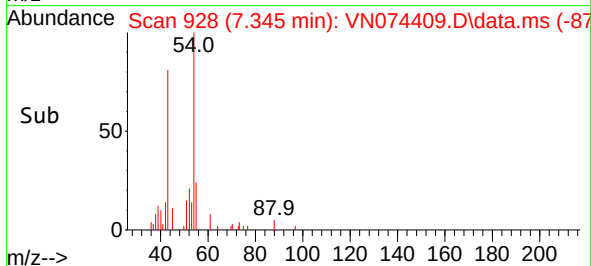
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion: 43 Resp: 1953
Ion Ratio Lower Upper
43 100
61 17.9 11.1 16.7
70 0.0 7.2 10.8

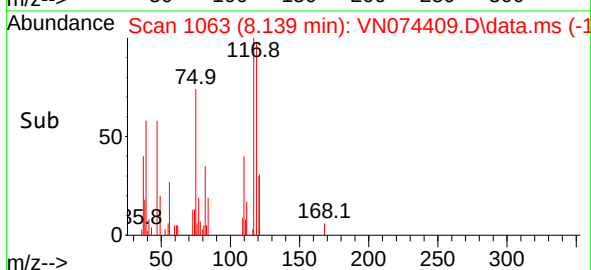
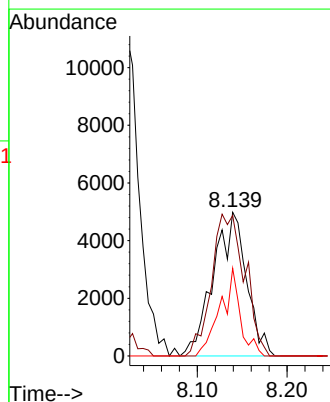
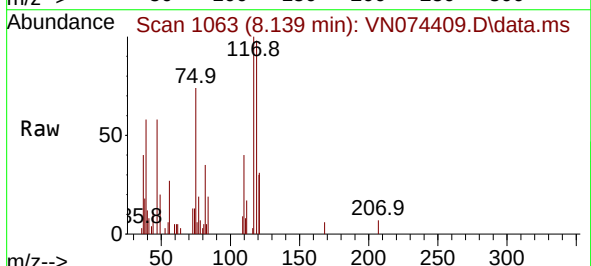
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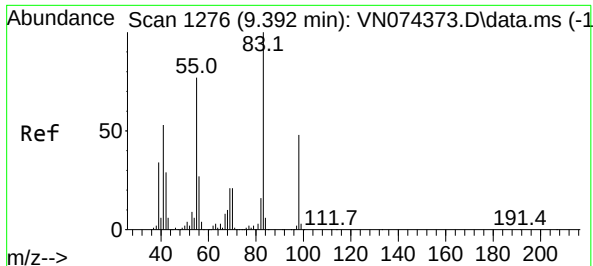
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#38
Carbon Tetrachloride
Concen: 2.443 ug/l
RT: 8.139 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

Tgt Ion:117 Resp: 12857
Ion Ratio Lower Upper
117 100
119 97.8 78.8 118.2
121 61.1 24.1 36.1





#39

Methylcyclohexane

Concen: 2.325 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN074409.D

Acq: 12 Sep 2022 13:11

Instrument :

MSVOA_N

ClientSampleId :

MDL02

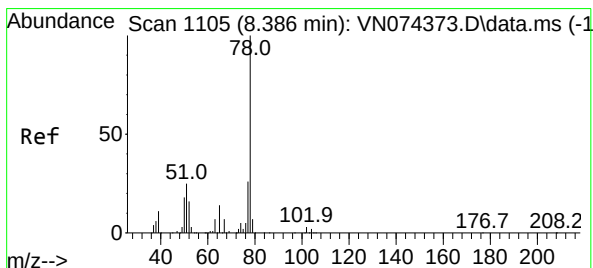
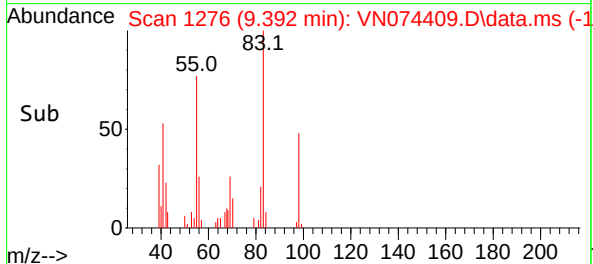
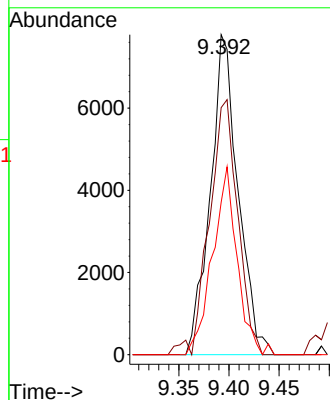
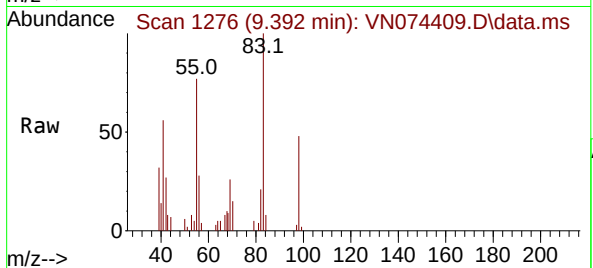
Tgt Ion: 83	Resp: 15018
Ion Ratio	Lower Upper
83 100	
55 77.2	61.2 91.8
98 47.6	38.5 57.7

Manual Integrations

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Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#40

Benzene

Concen: 2.596 ug/l

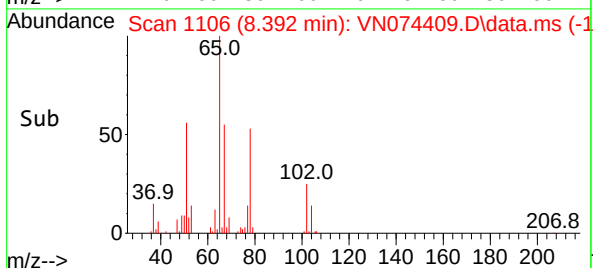
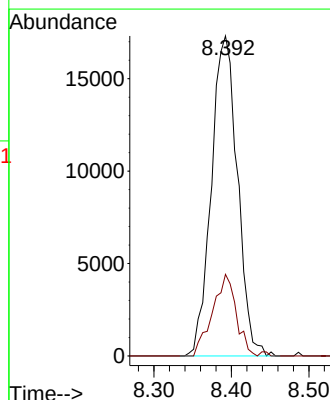
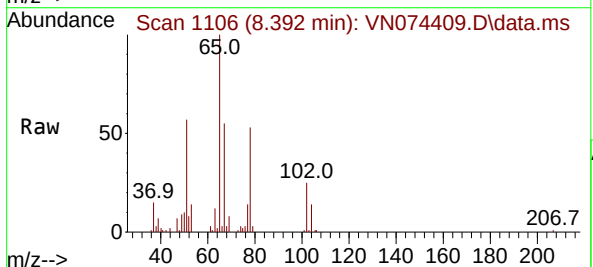
RT: 8.392 min Scan# 1106

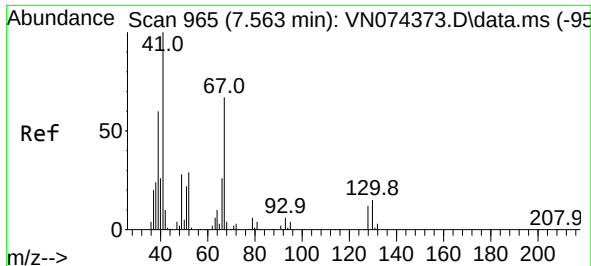
Delta R.T. 0.006 min

Lab File: VN074409.D

Acq: 12 Sep 2022 13:11

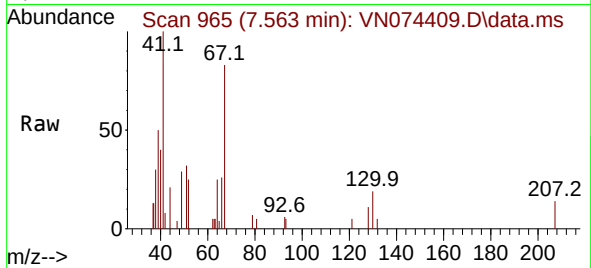
Tgt Ion: 78	Resp: 40511
Ion Ratio	Lower Upper
78 100	
77 25.5	20.6 31.0





#41
Methacrylonitrile
Concen: 2.346 ug/l
RT: 7.563 min Scan# 965
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

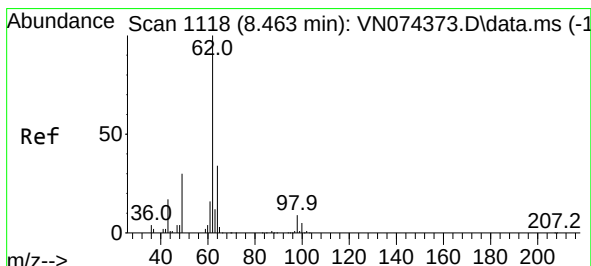
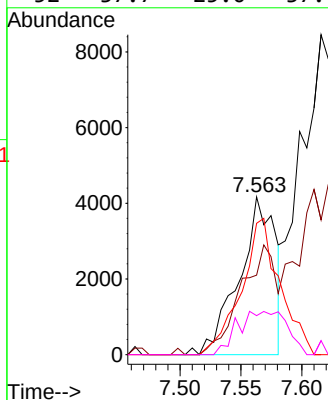
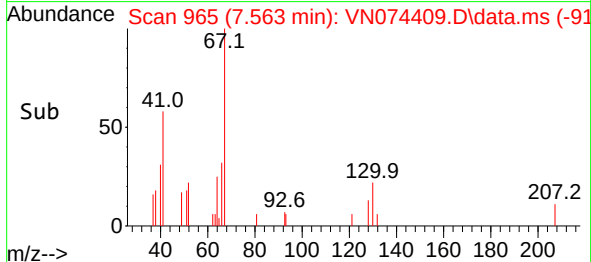
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion	Ratio	Lower	Upper
41	100		
39	67.1	39.2	58.8
67	92.1	53.6	80.4
52	37.7	25.0	37.4

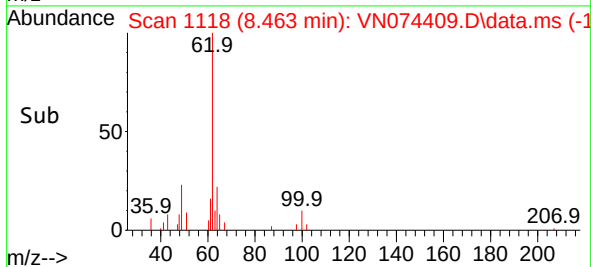
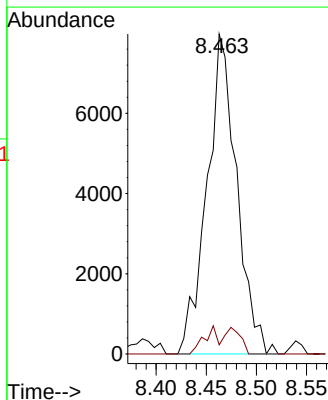
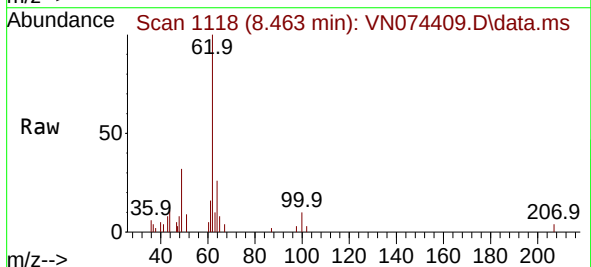
Manual Integrations
APPROVED

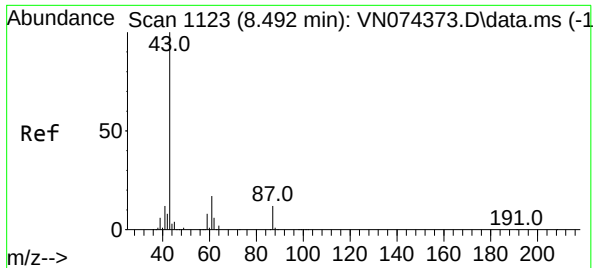
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#42
1,2-Dichloroethane
Concen: 2.756 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

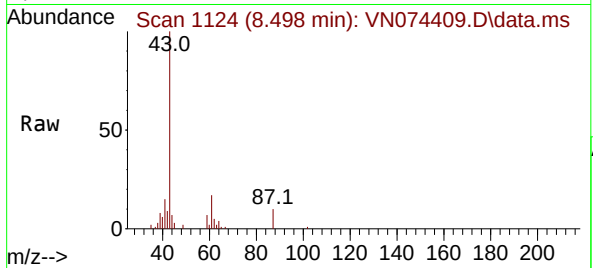
Tgt Ion	Ratio	Lower	Upper
62	100		
98	4.0	0.0	17.6





#43
Isopropyl Acetate
Concen: 2.401 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

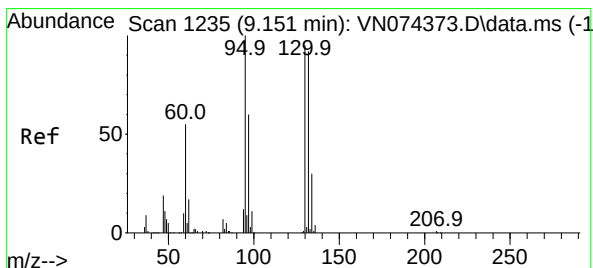
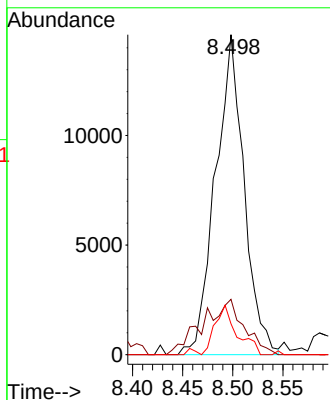
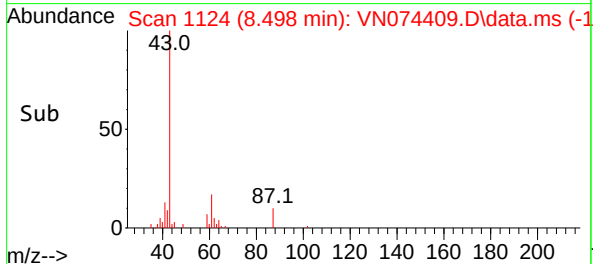
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion: 43 Resp: 29038
Ion Ratio Lower Upper
43 100
61 25.0 18.6 27.8
87 11.8 9.4 14.2

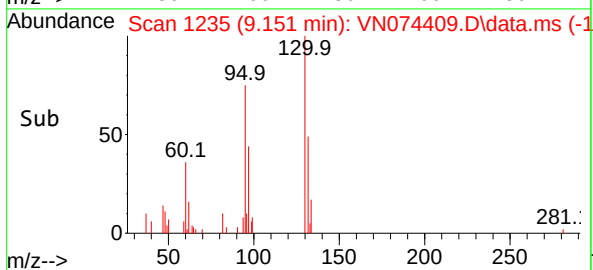
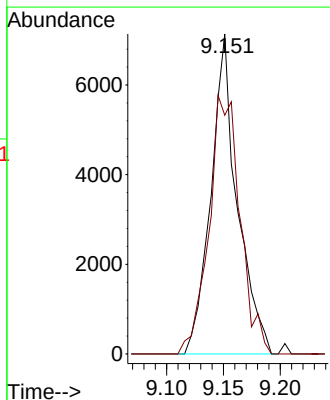
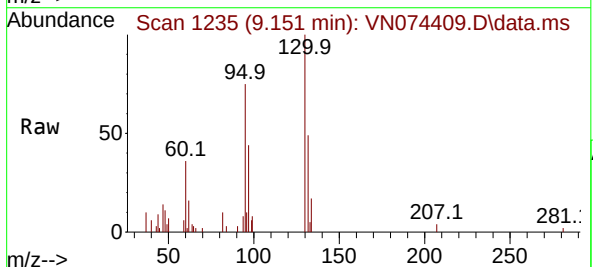
Manual Integrations
APPROVED

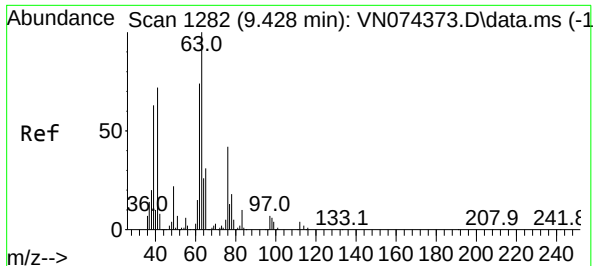
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#44
Trichloroethene
Concen: 3.293 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

Tgt Ion:130 Resp: 11522
Ion Ratio Lower Upper
130 100
95 74.6 0.0 210.0





#45

1,2-Dichloropropane

Concen: 2.706 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VN074409.D

Acq: 12 Sep 2022 13:11

Instrument :

MSVOA_N

ClientSampleId :

MDL02

Tgt Ion: 63 Resp: 1121

Ion Ratio Lower Upper

63 100

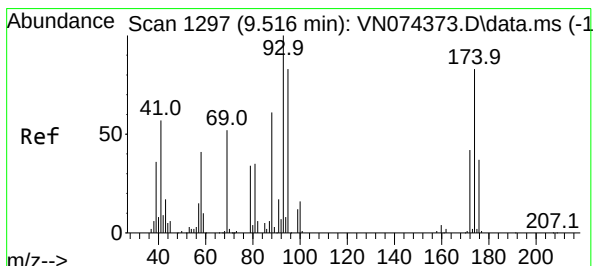
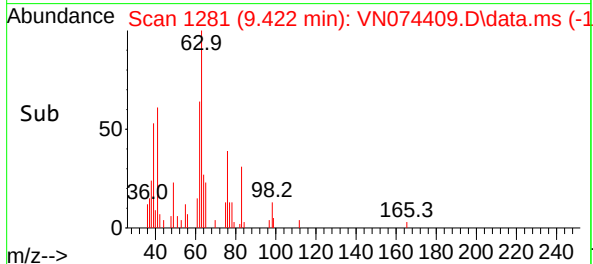
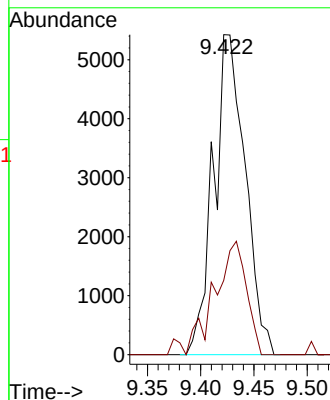
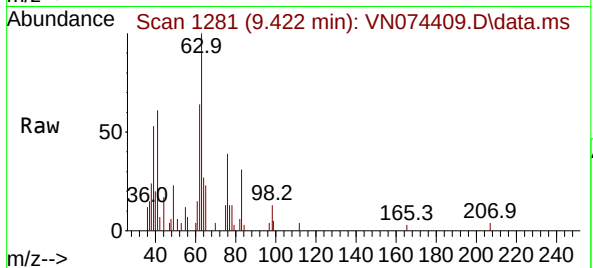
65 23.2 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#46

Dibromomethane

Concen: 2.538 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN074409.D

Acq: 12 Sep 2022 13:11

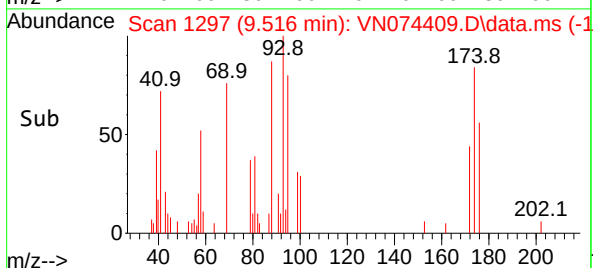
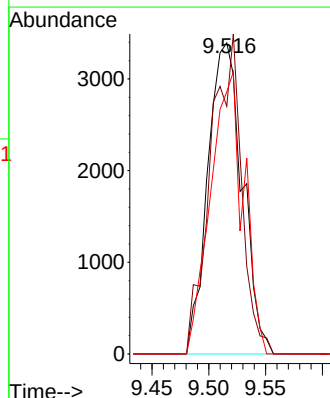
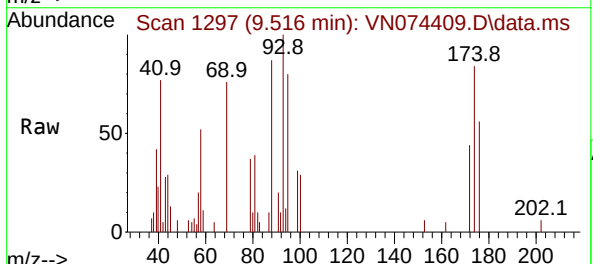
Tgt Ion: 93 Resp: 7199

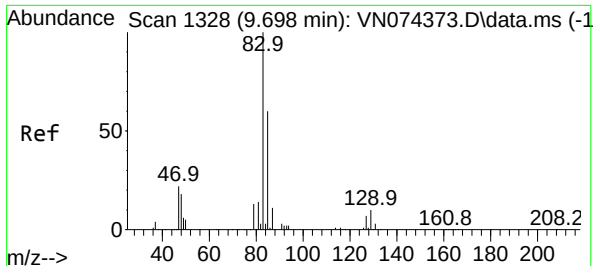
Ion Ratio Lower Upper

93 100

95 91.9 67.5 101.3

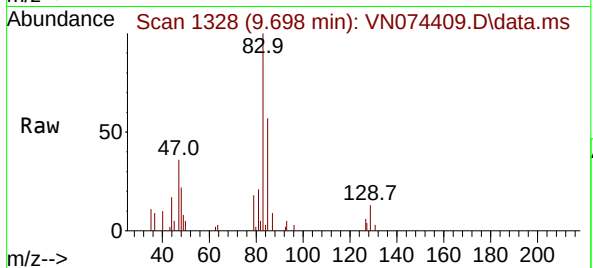
174 87.2 67.2 100.8





#47
Bromodichloromethane
Concen: 2.531 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

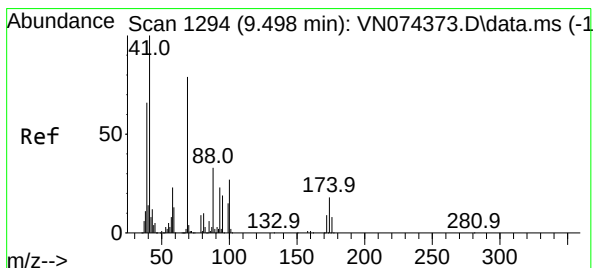
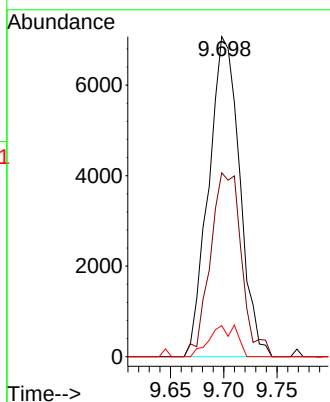
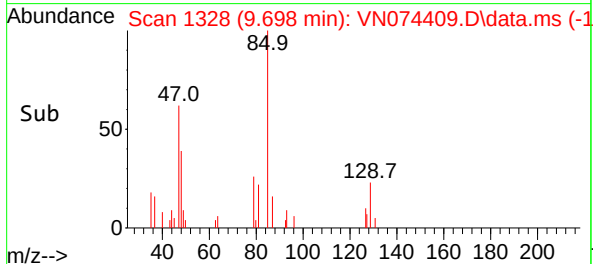
Instrument :
MSVOA_N
ClientSampleId :
MDL02



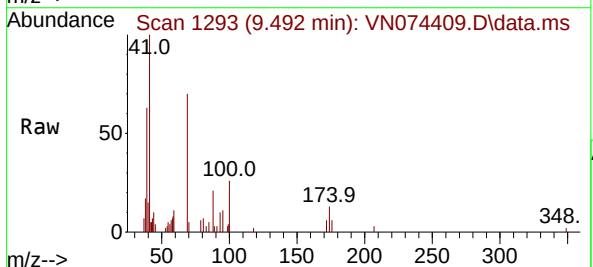
Tgt Ion: 83 Resp: 1431
Ion Ratio Lower Upper
83 100
85 57.4 47.7 71.5
127 9.7 5.4 8.2

Manual Integrations
APPROVED

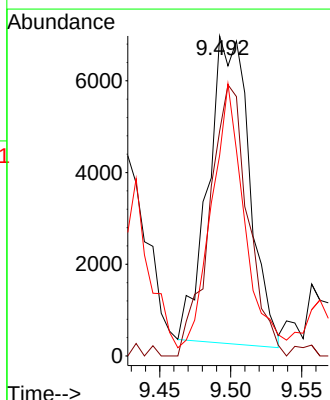
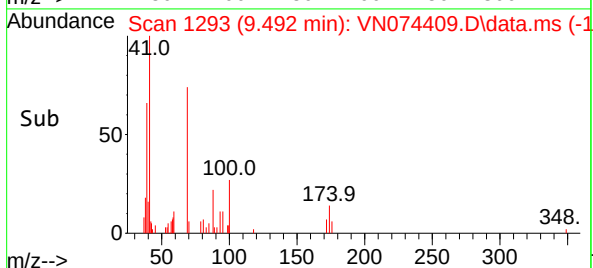
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

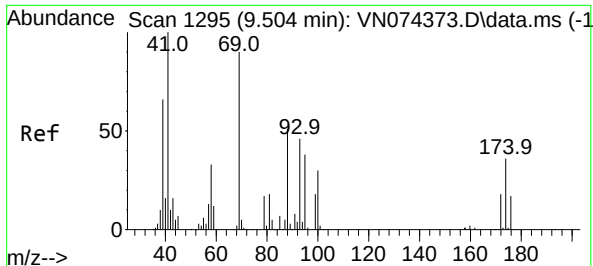


#48
Methyl methacrylate
Concen: 2.542 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11



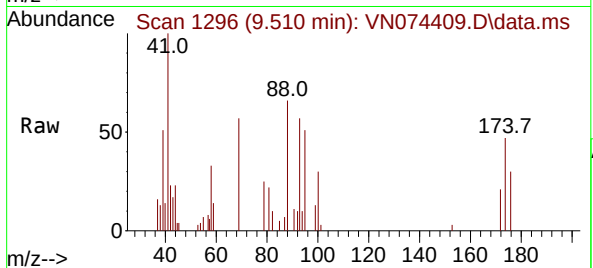
Tgt Ion: 41 Resp: 13549
Ion Ratio Lower Upper
41 100
69 82.4 67.6 101.4
39 73.2 58.2 87.4





#49
1,4-Dioxane
Concen: 60.630 ug/l
RT: 9.510 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

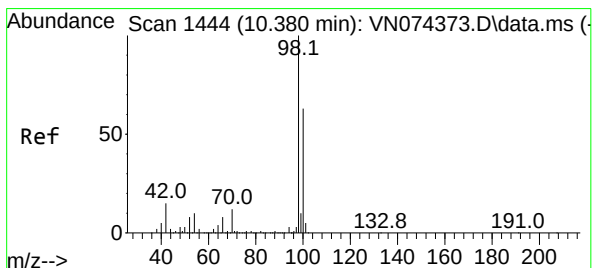
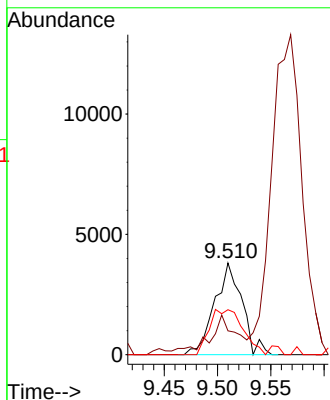
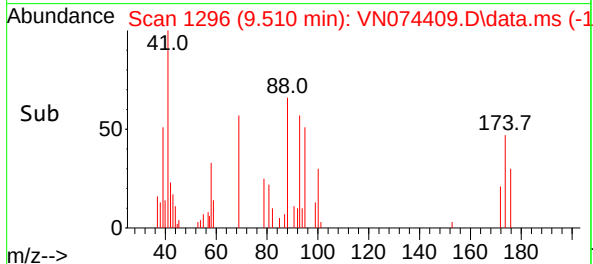
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion: 88 Resp: 6809
Ion Ratio Lower Upper
88 100
43 38.6 26.9 40.3
58 60.1 52.7 79.1

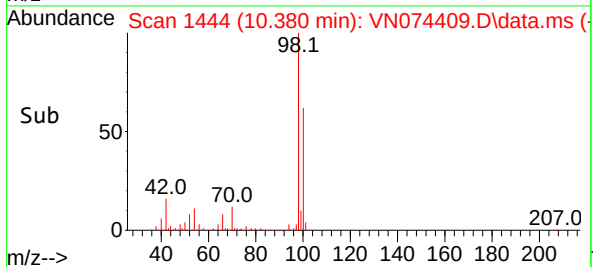
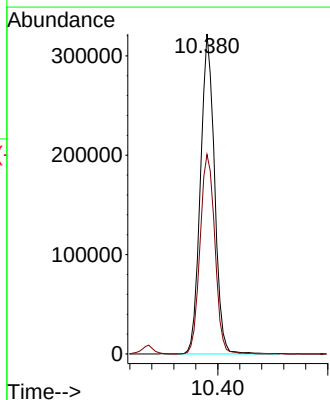
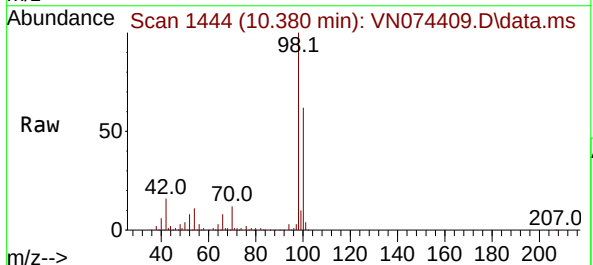
Manual Integrations
APPROVED

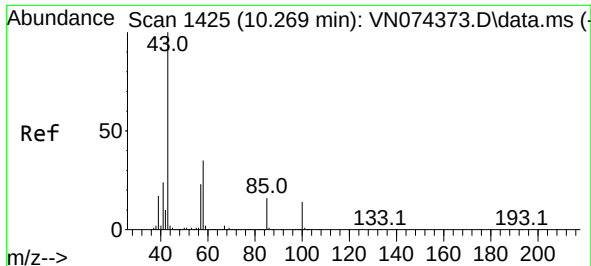
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#50
Toluene-d8
Concen: 47.419 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

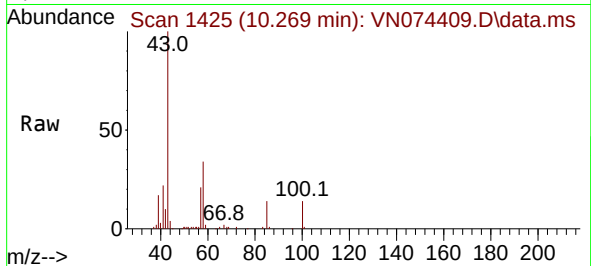
Tgt Ion: 98 Resp: 571671
Ion Ratio Lower Upper
98 100
100 65.7 50.6 76.0





#51
4-Methyl-2-Pentanone
Concen: 12.851 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

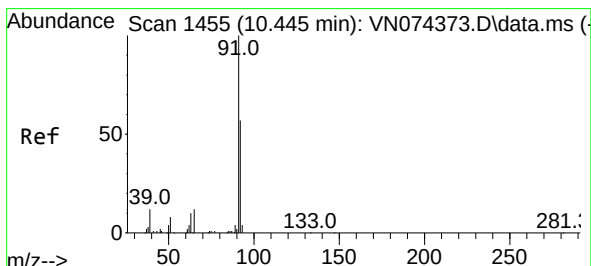
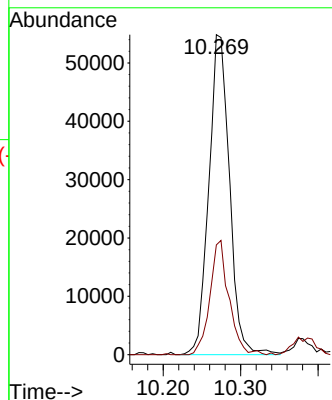
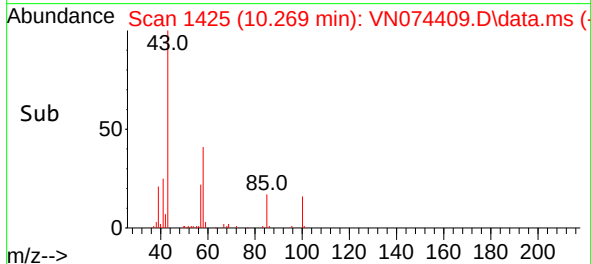
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion: 43 Resp: 10162
Ion Ratio Lower Upper
43 100
58 32.8 29.0 43.6

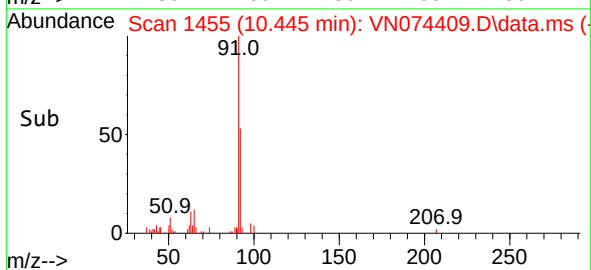
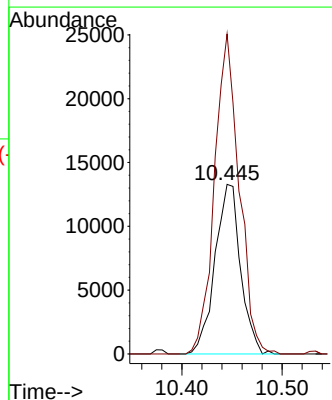
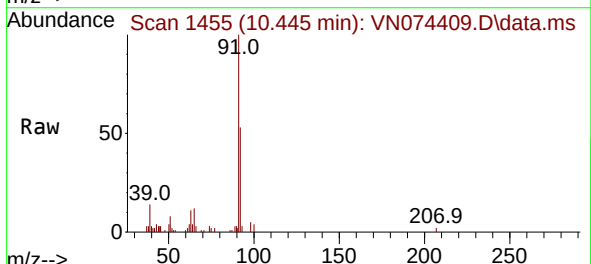
Manual Integrations
APPROVED

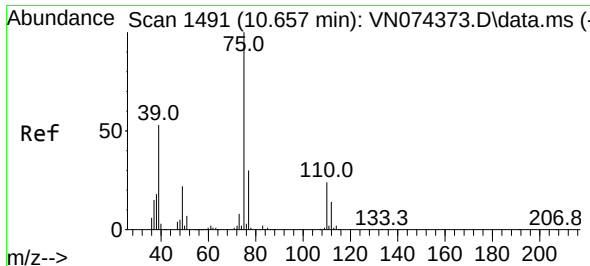
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#52
Toluene
Concen: 2.437 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

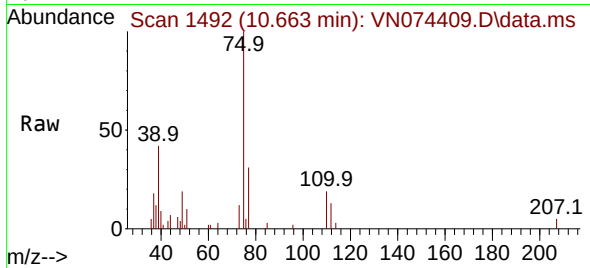
Tgt Ion: 92 Resp: 23516
Ion Ratio Lower Upper
92 100
91 182.6 139.8 209.6





#53
t-1,3-Dichloropropene
Concen: 2.165 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

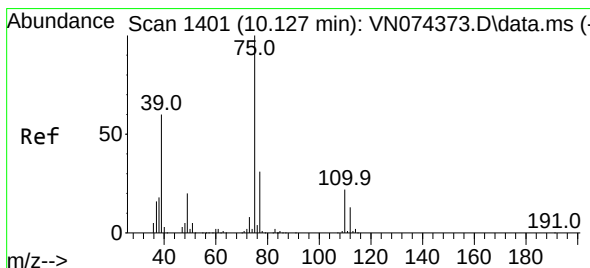
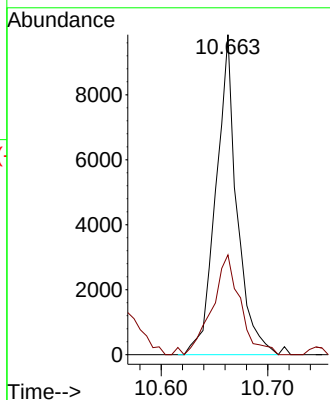
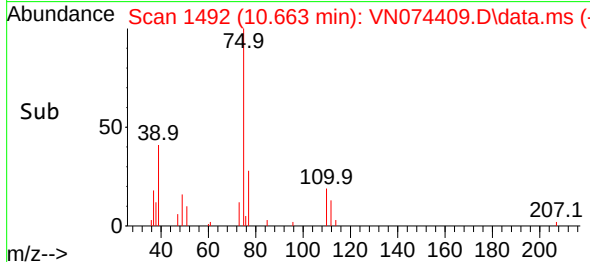
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion: 75 Resp: 13502
Ion Ratio Lower Upper
75 100
77 31.2 23.9 35.9

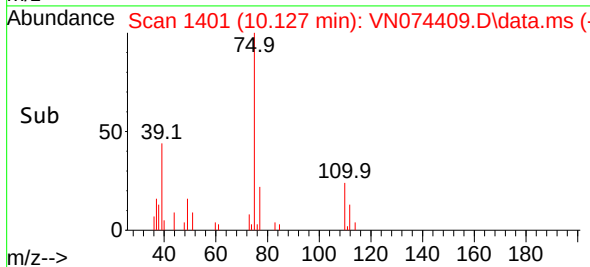
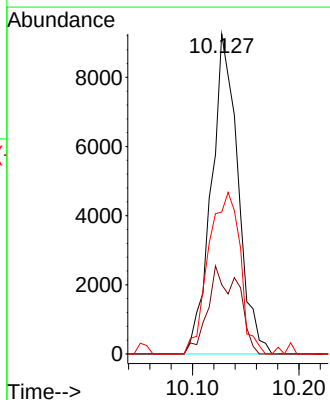
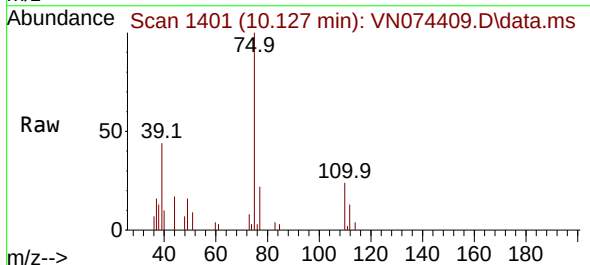
Manual Integrations
APPROVED

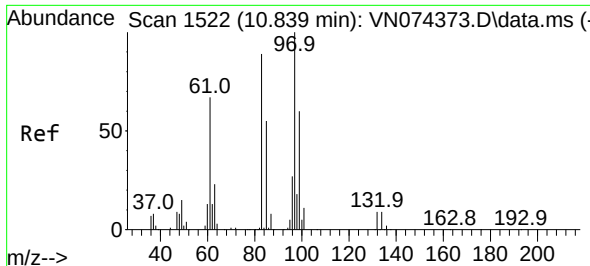
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#54
cis-1,3-Dichloropropene
Concen: 2.410 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

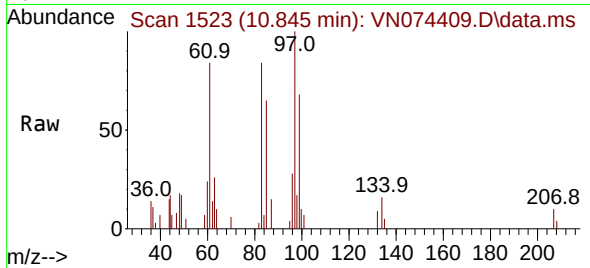
Tgt Ion: 75 Resp: 16022
Ion Ratio Lower Upper
75 100
77 21.6 24.5 36.7#
39 44.3 48.0 72.0#





#55
1,1,2-Trichloroethane
Concen: 2.254 ug/l
RT: 10.845 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

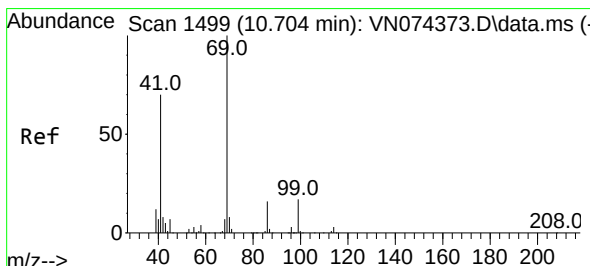
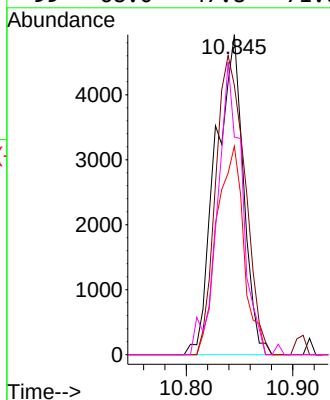
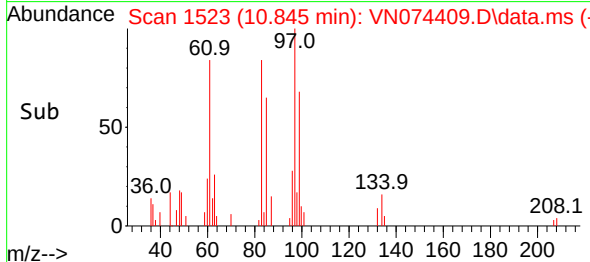
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.1	70.8	106.2
85	65.1	44.1	66.1
99	68.0	47.8	71.6

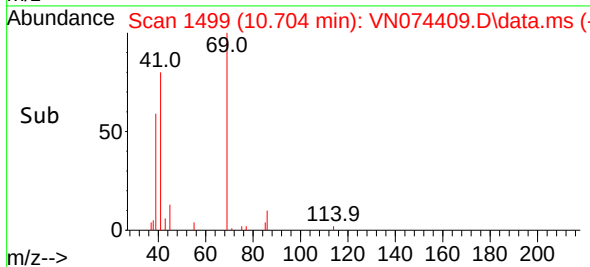
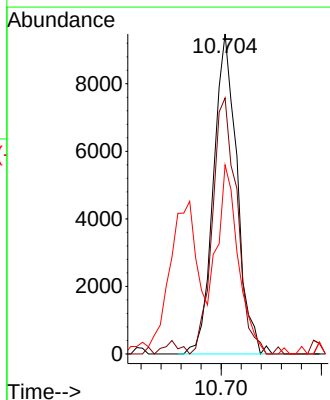
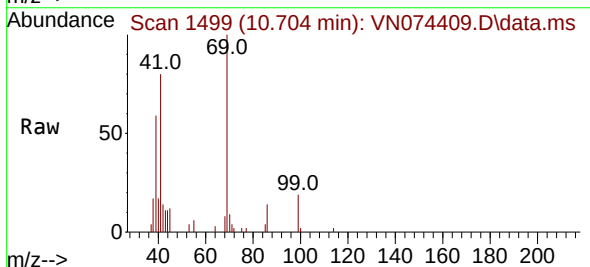
Manual Integrations
APPROVED

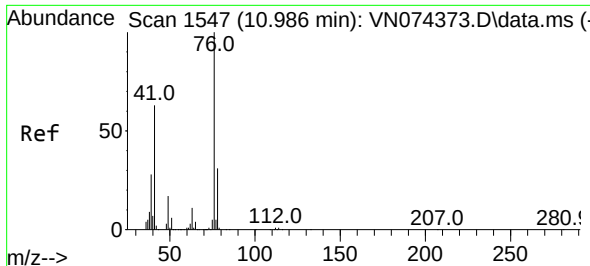
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#56
Ethyl methacrylate
Concen: 2.284 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

Tgt Ion	Ratio	Lower	Upper
69	100		
41	83.3	56.6	85.0
39	53.7	37.4	56.2





#57

1,3-Dichloropropane

Concen: 2.464 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN074409.D

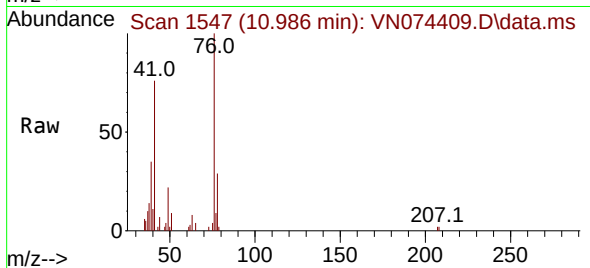
Acq: 12 Sep 2022 13:11

Instrument :

MSVOA_N

ClientSampleId :

MDL02



Tgt Ion: 76 Resp: 1713

Ion Ratio Lower Upper

76 100

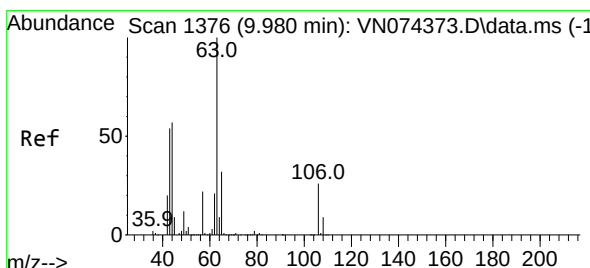
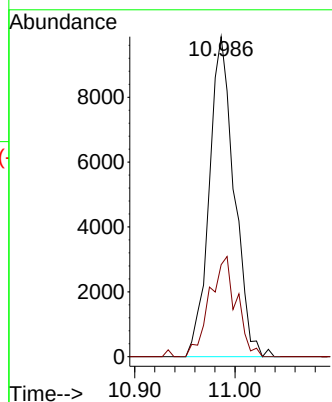
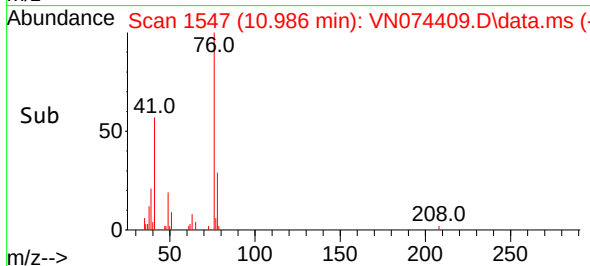
78 33.6 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 11.876 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN074409.D

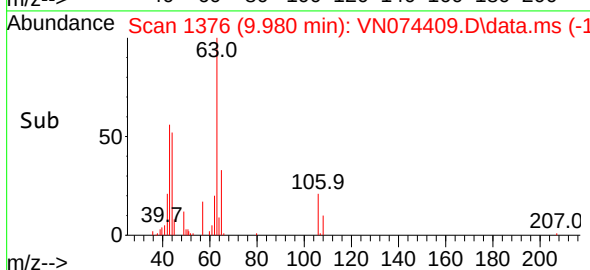
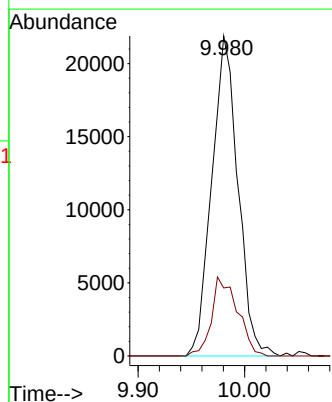
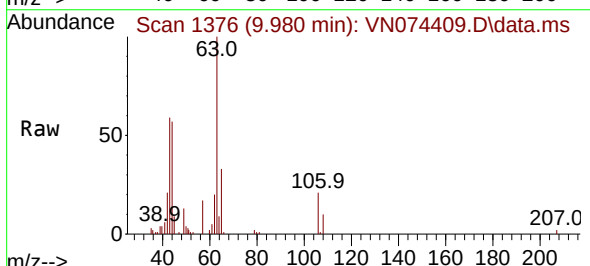
Acq: 12 Sep 2022 13:11

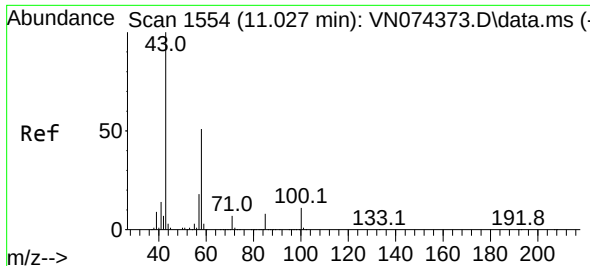
Tgt Ion: 63 Resp: 37345

Ion Ratio Lower Upper

63 100

106 24.6 21.1 31.7





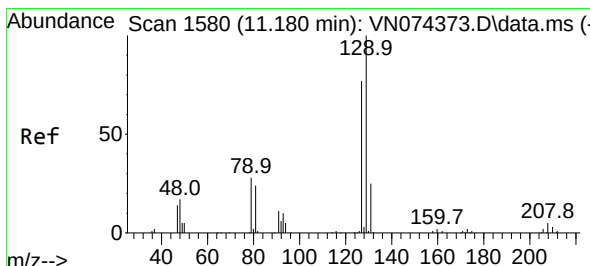
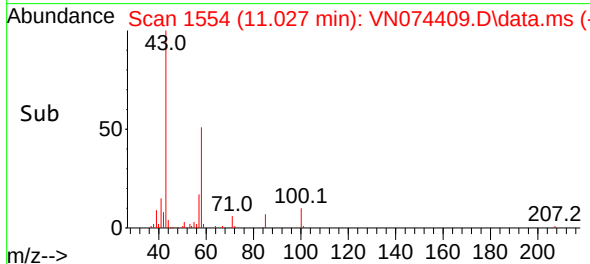
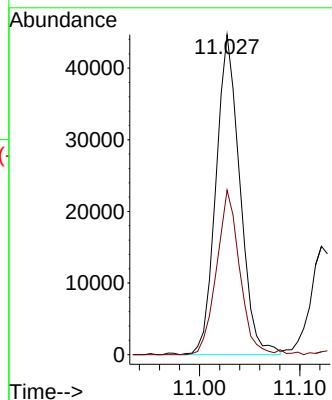
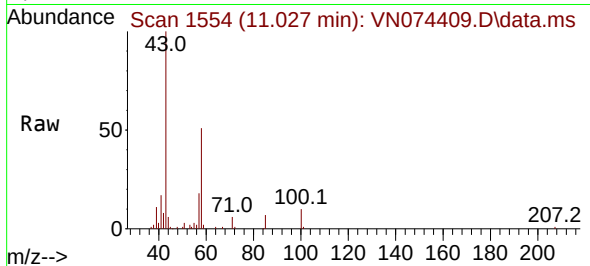
#59
2-Hexanone
Concen: 12.131 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

Instrument :
MSVOA_N
ClientSampleId :
MDL02

Tgt Ion: 43 Resp: 7402
Ion Ratio Lower Upper
43 100
58 49.5 25.8 77.3

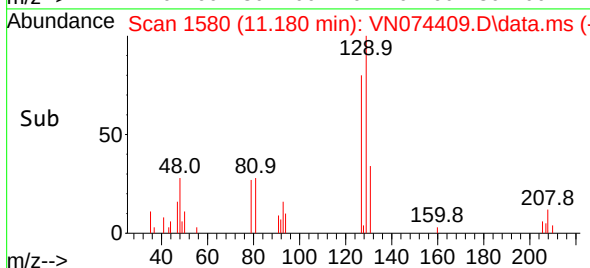
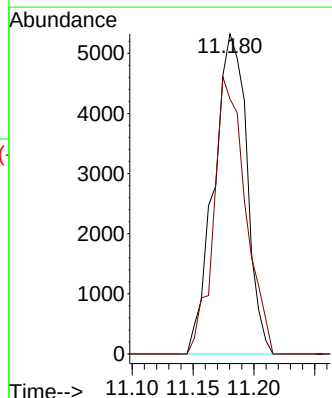
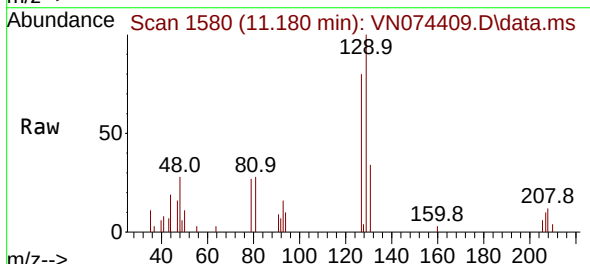
Manual Integrations
APPROVED

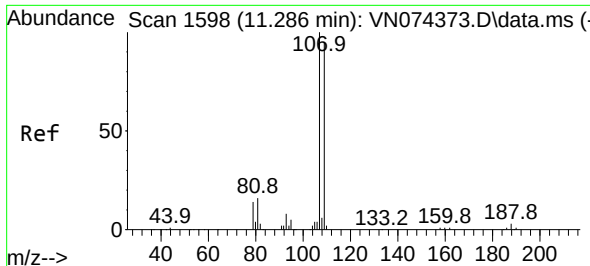
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#60
Dibromochloromethane
Concen: 2.484 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

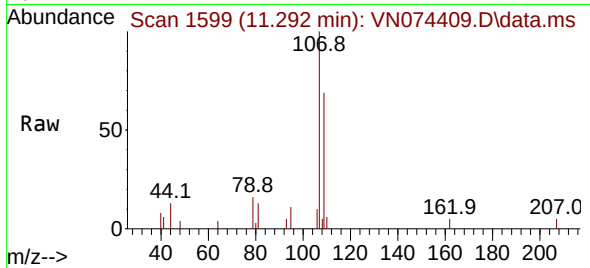
Tgt Ion:129 Resp: 10007
Ion Ratio Lower Upper
129 100
127 83.7 38.8 116.3





#61
1,2-Dibromoethane
Concen: 2.446 ug/l
RT: 11.292 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

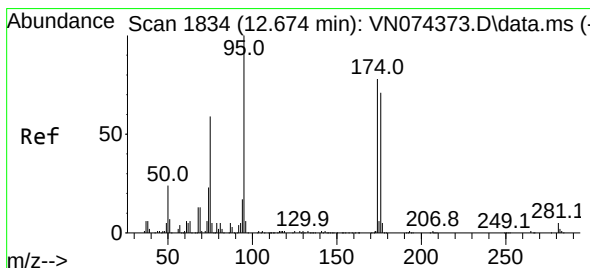
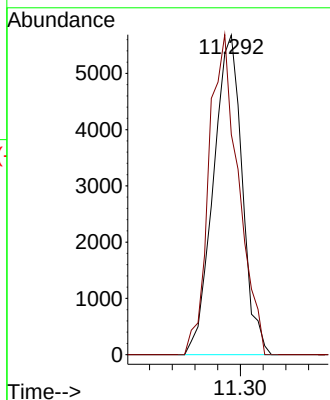
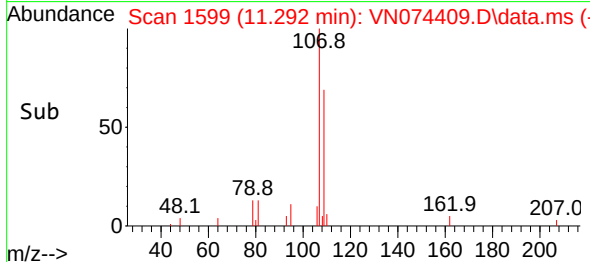
Instrument :
MSVOA_N
ClientSampleId :
MDL02



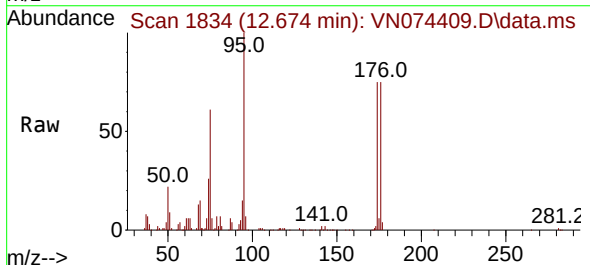
Tgt Ion:107 Resp: 1001
Ion Ratio Lower Upper
107 100
109 102.3 75.0 112.4

Manual Integrations
APPROVED

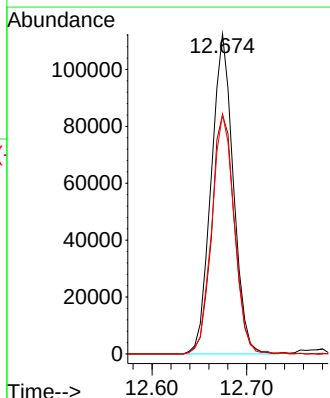
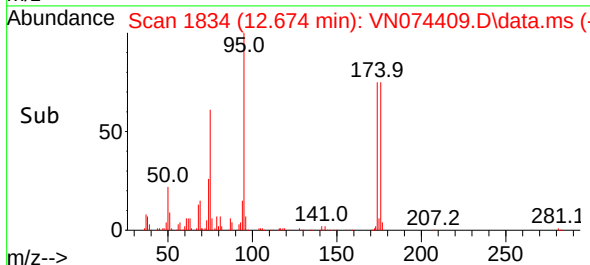
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

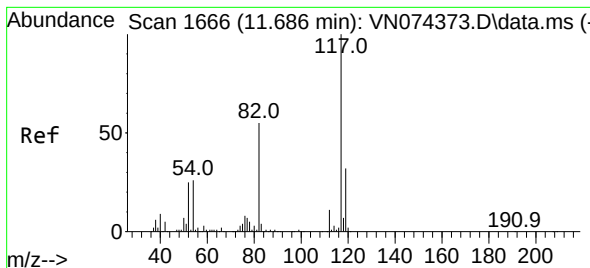


#62
4-Bromofluorobenzene
Concen: 41.713 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11



Tgt Ion: 95 Resp: 182579
Ion Ratio Lower Upper
95 100
174 76.9 0.0 150.6
176 76.2 0.0 143.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074409.D

Acq: 12 Sep 2022 13:11

Instrument :

MSVOA_N

ClientSampleId :

MDL02

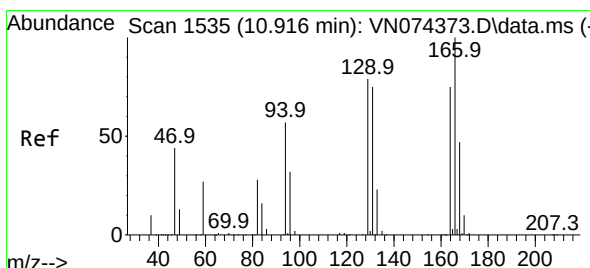
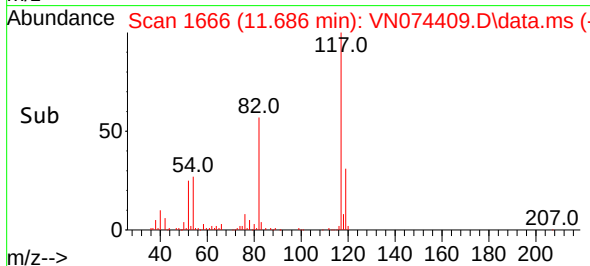
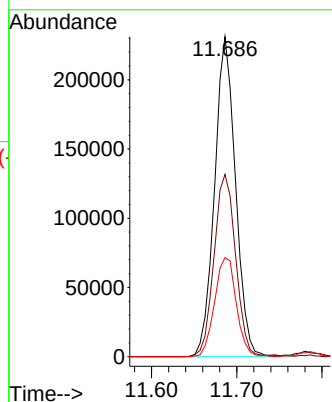
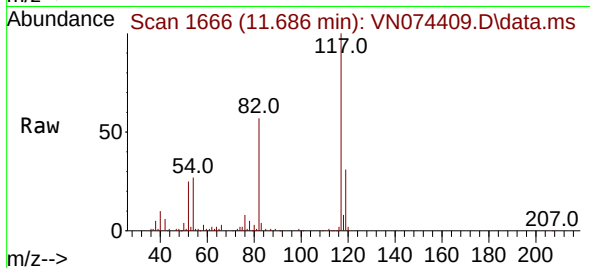
Tgt Ion:	117	Resp:	39465
Ion Ratio	Lower	Upper	
117	100		
82	57.0	44.3	66.5
119	30.9	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#64

Tetrachloroethene

Concen: 2.673 ug/l

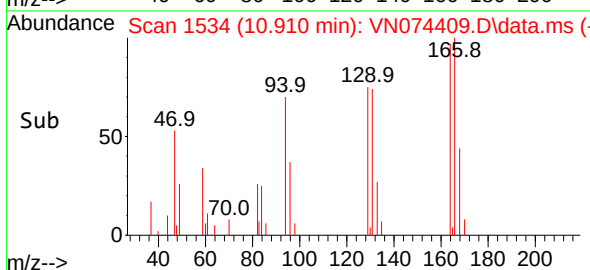
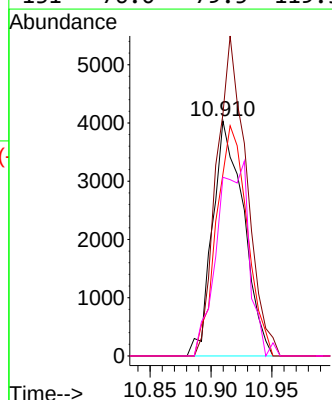
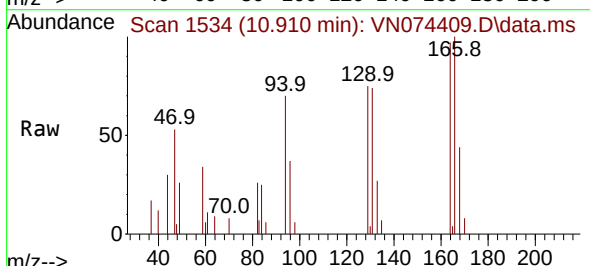
RT: 10.910 min Scan# 1534

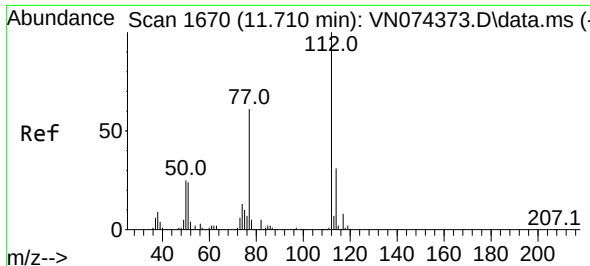
Delta R.T. -0.006 min

Lab File: VN074409.D

Acq: 12 Sep 2022 13:11

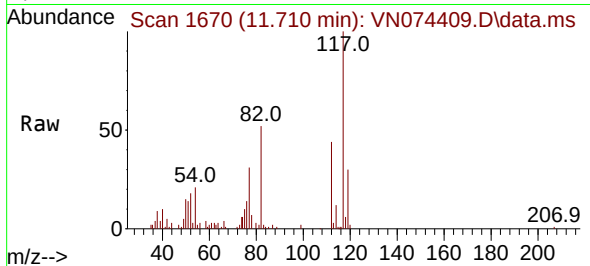
Tgt Ion:	164	Resp:	7151
Ion Ratio	Lower	Upper	
164	100		
166	102.8	106.6	160.0#
129	77.3	84.0	126.0#
131	76.0	79.5	119.3#





#65
Chlorobenzene
Concen: 2.608 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

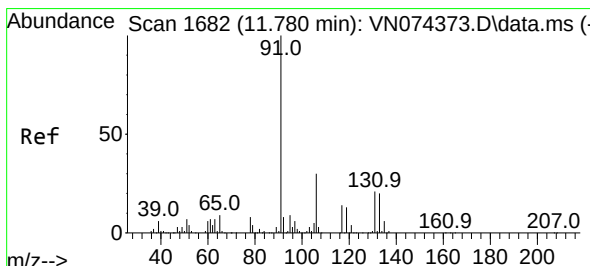
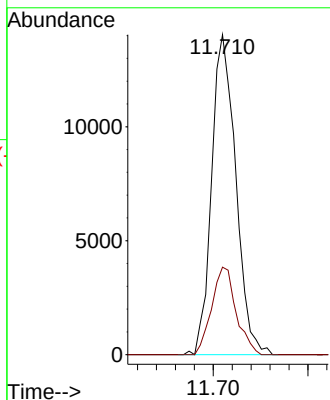
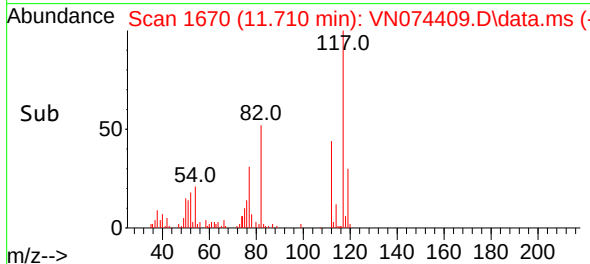
Instrument :
MSVOA_N
ClientSampleId :
MDL02



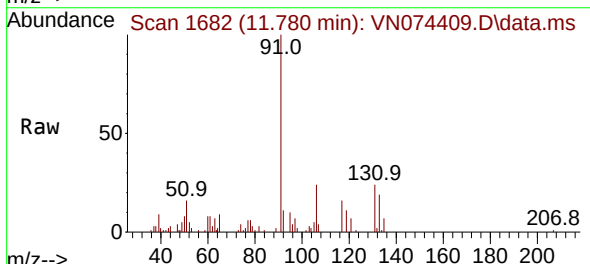
Tgt Ion:112 Resp: 24820
Ion Ratio Lower Upper
112 100
114 27.3 25.1 37.7

Manual Integrations
APPROVED

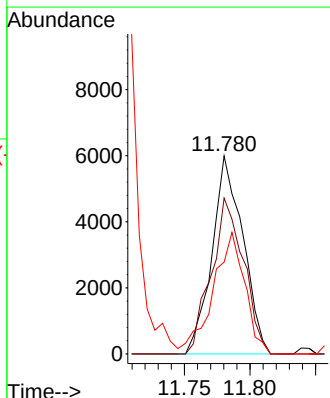
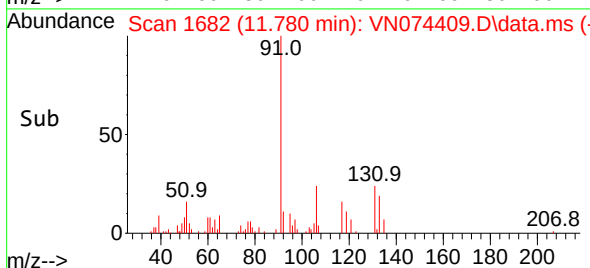
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

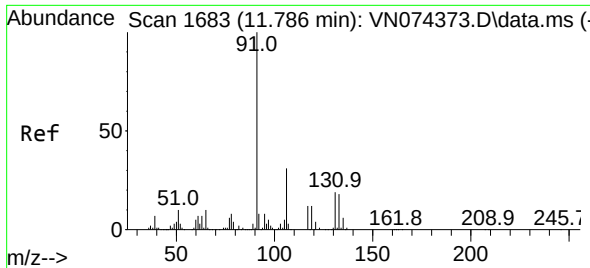


#66
1,1,1,2-Tetrachloroethane
Concen: 2.642 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11



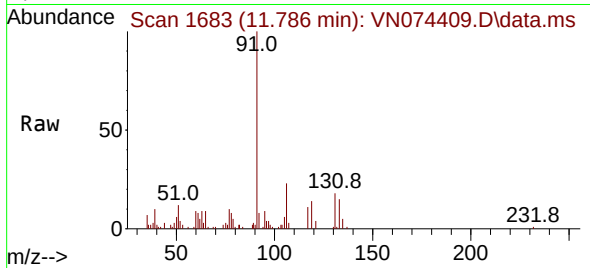
Tgt Ion:131 Resp: 9821
Ion Ratio Lower Upper
131 100
133 82.1 47.3 141.8
119 62.9 33.0 98.9





#67
Ethyl Benzene
Concen: 2.431 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

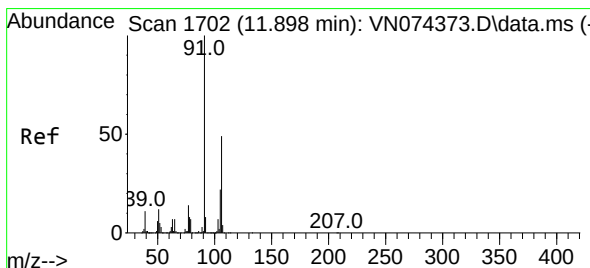
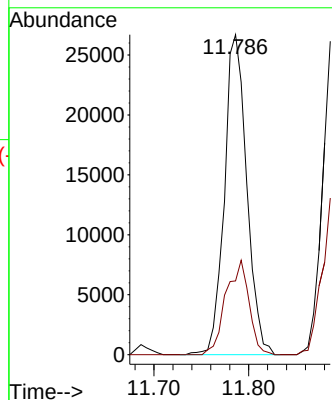
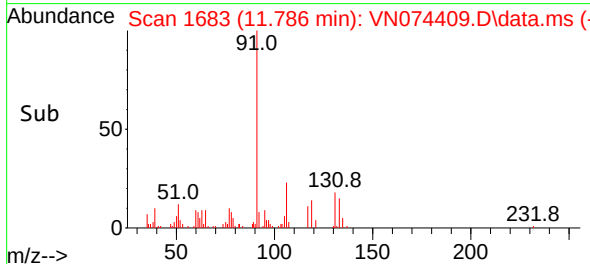
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion: 91 Resp: 43698
Ion Ratio Lower Upper
91 100
106 23.0 24.5 36.7

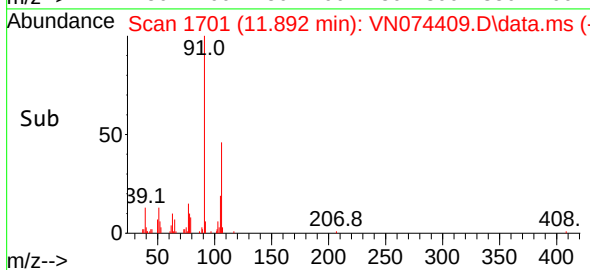
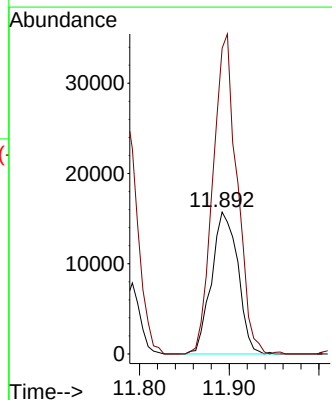
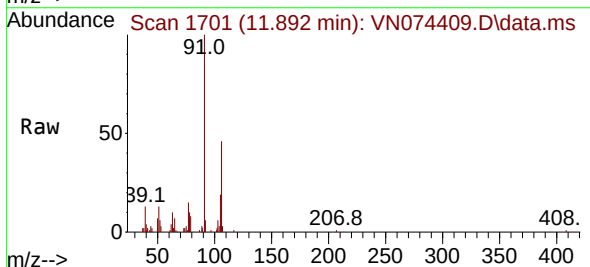
Manual Integrations
APPROVED

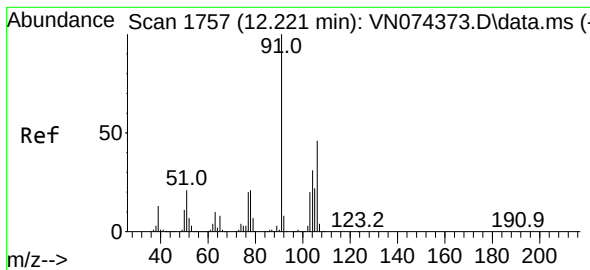
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#68
m/p-Xylenes
Concen: 4.747 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

Tgt Ion:106 Resp: 32076
Ion Ratio Lower Upper
106 100
91 206.4 167.7 251.5





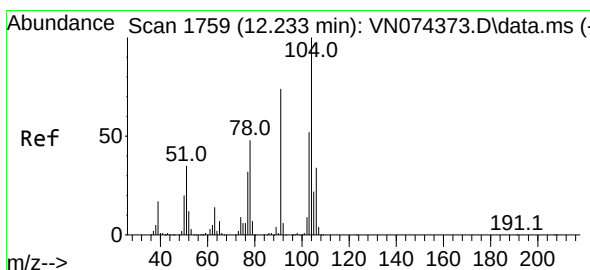
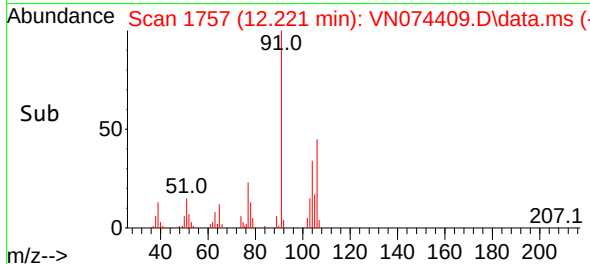
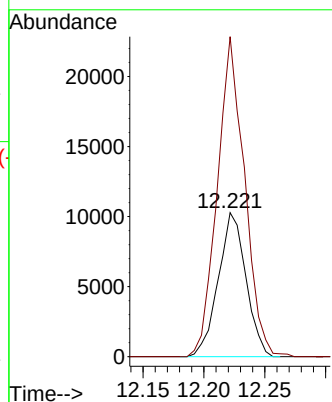
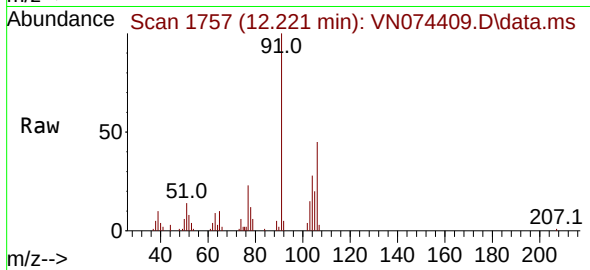
#69
o-Xylene
Concen: 2.395 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

Instrument :
MSVOA_N
ClientSampleId :
MDL02

Tgt Ion:106 Resp: 16264
Ion Ratio Lower Upper
106 100
91 219.0 109.4 328.2

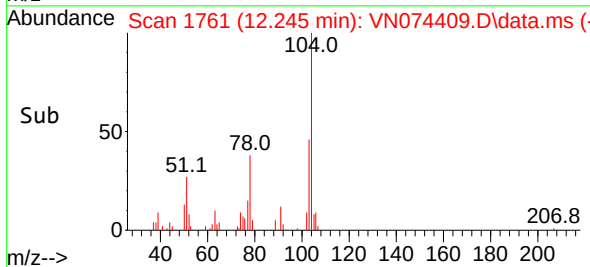
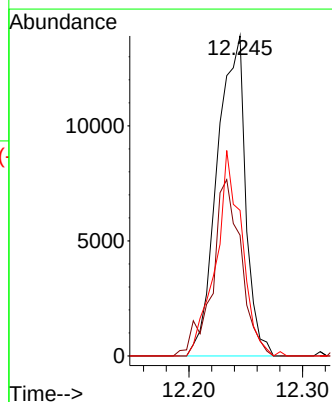
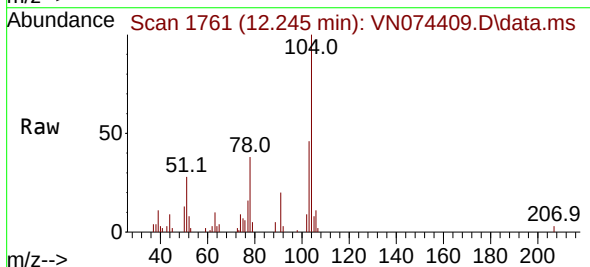
Manual Integrations
APPROVED

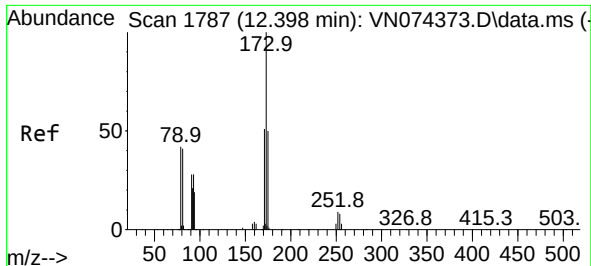
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#70
Styrene
Concen: 2.235 ug/l
RT: 12.245 min Scan# 1761
Delta R.T. 0.012 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

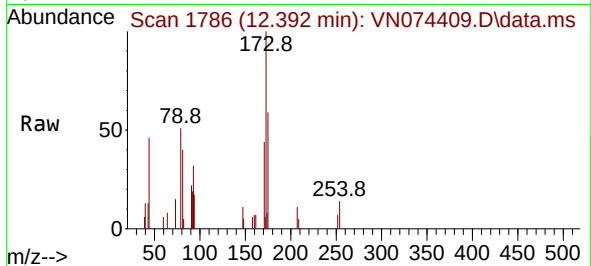
Tgt Ion:104 Resp: 24135
Ion Ratio Lower Upper
104 100
78 55.7 41.8 62.6
103 59.0 43.4 65.2





#71
Bromoform
Concen: 2.522 ug/l
RT: 12.392 min Scan# 1786
Delta R.T. -0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

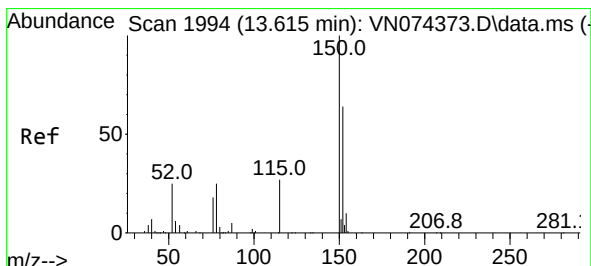
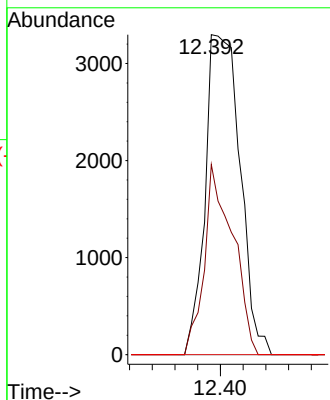
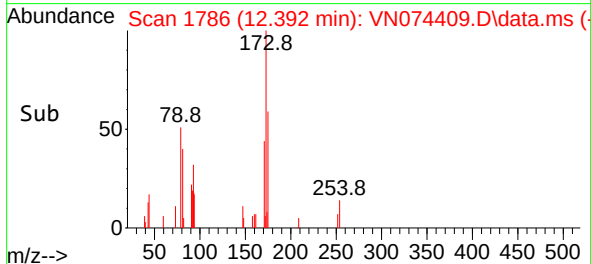
Instrument :
MSVOA_N
ClientSampleId :
MDL02



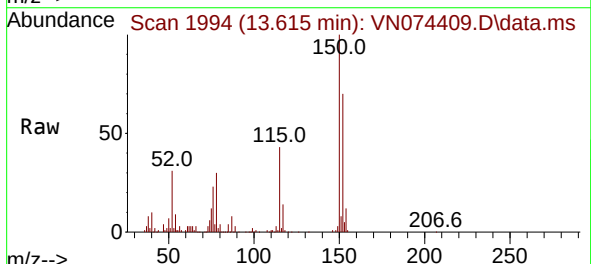
Tgt Ion:173 Resp: 702
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

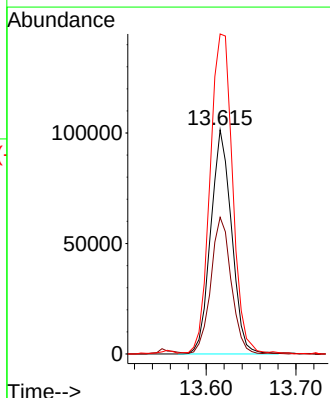
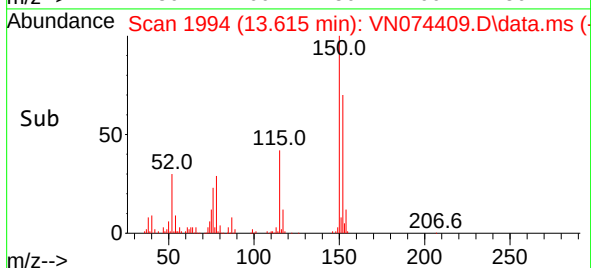
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

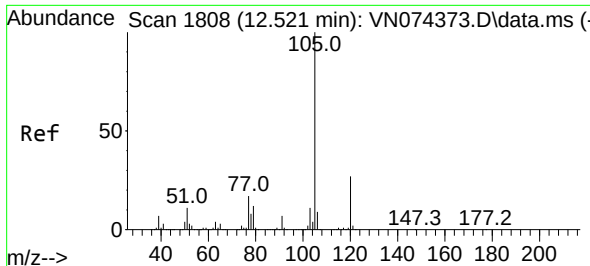


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11



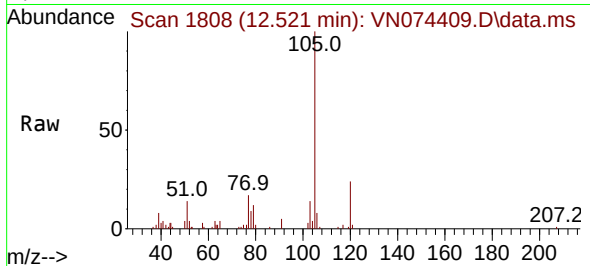
Tgt Ion:152 Resp: 163870
Ion Ratio Lower Upper
152 100
115 59.1 32.0 96.0
150 153.9 0.0 359.6





#73
Isopropylbenzene
Concen: 2.480 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

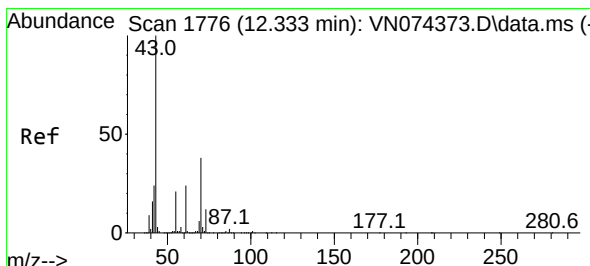
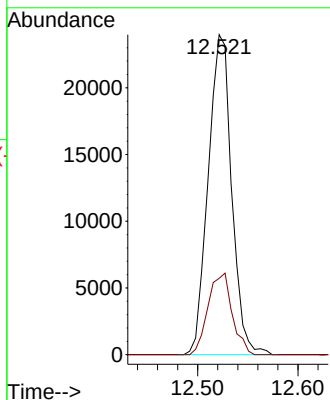
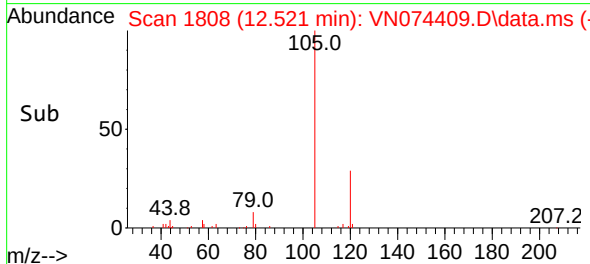
Instrument :
MSVOA_N
ClientSampleId :
MDL02



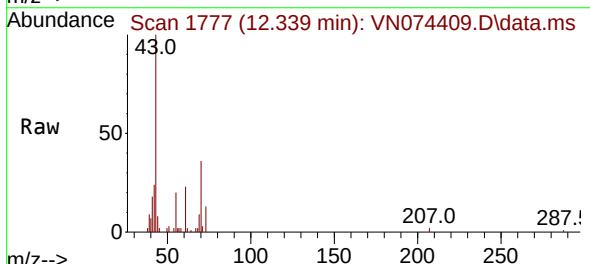
Tgt Ion:105 Resp: 3905
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1

Manual Integrations
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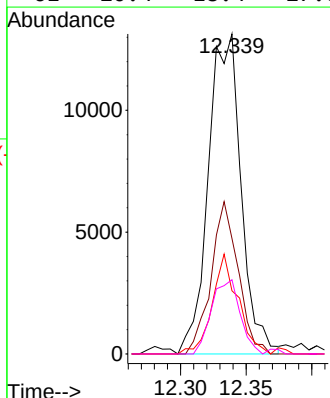
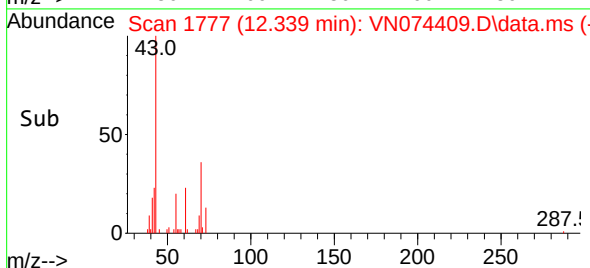
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

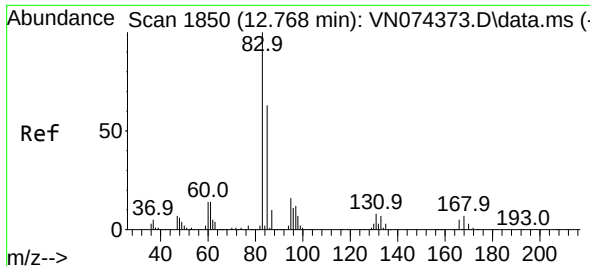


#74
N-ethyl acetate
Concen: 2.484 ug/l
RT: 12.339 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11



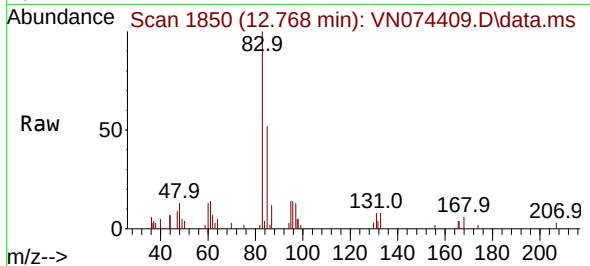
Tgt Ion: 43 Resp: 22770
Ion Ratio Lower Upper
43 100
70 39.5 31.4 47.0
55 24.5 17.0 25.6
61 20.4 18.4 27.6





#75
1,1,2,2-Tetrachloroethane
Concen: 2.897 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

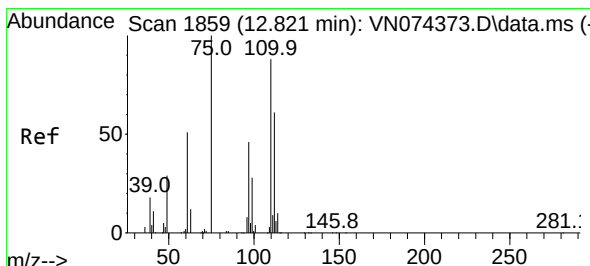
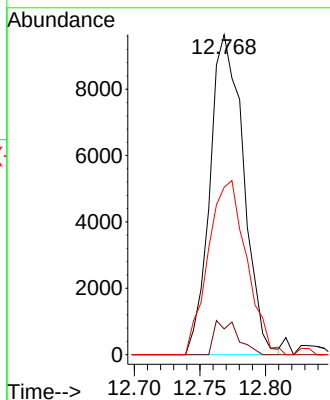
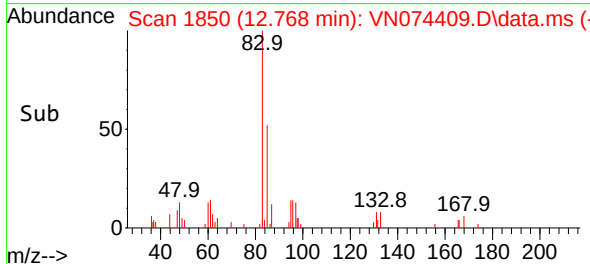
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion: 83 Resp: 1714
Ion Ratio Lower Upper
83 100
131 7.5 4.5 13.7
85 62.4 32.3 96.8

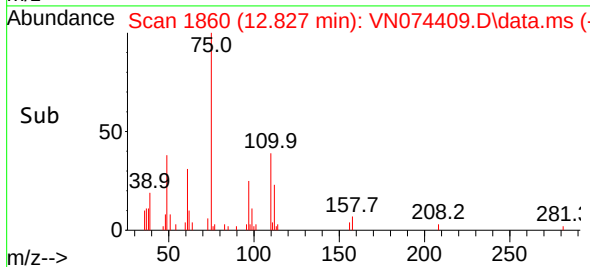
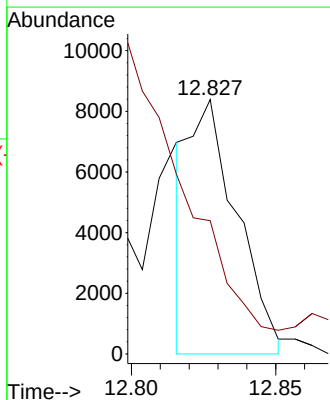
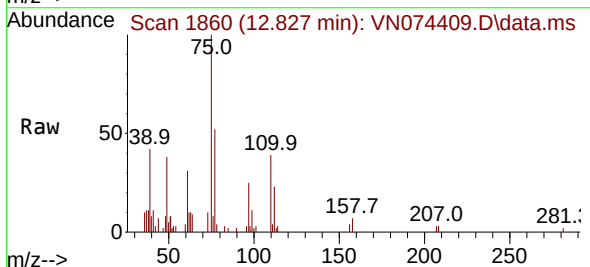
Manual Integrations
APPROVED

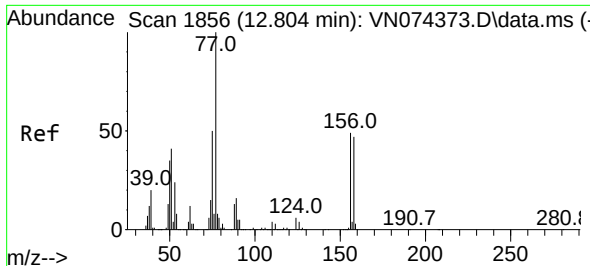
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#76
1,2,3-Trichloropropane
Concen: 2.248 ug/l m
RT: 12.827 min Scan# 1860
Delta R.T. 0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

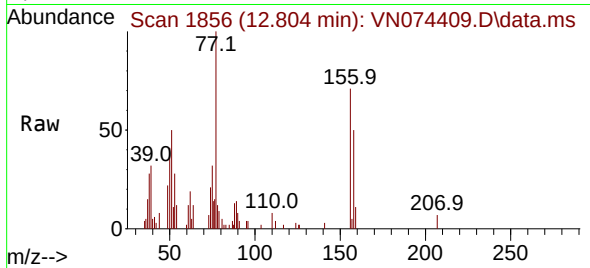
Tgt Ion: 75 Resp: 9631
Ion Ratio Lower Upper
75 100
77 0.0 78.9 236.7#





#77
Bromobenzene
Concen: 2.868 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

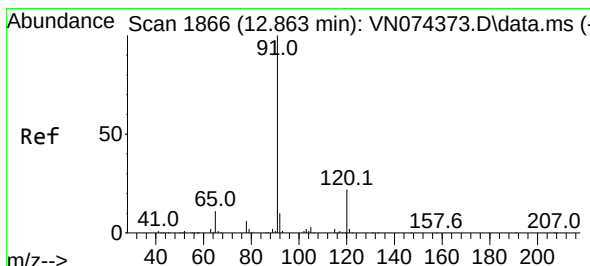
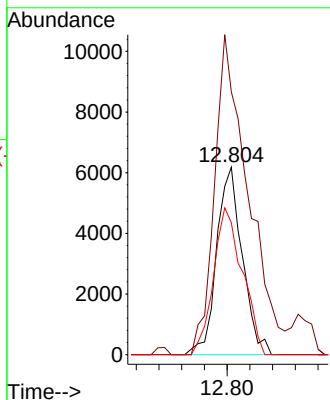
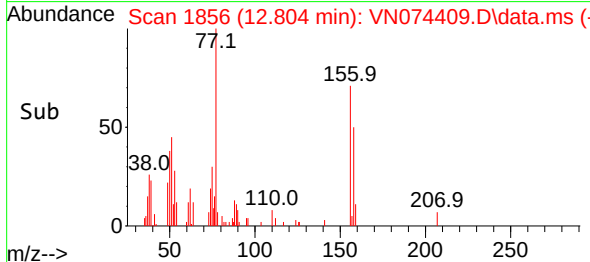
Instrument :
MSVOA_N
ClientSampleId :
MDL02



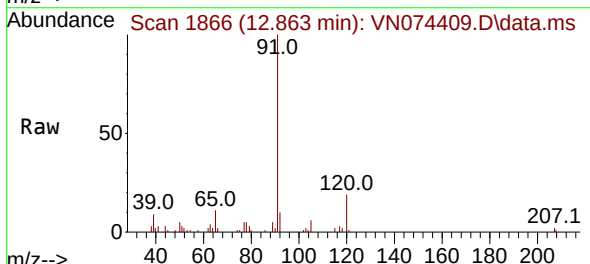
Tgt Ion: 156 Resp: 9694
Ion Ratio Lower Upper
156 100
77 222.5 124.4 373.1
158 88.4 49.2 147.6

Manual Integrations
APPROVED

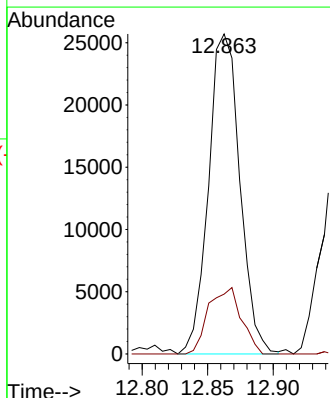
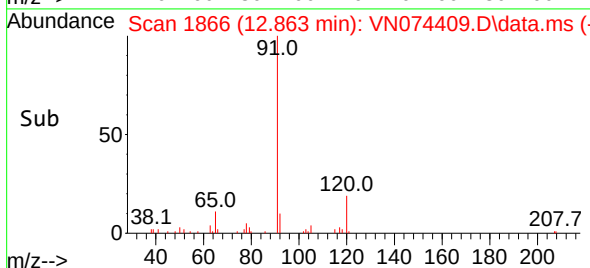
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

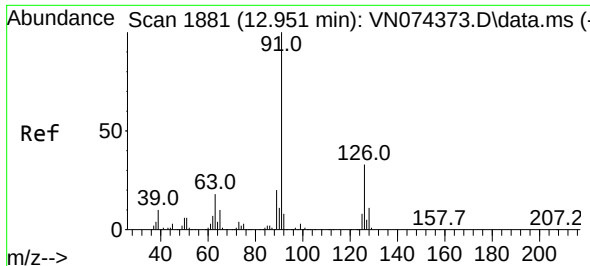


#78
n-propylbenzene
Concen: 2.374 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11



Tgt Ion: 91 Resp: 42822
Ion Ratio Lower Upper
91 100
120 21.7 11.1 33.1





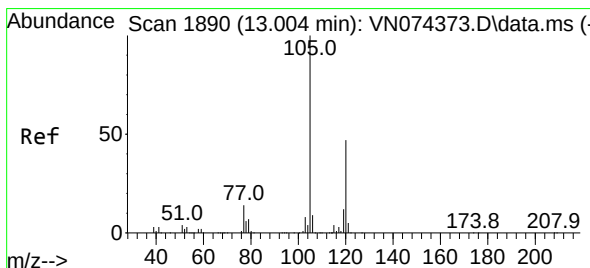
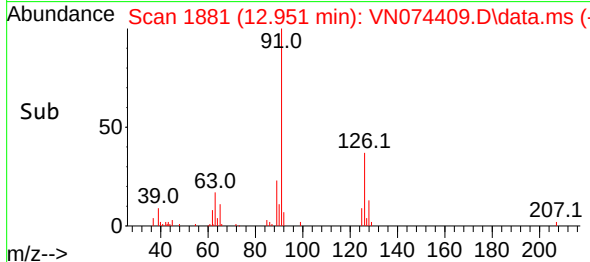
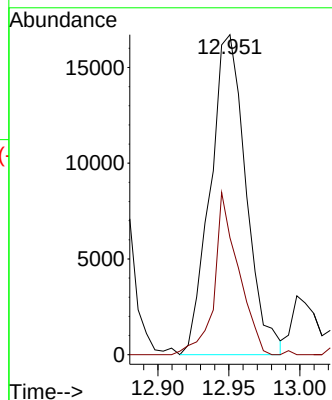
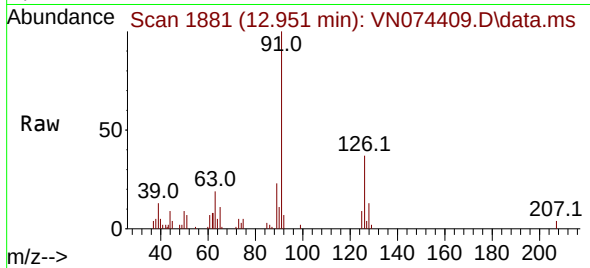
#79
2-Chlorotoluene
Concen: 2.657 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

Instrument :
MSVOA_N
ClientSampleId :
MDL02

Tgt Ion: 91 Resp: 2921
Ion Ratio Lower Upper
91 100
126 34.3 16.2 48.5

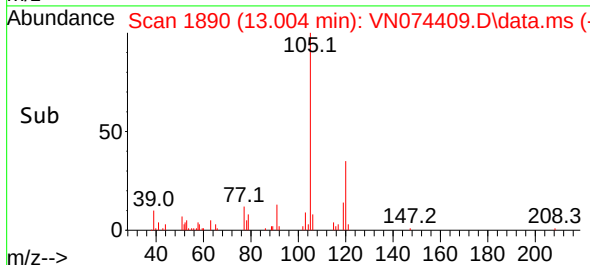
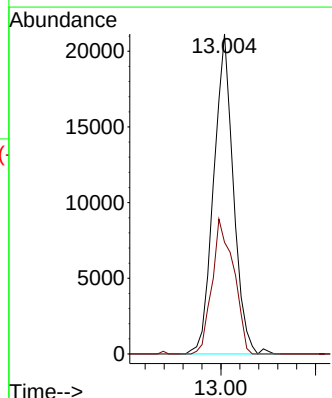
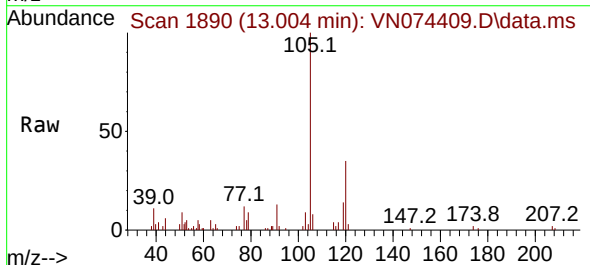
Manual Integrations
APPROVED

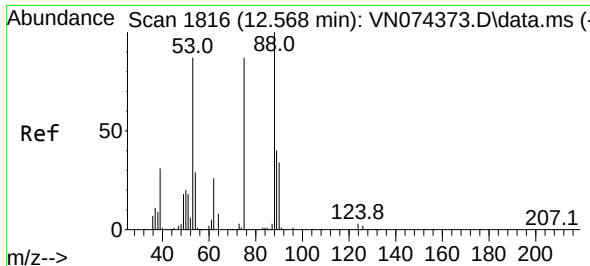
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 2.334 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

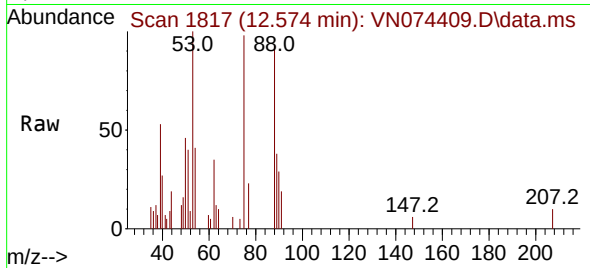
Tgt Ion:105 Resp: 30488
Ion Ratio Lower Upper
105 100
120 46.4 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 2.325 ug/l
RT: 12.574 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

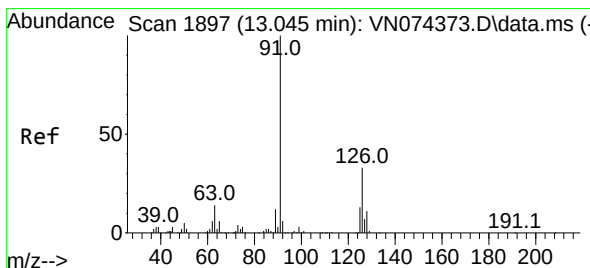
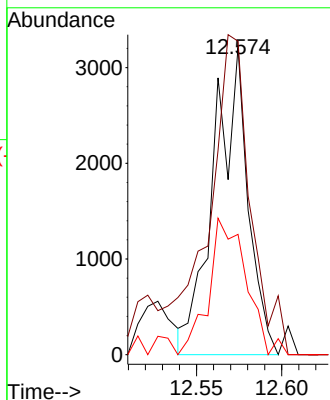
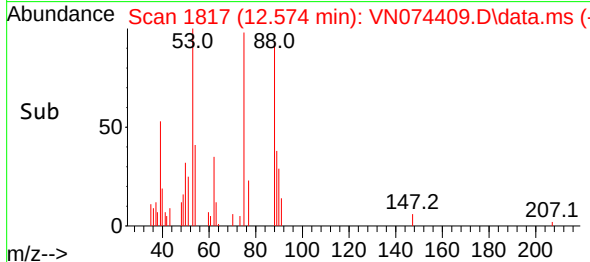
Instrument :
MSVOA_N
ClientSampleId :
MDL02



Tgt Ion: 75 Resp: 4469
Ion Ratio Lower Upper
75 100
53 125.4 82.2 123.2
89 48.7 37.7 56.5

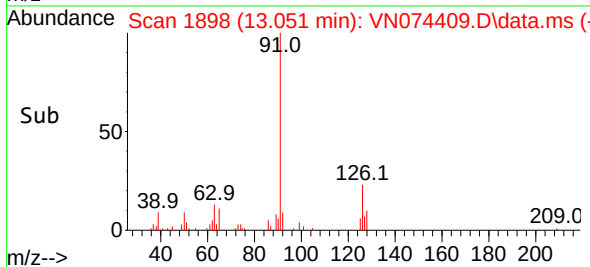
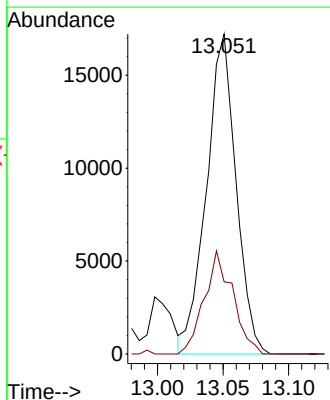
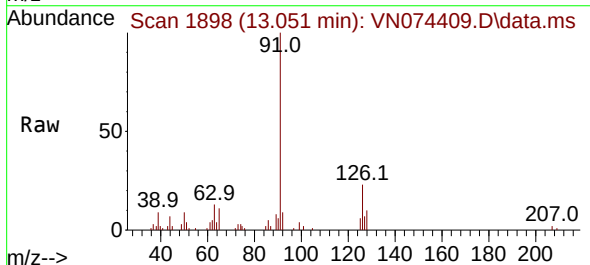
Manual Integrations
APPROVED

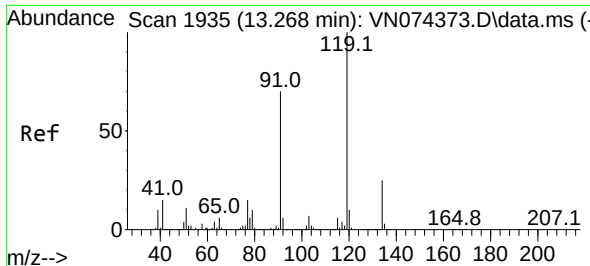
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#82
4-Chlorotoluene
Concen: 2.550 ug/l
RT: 13.051 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

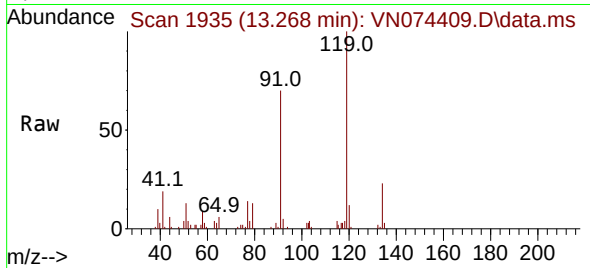
Tgt Ion: 91 Resp: 27059
Ion Ratio Lower Upper
91 100
126 31.0 16.4 49.1





#83
tert-Butylbenzene
Concen: 2.431 ug/l
RT: 13.268 min Scan# 1935
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

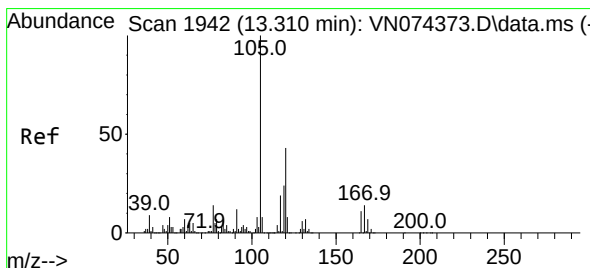
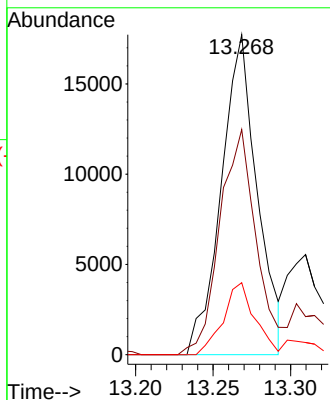
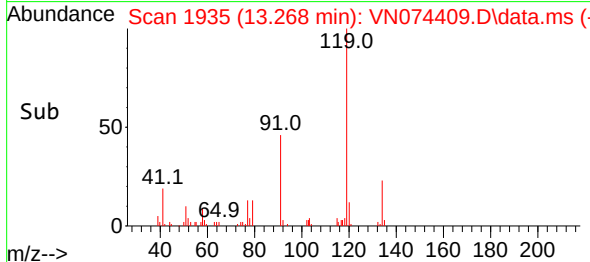
Instrument :
MSVOA_N
ClientSampleId :
MDL02



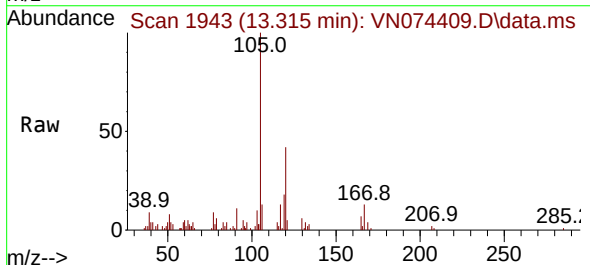
Tgt Ion:119 Resp: 28592
Ion Ratio Lower Upper
119 100
91 72.6 33.8 101.3
134 19.8 13.1 39.3

Manual Integrations
APPROVED

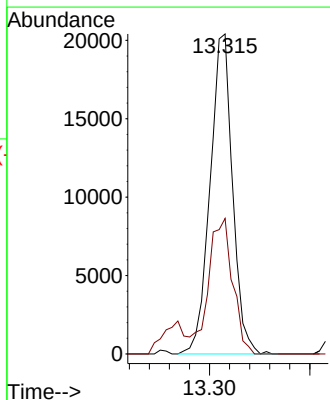
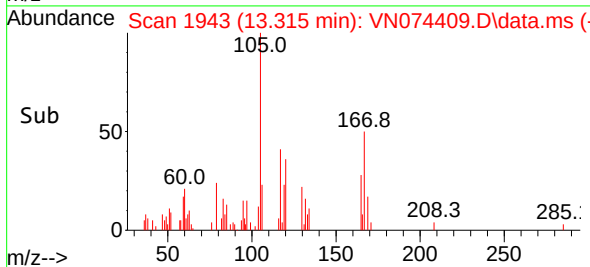
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

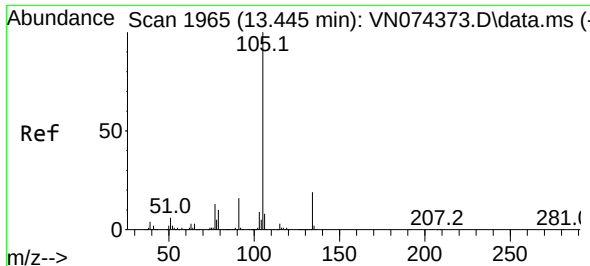


#84
1,2,4-Trimethylbenzene
Concen: 2.452 ug/l
RT: 13.315 min Scan# 1943
Delta R.T. 0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11



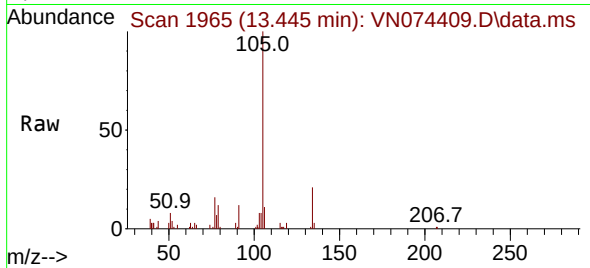
Tgt Ion:105 Resp: 31746
Ion Ratio Lower Upper
105 100
120 45.4 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 2.318 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VN074409.D
 Acq: 12 Sep 2022 13:11

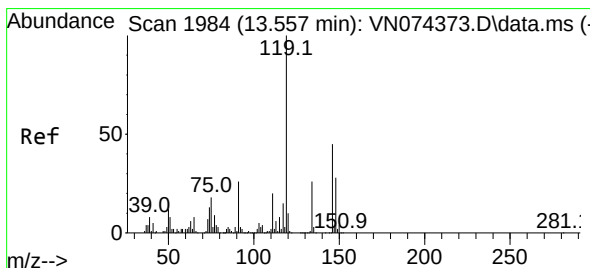
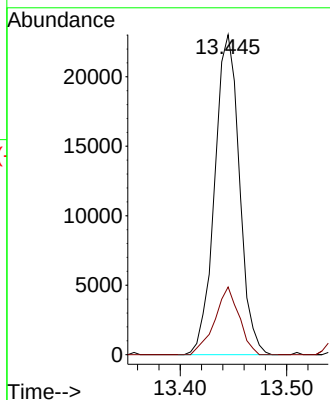
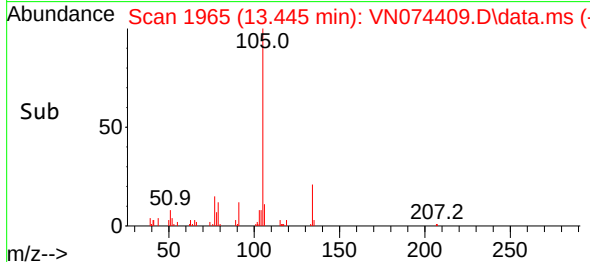
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL02



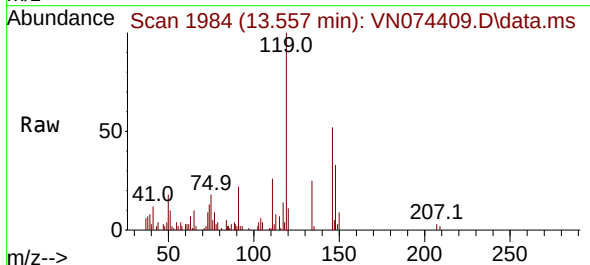
Tgt Ion:105 Resp: 3709
 Ion Ratio Lower Upper
 105 100
 134 20.9 9.7 28.9

Manual Integrations
 APPROVED

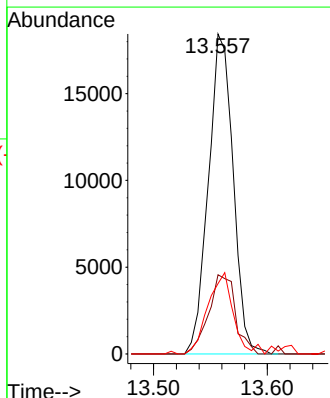
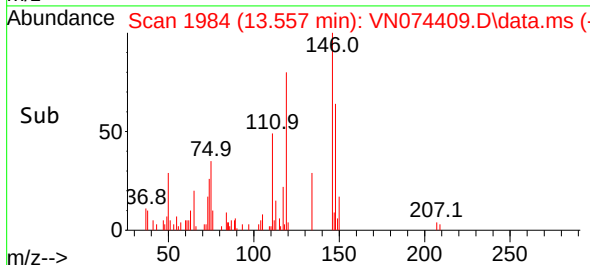
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022

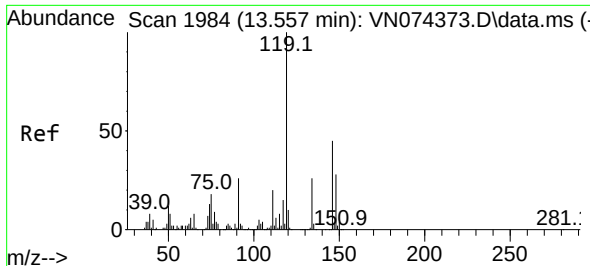


#86
 p-Isopropyltoluene
 Concen: 2.179 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN074409.D
 Acq: 12 Sep 2022 13:11



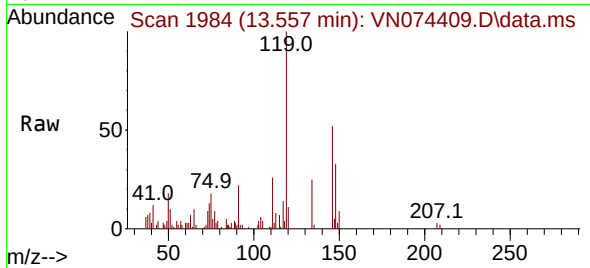
Tgt Ion:119 Resp: 27912
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.0 38.9
 91 25.4 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 2.529 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

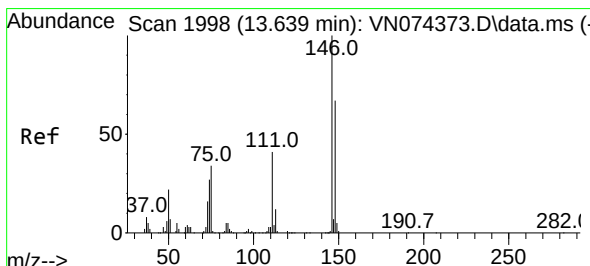
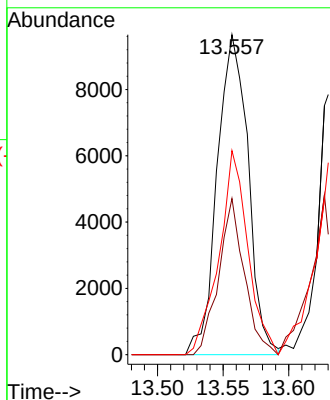
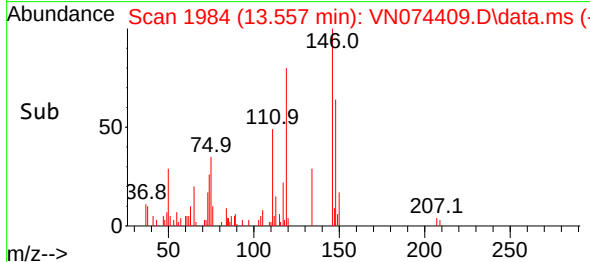
Instrument :
MSVOA_N
ClientSampleId :
MDL02



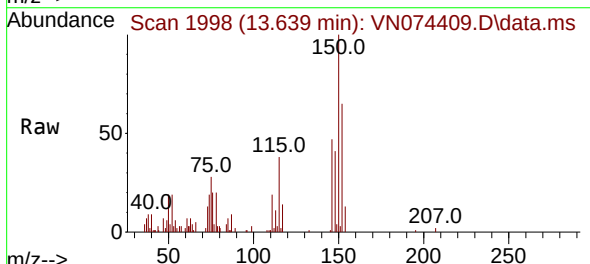
Tgt Ion:146 Resp: 15802
Ion Ratio Lower Upper
146 100
111 40.7 21.5 64.5
148 59.9 32.0 96.0

Manual Integrations
APPROVED

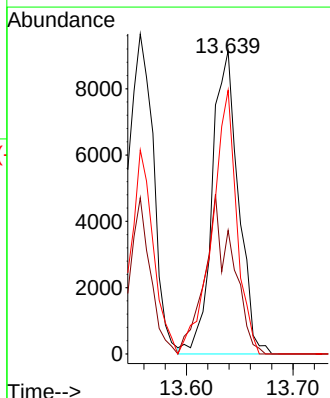
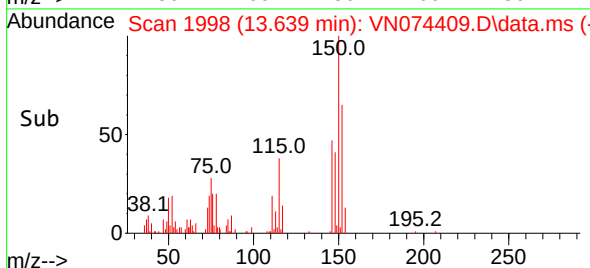
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

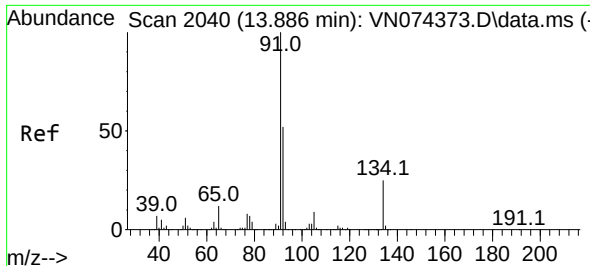


#88
1,4-Dichlorobenzene
Concen: 2.471 ug/l
RT: 13.639 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11



Tgt Ion:146 Resp: 15601
Ion Ratio Lower Upper
146 100
111 55.8 20.8 62.2
148 81.9 32.1 96.5





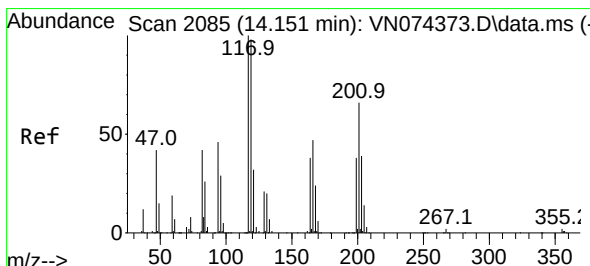
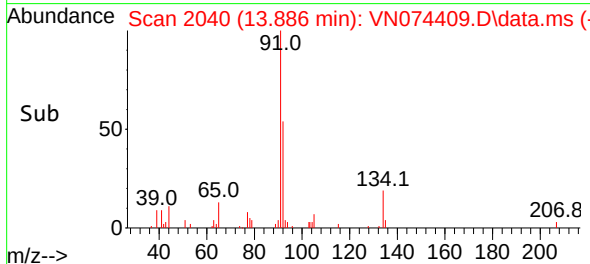
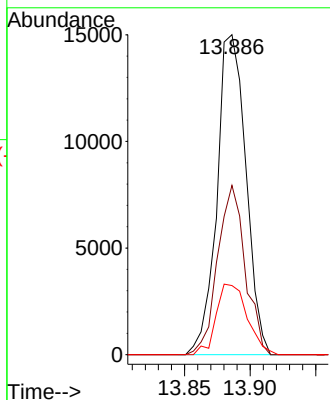
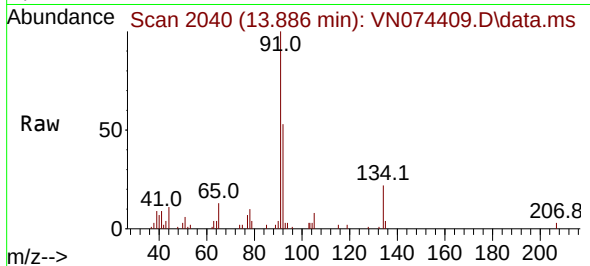
#89
n-Butylbenzene
Concen: 2.115 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

Instrument :
MSVOA_N
ClientSampleId :
MDL02

Tgt Ion: 91 Resp: 23054
Ion Ratio Lower Upper
91 100
92 50.5 25.8 77.4
134 23.6 12.4 37.0

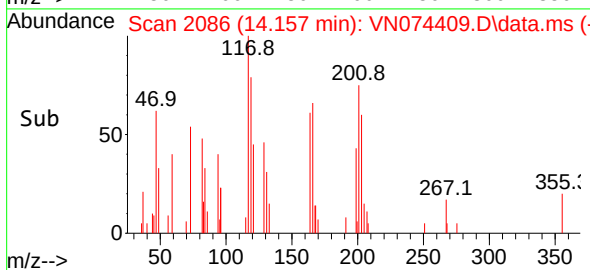
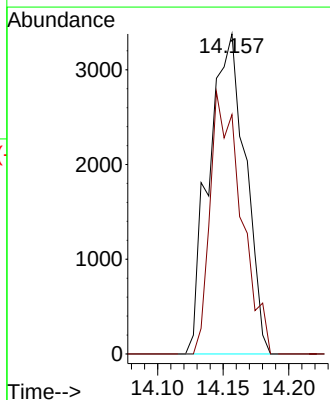
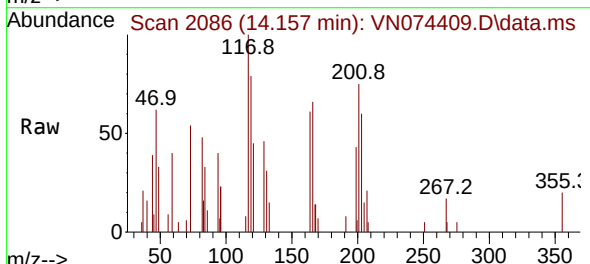
Manual Integrations
APPROVED

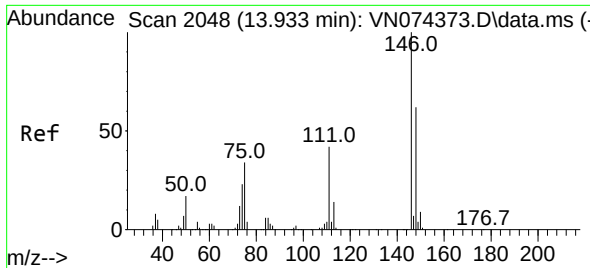
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#90
Hexachloroethane
Concen: 2.424 ug/l
RT: 14.157 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

Tgt Ion:117 Resp: 6559
Ion Ratio Lower Upper
117 100
201 69.5 32.6 98.0





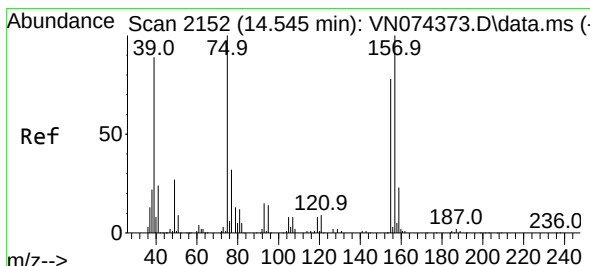
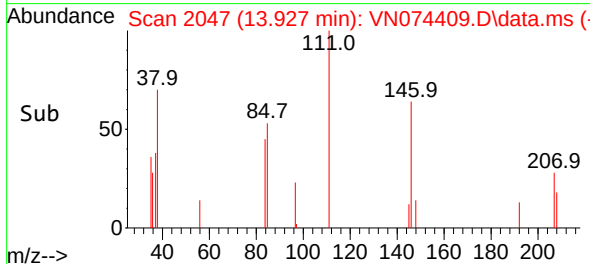
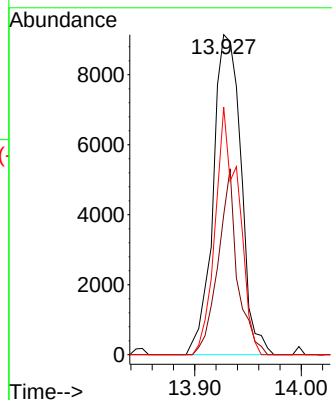
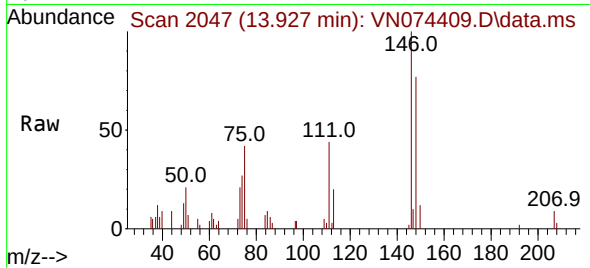
#91
1,2-Dichlorobenzene
Concen: 2.530 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. -0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

Instrument :
MSVOA_N
ClientSampleId :
MDL02

Tgt Ion:146 Resp: 16620
Ion Ratio Lower Upper
146 100
111 40.5 21.9 65.7
148 64.4 31.4 94.2

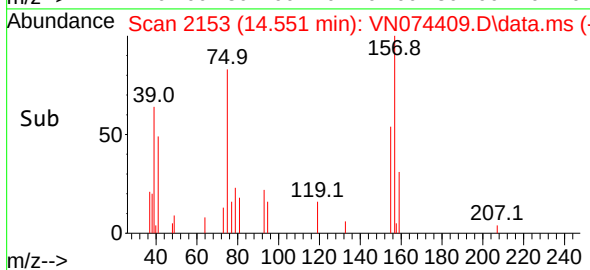
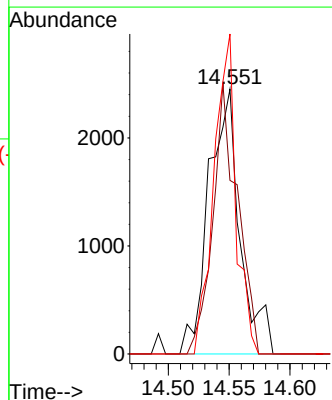
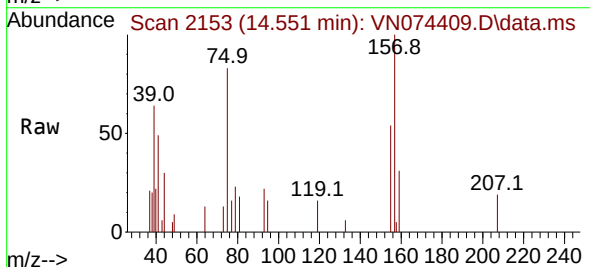
Manual Integrations
APPROVED

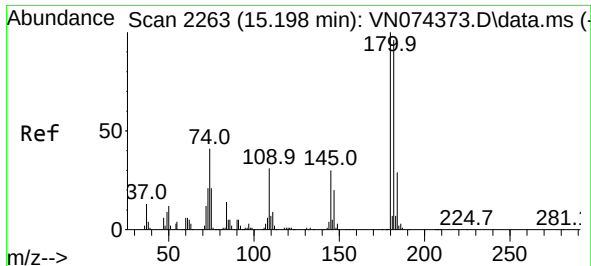
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.718 ug/l
RT: 14.551 min Scan# 2153
Delta R.T. 0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

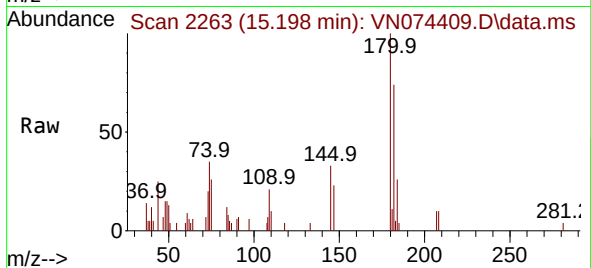
Tgt Ion: 75 Resp: 4377
Ion Ratio Lower Upper
75 100
155 80.9 36.6 109.9
157 85.2 46.2 138.5





#93
1,2,4-Trichlorobenzene
Concen: 2.415 ug/l
RT: 15.198 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

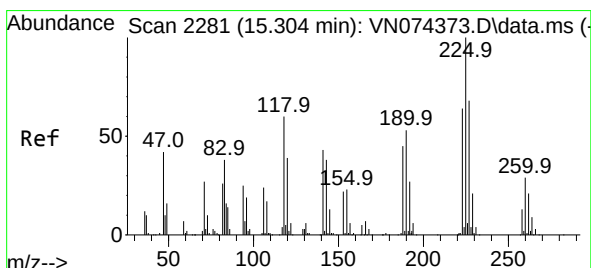
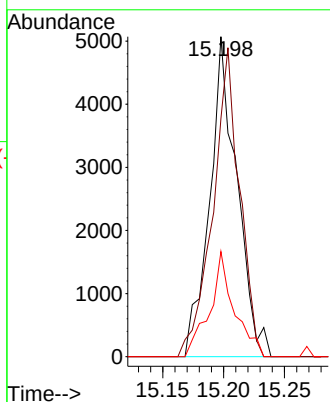
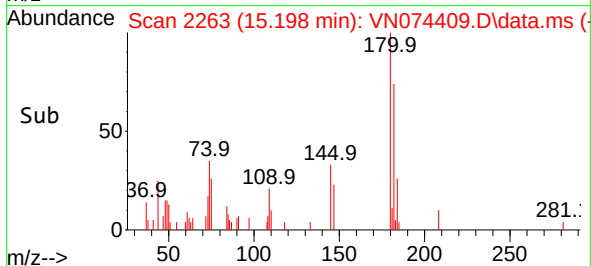
Instrument :
MSVOA_N
ClientSampleId :
MDL02



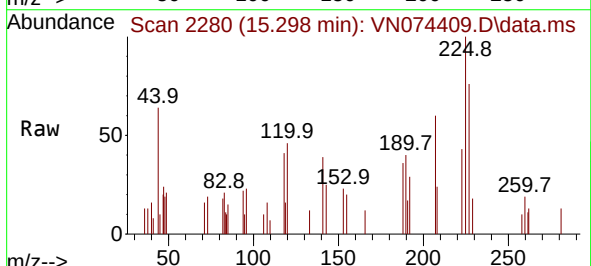
Tgt Ion:180 Resp: 7909
Ion Ratio Lower Upper
180 100
182 94.2 47.4 142.2
145 29.6 16.1 48.2

Manual Integrations
APPROVED

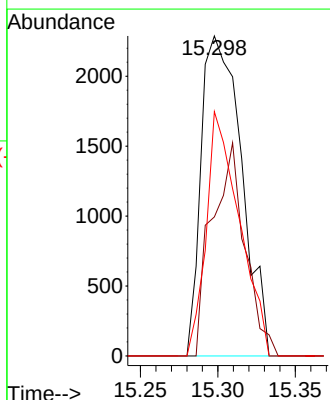
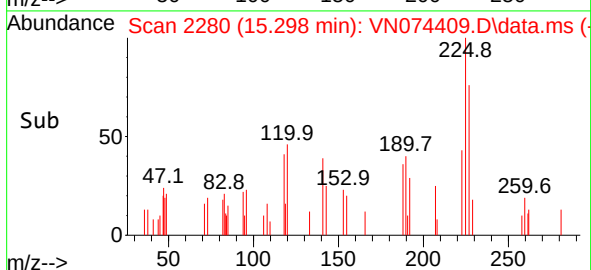
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

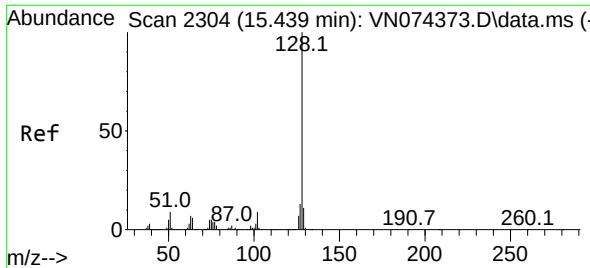


#94
Hexachlorobutadiene
Concen: 2.791 ug/l
RT: 15.298 min Scan# 2280
Delta R.T. -0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11



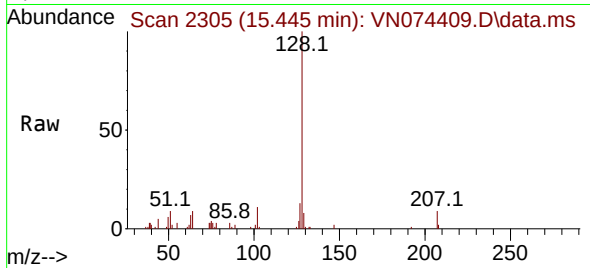
Tgt Ion:225 Resp: 4142
Ion Ratio Lower Upper
225 100
223 54.7 31.6 94.8
227 62.7 31.8 95.4





#95
Naphthalene
Concen: 2.312 ug/l
RT: 15.445 min Scan# 2305
Delta R.T. 0.006 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11

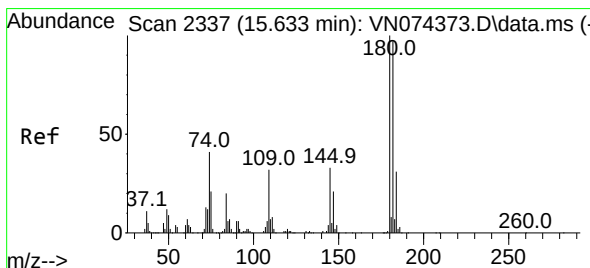
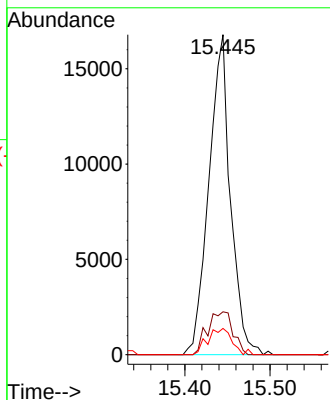
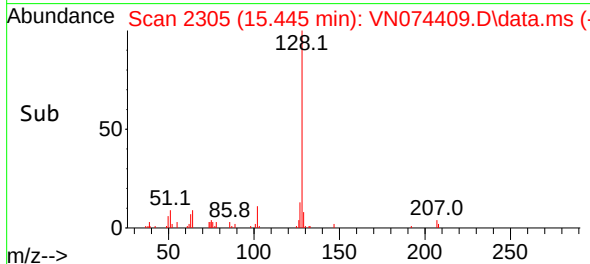
Instrument :
MSVOA_N
ClientSampleId :
MDL02



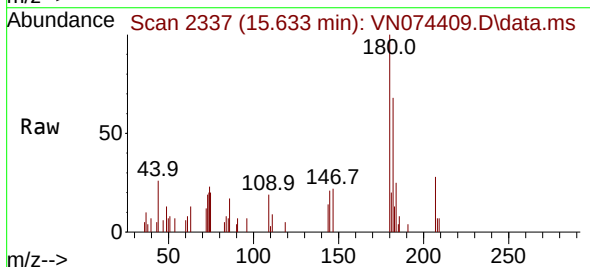
Tgt Ion:128 Resp: 29610
Ion Ratio Lower Upper
128 100
127 15.9 10.6 16.0
129 9.3 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 2.400 ug/l
RT: 15.633 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VN074409.D
Acq: 12 Sep 2022 13:11



Tgt Ion:180 Resp: 8133
Ion Ratio Lower Upper
180 100
182 83.6 47.6 142.8
145 32.4 17.3 52.0

