

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091222\
 Data File : VN074408.D
 Acq On : 12 Sep 2022 12:47
 Operator : JC\MD
 Sample : MDL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

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

Quant Time: Sep 13 09:18:40 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	243796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	447033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	386888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	158056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	216963	51.437	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.880%			
35) Dibromofluoromethane	7.951	113	161884	53.641	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.280%			
50) Toluene-d8	10.381	98	578017	49.155	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.300%			
62) 4-Bromofluorobenzene	12.675	95	185798	43.519	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	8734	2.764	ug/l	98
3) Chloromethane	2.269	50	13703	3.073	ug/l	93
4) Vinyl Chloride	2.405	62	17111	3.242	ug/l	96
5) Bromomethane	2.787	94	13881	3.763	ug/l	89
6) Chloroethane	2.952	64	14562	3.727	ug/l #	85
7) Trichlorofluoromethane	3.310	101	14848	2.849	ug/l #	75
8) Diethyl Ether	3.769	74	7380	3.356	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.134	101	8716	2.791	ug/l #	85
10) Methyl Iodide	4.352	142	9690	2.684	ug/l	96
11) Tert butyl alcohol	5.287	59	14383	13.037	ug/l #	89
12) 1,1-Dichloroethene	4.104	96	8919	2.935	ug/l	85
13) Acrolein	3.975	56	10604	14.469	ug/l	95
14) Allyl chloride	4.757	41	19485	2.923	ug/l #	93
15) Acrylonitrile	5.475	53	35342	14.002	ug/l	98
16) Acetone	4.234	43	35325	15.512	ug/l	97
17) Carbon Disulfide	4.452	76	22681	2.746	ug/l #	87
18) Methyl Acetate	4.781	43	21523	3.206	ug/l	94
19) Methyl tert-butyl Ether	5.534	73	33673	2.753	ug/l	92
20) Methylene Chloride	5.016	84	11286	2.870	ug/l #	88
21) trans-1,2-Dichloroethene	5.510	96	9623	2.826	ug/l #	54
22) Diisopropyl ether	6.410	45	32949	2.455	ug/l #	94
23) Vinyl Acetate	6.351	43	149645	12.493	ug/l #	89
24) 1,1-Dichloroethane	6.298	63	19050	2.762	ug/l #	94
25) 2-Butanone	7.263	43	54958	14.377	ug/l #	85
26) 2,2-Dichloropropane	7.245	77	15512	2.486	ug/l	87
27) cis-1,2-Dichloroethene	7.245	96	11354	2.706	ug/l	91
28) Bromochloromethane	7.569	49	9241	3.767	ug/l #	99
29) Tetrahydrofuran	7.610	42	34653	13.714	ug/l #	79
30) Chloroform	7.751	83	17857	2.594	ug/l	95
31) Cyclohexane	8.022	56	23532	3.508	ug/l #	81
32) 1,1,1-Trichloroethane	7.940	97	15671	2.537	ug/l	95
36) 1,1-Dichloropropene	8.145	75	12513	2.517	ug/l	81
37) Ethyl Acetate	7.345	43	19205	2.663	ug/l #	95
38) Carbon Tetrachloride	8.128	117	13852	2.699	ug/l	95
39) Methylcyclohexane	9.398	83	13909	2.207	ug/l	90
40) Benzene	8.387	78	41484	2.725	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	10178	2.844	ug/l #	88
42) 1,2-Dichloroethane	8.457	62	15714	2.700	ug/l	94
43) Isopropyl Acetate	8.492	43	28330	2.402	ug/l	97
44) Trichloroethene	9.145	130	9911	2.904	ug/l	94
45) 1,2-Dichloropropane	9.428	63	11887	2.942	ug/l	92
46) Dibromomethane	9.510	93	8047	2.908	ug/l	92
47) Bromodichloromethane	9.710	83	14320	2.597	ug/l	98
48) Methyl methacrylate	9.498	41	14021	2.697	ug/l	87
49) 1,4-Dioxane	9.510	88	5927	54.107	ug/l #	74
51) 4-Methyl-2-Pentanone	10.269	43	97782	12.677	ug/l	100
52) Toluene	10.445	92	23118	2.456	ug/l	91
53) t-1,3-Dichloropropene	10.657	75	14269	2.345	ug/l	93
54) cis-1,3-Dichloropropene	10.128	75	15257	2.352	ug/l #	78
55) 1,1,2-Trichloroethane	10.839	97	10567	2.723	ug/l #	92
56) Ethyl methacrylate	10.698	69	15475	2.347	ug/l #	86
57) 1,3-Dichloropropane	10.986	76	17685	2.607	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	37000	12.063	ug/l	97
59) 2-Hexanone	11.028	43	74141	12.456	ug/l	99
60) Dibromochloromethane	11.180	129	9418	2.397	ug/l	100
61) 1,2-Dibromoethane	11.286	107	10600	2.655	ug/l	99
64) Tetrachloroethene	10.916	164	6520	2.486	ug/l	85
65) Chlorobenzene	11.710	112	24177	2.592	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.786	131	9436	2.589	ug/l	98
67) Ethyl Benzene	11.786	91	39751	2.256	ug/l	91
68) m/p-Xylenes	11.898	106	31410	4.742	ug/l	97
69) o-Xylene	12.222	106	17160	2.577	ug/l	92
70) Styrene	12.233	104	25439	2.403	ug/l	95
71) Bromoform	12.398	173	6367	2.333	ug/l #	88
73) Isopropylbenzene	12.522	105	40530	2.669	ug/l	97
74) N-amyl acetate	12.333	43	23264	2.631	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.769	83	17443	3.057	ug/l	94
76) 1,2,3-Trichloropropane	12.827	75	11154m	2.700	ug/l	
77) Bromobenzene	12.804	156	10405	3.192	ug/l	89
78) n-propylbenzene	12.863	91	43038	2.474	ug/l	99
79) 2-Chlorotoluene	12.951	91	28320	2.670	ug/l	99
80) 1,3,5-Trimethylbenzene	13.004	105	33761	2.680	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.575	75	4913	2.650	ug/l	98
82) 4-Chlorotoluene	13.045	91	27942	2.730	ug/l	97
83) tert-Butylbenzene	13.269	119	30640	2.701	ug/l	95
84) 1,2,4-Trimethylbenzene	13.310	105	32126	2.573	ug/l	99
85) sec-Butylbenzene	13.439	105	38197	2.475	ug/l	99
86) p-Isopropyltoluene	13.563	119	28054	2.271	ug/l	96
87) 1,3-Dichlorobenzene	13.557	146	16029	2.659	ug/l	92
88) 1,4-Dichlorobenzene	13.633	146	15646	2.570	ug/l	83
89) n-Butylbenzene	13.886	91	24062	2.289	ug/l	97
90) Hexachloroethane	14.151	117	6773	2.595	ug/l	100
91) 1,2-Dichlorobenzene	13.927	146	16183	2.553	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.545	75	4319	2.780	ug/l	92
93) 1,2,4-Trichlorobenzene	15.198	180	6680	2.115	ug/l	89
94) Hexachlorobutadiene	15.316	225	3718	2.597	ug/l	95
95) Naphthalene	15.445	128	28343	2.294	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.633	180	8764	2.681	ug/l	90

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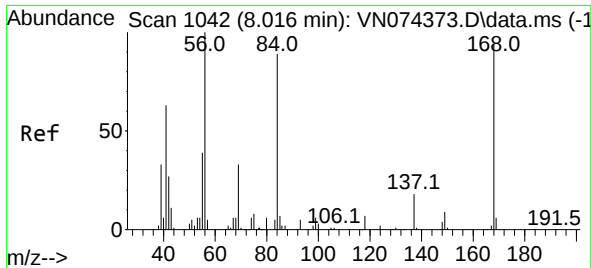
Manual Integrations
APPROVED

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Response via : Initial Calibration

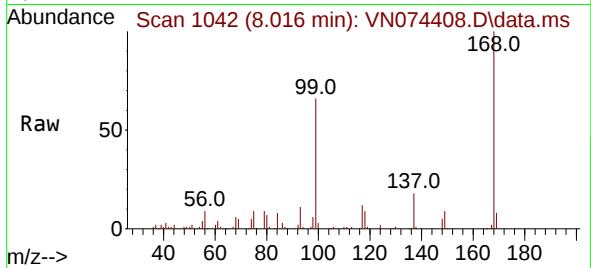
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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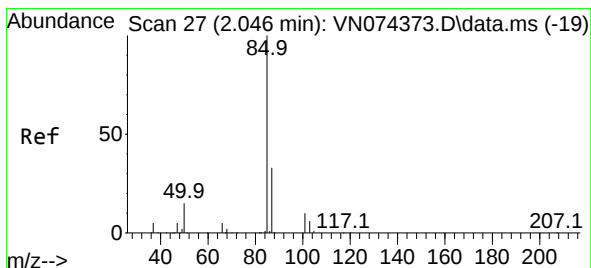
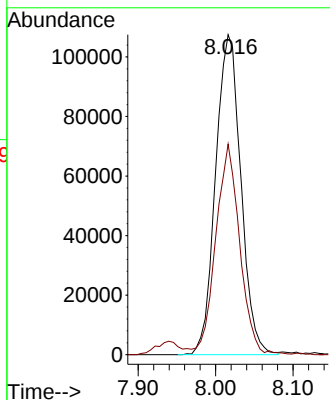
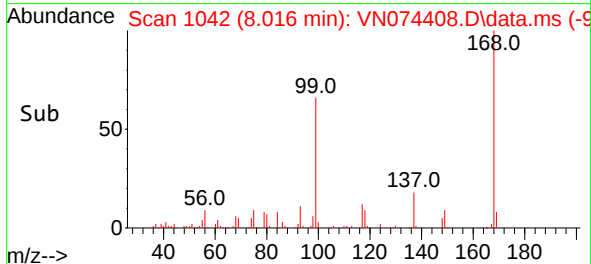
Instrument :
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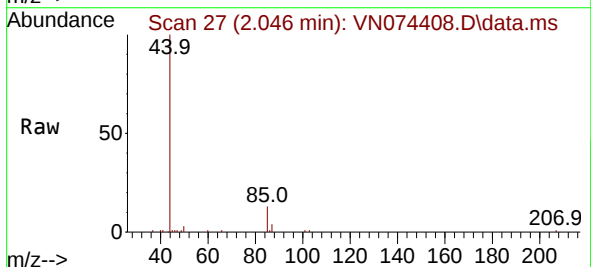
Tgt Ion:168 Resp: 243790
Ion Ratio Lower Upper
168 100
99 65.2 52.8 79.2

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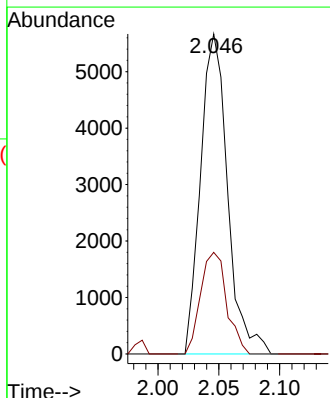
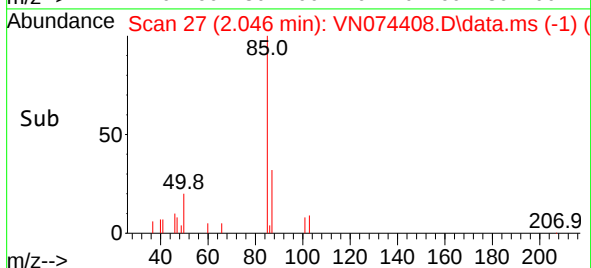
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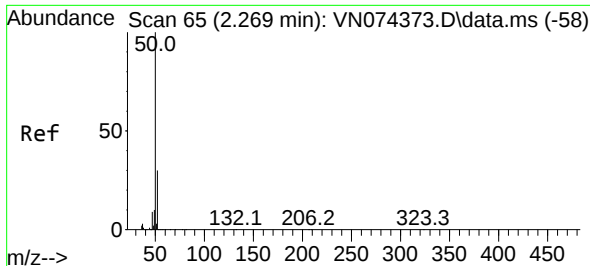


#2
Dichlorodifluoromethane
Concen: 2.764 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47



Tgt Ion: 85 Resp: 8734
Ion Ratio Lower Upper
85 100
87 31.7 16.4 49.2





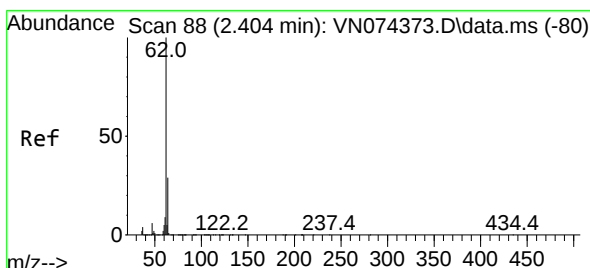
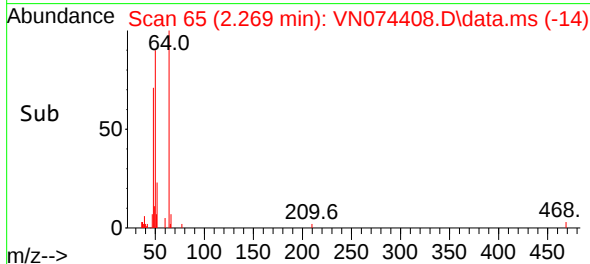
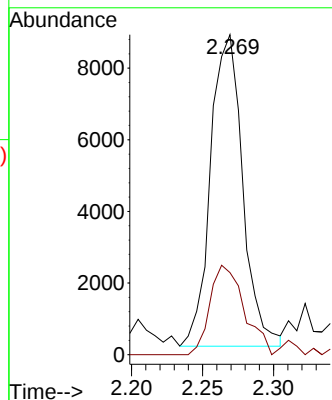
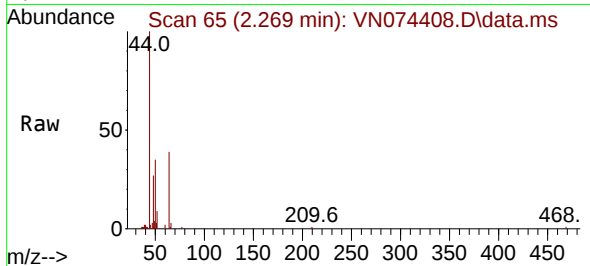
#3
Chloromethane
Concen: 3.073 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

Instrument :
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Tgt Ion: 50 Resp: 1370
Ion Ratio Lower Upper
50 100
52 26.3 24.1 36.1

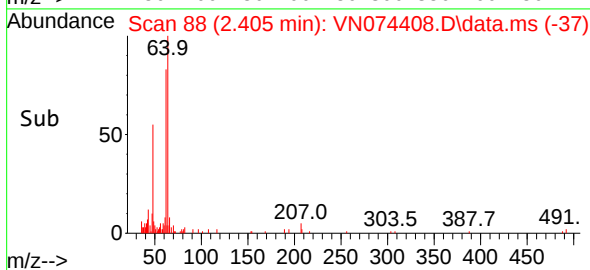
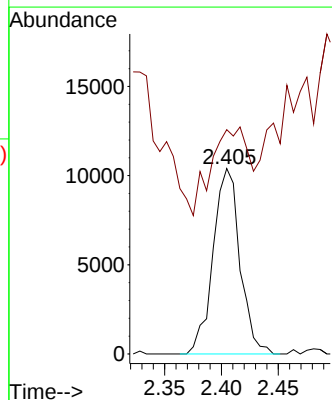
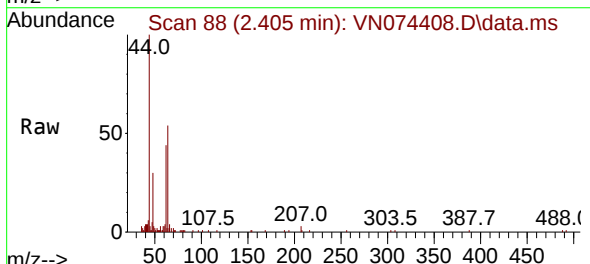
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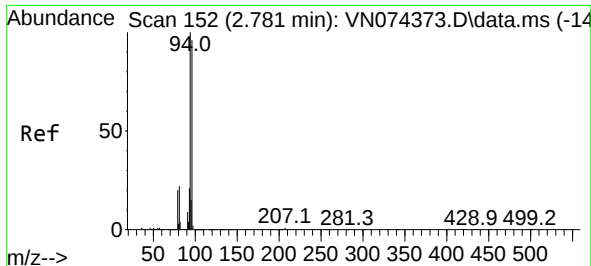
Reviewed By :John Carlone 09/14/2022
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#4
Vinyl Chloride
Concen: 3.242 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

Tgt Ion: 62 Resp: 17111
Ion Ratio Lower Upper
62 100
64 31.8 23.5 35.3





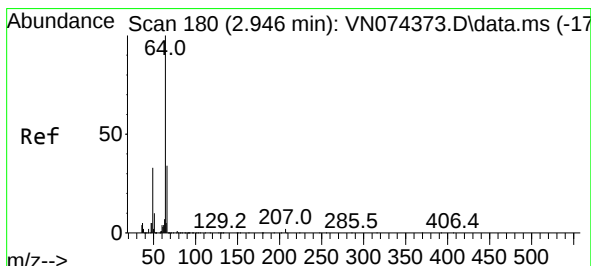
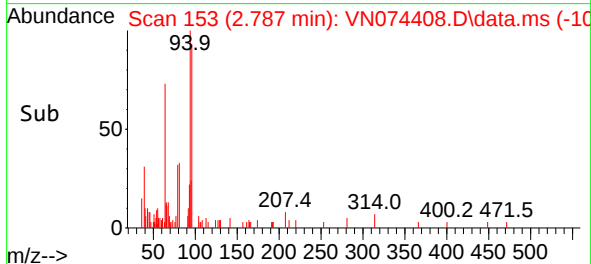
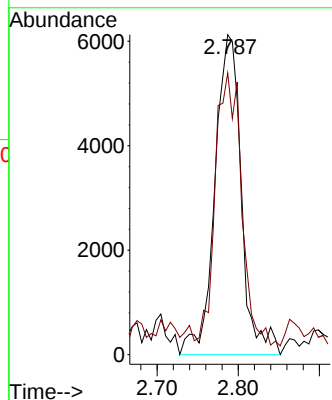
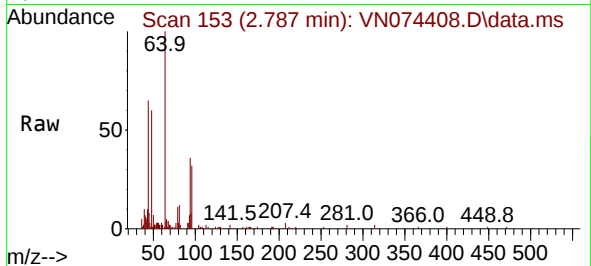
#5
Bromomethane
Concen: 3.763 ug/l
RT: 2.787 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

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Tgt Ion: 94 Resp: 1388
Ion Ratio Lower Upper
94 100
96 85.3 76.7 115.1

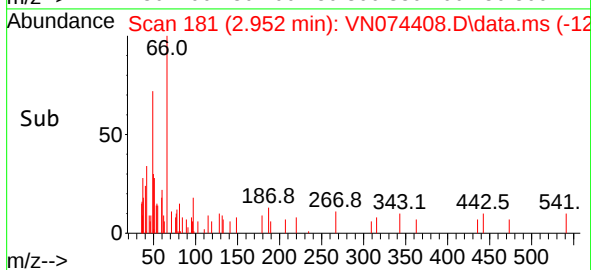
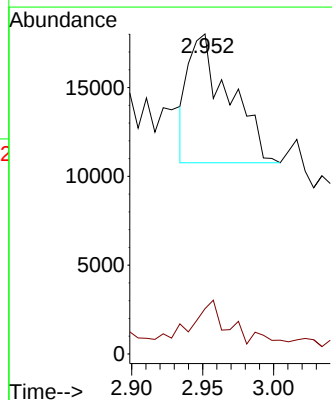
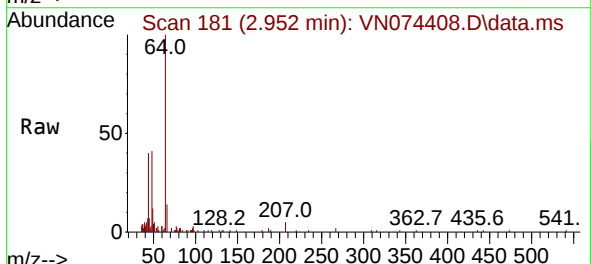
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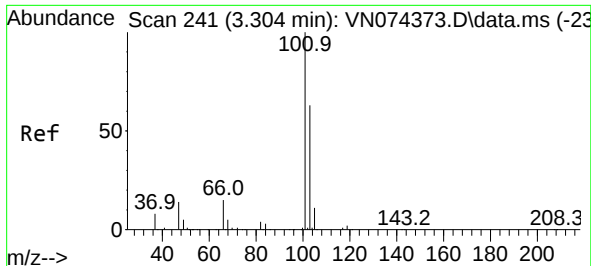
Reviewed By :John Carlone 09/14/2022
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#6
Chloroethane
Concen: 3.727 ug/l
RT: 2.952 min Scan# 181
Delta R.T. 0.006 min
Lab File: VN074408.D
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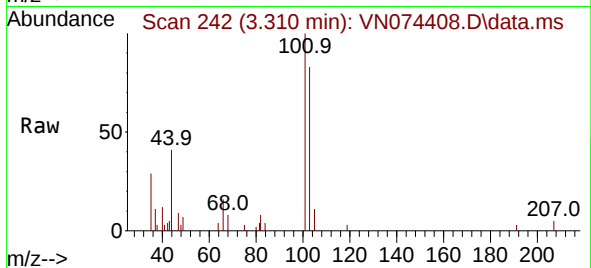
Tgt Ion: 64 Resp: 14562
Ion Ratio Lower Upper
64 100
66 24.4 26.5 39.7#





#7
 Trichlorofluoromethane
 Concen: 2.849 ug/l
 RT: 3.310 min Scan# 241
 Delta R.T. 0.006 min
 Lab File: VN074408.D
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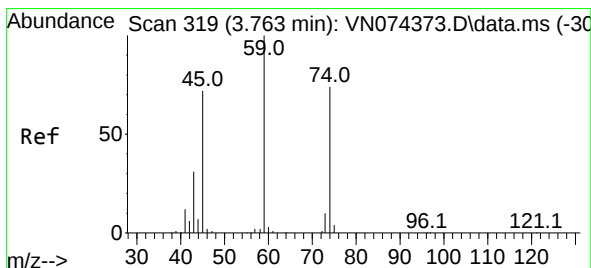
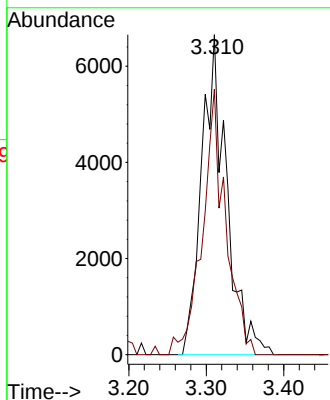
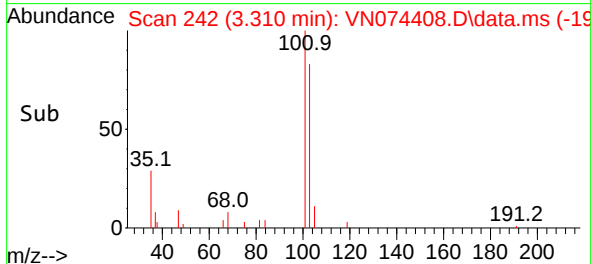
Instrument :
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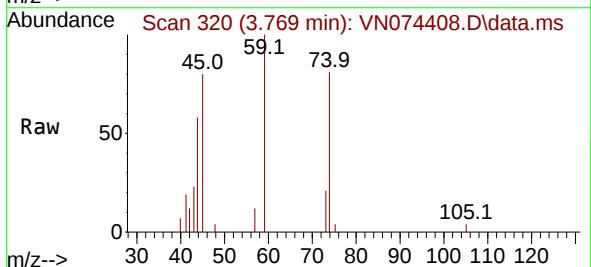
Tgt Ion:101 Resp: 1484
 Ion Ratio Lower Upper
 101 100
 103 83.0 50.8 76.2

Manual Integrations
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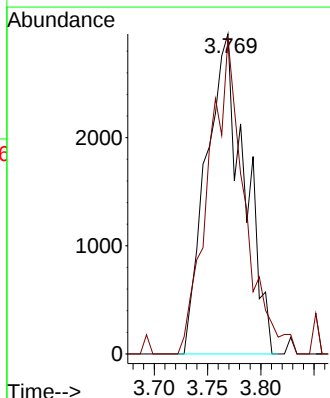
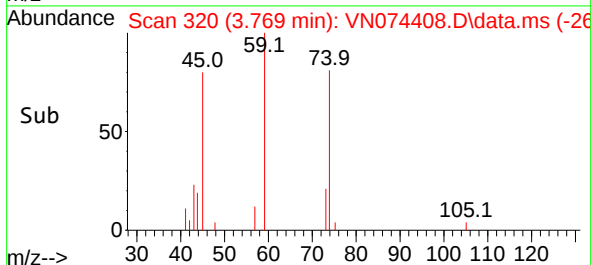
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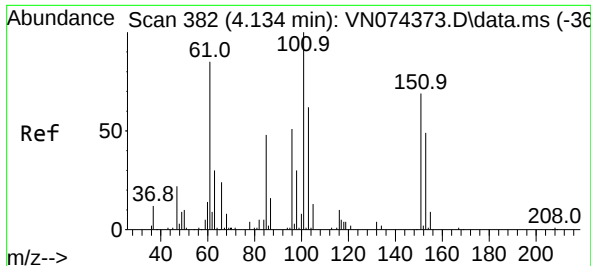


#8
 Diethyl Ether
 Concen: 3.356 ug/l
 RT: 3.769 min Scan# 320
 Delta R.T. 0.006 min
 Lab File: VN074408.D
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Tgt Ion: 74 Resp: 7380
 Ion Ratio Lower Upper
 74 100
 45 93.2 52.4 157.3





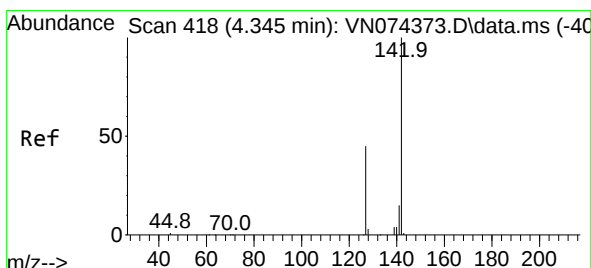
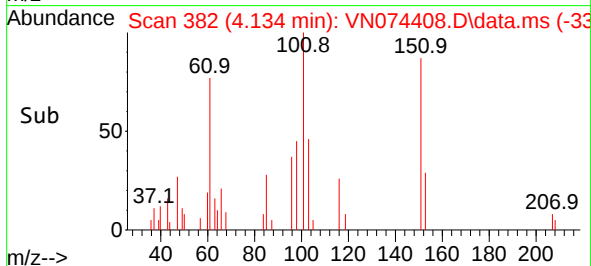
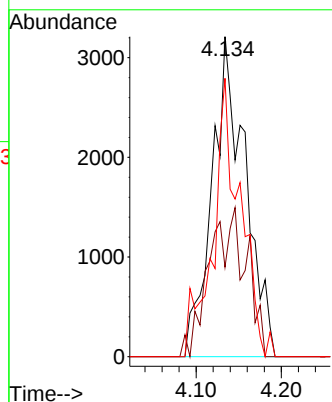
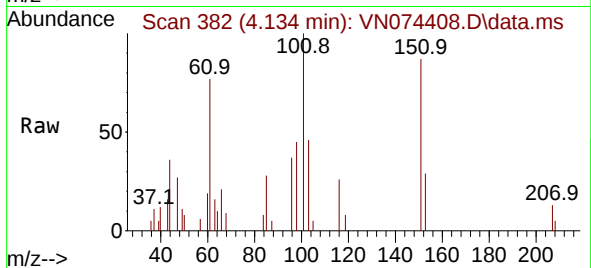
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.791 ug/l
RT: 4.134 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

Instrument :
MSVOA_N
ClientSampleId :
MDL01

Tgt Ion:101 Resp: 8710
Ion Ratio Lower Upper
101 100
85 25.6 39.5 59.3
151 70.4 57.8 86.6

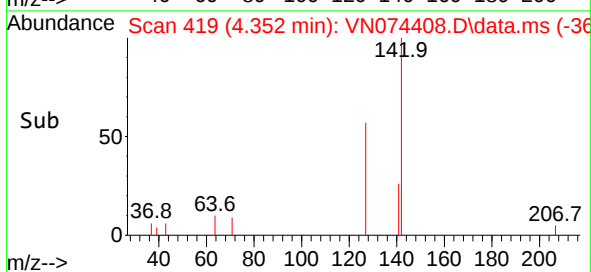
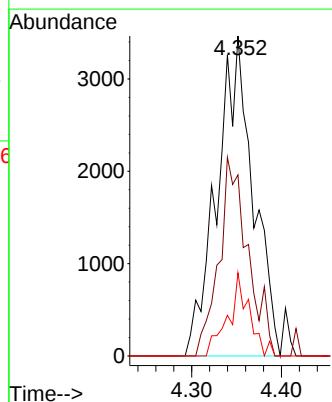
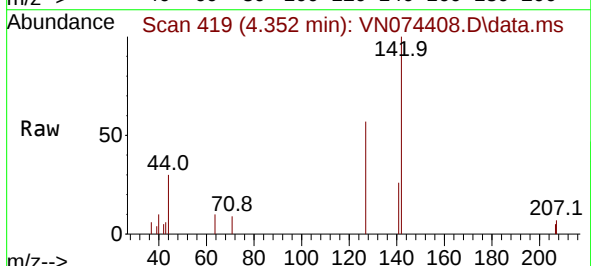
Manual Integrations
APPROVED

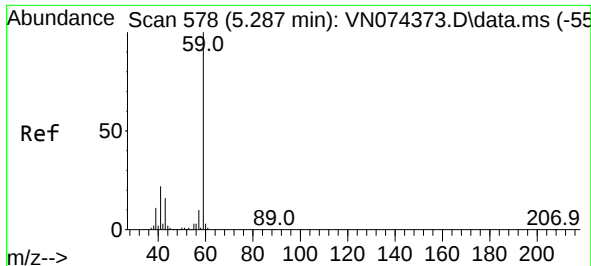
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#10
Methyl Iodide
Concen: 2.684 ug/l
RT: 4.352 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

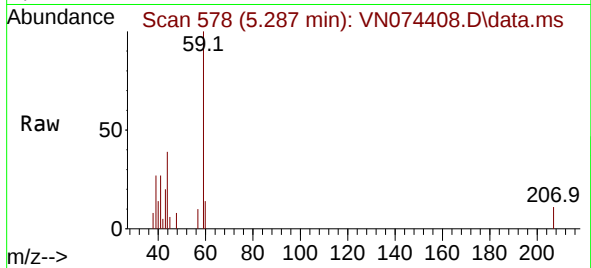
Tgt Ion:142 Resp: 9690
Ion Ratio Lower Upper
142 100
127 49.5 37.4 56.2
141 15.2 11.2 16.8





#11
Tert butyl alcohol
Concen: 13.037 ug/l
RT: 5.287 min Scan# 511
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

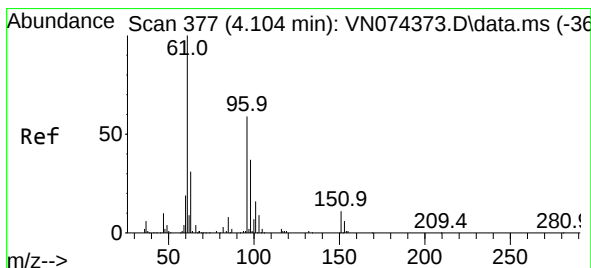
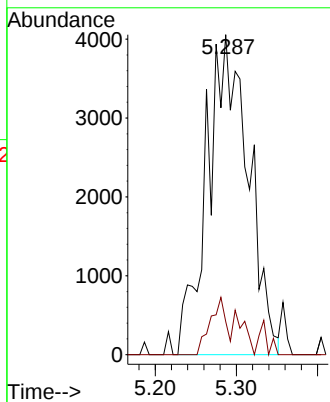
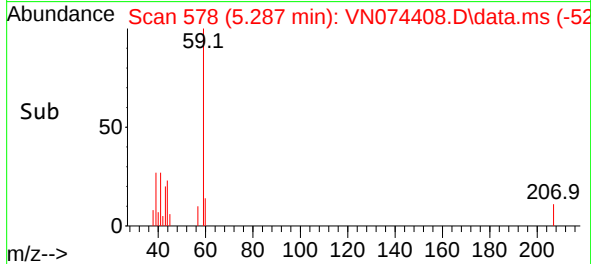
Instrument :
MSVOA_N
ClientSampleId :
MDL01



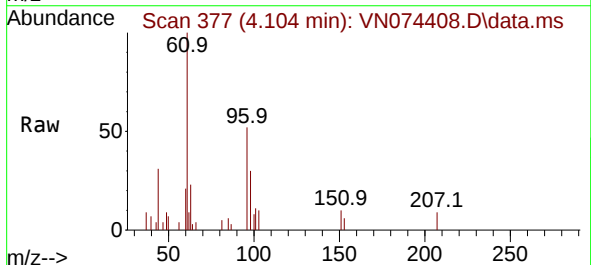
Tgt Ion: 59 Resp: 1438
Ion Ratio Lower Upper
59 100
57 6.9 8.8 13.2

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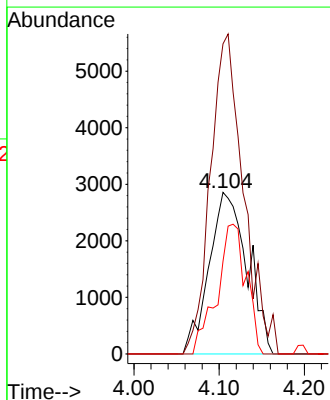
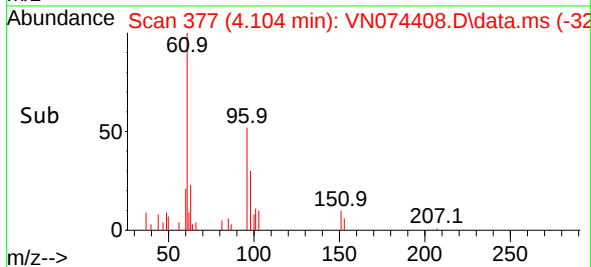
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

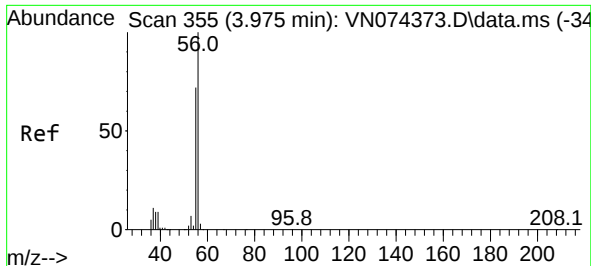


#12
1,1-Dichloroethene
Concen: 2.935 ug/l
RT: 4.104 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47



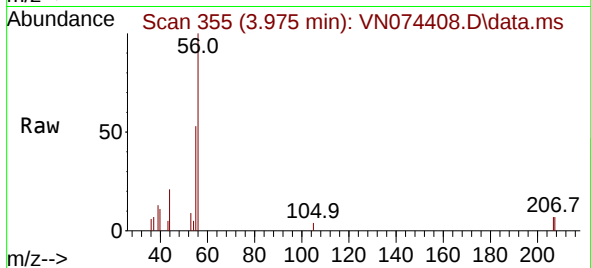
Tgt Ion: 96 Resp: 8919
Ion Ratio Lower Upper
96 100
61 191.9 134.7 202.1
98 57.3 50.2 75.4





#13
Acrolein
Concen: 14.469 ug/l
RT: 3.975 min Scan# 355
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

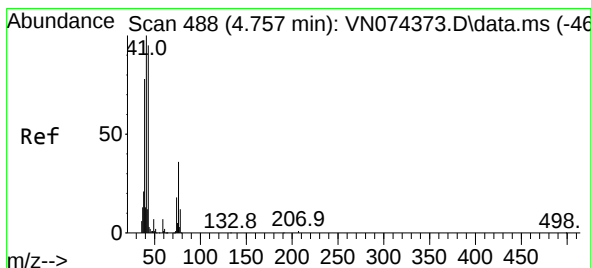
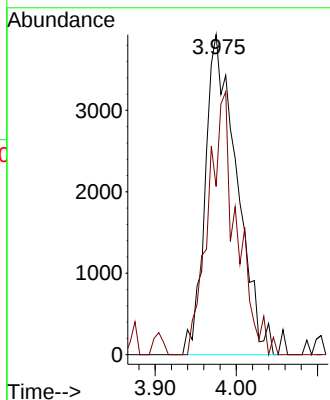
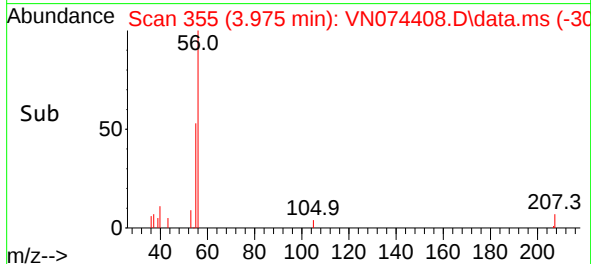
Instrument :
MSVOA_N
ClientSampleId :
MDL01



Tgt Ion: 56 Resp: 10604
Ion Ratio Lower Upper
56 100
55 74.2 56.2 84.4

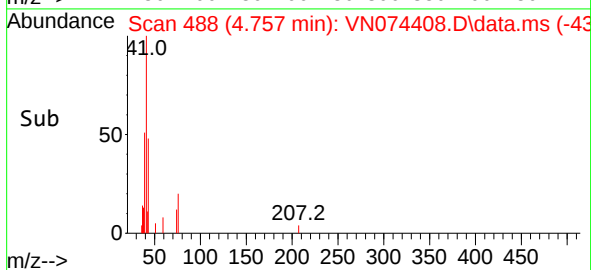
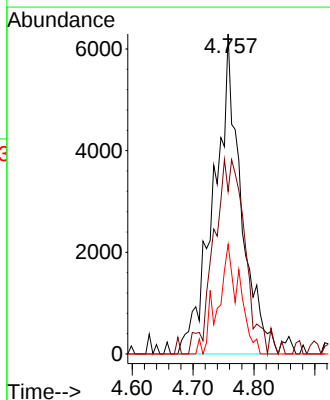
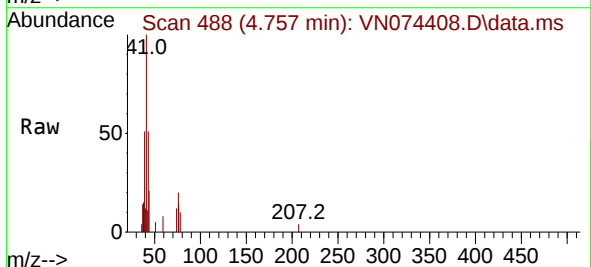
Manual Integrations
APPROVED

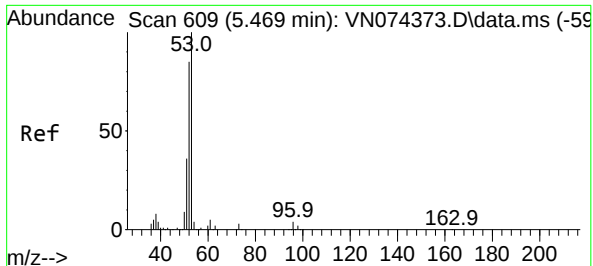
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#14
Allyl chloride
Concen: 2.923 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

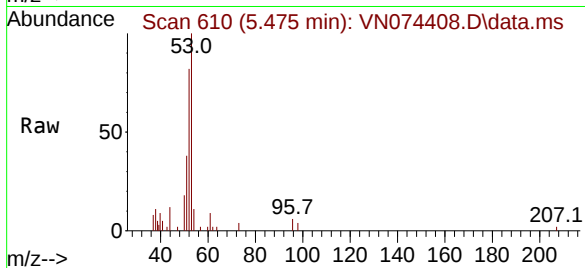
Tgt Ion: 41 Resp: 19485
Ion Ratio Lower Upper
41 100
39 69.4 58.5 87.7
76 22.9 24.2 36.4





#15
Acrylonitrile
Concen: 14.002 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

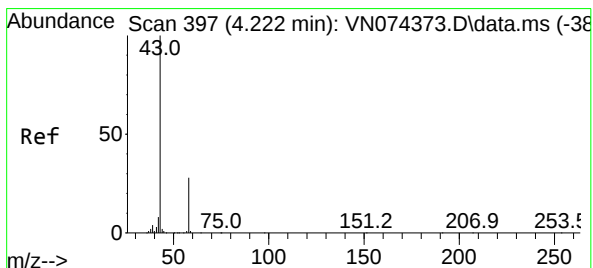
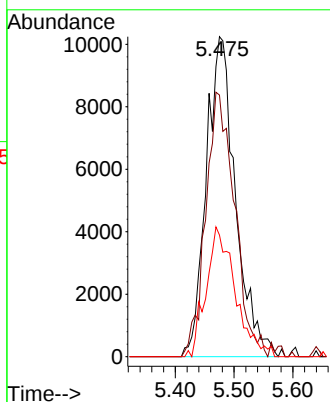
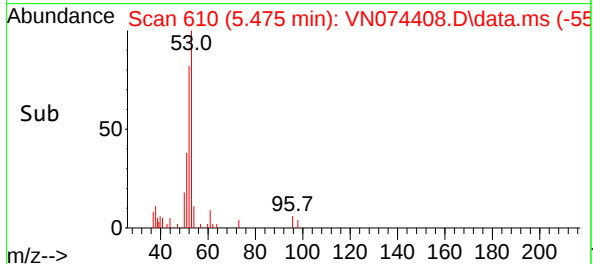
Instrument :
MSVOA_N
ClientSampleId :
MDL01



Tgt Ion: 53 Resp: 3534
Ion Ratio Lower Upper
53 100
52 81.8 65.9 98.9
51 40.4 29.4 44.2

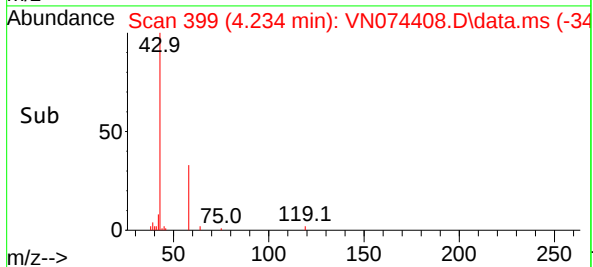
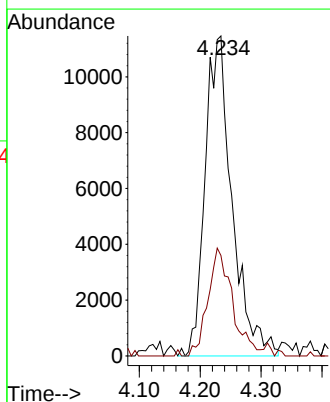
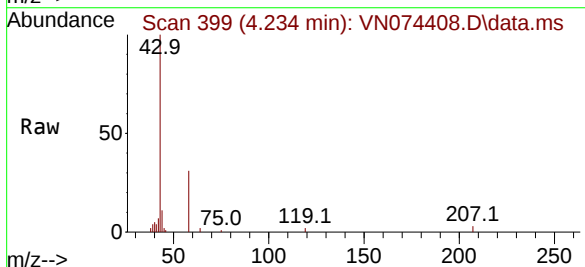
Manual Integrations
APPROVED

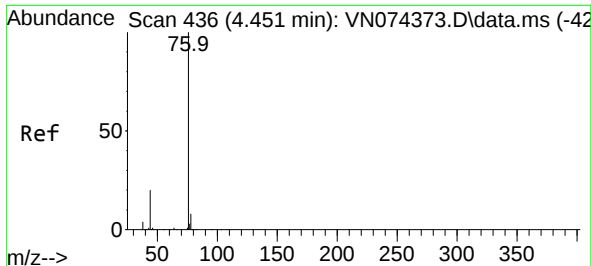
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#16
Acetone
Concen: 15.512 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

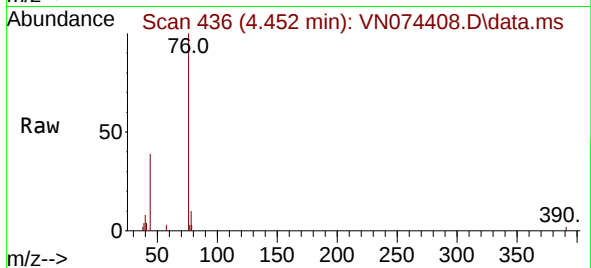
Tgt Ion: 43 Resp: 35325
Ion Ratio Lower Upper
43 100
58 30.3 22.7 34.1





#17
Carbon Disulfide
Concen: 2.746 ug/l
RT: 4.452 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

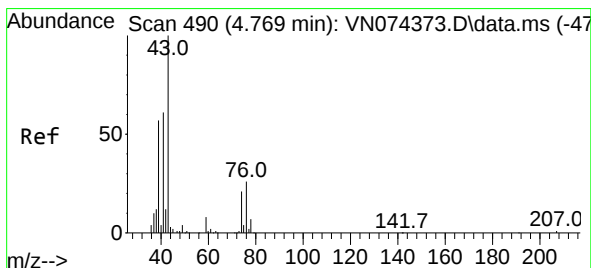
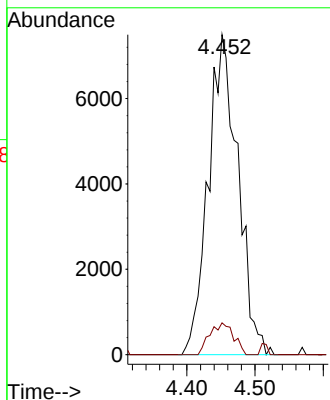
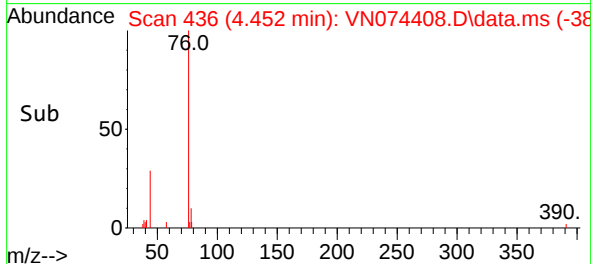
Instrument :
MSVOA_N
ClientSampleId :
MDL01



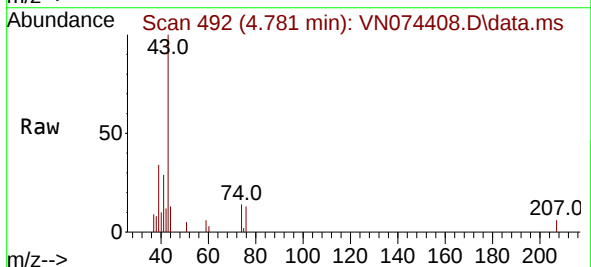
Tgt Ion: 76 Resp: 2268
Ion Ratio Lower Upper
76 100
78 12.8 6.5 9.7

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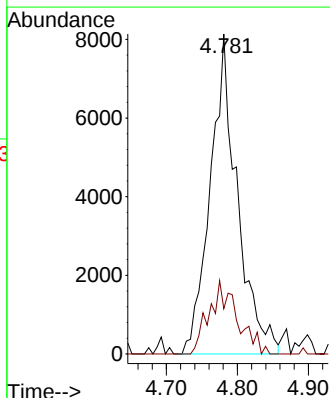
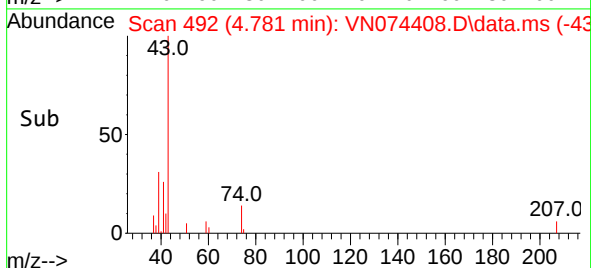
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

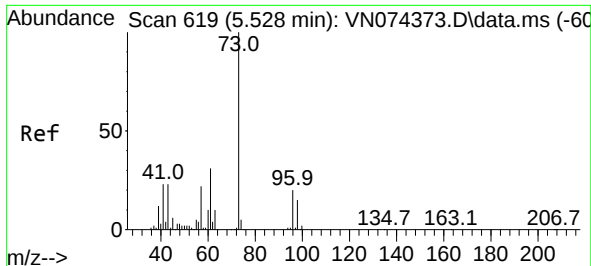


#18
Methyl Acetate
Concen: 3.206 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.012 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47



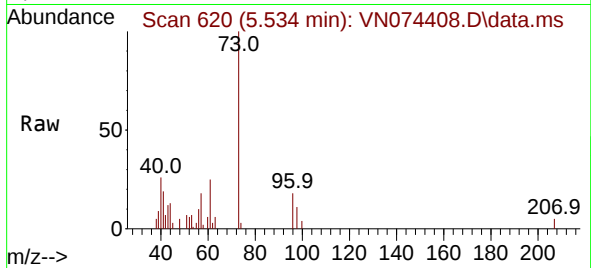
Tgt Ion: 43 Resp: 21523
Ion Ratio Lower Upper
43 100
74 23.8 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 2.753 ug/l
RT: 5.534 min Scan# 619
Delta R.T. 0.006 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

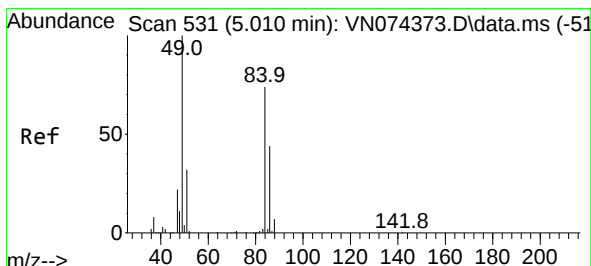
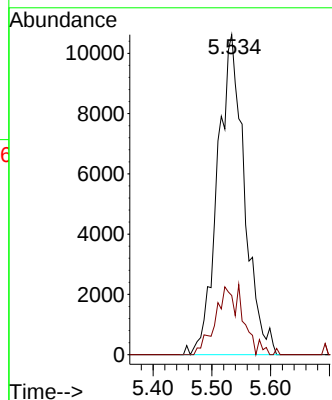
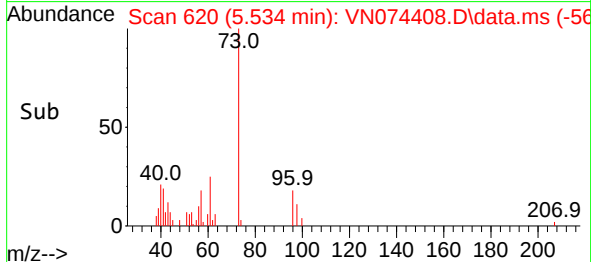
Instrument :
MSVOA_N
ClientSampleId :
MDL01



Tgt Ion: 73 Resp: 3367
Ion Ratio Lower Upper
73 100
57 18.5 17.7 26.5

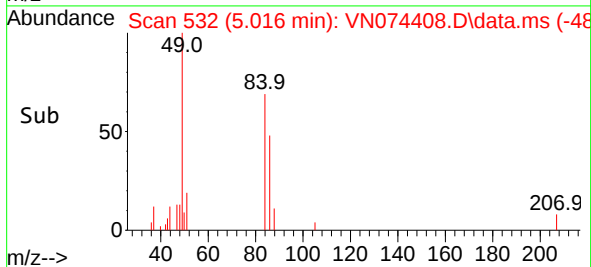
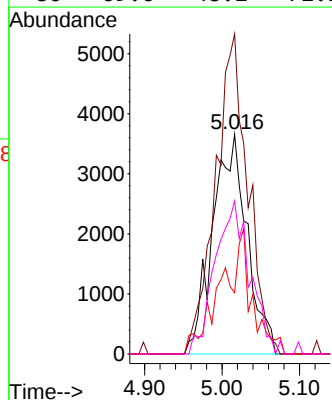
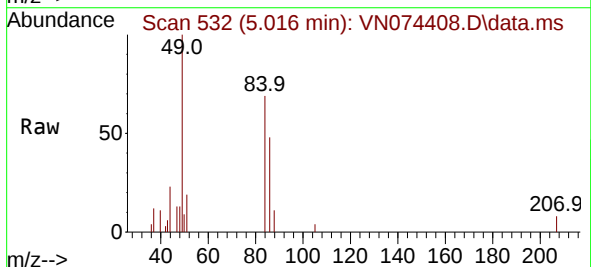
Manual Integrations
APPROVED

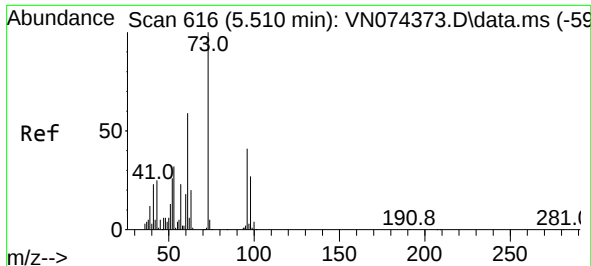
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#20
Methylene Chloride
Concen: 2.870 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

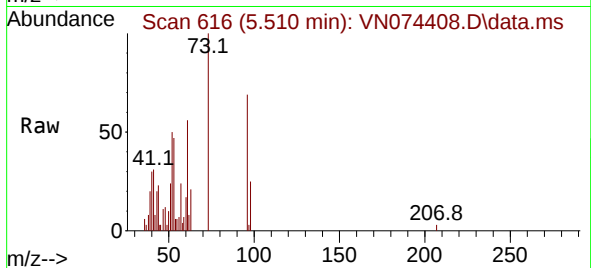
Tgt Ion: 84 Resp: 11286
Ion Ratio Lower Upper
84 100
49 145.7 108.2 162.4
51 27.9 34.3 51.5#
86 69.6 48.2 72.2





#21
trans-1,2-Dichloroethene
Concen: 2.826 ug/l
RT: 5.510 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

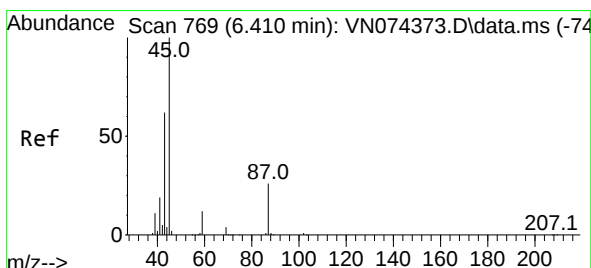
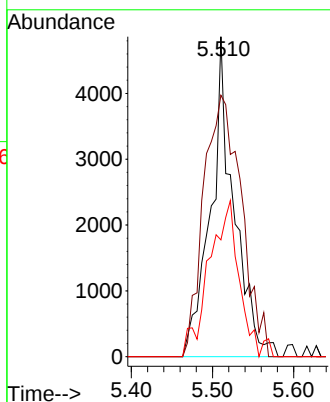
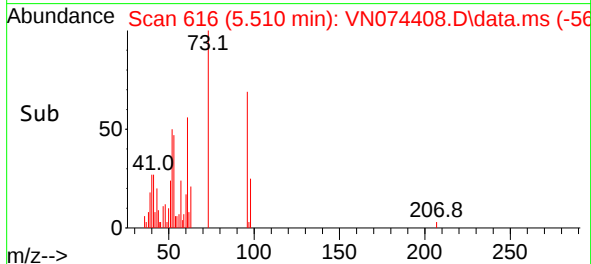
Instrument :
MSVOA_N
ClientSampleId :
MDL01



Tgt Ion: 96 Resp: 962
Ion Ratio Lower Upper
96 100
61 81.7 115.3 172.9
98 36.5 53.4 80.0

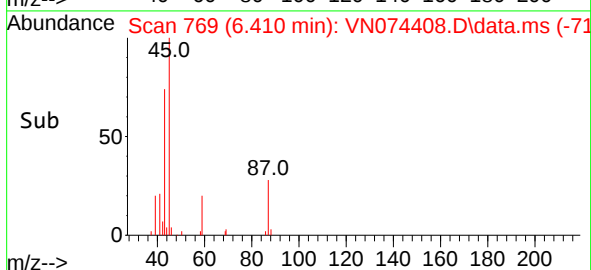
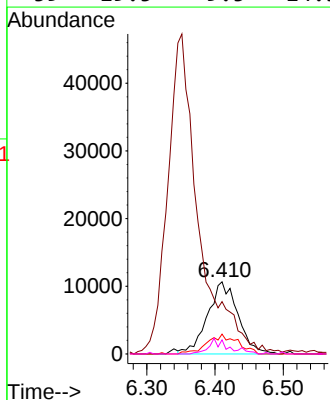
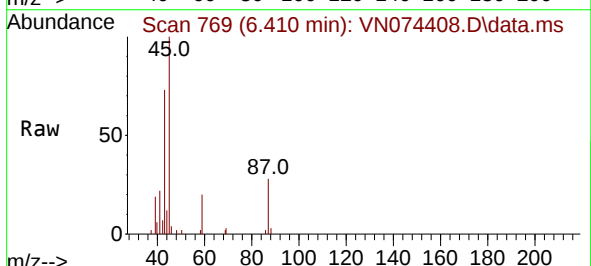
Manual Integrations
APPROVED

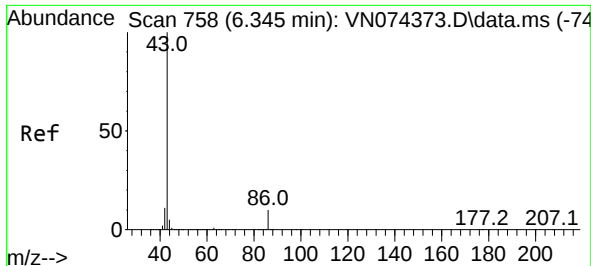
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#22
Diisopropyl ether
Concen: 2.455 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

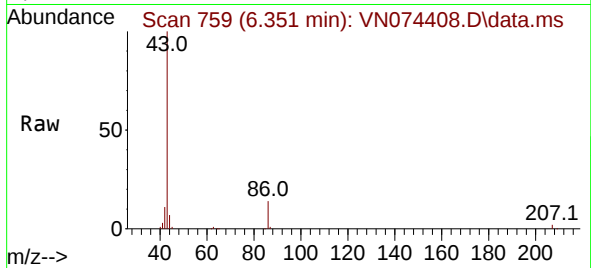
Tgt Ion: 45 Resp: 32949
Ion Ratio Lower Upper
45 100
43 58.2 49.4 74.0
87 27.5 21.3 31.9
59 19.5 9.5 14.3





#23
 Vinyl Acetate
 Concen: 12.493 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.006 min
 Lab File: VN074408.D
 Acq: 12 Sep 2022 12:47

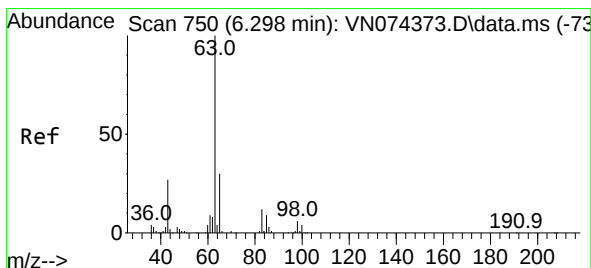
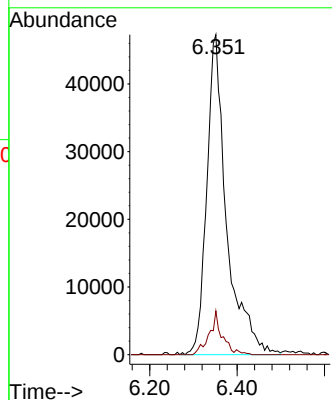
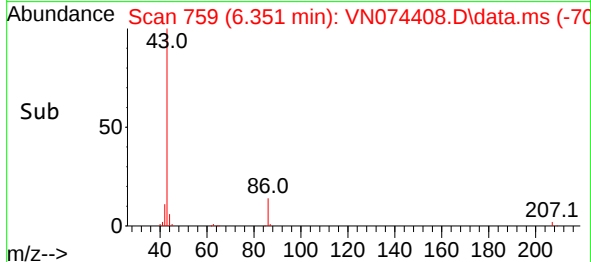
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL01



Tgt Ion: 43 Resp: 14964
 Ion Ratio Lower Upper
 43 100
 86 13.6 7.6 11.4

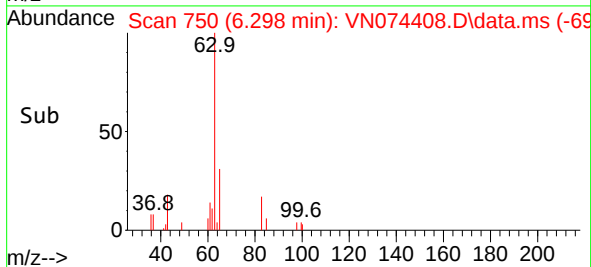
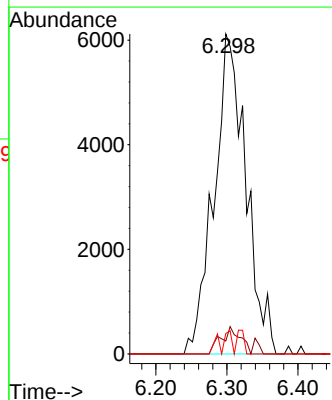
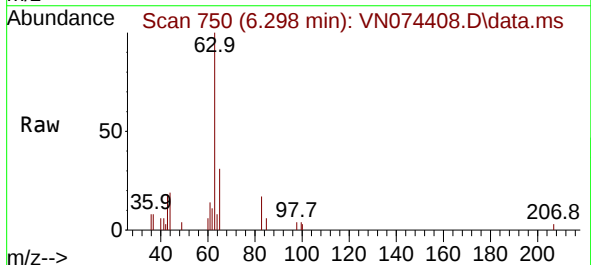
Manual Integrations
 APPROVED

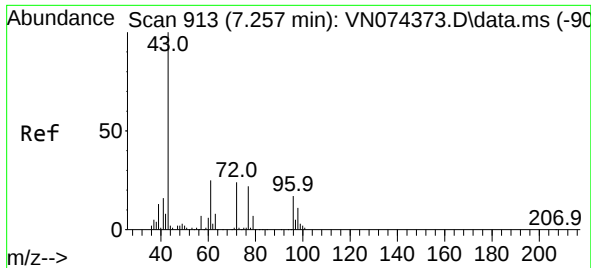
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022



#24
 1,1-Dichloroethane
 Concen: 2.762 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. 0.000 min
 Lab File: VN074408.D
 Acq: 12 Sep 2022 12:47

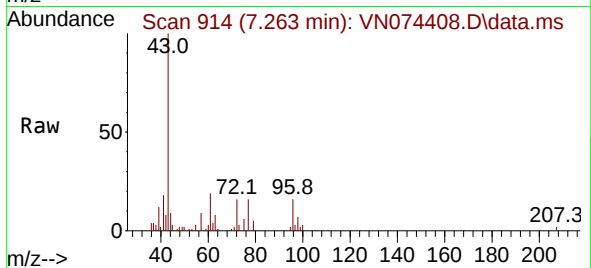
Tgt Ion: 63 Resp: 19050
 Ion Ratio Lower Upper
 63 100
 98 4.0 2.9 8.6
 100 6.4 2.0 5.8





#25
2-Butanone
Concen: 14.377 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

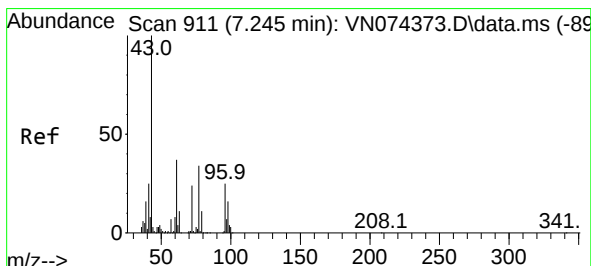
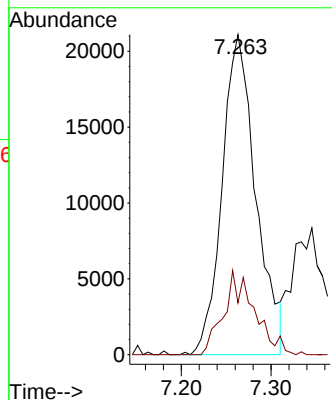
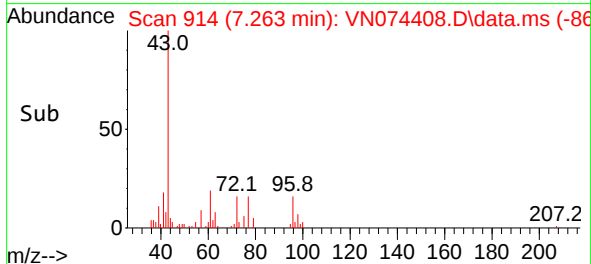
Instrument :
MSVOA_N
ClientSampleId :
MDL01



Tgt Ion: 43 Resp: 54958
Ion Ratio Lower Upper
43 100
72 16.2 18.9 28.3

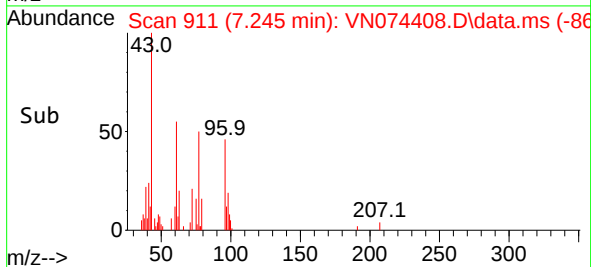
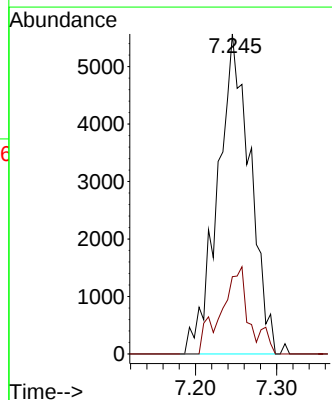
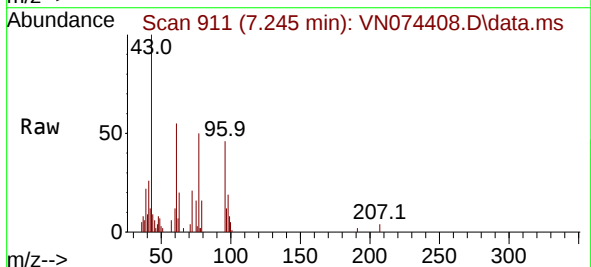
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 2.486 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

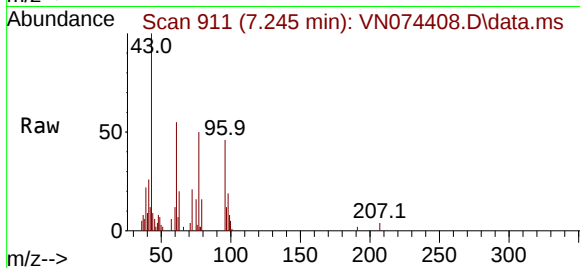
Tgt Ion: 77 Resp: 15512
Ion Ratio Lower Upper
77 100
97 15.1 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 2.706 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN074408.D
 Acq: 12 Sep 2022 12:47

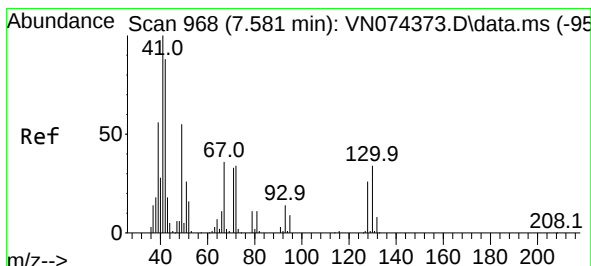
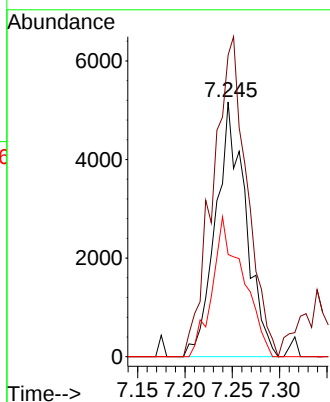
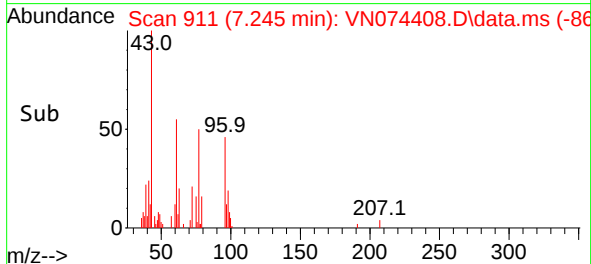
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL01



Tgt Ion: 96 Resp: 11354
 Ion Ratio Lower Upper
 96 100
 61 143.1 0.0 306.2
 98 56.6 0.0 129.8

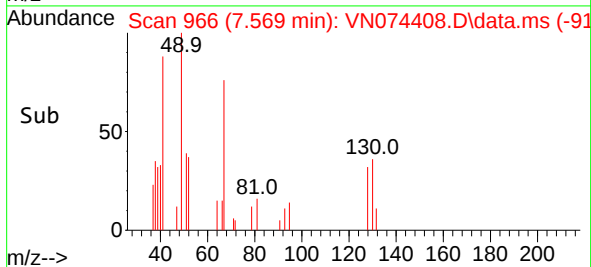
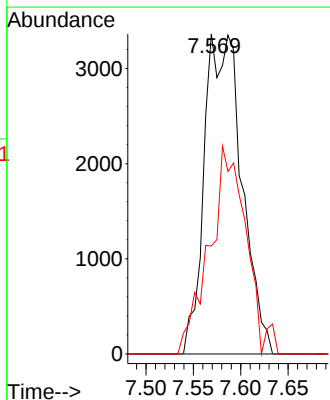
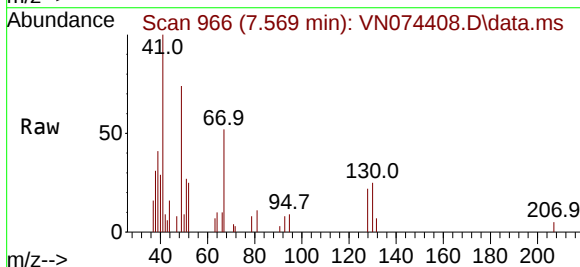
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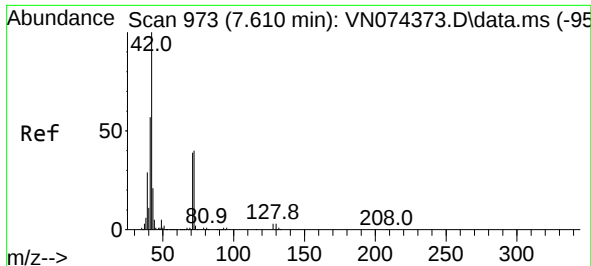
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022



#28
 Bromochloromethane
 Concen: 3.767 ug/l
 RT: 7.569 min Scan# 966
 Delta R.T. -0.012 min
 Lab File: VN074408.D
 Acq: 12 Sep 2022 12:47

Tgt Ion: 49 Resp: 9241
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 2.2
 130 63.6 50.0 75.0





#29

Tetrahydrofuran

Concen: 13.714 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074408.D

Acq: 12 Sep 2022 12:47

Instrument :

MSVOA_N

ClientSampleId :

MDL01

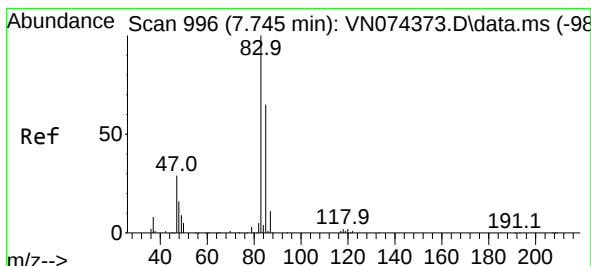
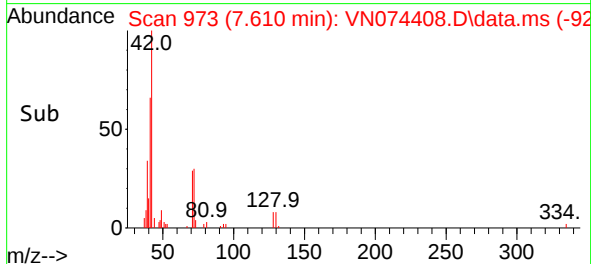
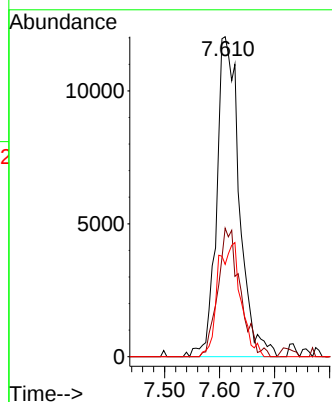
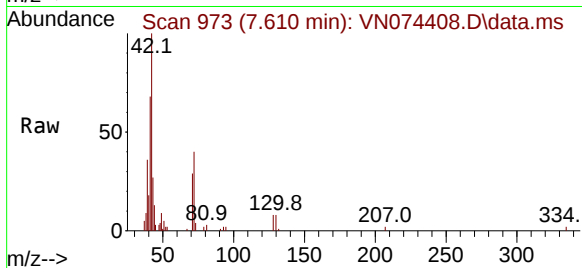
Tgt Ion: 42	Resp: 3465
Ion Ratio	Lower Upper
42 100	
72 39.1	32.7 49.1
71 14.8	31.0 46.6

Manual Integrations

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Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#30

Chloroform

Concen: 2.594 ug/l

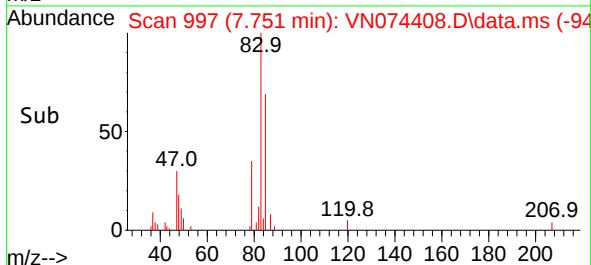
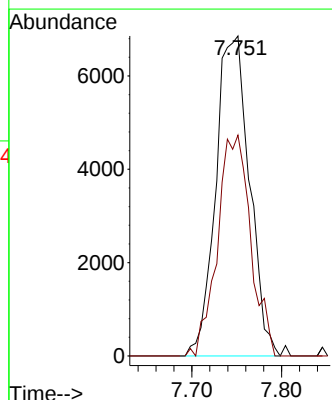
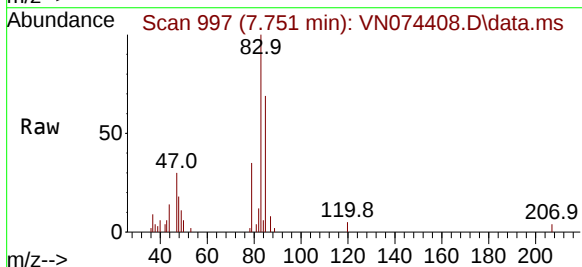
RT: 7.751 min Scan# 997

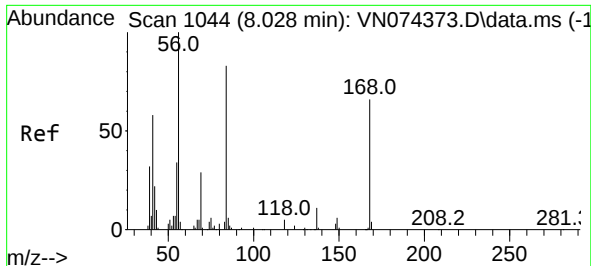
Delta R.T. 0.006 min

Lab File: VN074408.D

Acq: 12 Sep 2022 12:47

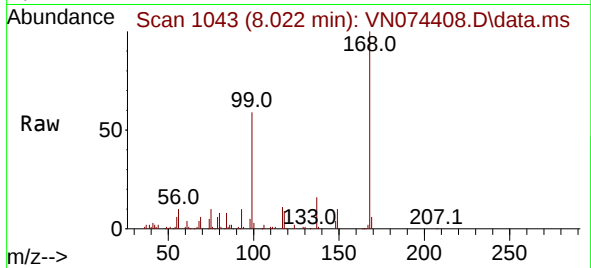
Tgt Ion: 83	Resp: 17857
Ion Ratio	Lower Upper
83 100	
85 69.0	51.8 77.6





#31
Cyclohexane
Concen: 3.508 ug/l
RT: 8.022 min Scan# 1044
Delta R.T. -0.006 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

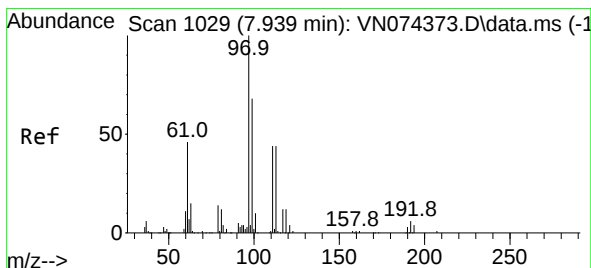
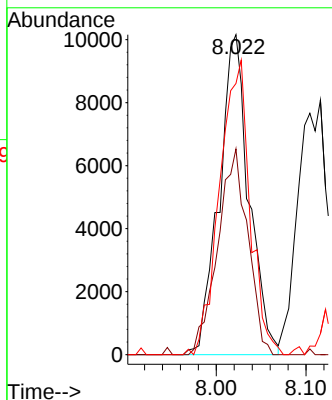
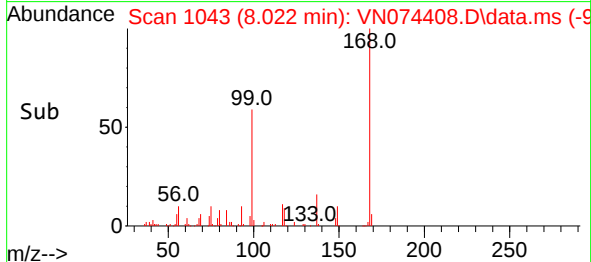
Instrument :
MSVOA_N
ClientSampleId :
MDL01



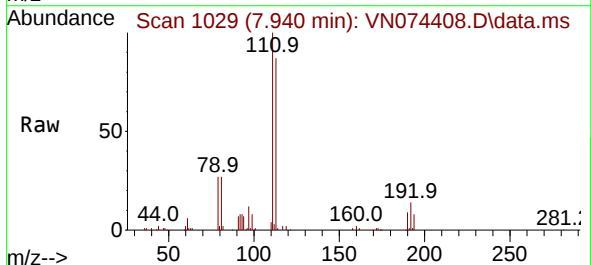
Tgt Ion: 56 Resp: 2353
Ion Ratio Lower Upper
56 100
69 64.3 23.0 34.4
84 84.7 66.3 99.5

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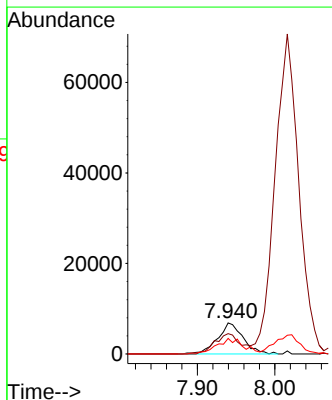
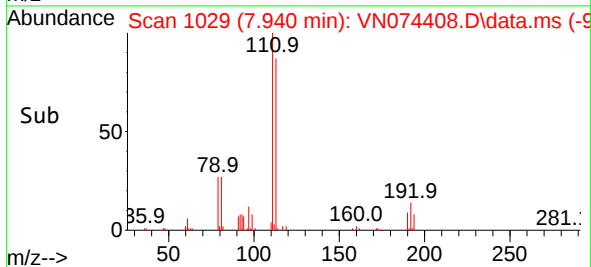
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

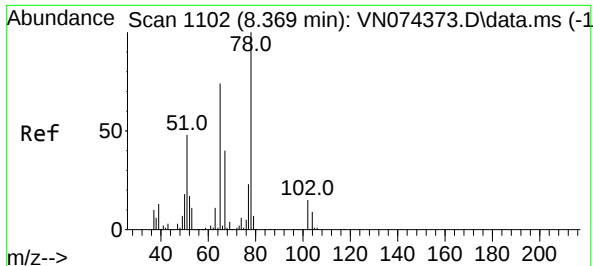


#32
1,1,1-Trichloroethane
Concen: 2.537 ug/l
RT: 7.940 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47



Tgt Ion: 97 Resp: 15671
Ion Ratio Lower Upper
97 100
99 66.4 50.2 75.2
61 52.5 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 51.437 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074408.D

Acq: 12 Sep 2022 12:47

Instrument :

MSVOA_N

ClientSampleId :

MDL01

Tgt Ion: 65 Resp: 21696

Ion Ratio Lower Upper

65 100

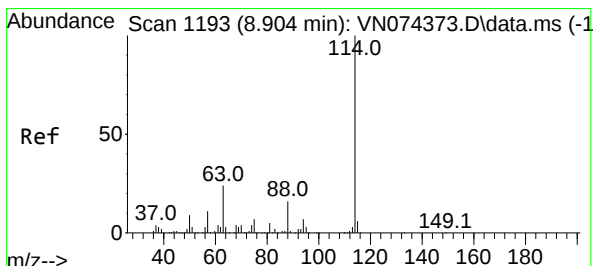
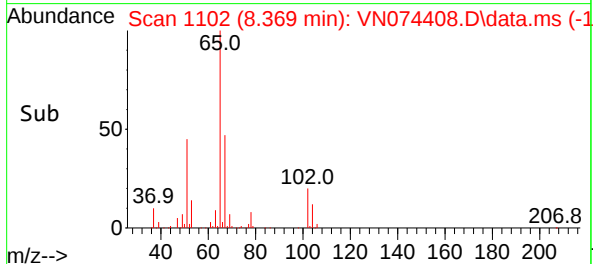
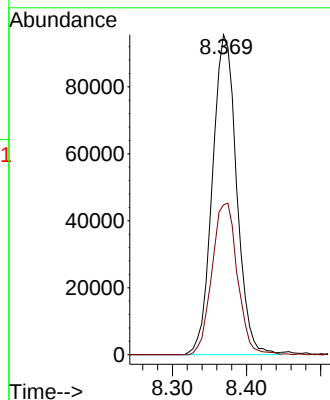
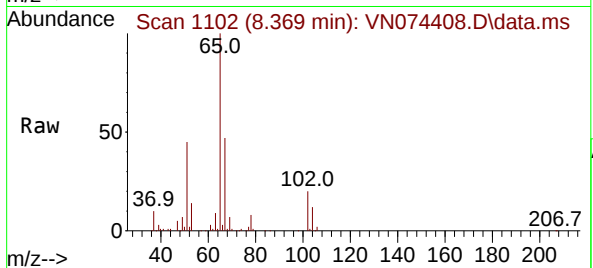
67 49.8 0.0 102.4

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: VN074408.D

Acq: 12 Sep 2022 12:47

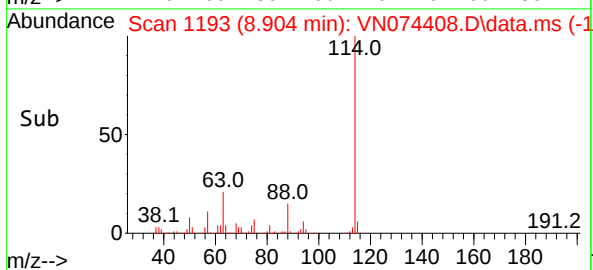
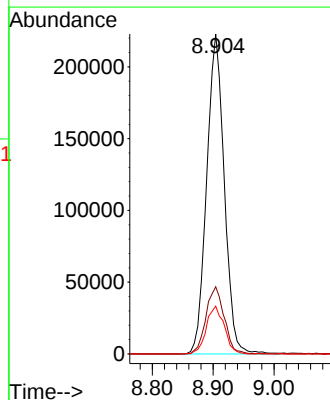
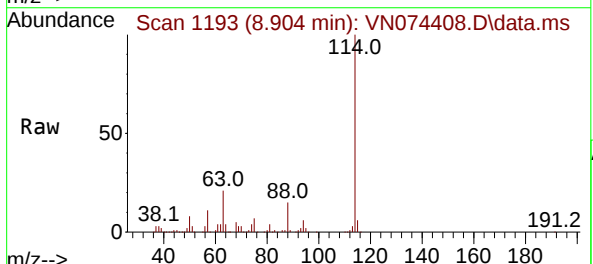
Tgt Ion:114 Resp: 447033

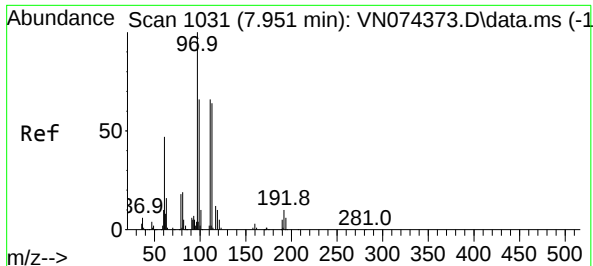
Ion Ratio Lower Upper

114 100

63 21.0 0.0 47.6

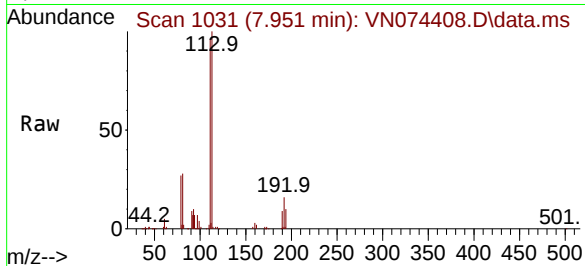
88 15.0 0.0 31.4





#35
Dibromofluoromethane
Concen: 53.641 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

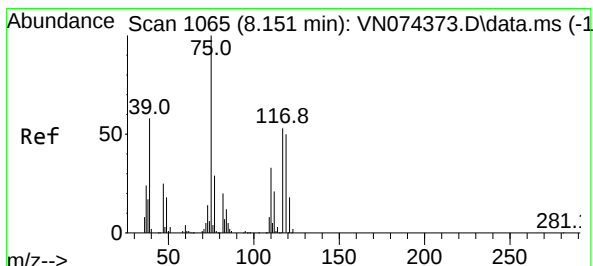
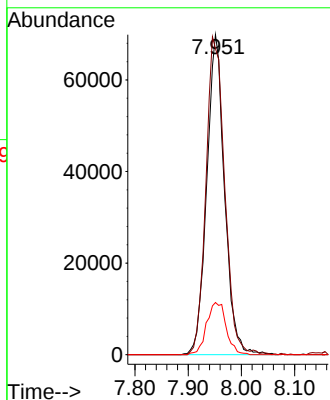
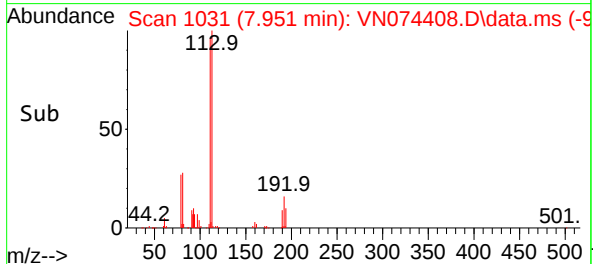
Instrument :
MSVOA_N
ClientSampleId :
MDL01



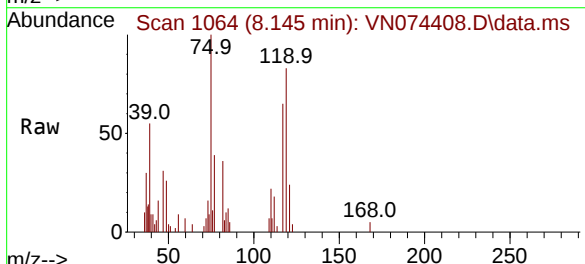
Tgt Ion: 113 Resp: 161884
Ion Ratio Lower Upper
113 100
111 104.8 83.0 124.4
192 17.9 13.7 20.5

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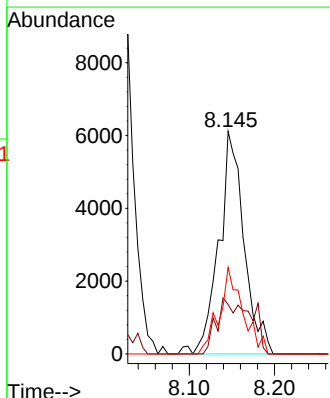
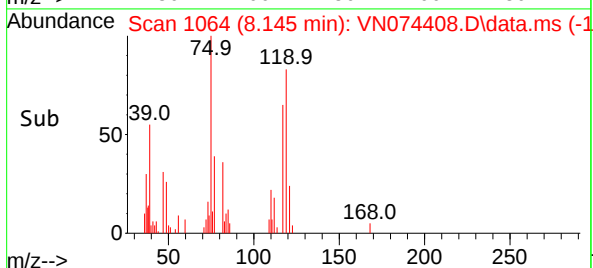
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

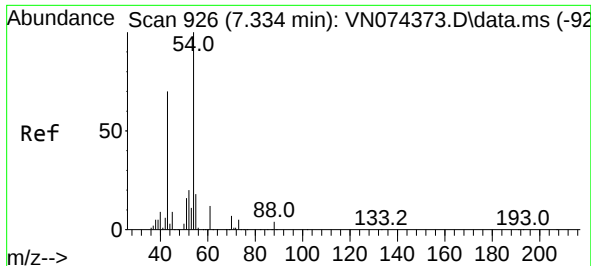


#36
1,1-Dichloropropene
Concen: 2.517 ug/l
RT: 8.145 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47



Tgt Ion: 75 Resp: 12513
Ion Ratio Lower Upper
75 100
110 16.5 16.4 49.1
77 36.7 25.4 38.2





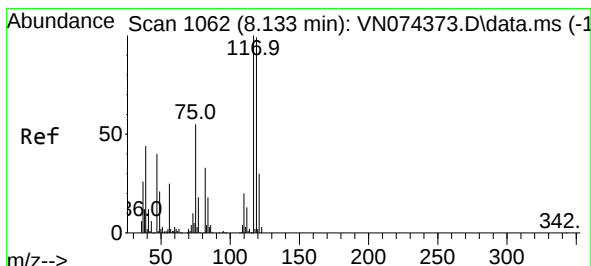
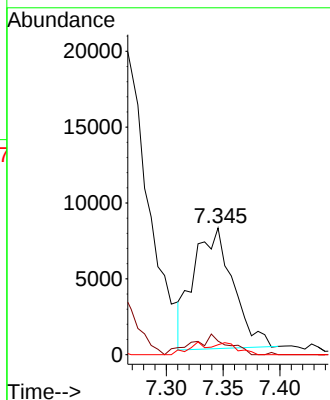
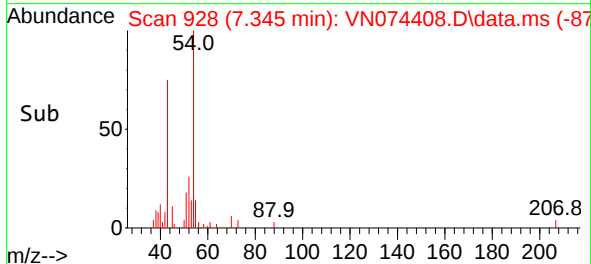
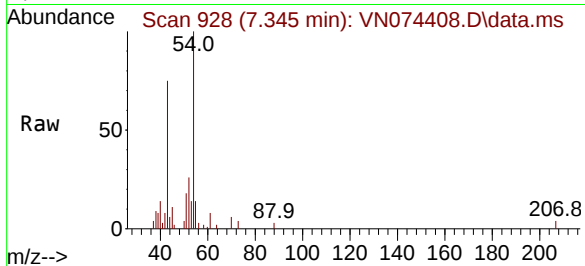
#37
Ethyl Acetate
Concen: 2.663 ug/l
RT: 7.345 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

Instrument :
MSVOA_N
ClientSampleId :
MDL01

Tgt Ion: 43 Resp: 1920
Ion Ratio Lower Upper
43 100
61 14.9 11.1 16.7
70 5.3 7.2 10.8

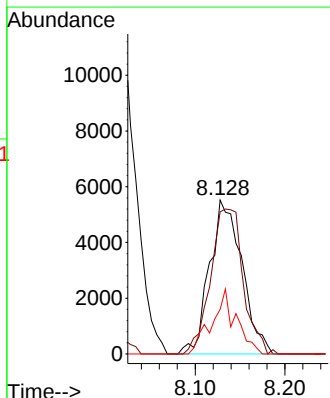
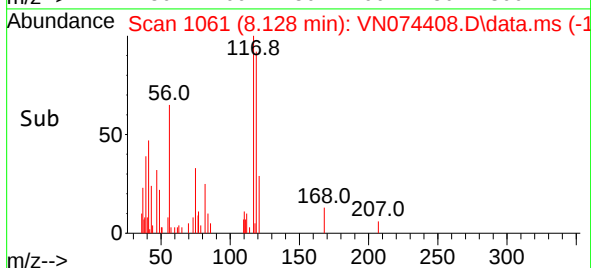
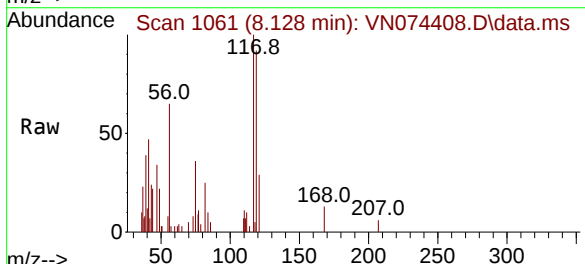
Manual Integrations
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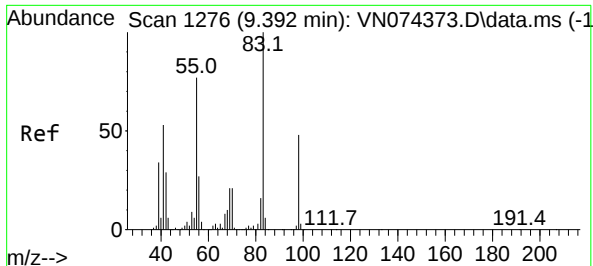
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#38
Carbon Tetrachloride
Concen: 2.699 ug/l
RT: 8.128 min Scan# 1061
Delta R.T. -0.006 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

Tgt Ion:117 Resp: 13852
Ion Ratio Lower Upper
117 100
119 92.3 78.8 118.2
121 28.9 24.1 36.1





#39

Methylcyclohexane

Concen: 2.207 ug/l

RT: 9.398 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN074408.D

Acq: 12 Sep 2022 12:47

Instrument :

MSVOA_N

ClientSampleId :

MDL01

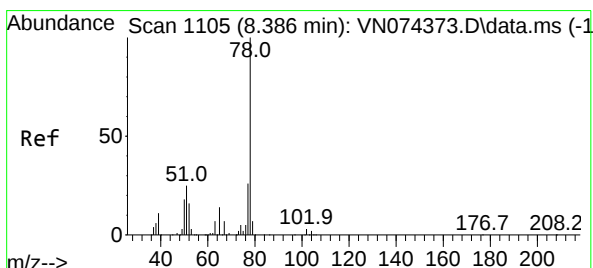
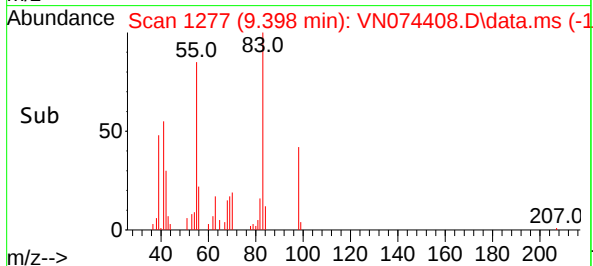
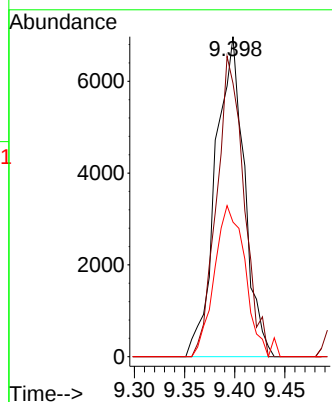
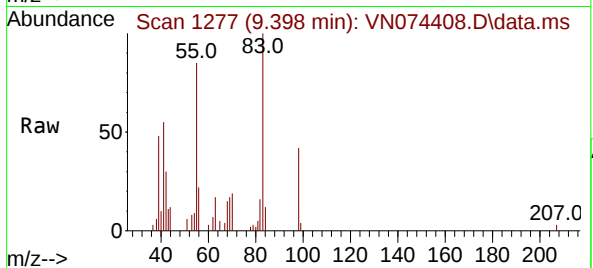
Tgt Ion:	83	Resp:	1390
Ion Ratio	Lower	Upper	
83	100		
55	85.4	61.2	91.8
98	42.1	38.5	57.7

Manual Integrations

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Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#40

Benzene

Concen: 2.725 ug/l

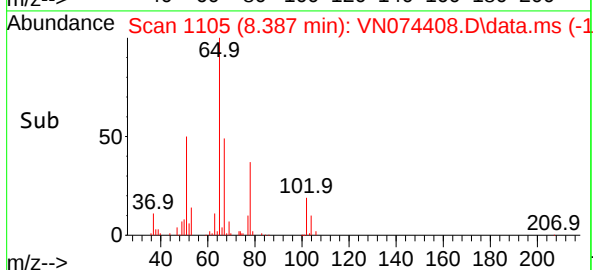
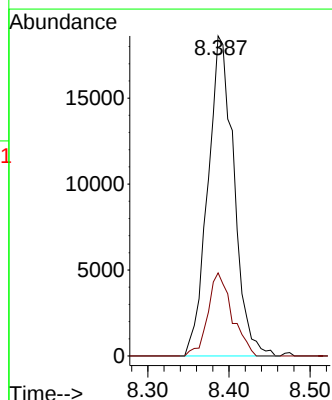
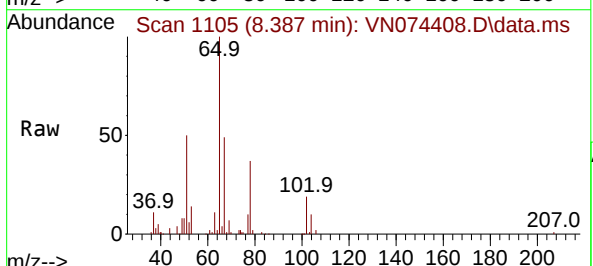
RT: 8.387 min Scan# 1105

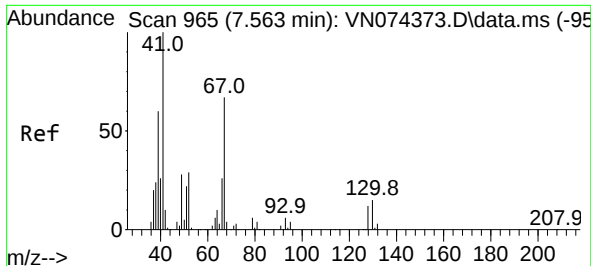
Delta R.T. 0.000 min

Lab File: VN074408.D

Acq: 12 Sep 2022 12:47

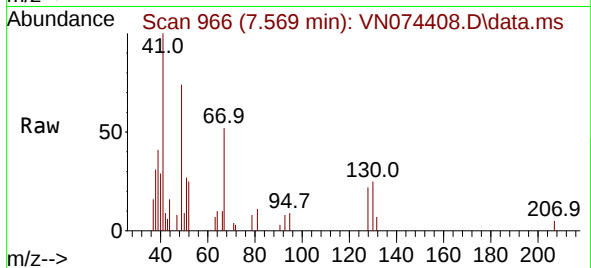
Tgt Ion:	78	Resp:	41484
Ion Ratio	Lower	Upper	
78	100		
77	25.9	20.6	31.0





#41
Methacrylonitrile
Concen: 2.844 ug/l
RT: 7.569 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

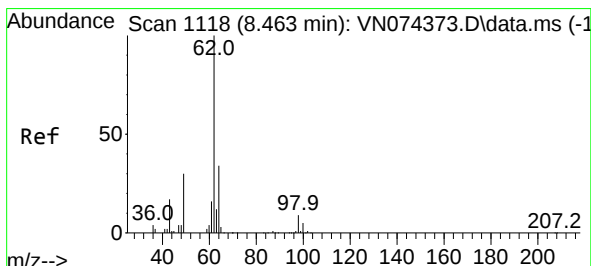
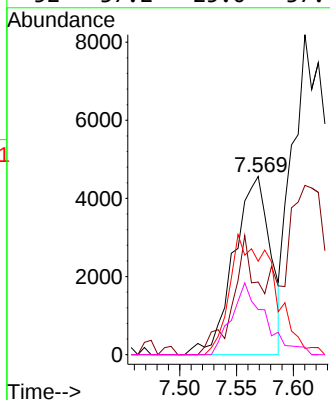
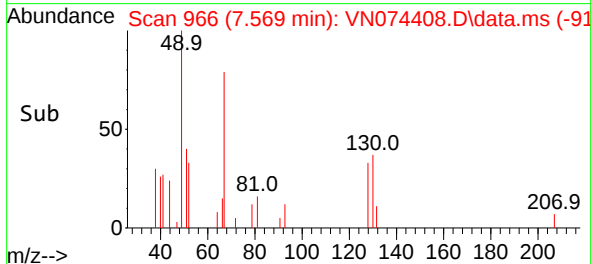
Instrument :
MSVOA_N
ClientSampleId :
MDL01



Tgt Ion: 41 Resp: 10178
Ion Ratio Lower Upper
41 100
39 45.9 39.2 58.8
67 81.0 53.6 80.4
52 37.2 25.0 37.4

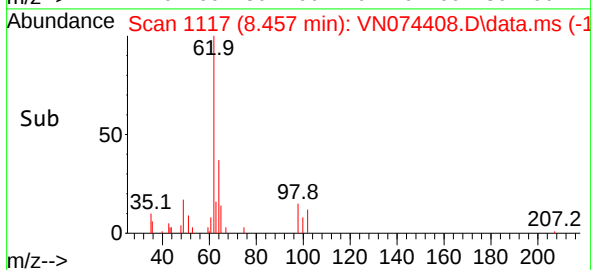
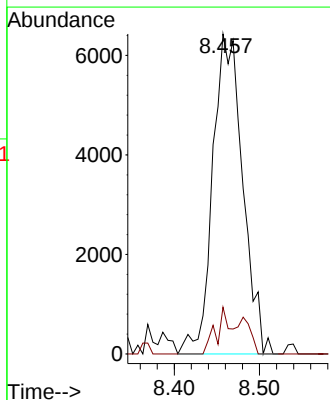
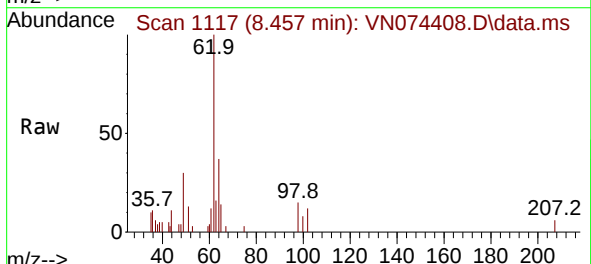
Manual Integrations
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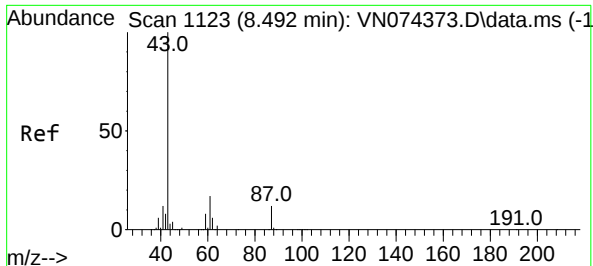
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#42
1,2-Dichloroethane
Concen: 2.700 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

Tgt Ion: 62 Resp: 15714
Ion Ratio Lower Upper
62 100
98 6.7 0.0 17.6





#43

Isopropyl Acetate

Concen: 2.402 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN074408.D

Acq: 12 Sep 2022 12:47

Instrument :

MSVOA_N

ClientSampleId :

MDL01

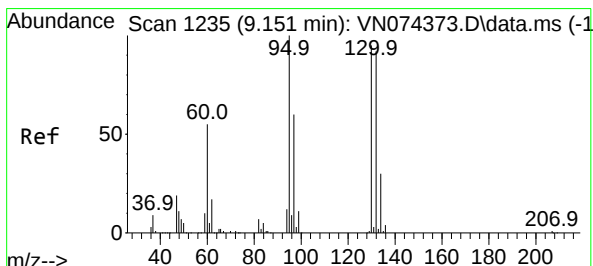
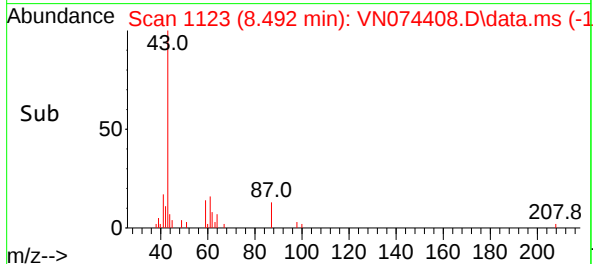
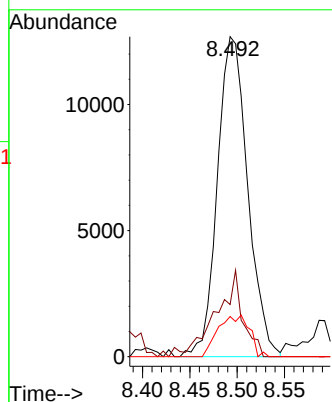
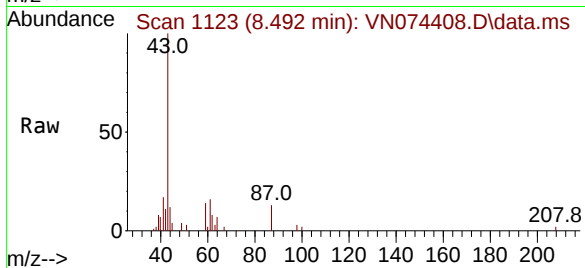
Tgt Ion: 43	Resp: 28330
Ion Ratio	Lower Upper
43 100	
61 24.1	18.6 27.8
87 13.4	9.4 14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#44

Trichloroethene

Concen: 2.904 ug/l

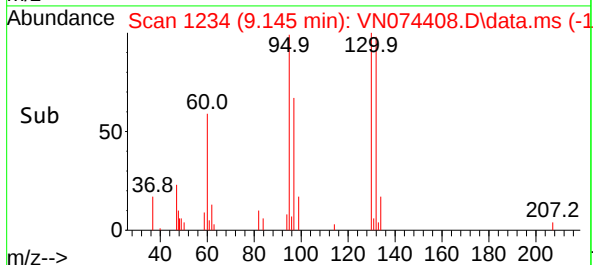
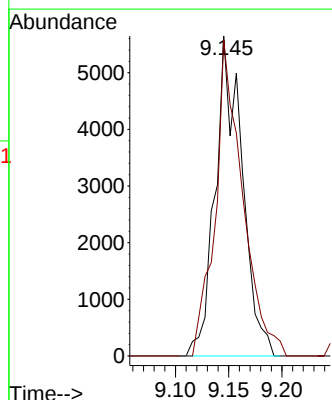
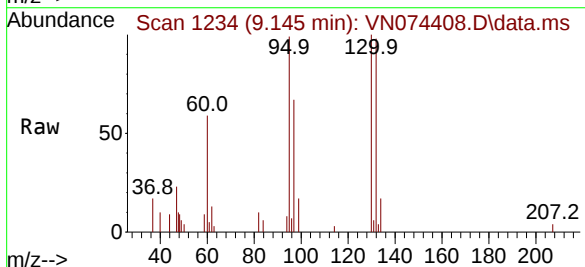
RT: 9.145 min Scan# 1234

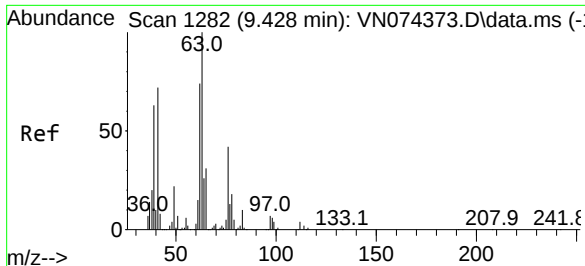
Delta R.T. -0.006 min

Lab File: VN074408.D

Acq: 12 Sep 2022 12:47

Tgt Ion:130	Resp: 9911
Ion Ratio	Lower Upper
130 100	
95 98.8	0.0 210.0





#45

1,2-Dichloropropane

Concen: 2.942 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN074408.D

Acq: 12 Sep 2022 12:47

Instrument :

MSVOA_N

ClientSampleId :

MDL01

Tgt Ion: 63 Resp: 1188

Ion Ratio Lower Upper

63 100

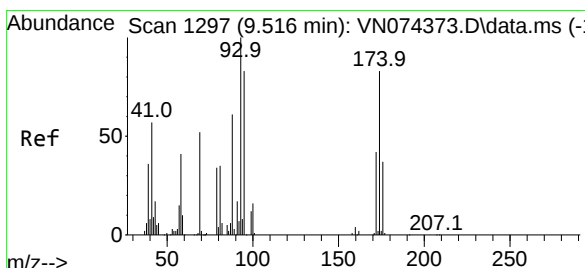
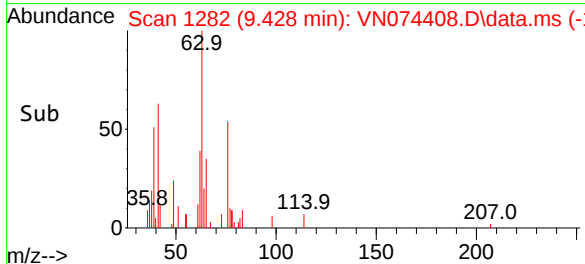
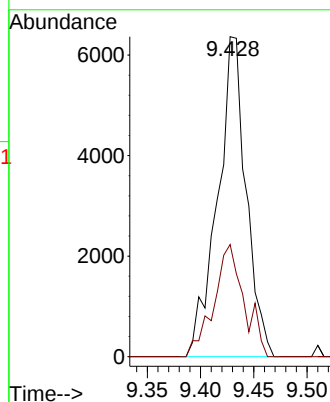
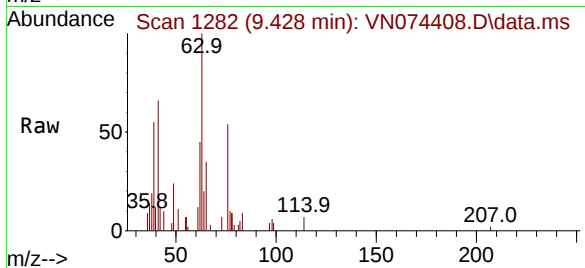
65 35.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#46

Dibromomethane

Concen: 2.908 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN074408.D

Acq: 12 Sep 2022 12:47

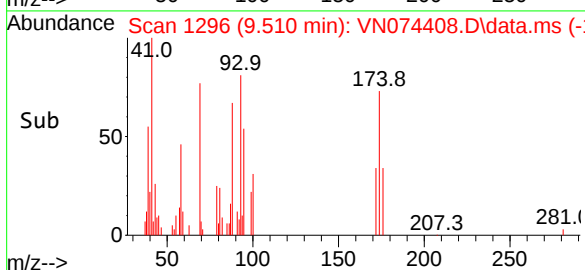
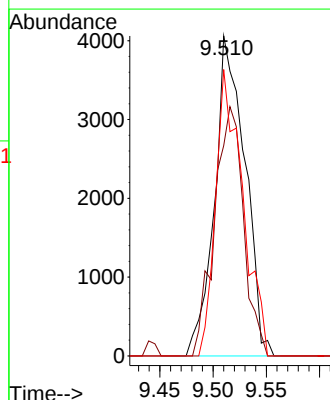
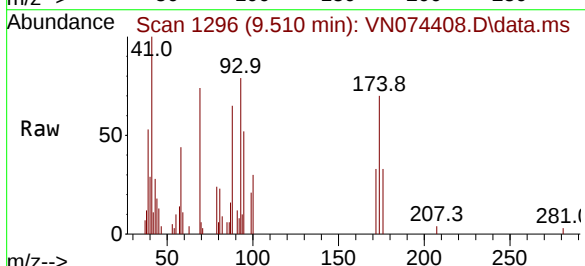
Tgt Ion: 93 Resp: 8047

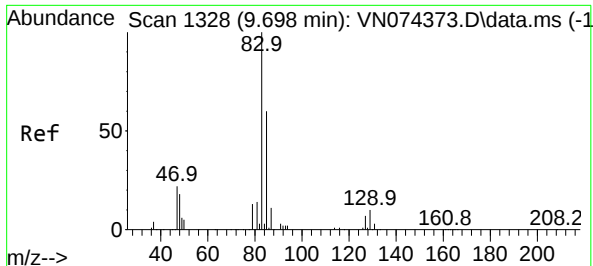
Ion Ratio Lower Upper

93 100

95 74.4 67.5 101.3

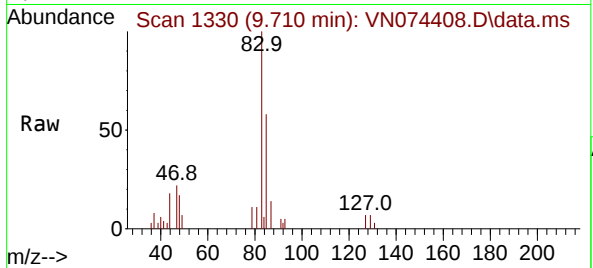
174 79.6 67.2 100.8





#47
Bromodichloromethane
Concen: 2.597 ug/l
RT: 9.710 min Scan# 1330
Delta R.T. 0.012 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

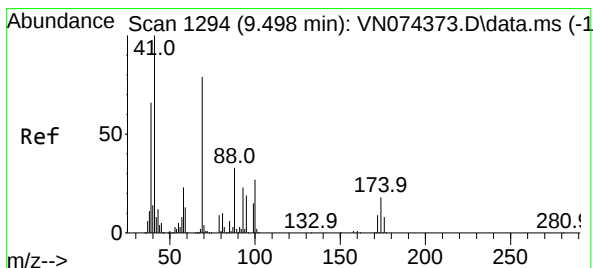
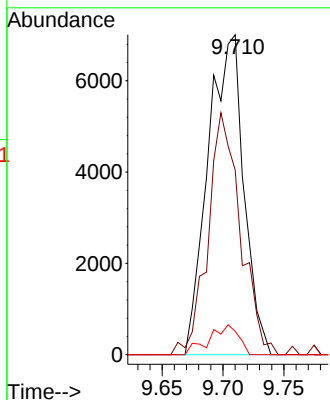
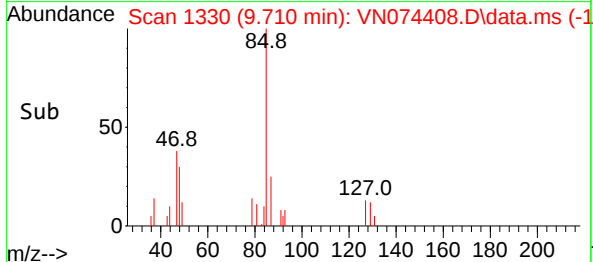
Instrument :
MSVOA_N
ClientSampleId :
MDL01



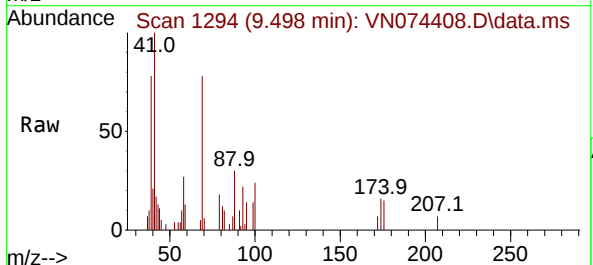
Tgt Ion: 83 Resp: 14320
Ion Ratio Lower Upper
83 100
85 57.7 47.7 71.5
127 7.3 5.4 8.2

Manual Integrations
APPROVED

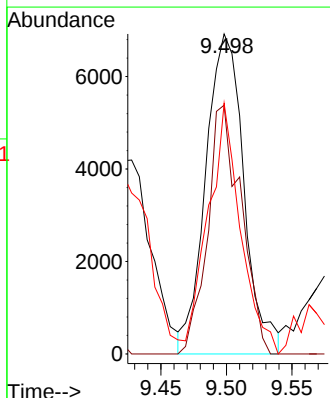
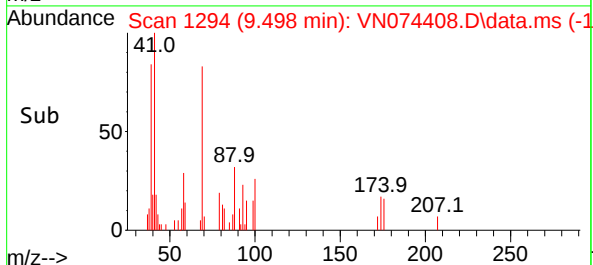
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

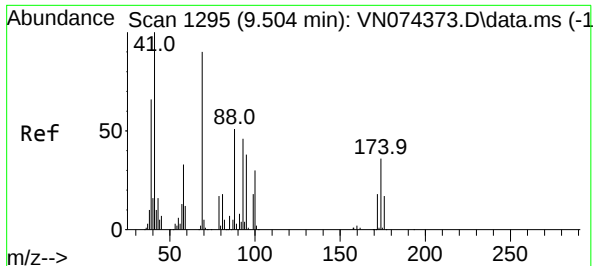


#48
Methyl methacrylate
Concen: 2.697 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47



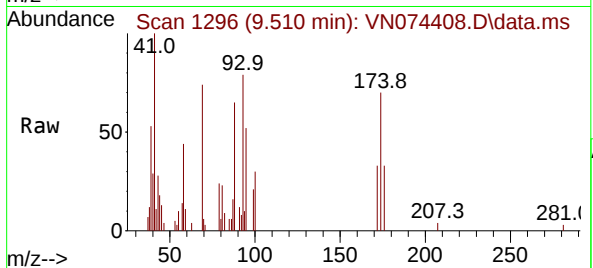
Tgt Ion: 41 Resp: 14021
Ion Ratio Lower Upper
41 100
69 68.6 67.6 101.4
39 66.3 58.2 87.4





#49
1,4-Dioxane
Concen: 54.107 ug/l
RT: 9.510 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

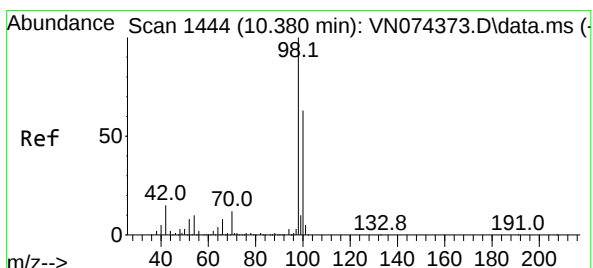
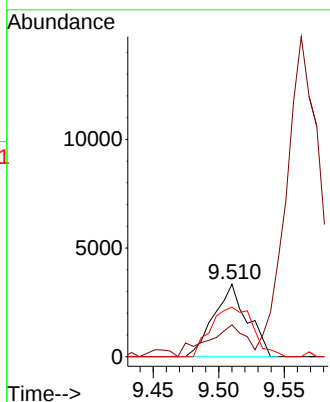
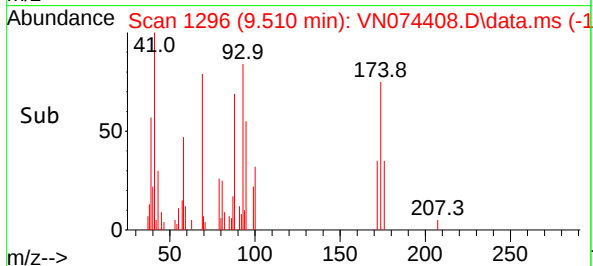
Instrument :
MSVOA_N
ClientSampleId :
MDL01



Tgt Ion: 88 Resp: 592
Ion Ratio Lower Upper
88 100
43 49.7 26.9 40.3
58 86.1 52.7 79.1

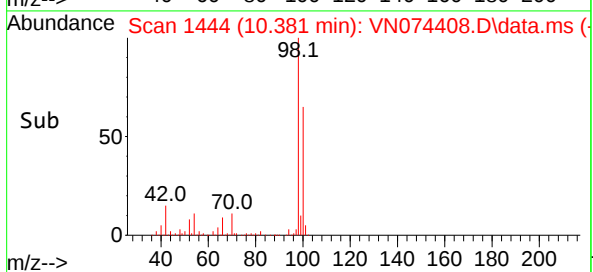
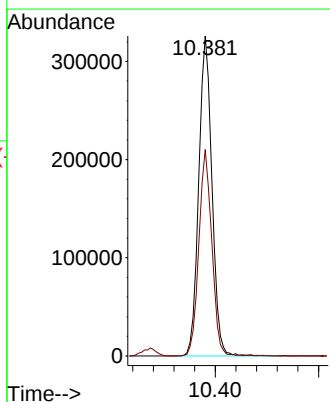
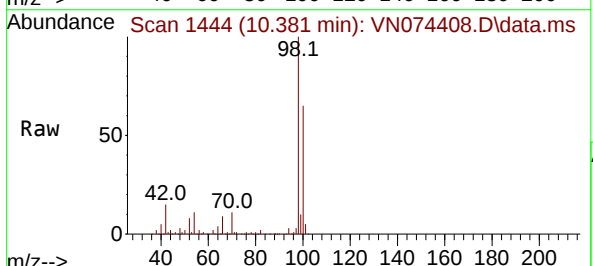
Manual Integrations
APPROVED

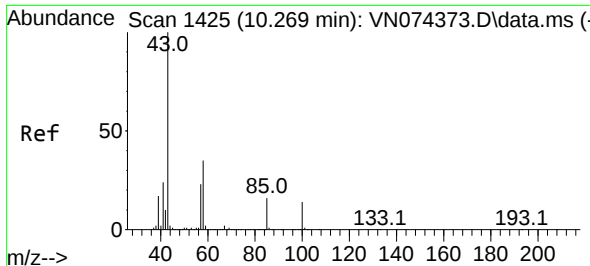
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#50
Toluene-d8
Concen: 49.155 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

Tgt Ion: 98 Resp: 578017
Ion Ratio Lower Upper
98 100
100 63.3 50.6 76.0





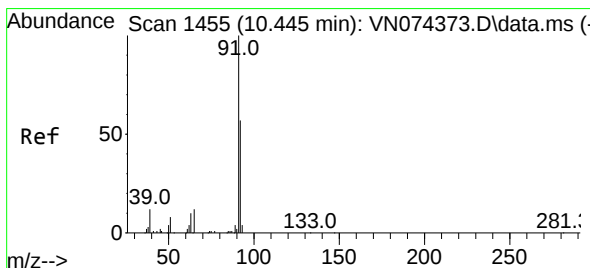
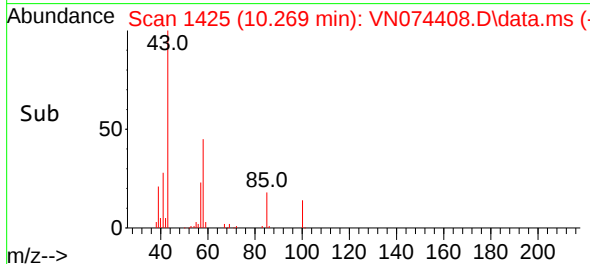
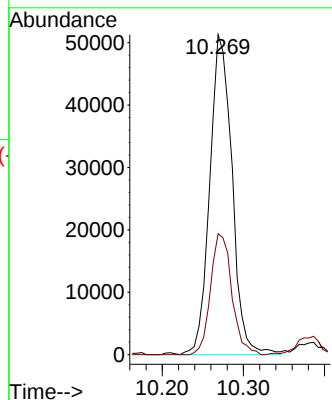
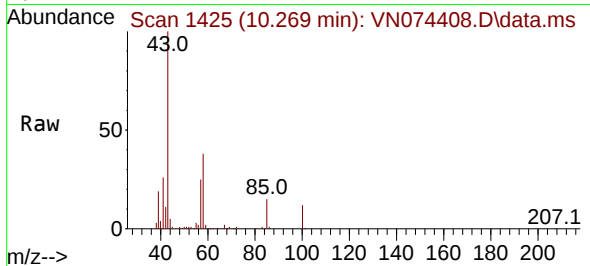
#51
4-Methyl-2-Pentanone
Concen: 12.677 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

Instrument :
MSVOA_N
ClientSampleId :
MDL01

Tgt Ion: 43 Resp: 9778
Ion Ratio Lower Upper
43 100
58 36.0 29.0 43.6

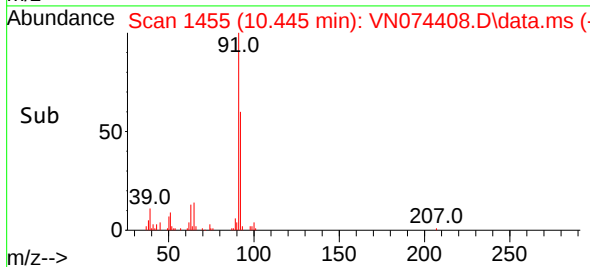
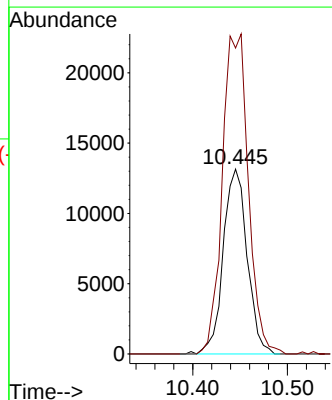
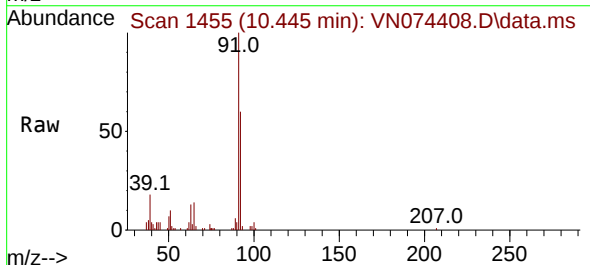
Manual Integrations
APPROVED

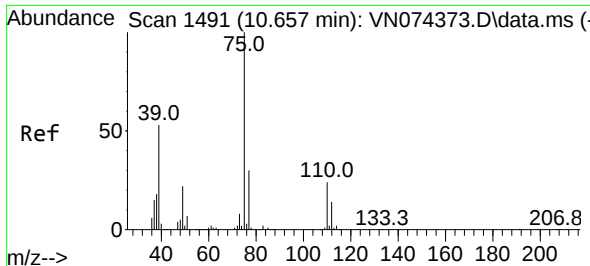
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#52
Toluene
Concen: 2.456 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

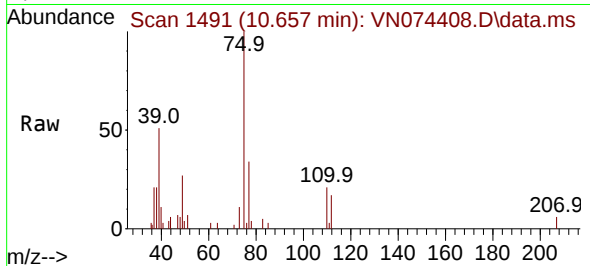
Tgt Ion: 92 Resp: 23118
Ion Ratio Lower Upper
92 100
91 187.7 139.8 209.6





#53
t-1,3-Dichloropropene
Concen: 2.345 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

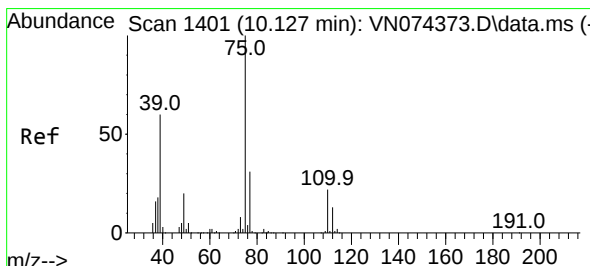
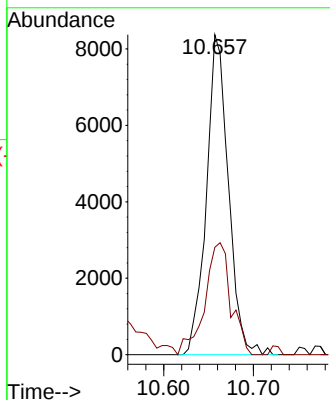
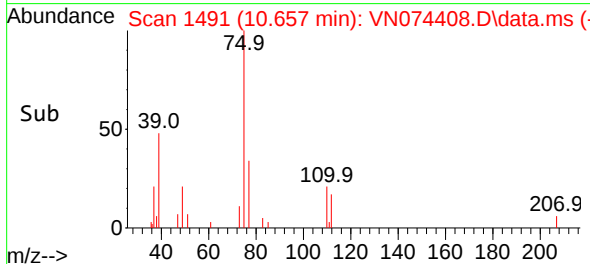
Instrument :
MSVOA_N
ClientSampleId :
MDL01



Tgt Ion: 75 Resp: 14269
Ion Ratio Lower Upper
75 100
77 33.5 23.9 35.9

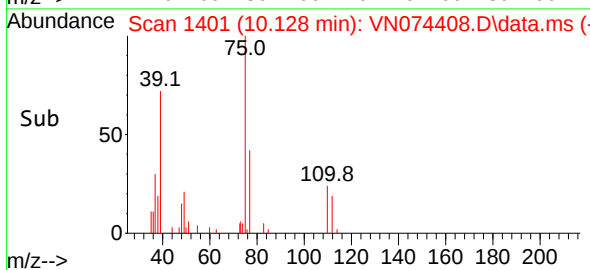
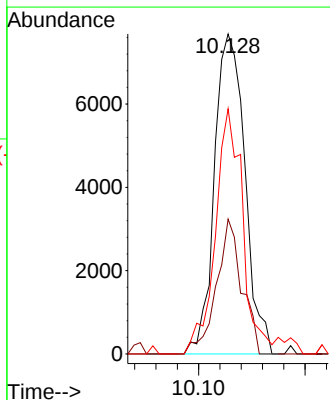
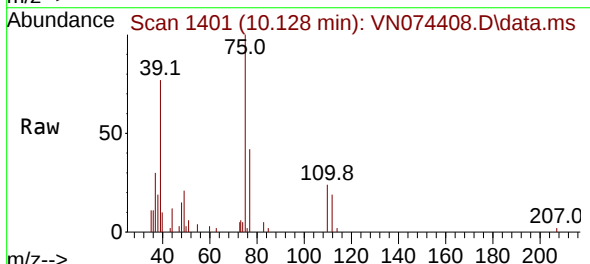
Manual Integrations
APPROVED

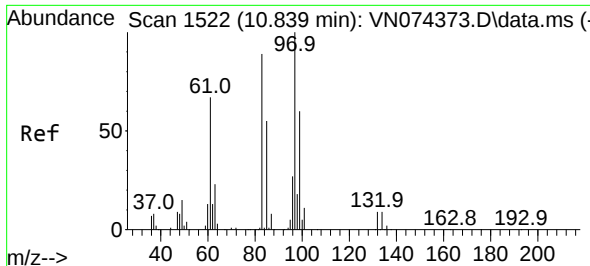
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#54
cis-1,3-Dichloropropene
Concen: 2.352 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

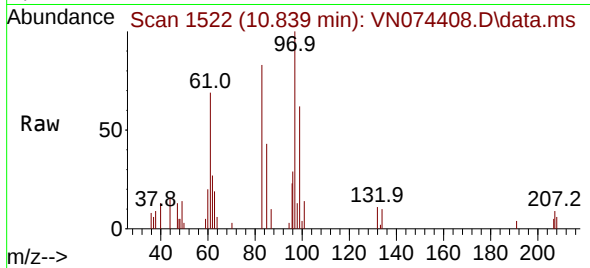
Tgt Ion: 75 Resp: 15257
Ion Ratio Lower Upper
75 100
77 42.2 24.5 36.7#
39 76.6 48.0 72.0#





#55
1,1,2-Trichloroethane
Concen: 2.723 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

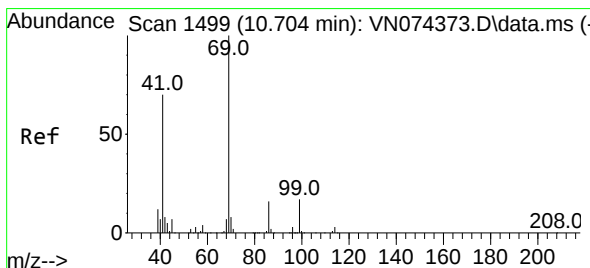
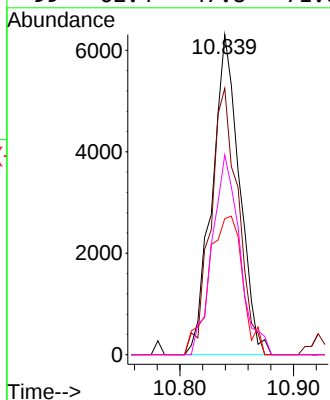
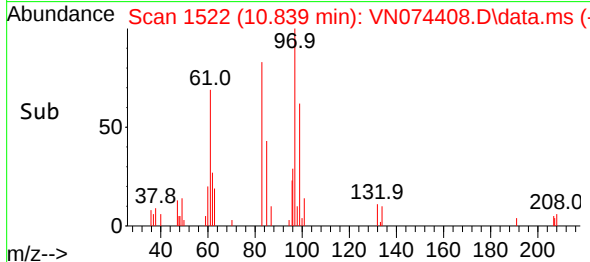
Instrument :
MSVOA_N
ClientSampleId :
MDL01



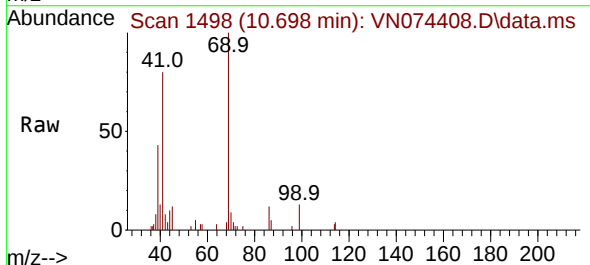
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.2	70.8	106.2
85	42.5	44.1	66.1
99	62.4	47.8	71.6

Manual Integrations
APPROVED

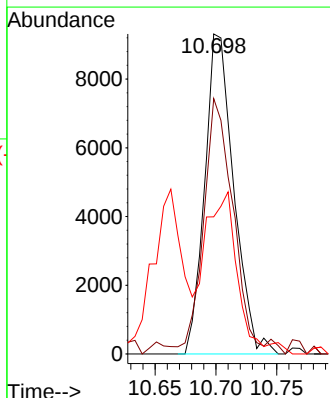
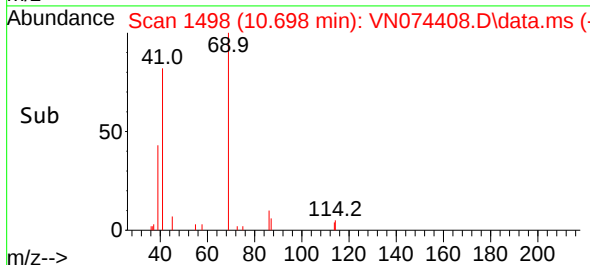
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

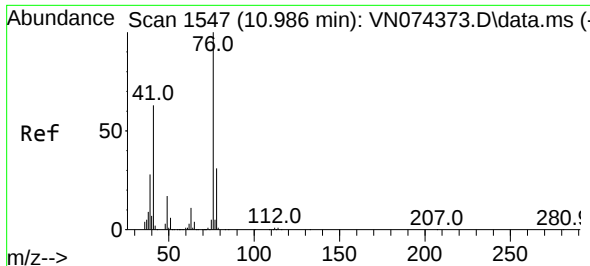


#56
Ethyl methacrylate
Concen: 2.347 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. -0.006 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47



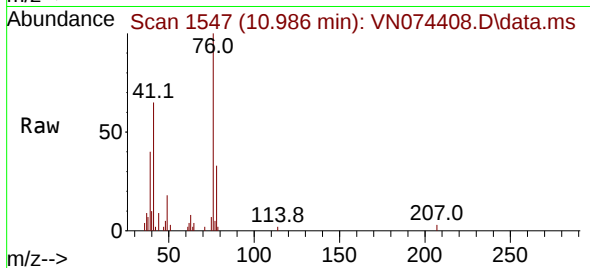
Tgt Ion	Ratio	Lower	Upper
69	100		
41	82.0	56.6	85.0
39	57.3	37.4	56.2





#57
1,3-Dichloropropane
Concen: 2.607 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

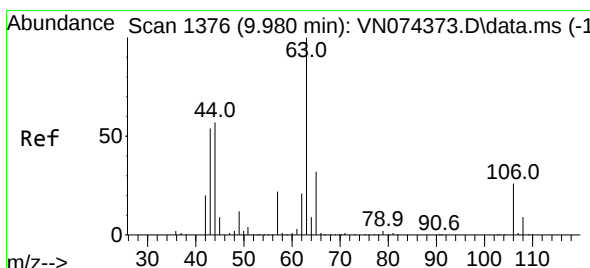
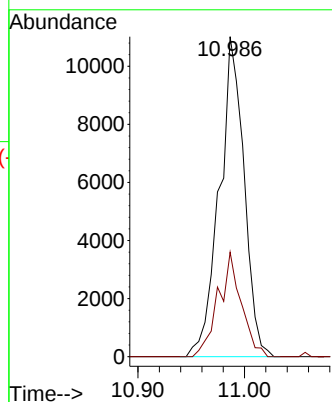
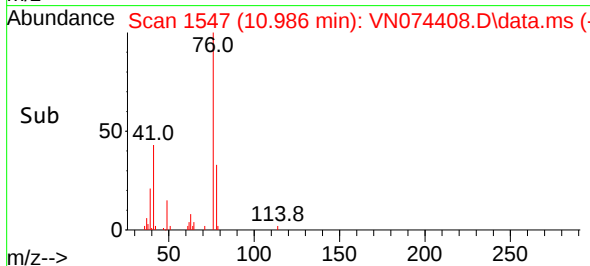
Instrument :
MSVOA_N
ClientSampleId :
MDL01



Tgt Ion: 76 Resp: 1768
Ion Ratio Lower Upper
76 100
78 30.4 25.0 37.4

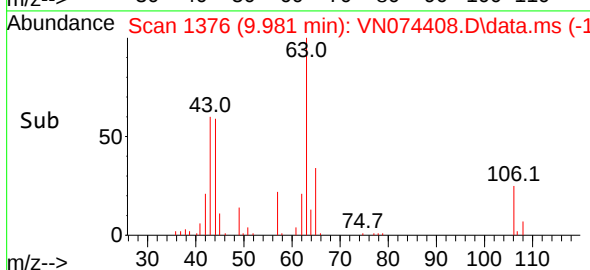
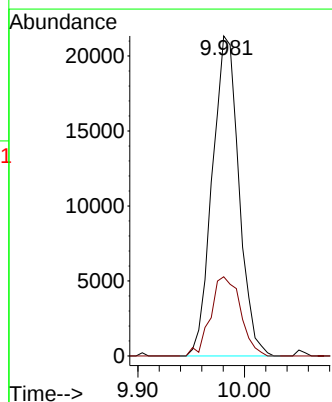
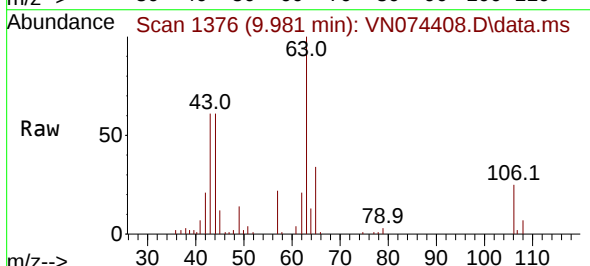
Manual Integrations
APPROVED

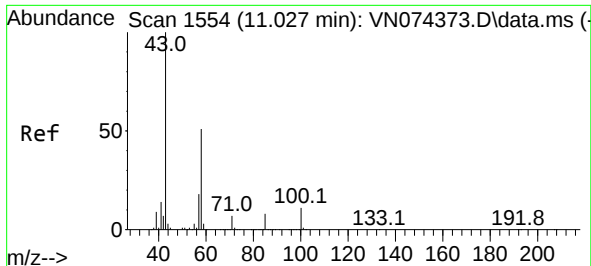
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#58
2-Chloroethyl Vinyl ether
Concen: 12.063 ug/l
RT: 9.981 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

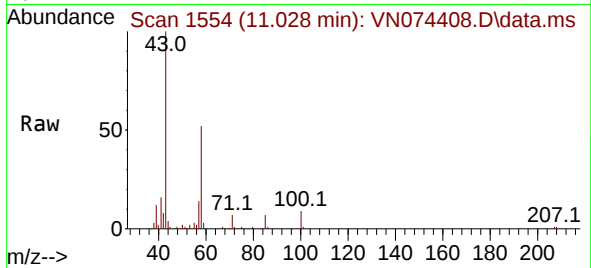
Tgt Ion: 63 Resp: 37000
Ion Ratio Lower Upper
63 100
106 27.8 21.1 31.7





#59
2-Hexanone
Concen: 12.456 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

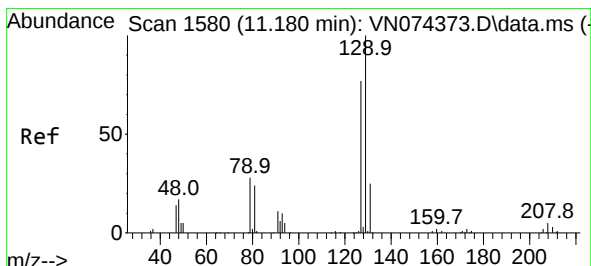
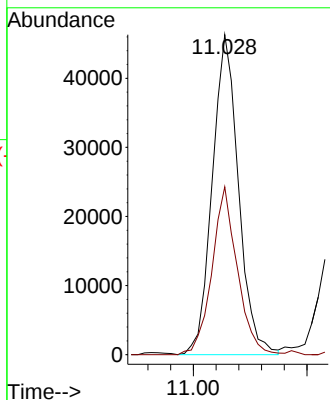
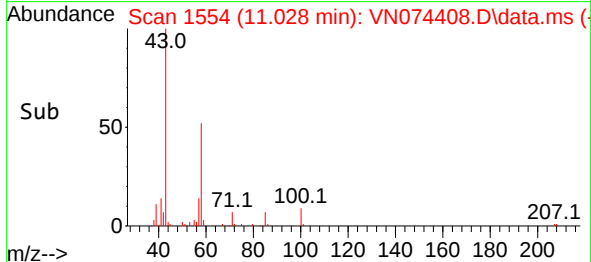
Instrument :
MSVOA_N
ClientSampleId :
MDL01



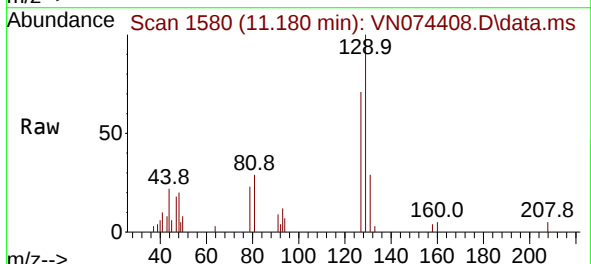
Tgt Ion: 43 Resp: 7414
Ion Ratio Lower Upper
43 100
58 50.9 25.8 77.3

Manual Integrations
APPROVED

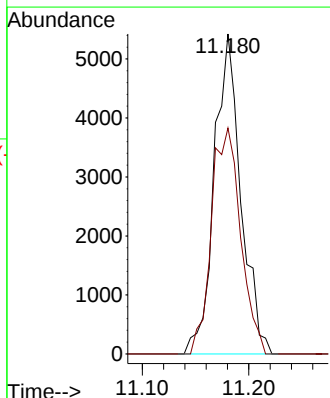
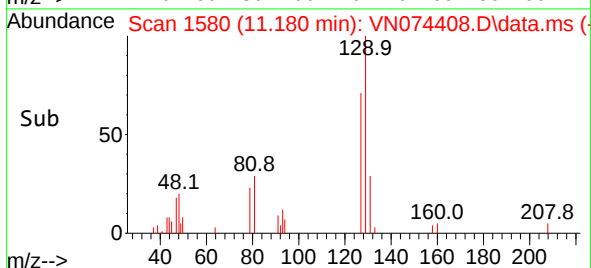
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

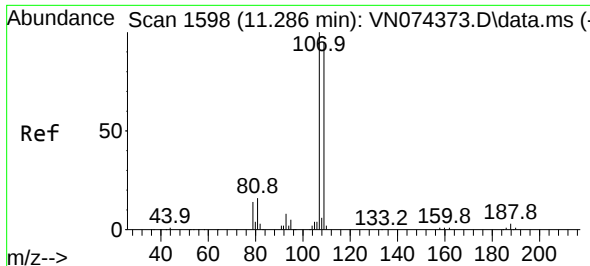


#60
Dibromochloromethane
Concen: 2.397 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47



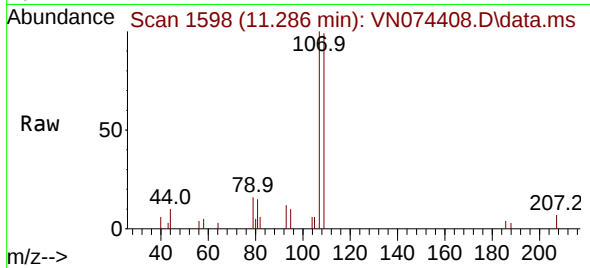
Tgt Ion:129 Resp: 9418
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.3





#61
1,2-Dibromoethane
Concen: 2.655 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

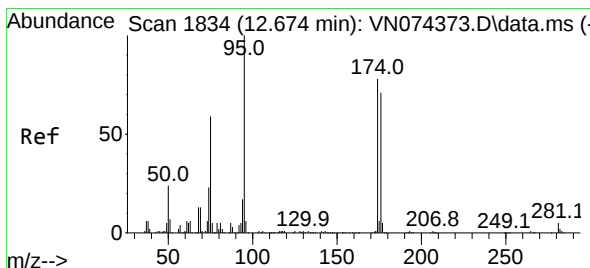
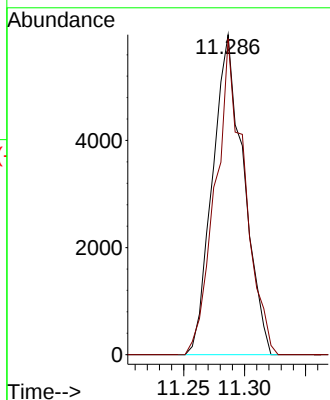
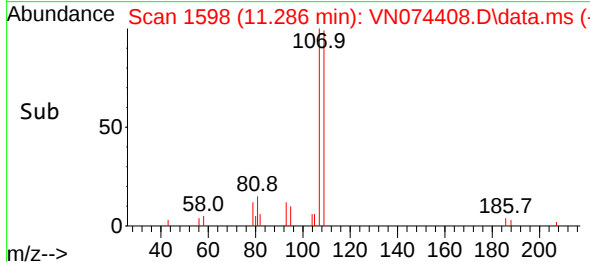
Instrument :
MSVOA_N
ClientSampleId :
MDL01



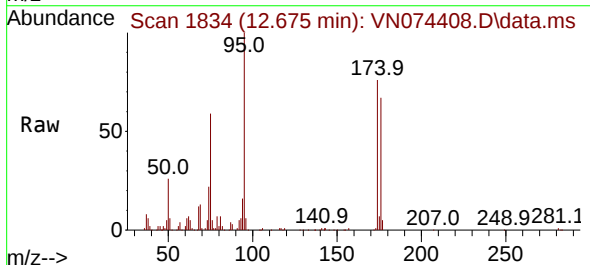
Tgt Ion:107 Resp: 10600
Ion Ratio Lower Upper
107 100
109 93.0 75.0 112.4

Manual Integrations
APPROVED

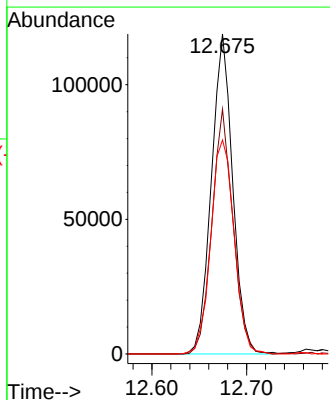
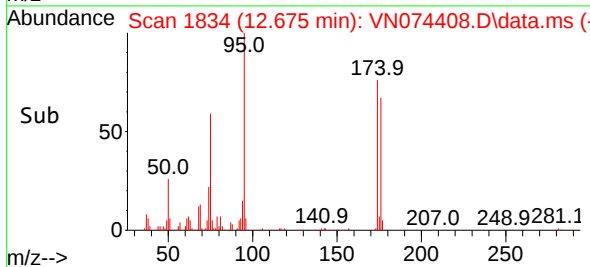
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

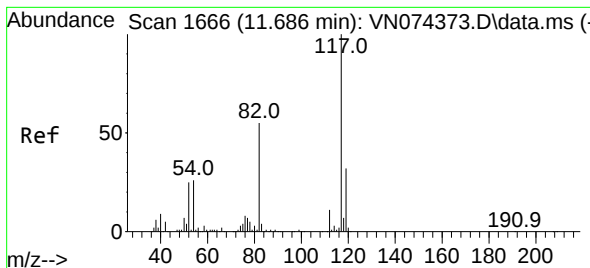


#62
4-Bromofluorobenzene
Concen: 43.519 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47



Tgt Ion: 95 Resp: 185798
Ion Ratio Lower Upper
95 100
174 75.4 0.0 150.6
176 73.5 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: VN074408.D

Acq: 12 Sep 2022 12:47

Instrument :

MSVOA_N

ClientSampleId :

MDL01

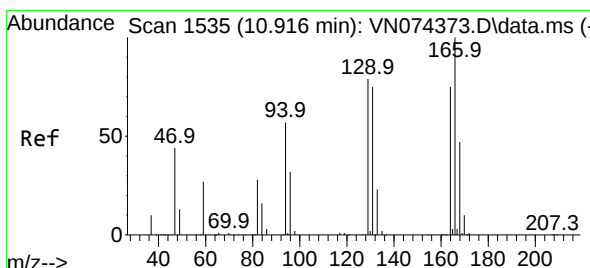
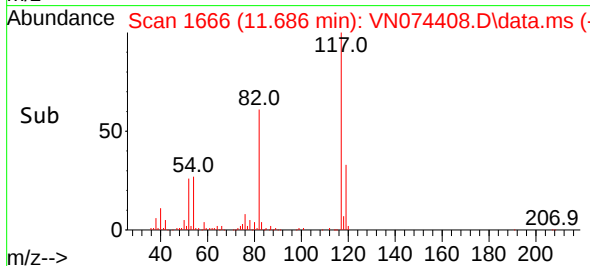
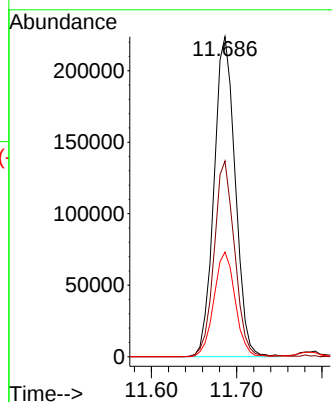
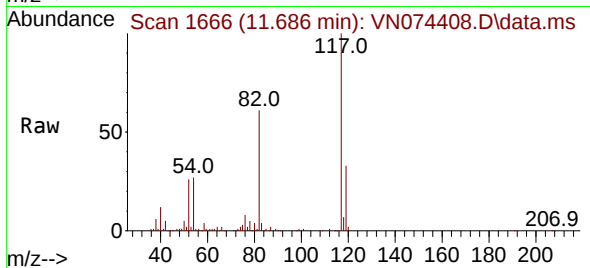
Tgt Ion:117	Resp:	38688
Ion Ratio	Lower	Upper
117	100	
82	61.2	44.3 66.5
119	32.7	25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#64

Tetrachloroethene

Concen: 2.486 ug/l

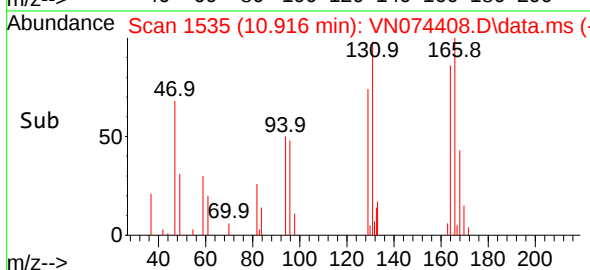
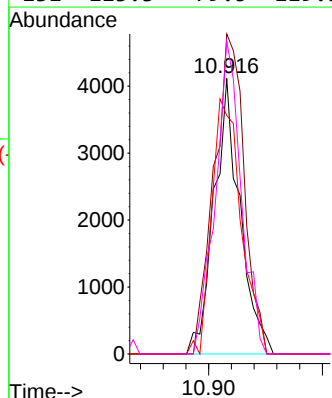
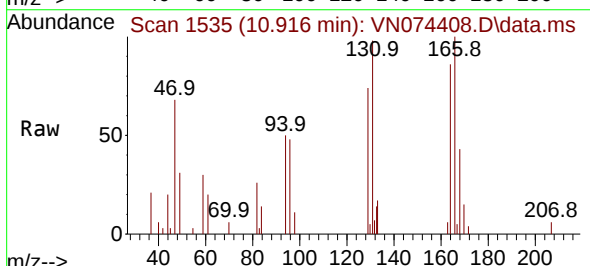
RT: 10.916 min Scan# 1535

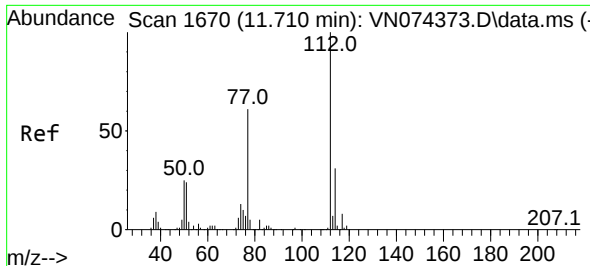
Delta R.T. 0.000 min

Lab File: VN074408.D

Acq: 12 Sep 2022 12:47

Tgt Ion:164	Resp:	6520
Ion Ratio	Lower	Upper
164	100	
166	116.1	106.6 160.0
129	86.5	84.0 126.0
131	113.3	79.5 119.3





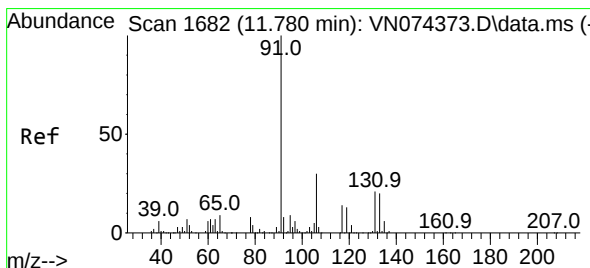
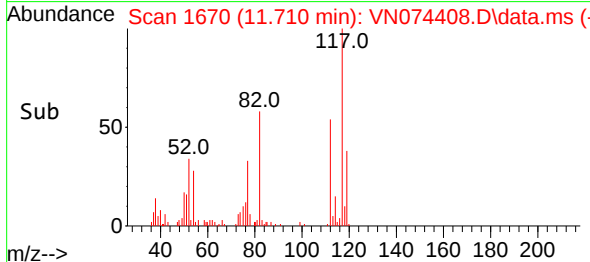
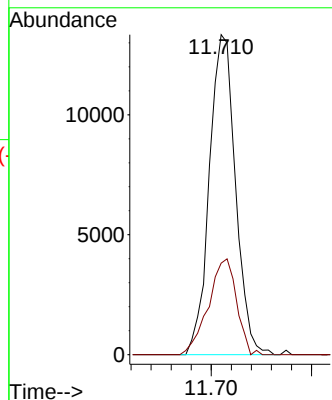
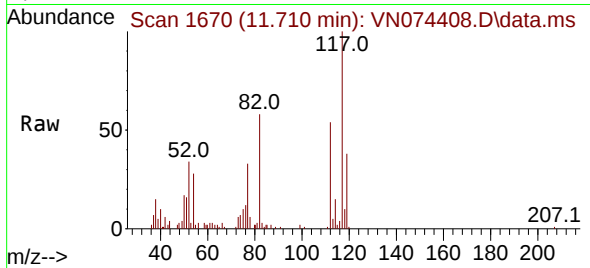
#65
Chlorobenzene
Concen: 2.592 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

Instrument :
MSVOA_N
ClientSampleId :
MDL01

Tgt Ion:112 Resp: 2417
Ion Ratio Lower Upper
112 100
114 28.6 25.1 37.7

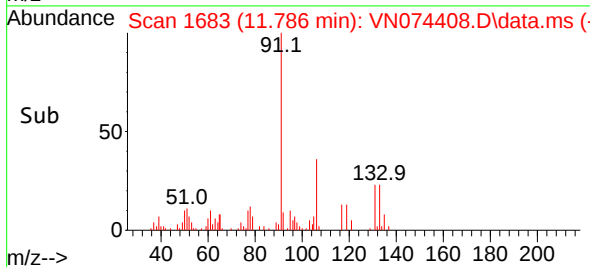
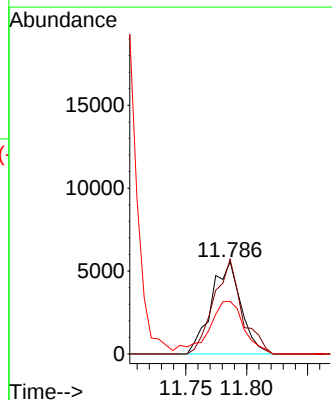
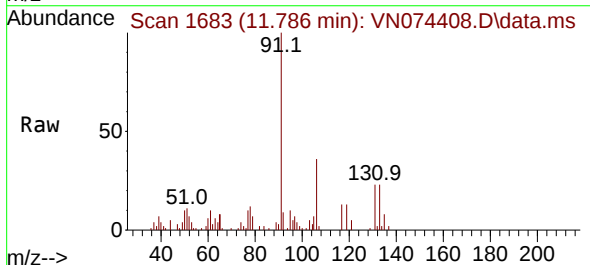
Manual Integrations
APPROVED

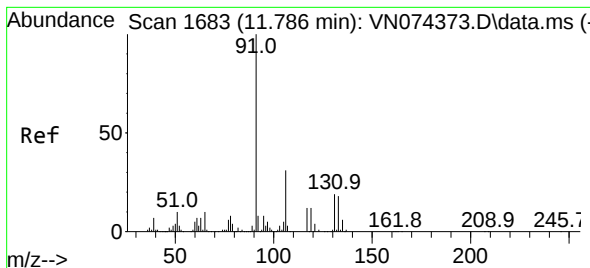
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 2.589 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

Tgt Ion:131 Resp: 9436
Ion Ratio Lower Upper
131 100
133 96.5 47.3 141.8
119 68.0 33.0 98.9





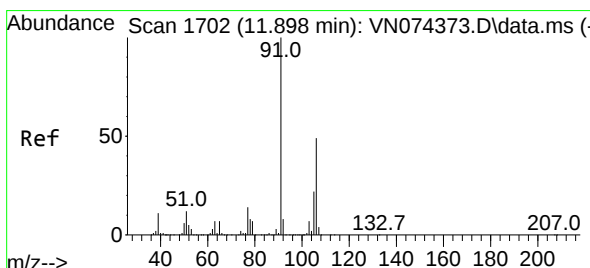
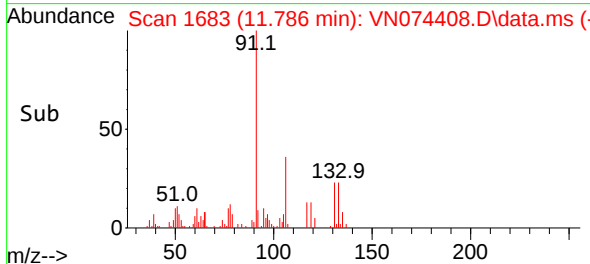
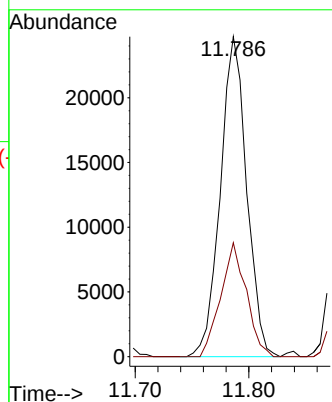
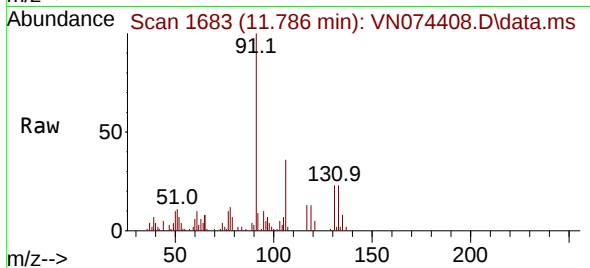
#67
Ethyl Benzene
Concen: 2.256 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

Instrument :
MSVOA_N
ClientSampleId :
MDL01

Tgt Ion: 91 Resp: 3975
Ion Ratio Lower Upper
91 100
106 35.6 24.5 36.7

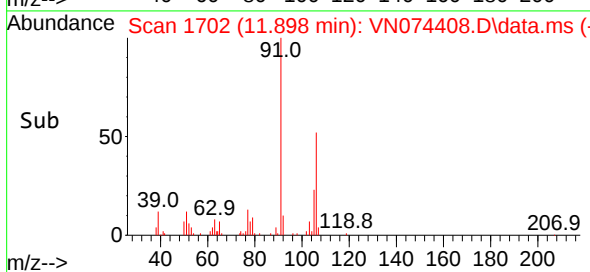
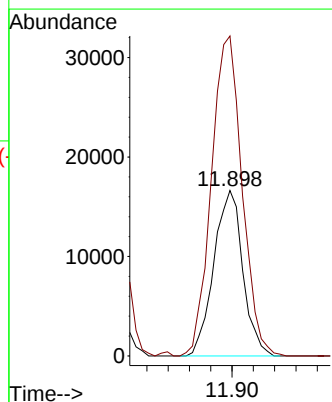
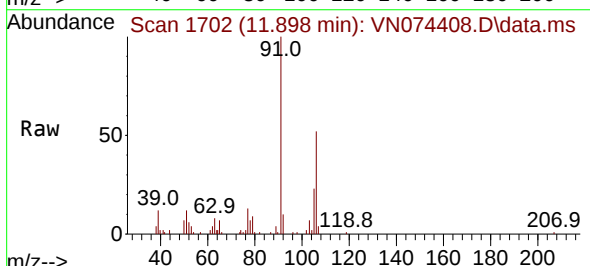
Manual Integrations
APPROVED

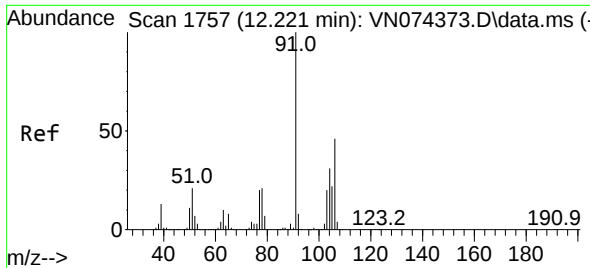
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#68
m/p-Xylenes
Concen: 4.742 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

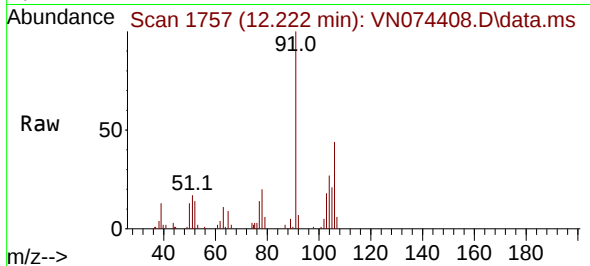
Tgt Ion:106 Resp: 31410
Ion Ratio Lower Upper
106 100
91 204.9 167.7 251.5





#69
o-Xylene
Concen: 2.577 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

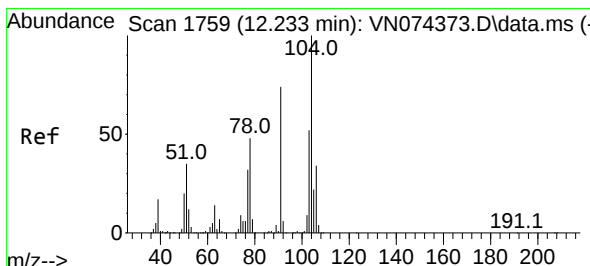
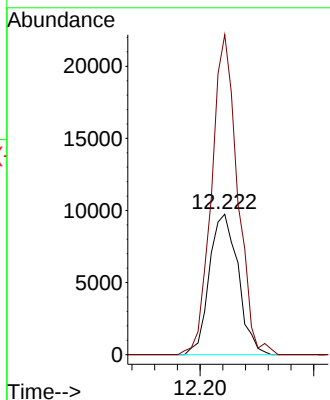
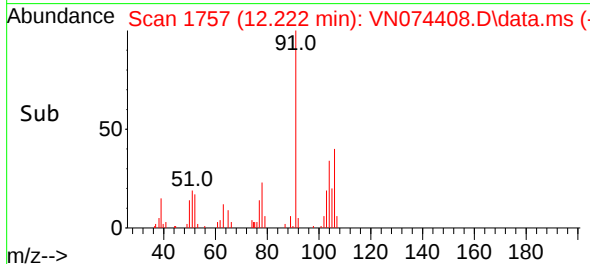
Instrument :
MSVOA_N
ClientSampleId :
MDL01



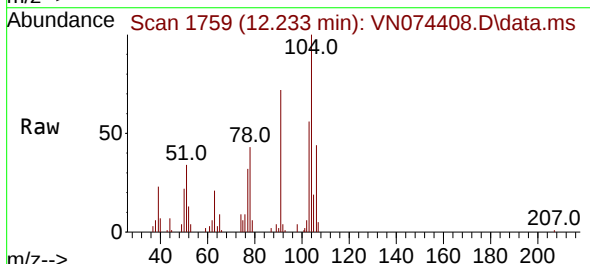
Tgt Ion:106 Resp: 17160
Ion Ratio Lower Upper
106 100
91 206.3 109.4 328.2

Manual Integrations
APPROVED

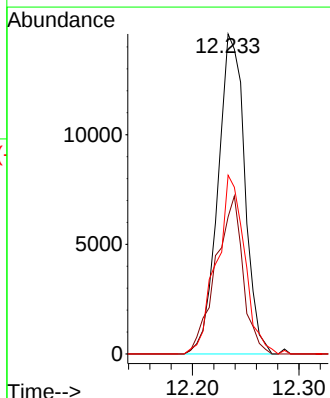
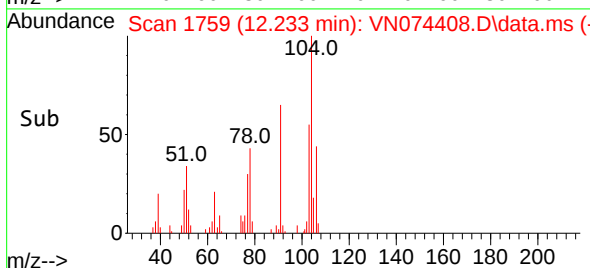
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

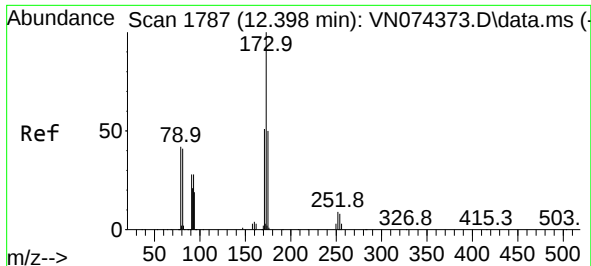


#70
Styrene
Concen: 2.403 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47



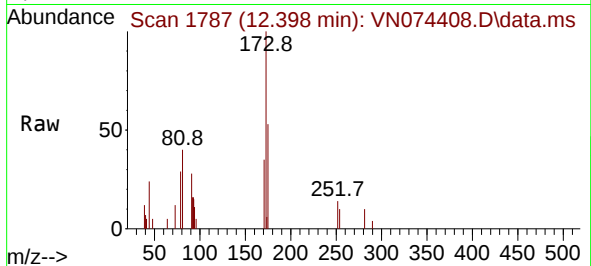
Tgt Ion:104 Resp: 25439
Ion Ratio Lower Upper
104 100
78 50.2 41.8 62.6
103 58.9 43.4 65.2





#71
Bromoform
Concen: 2.333 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

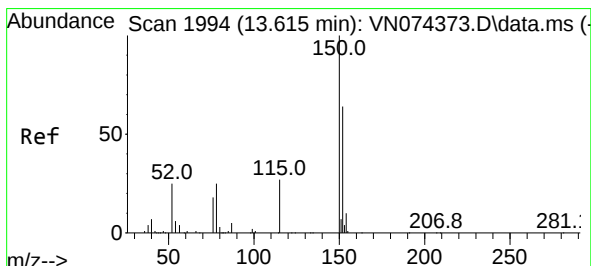
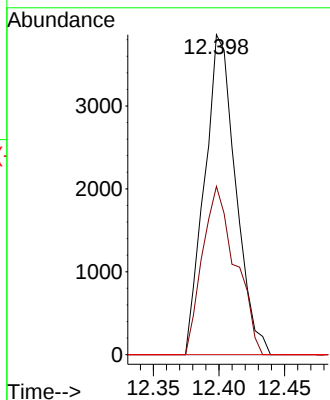
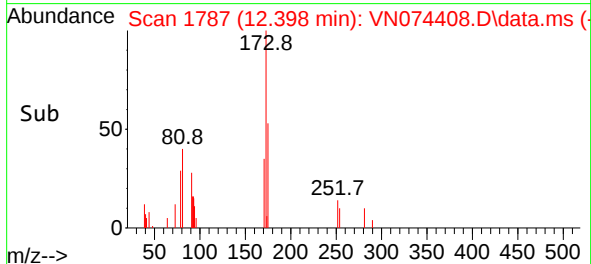
Instrument :
MSVOA_N
ClientSampleId :
MDL01



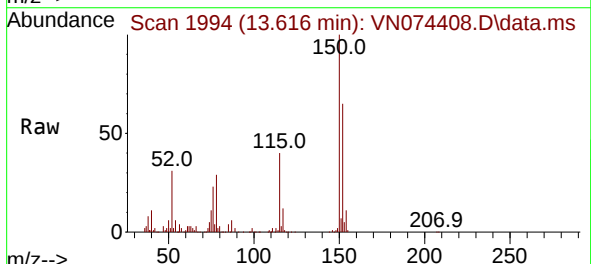
Tgt Ion:173 Resp: 636
Ion Ratio Lower Upper
173 100
175 56.1 24.1 72.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

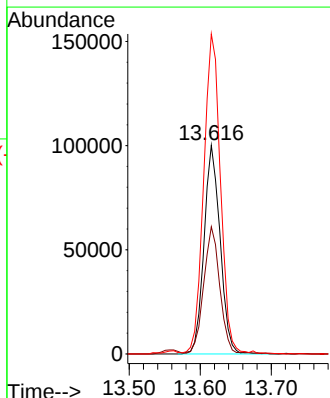
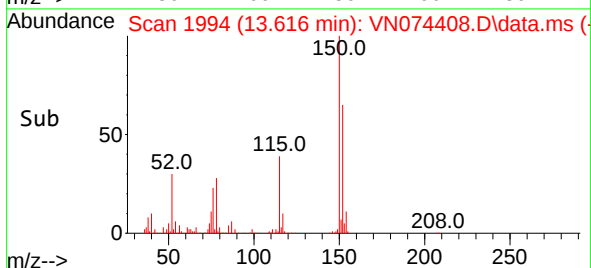
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

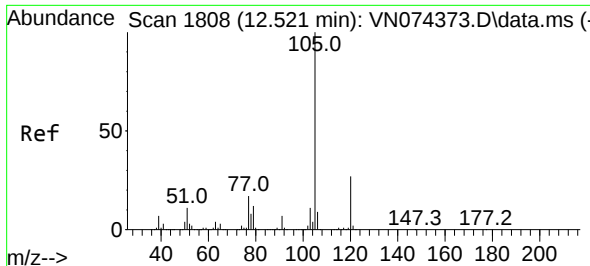


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47



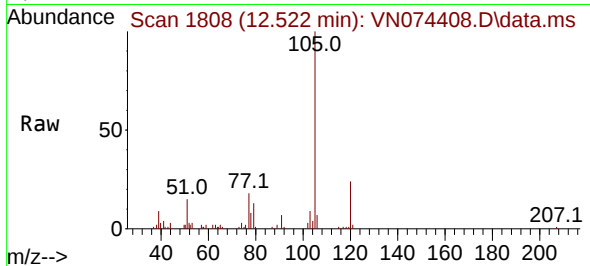
Tgt Ion:152 Resp: 158056
Ion Ratio Lower Upper
152 100
115 61.3 32.0 96.0
150 160.5 0.0 359.6





#73
Isopropylbenzene
Concen: 2.669 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

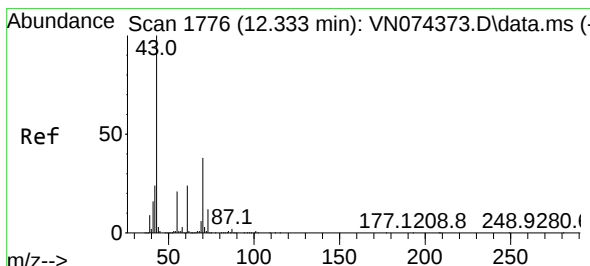
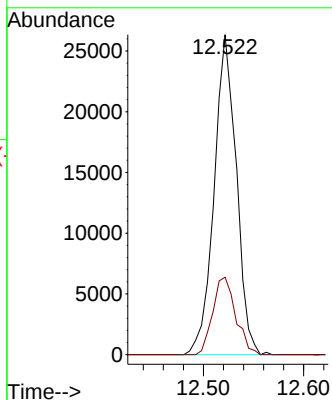
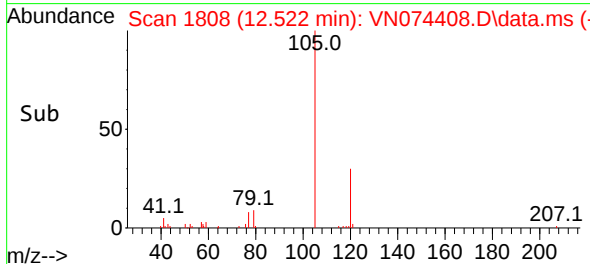
Instrument :
MSVOA_N
ClientSampleId :
MDL01



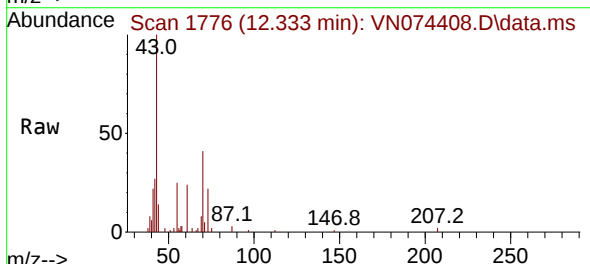
Tgt Ion:105 Resp: 40530
Ion Ratio Lower Upper
105 100
120 25.0 13.4 40.1

Manual Integrations
APPROVED

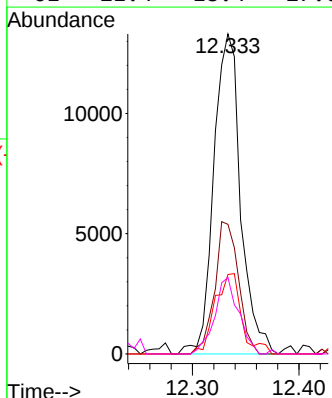
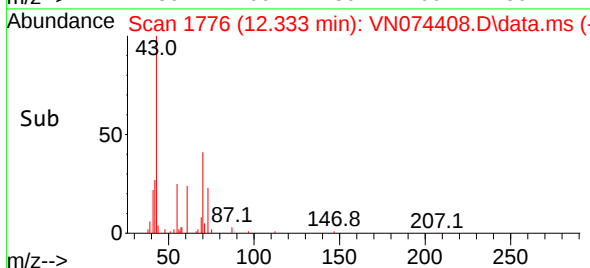
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

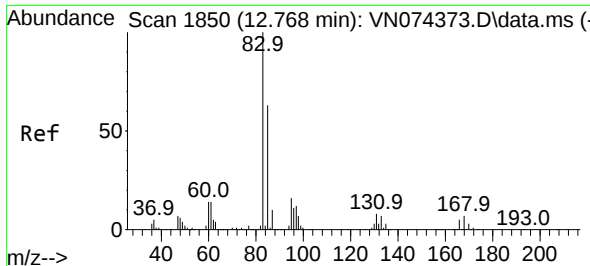


#74
N-ethyl acetate
Concen: 2.631 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47



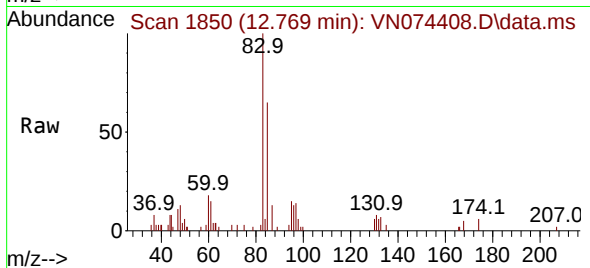
Tgt Ion: 43 Resp: 23264
Ion Ratio Lower Upper
43 100
70 36.6 31.4 47.0
55 24.9 17.0 25.6
61 21.4 18.4 27.6





#75
1,1,2,2-Tetrachloroethane
Concen: 3.057 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

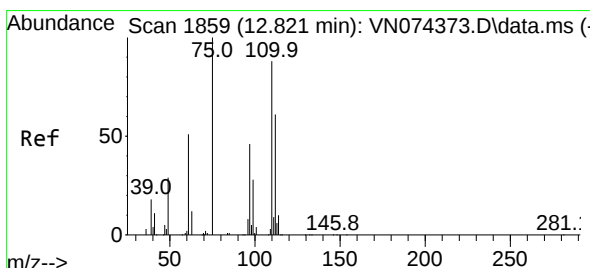
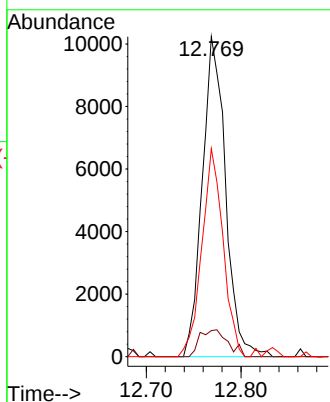
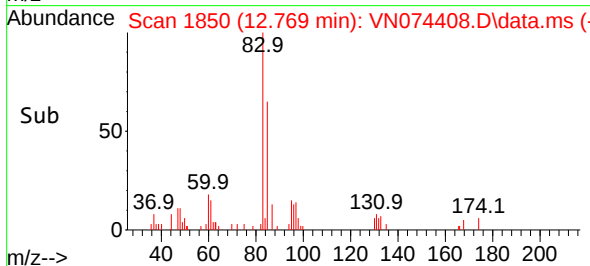
Instrument :
MSVOA_N
ClientSampleId :
MDL01



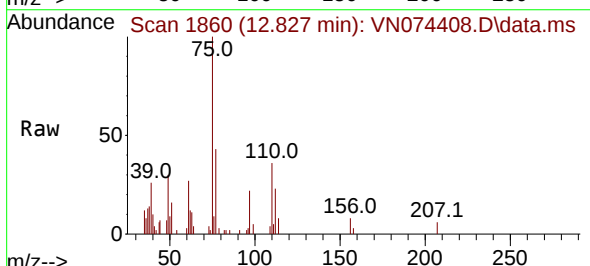
Tgt Ion: 83 Resp: 1744
Ion Ratio Lower Upper
83 100
131 10.2 4.5 13.7
85 59.3 32.3 96.8

Manual Integrations
APPROVED

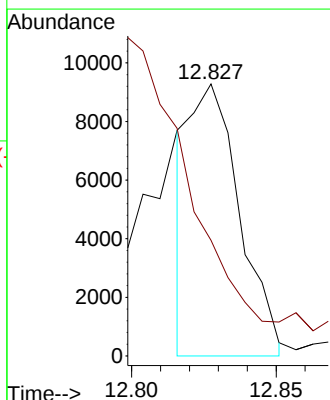
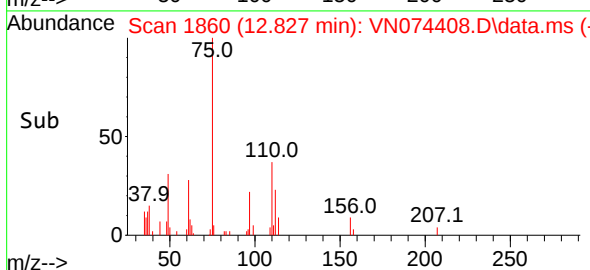
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

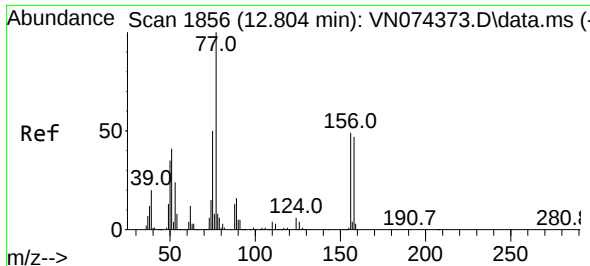


#76
1,2,3-Trichloropropane
Concen: 2.700 ug/l m
RT: 12.827 min Scan# 1860
Delta R.T. 0.006 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47



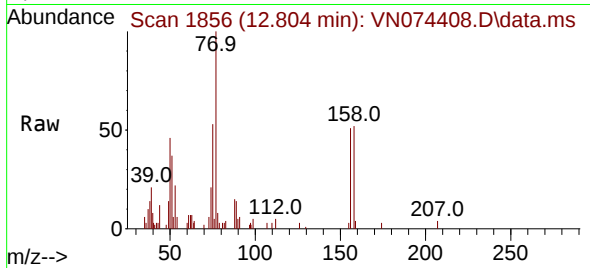
Tgt Ion: 75 Resp: 11154
Ion Ratio Lower Upper
75 100
77 0.0 78.9 236.7#





#77
Bromobenzene
Concen: 3.192 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

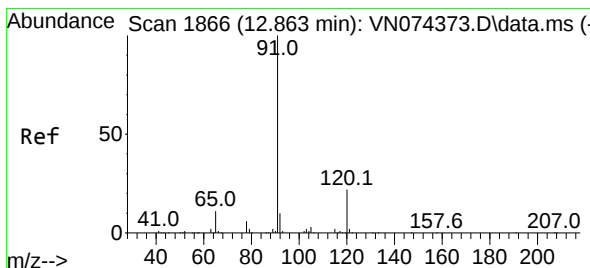
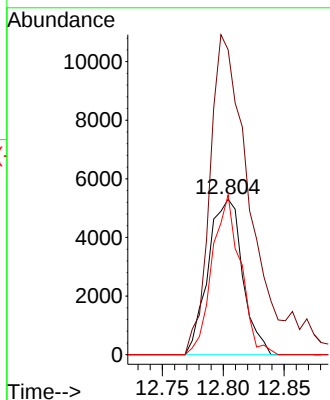
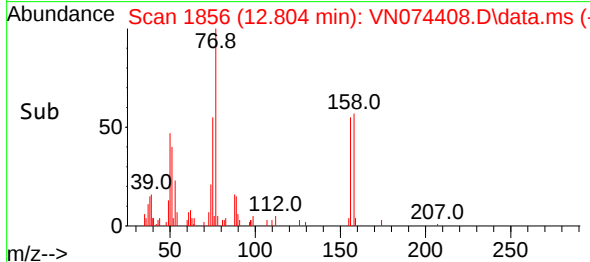
Instrument :
MSVOA_N
ClientSampleId :
MDL01



Tgt Ion:156 Resp: 10408
Ion Ratio Lower Upper
156 100
77 230.5 124.4 373.1
158 84.7 49.2 147.6

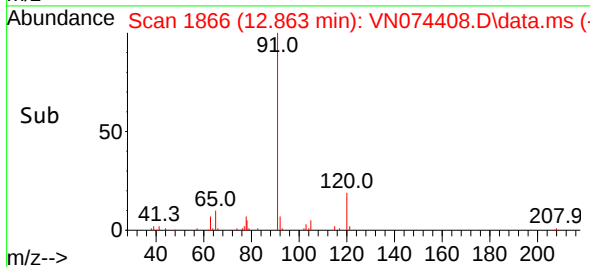
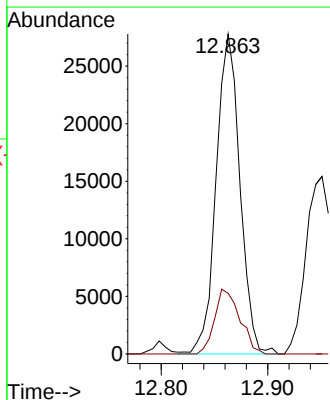
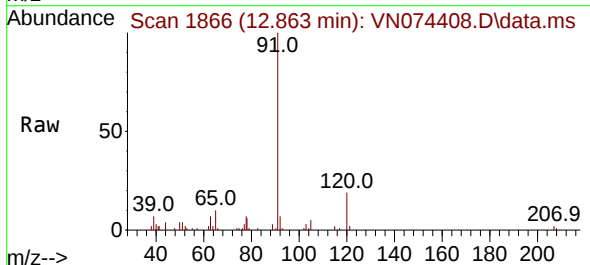
Manual Integrations
APPROVED

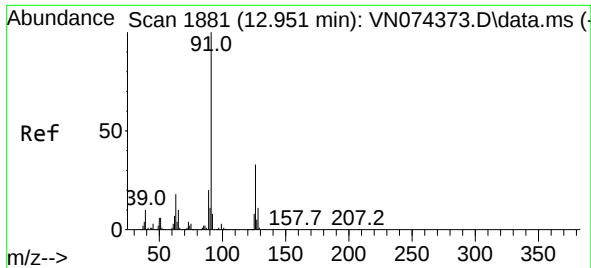
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#78
n-propylbenzene
Concen: 2.474 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

Tgt Ion: 91 Resp: 43038
Ion Ratio Lower Upper
91 100
120 21.5 11.1 33.1





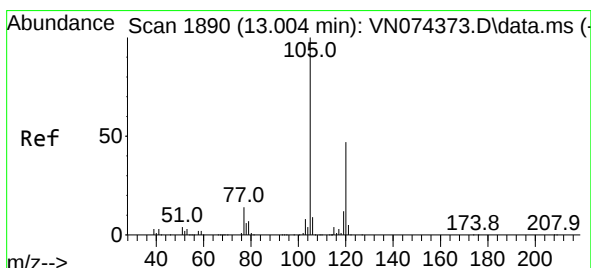
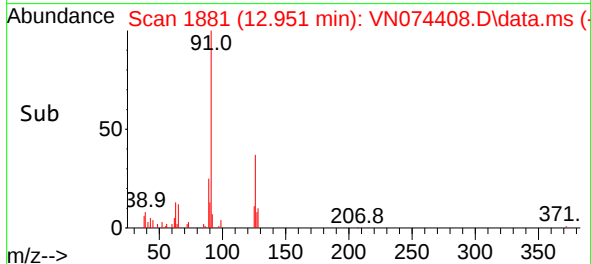
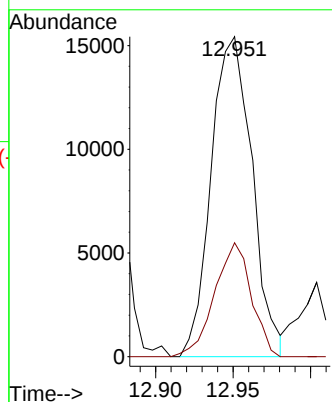
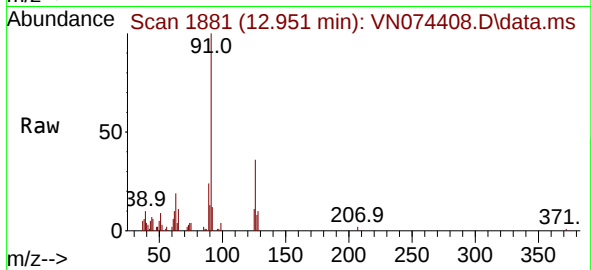
#79
2-Chlorotoluene
Concen: 2.670 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

Instrument :
MSVOA_N
ClientSampleId :
MDL01

Tgt Ion: 91 Resp: 28320
Ion Ratio Lower Upper
91 100
126 31.9 16.2 48.5

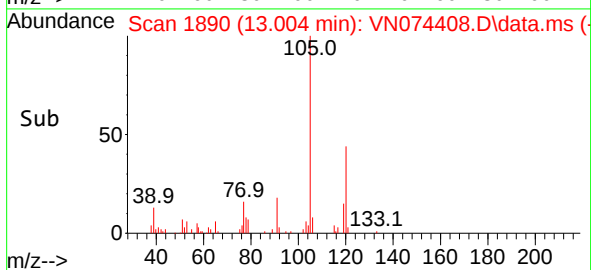
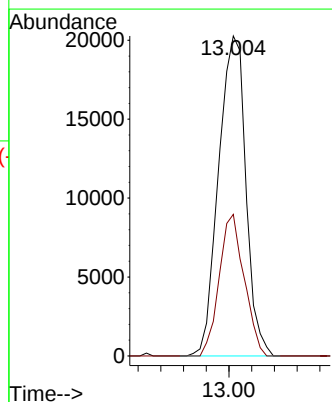
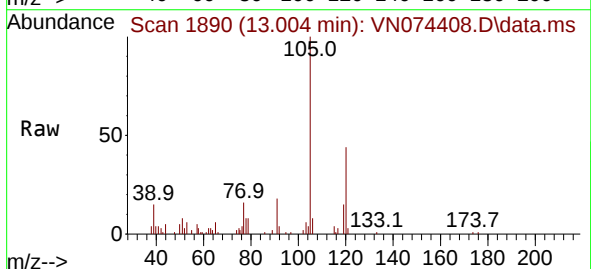
Manual Integrations
APPROVED

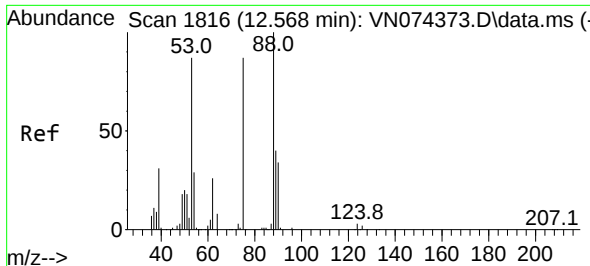
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 2.680 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

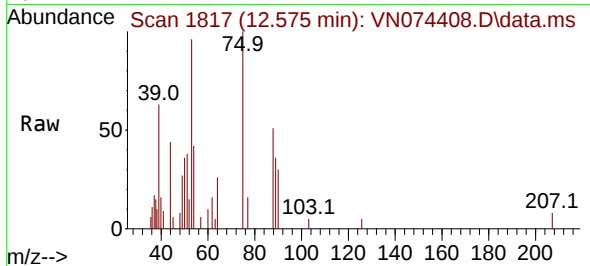
Tgt Ion:105 Resp: 33761
Ion Ratio Lower Upper
105 100
120 40.5 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 2.650 ug/l
RT: 12.575 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

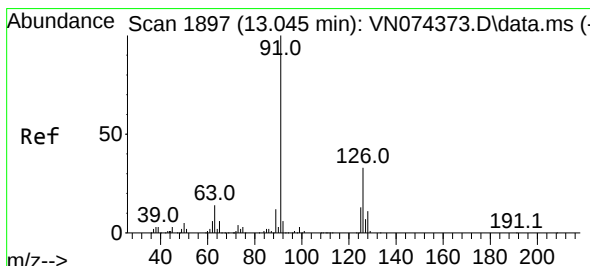
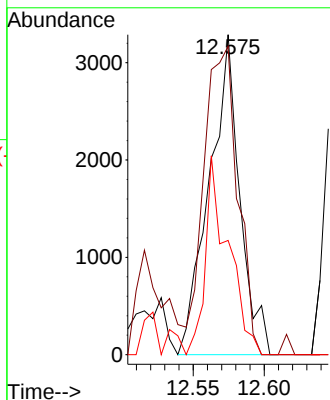
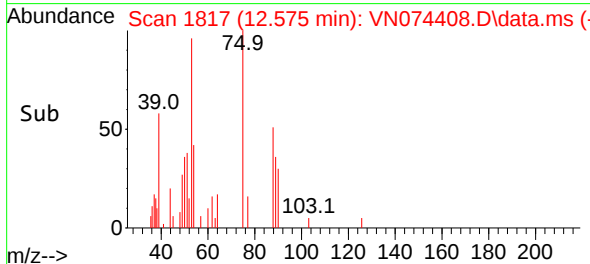
Instrument :
MSVOA_N
ClientSampleId :
MDL01



Tgt Ion: 75 Resp: 491
Ion Ratio Lower Upper
75 100
53 105.8 82.2 123.2
89 46.3 37.7 56.5

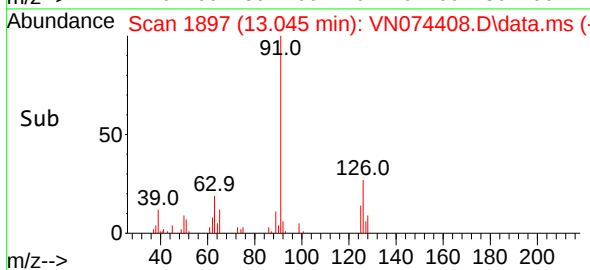
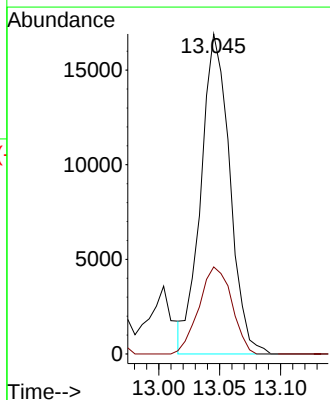
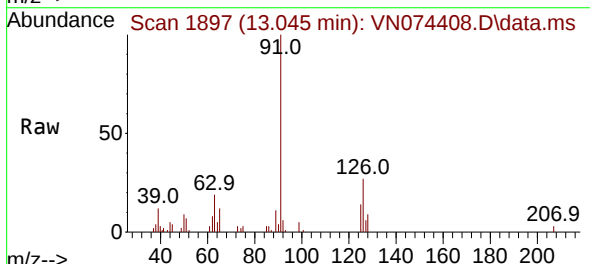
Manual Integrations
APPROVED

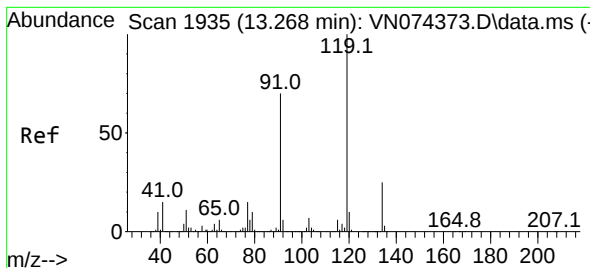
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#82
4-Chlorotoluene
Concen: 2.730 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

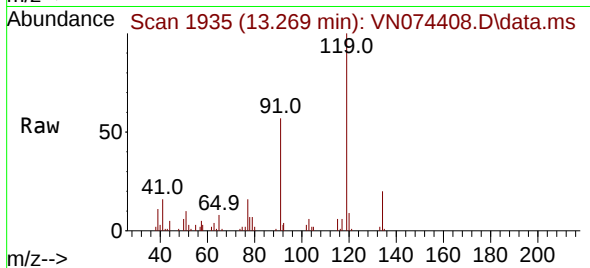
Tgt Ion: 91 Resp: 27942
Ion Ratio Lower Upper
91 100
126 30.9 16.4 49.1





#83
tert-Butylbenzene
Concen: 2.701 ug/l
RT: 13.269 min Scan# 1935
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

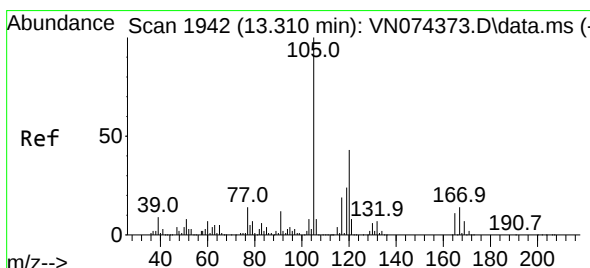
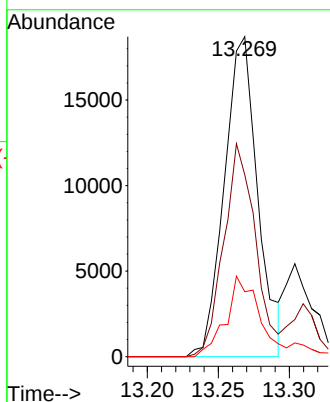
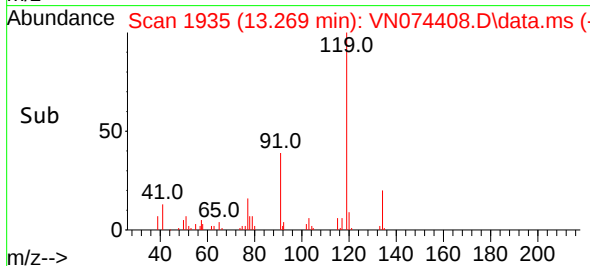
Instrument :
MSVOA_N
ClientSampleId :
MDL01



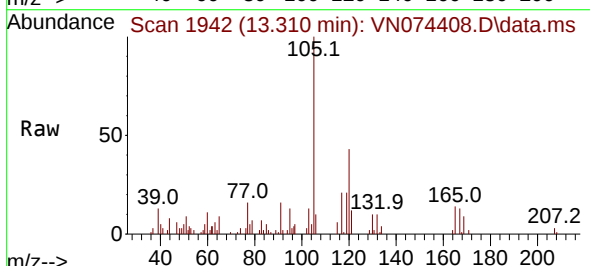
Tgt Ion:119 Resp: 30640
Ion Ratio Lower Upper
119 100
91 63.1 33.8 101.3
134 25.0 13.1 39.3

Manual Integrations
APPROVED

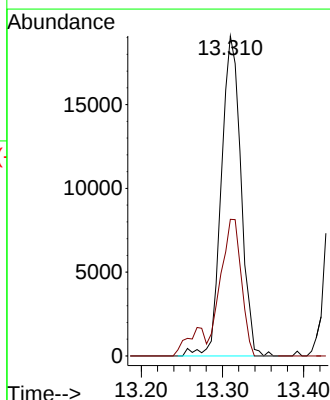
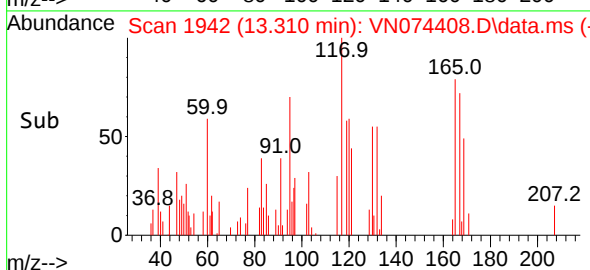
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

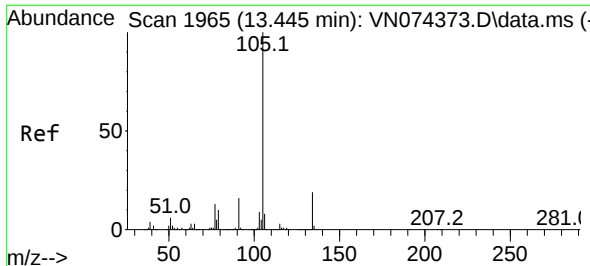


#84
1,2,4-Trimethylbenzene
Concen: 2.573 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47



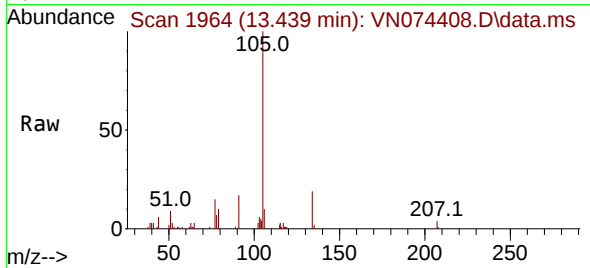
Tgt Ion:105 Resp: 32126
Ion Ratio Lower Upper
105 100
120 44.9 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 2.475 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.006 min
 Lab File: VN074408.D
 Acq: 12 Sep 2022 12:47

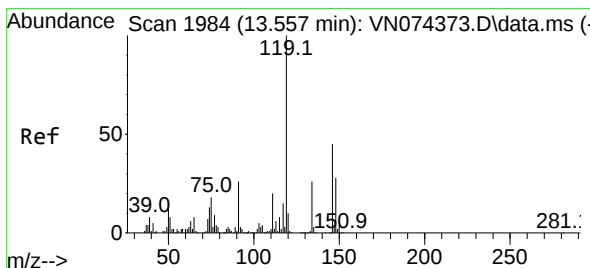
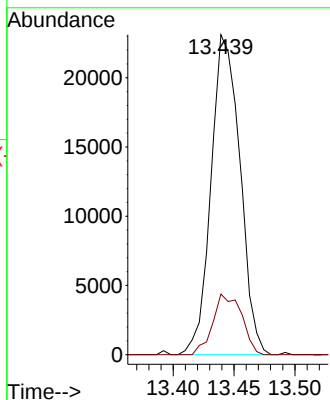
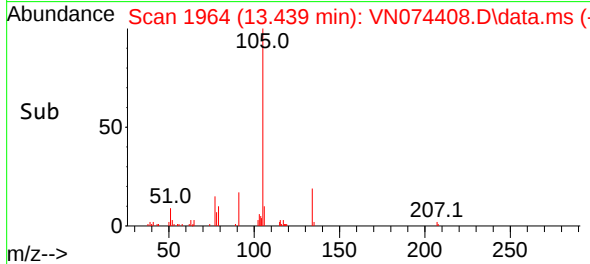
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL01



Tgt Ion:105 Resp: 3819
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.7 28.9

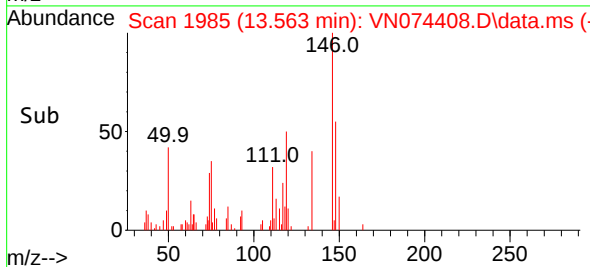
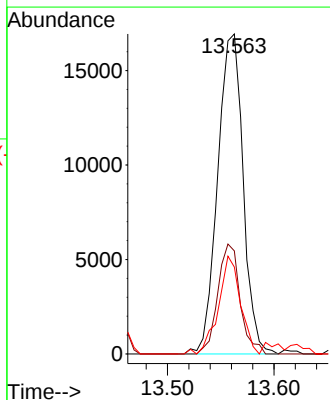
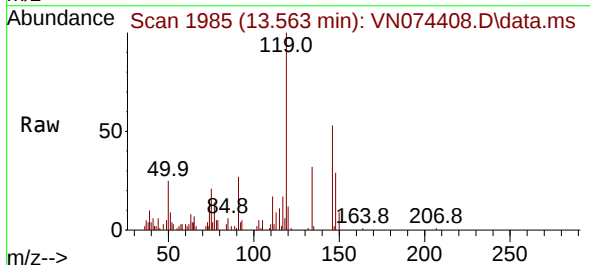
Manual Integrations
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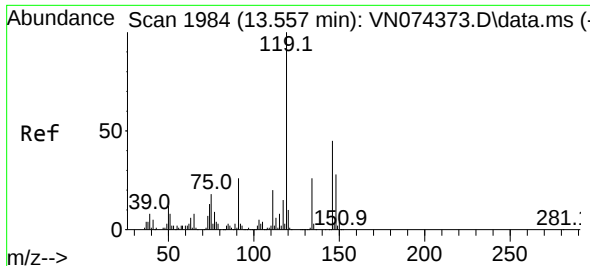
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022



#86
 p-Isopropyltoluene
 Concen: 2.271 ug/l
 RT: 13.563 min Scan# 1985
 Delta R.T. 0.006 min
 Lab File: VN074408.D
 Acq: 12 Sep 2022 12:47

Tgt Ion:119 Resp: 28054
 Ion Ratio Lower Upper
 119 100
 134 30.1 13.0 38.9
 91 26.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 2.659 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN074408.D

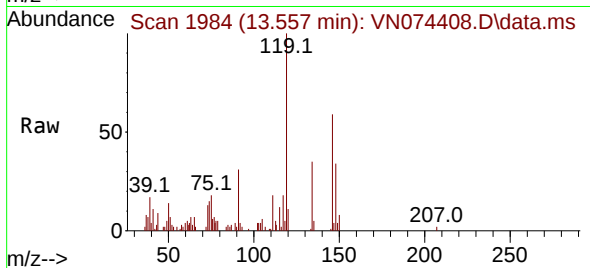
Acq: 12 Sep 2022 12:47

Instrument :

MSVOA_N

ClientSampleId :

MDL01



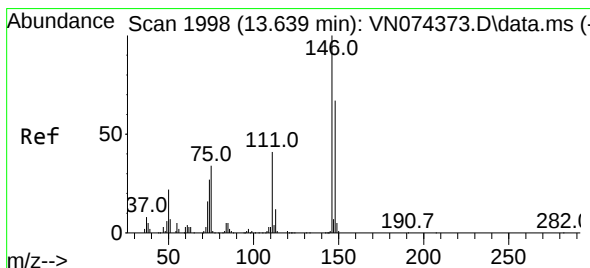
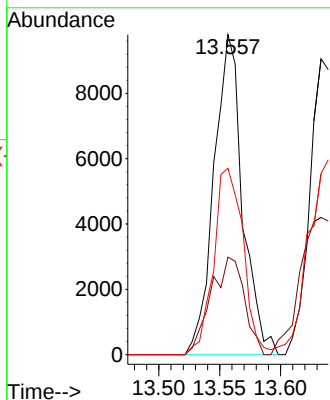
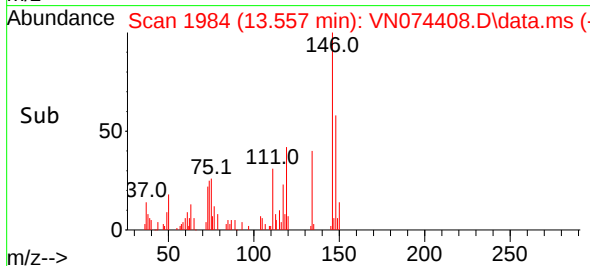
Tgt Ion:	146	Resp:	16029
Ion Ratio	Lower	Upper	
146	100		
111	35.6	21.5	64.5
148	60.1	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#88

1,4-Dichlorobenzene

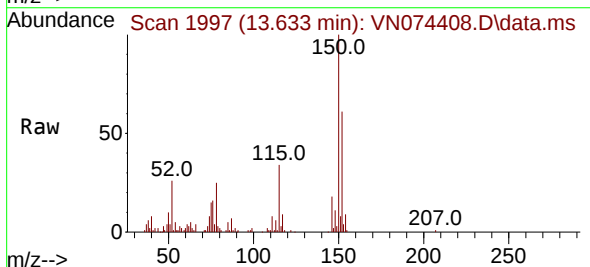
Concen: 2.570 ug/l

RT: 13.633 min Scan# 1997

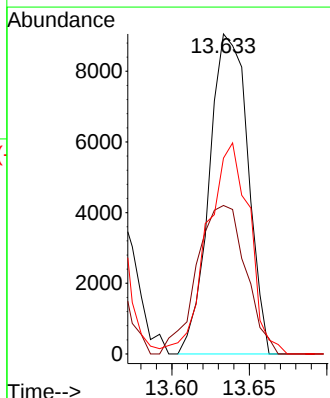
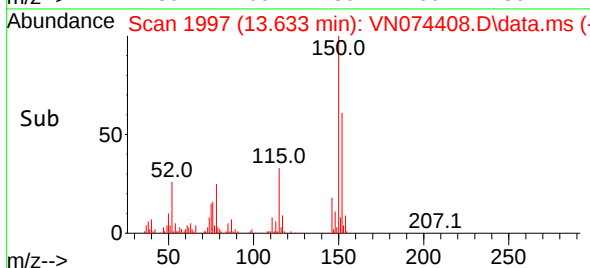
Delta R.T. -0.006 min

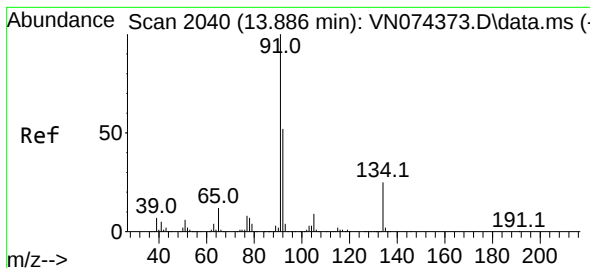
Lab File: VN074408.D

Acq: 12 Sep 2022 12:47



Tgt Ion:	146	Resp:	15646
Ion Ratio	Lower	Upper	
146	100		
111	59.1	20.8	62.2
148	72.1	32.1	96.5





#89

n-Butylbenzene

Concen: 2.289 ug/l

RT: 13.886 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VN074408.D

Acq: 12 Sep 2022 12:47

Instrument :

MSVOA_N

ClientSampleId :

MDL01

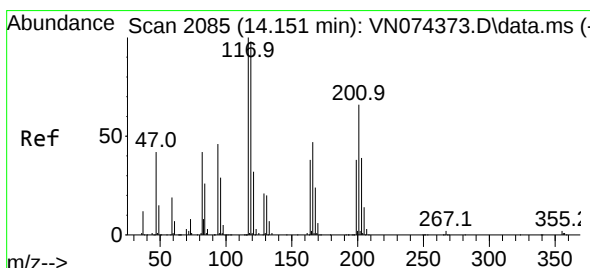
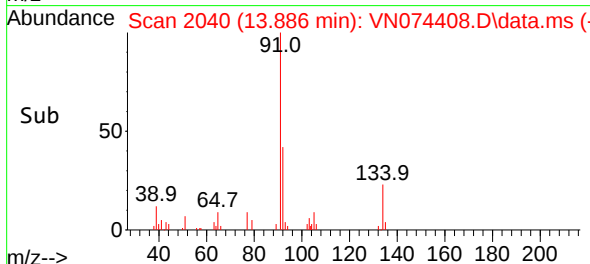
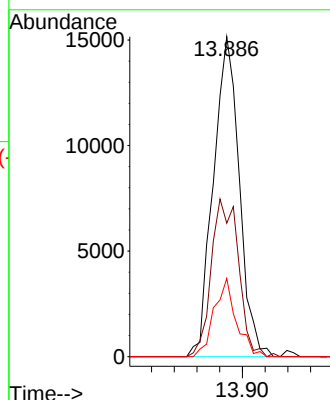
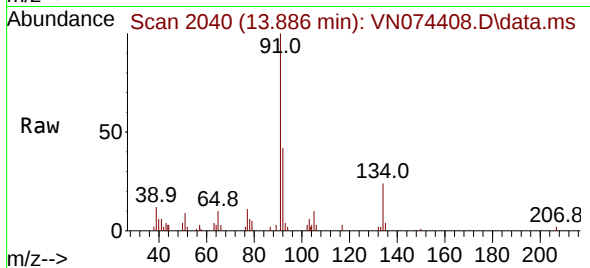
Tgt Ion:	91	Resp:	2406
Ion Ratio	Lower	Upper	
91	100		
92	51.6	25.8	77.4
134	20.9	12.4	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#90

Hexachloroethane

Concen: 2.595 ug/l

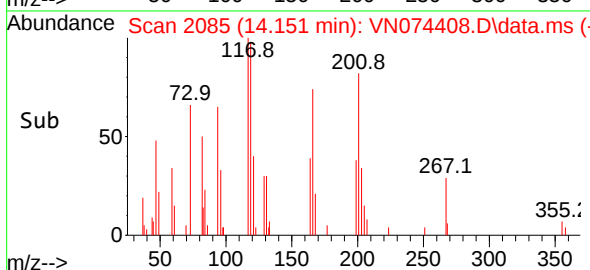
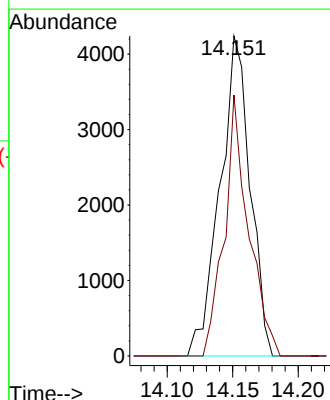
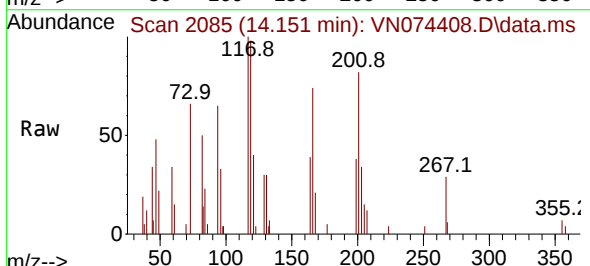
RT: 14.151 min Scan# 2085

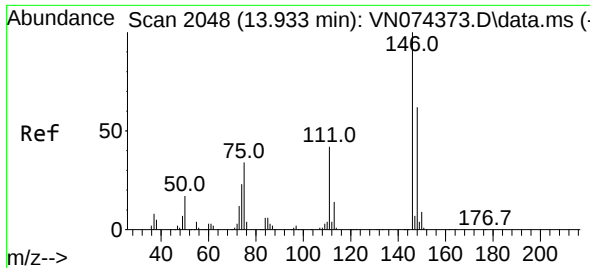
Delta R.T. 0.000 min

Lab File: VN074408.D

Acq: 12 Sep 2022 12:47

Tgt Ion:	117	Resp:	6773
Ion Ratio	Lower	Upper	
117	100		
201	65.3	32.6	98.0





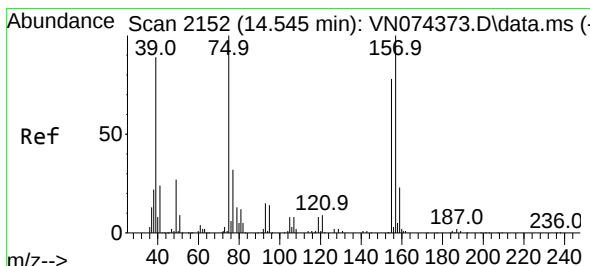
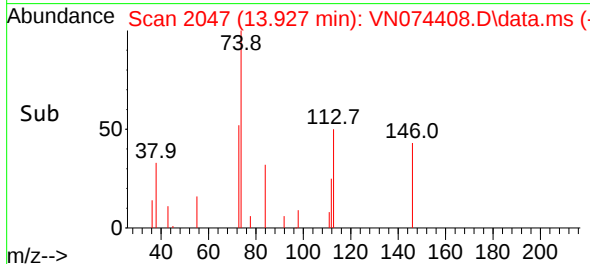
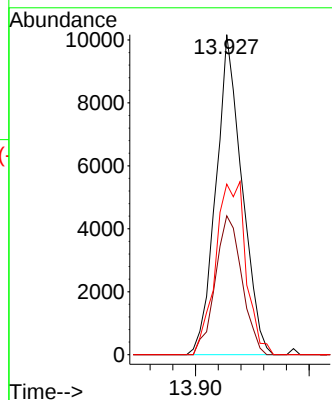
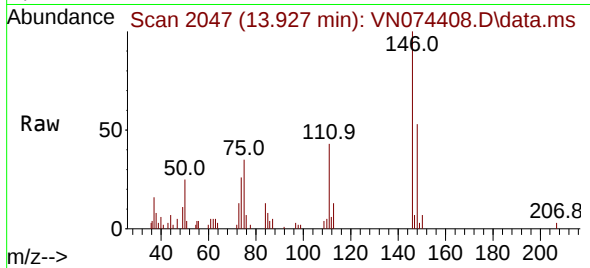
#91
1,2-Dichlorobenzene
Concen: 2.553 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. -0.006 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

Instrument :
MSVOA_N
ClientSampleId :
MDL01

Tgt Ion:146 Resp: 1618
Ion Ratio Lower Upper
146 100
111 44.3 21.9 65.7
148 62.7 31.4 94.2

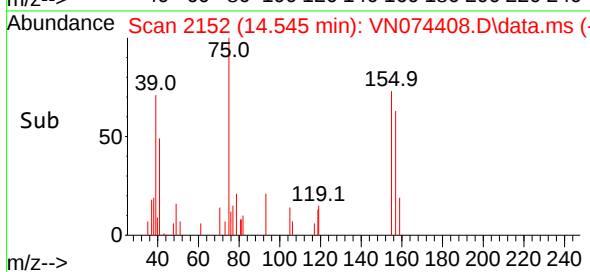
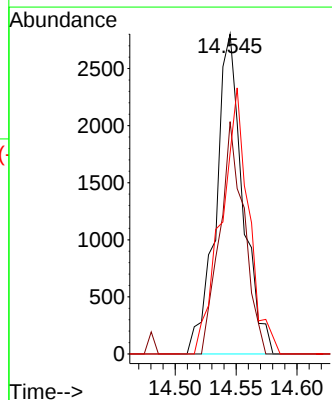
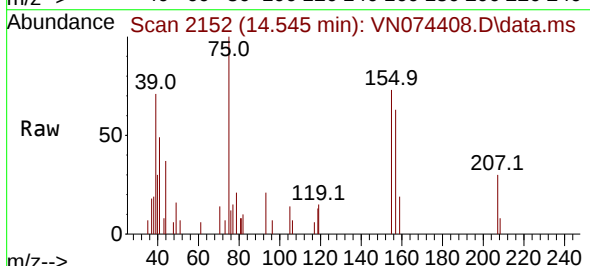
Manual Integrations
APPROVED

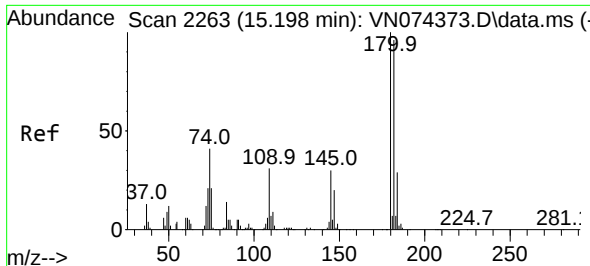
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.780 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

Tgt Ion: 75 Resp: 4319
Ion Ratio Lower Upper
75 100
155 65.6 36.6 109.9
157 85.1 46.2 138.5





#93

1,2,4-Trichlorobenzene

Concen: 2.115 ug/l

RT: 15.198 min Scan# 2263

Delta R.T. 0.000 min

Lab File: VN074408.D

Acq: 12 Sep 2022 12:47

Instrument :

MSVOA_N

ClientSampleId :

MDL01

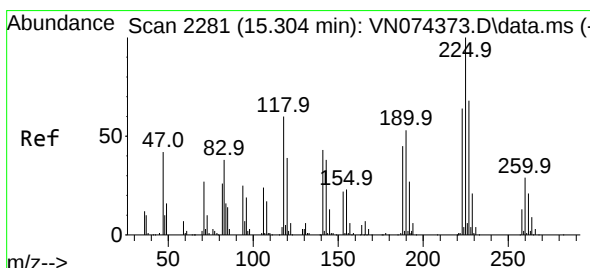
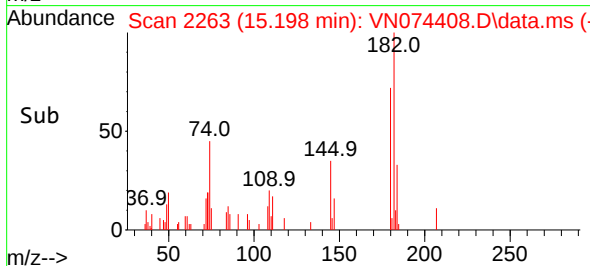
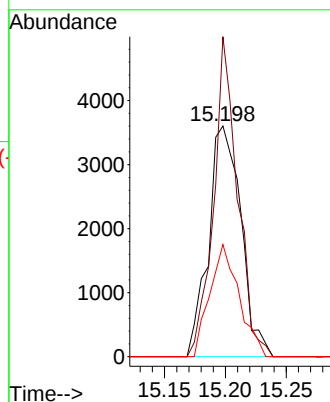
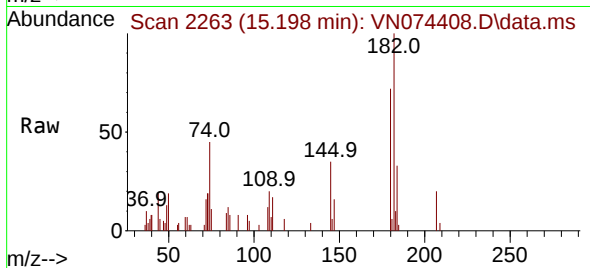
Tgt Ion:180	Resp:	6680
Ion Ratio	Lower	Upper
180	100	
182	102.6	47.4 142.2
145	43.9	16.1 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#94

Hexachlorobutadiene

Concen: 2.597 ug/l

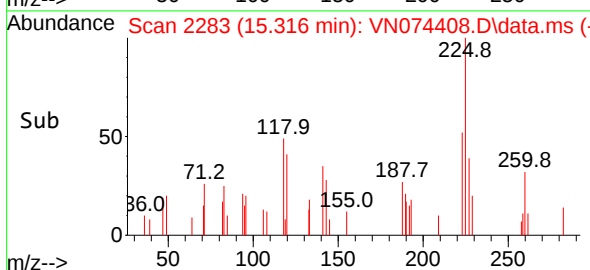
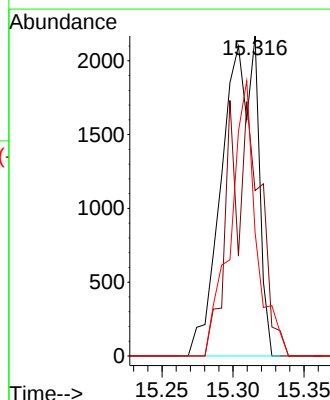
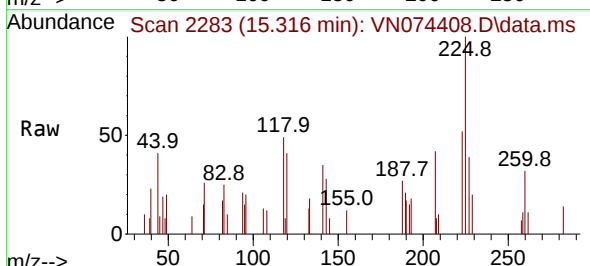
RT: 15.316 min Scan# 2283

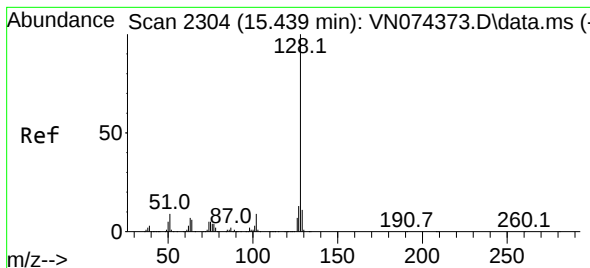
Delta R.T. 0.012 min

Lab File: VN074408.D

Acq: 12 Sep 2022 12:47

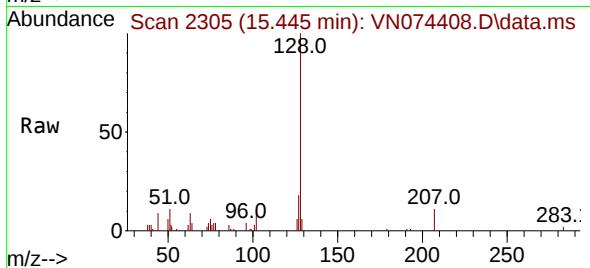
Tgt Ion:225	Resp:	3718
Ion Ratio	Lower	Upper
225	100	
223	70.5	31.6 94.8
227	63.2	31.8 95.4





#95
Naphthalene
Concen: 2.294 ug/l
RT: 15.445 min Scan# 2305
Delta R.T. 0.006 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

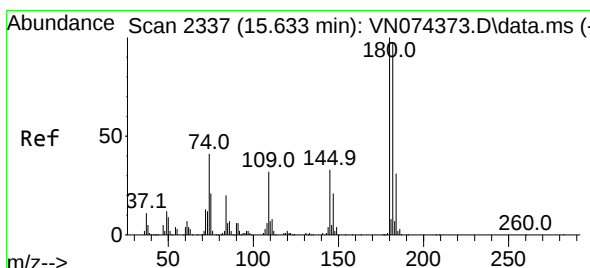
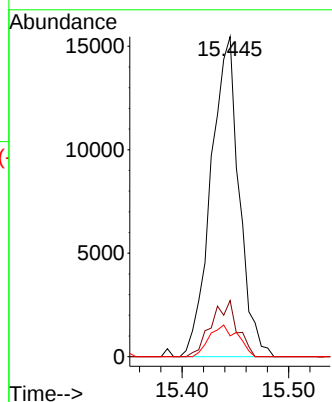
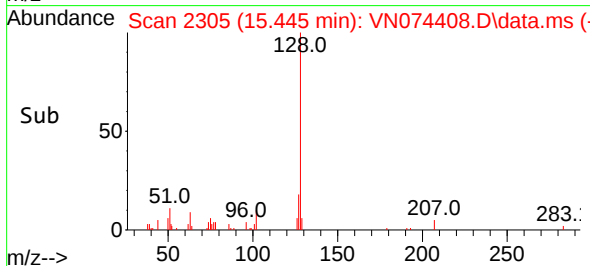
Instrument :
MSVOA_N
ClientSampleId :
MDL01



Tgt Ion:128 Resp: 2834
Ion Ratio Lower Upper
128 100
127 16.4 10.6 16.0
129 9.9 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: 2.681 ug/l
RT: 15.633 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VN074408.D
Acq: 12 Sep 2022 12:47

Tgt Ion:180 Resp: 8764
Ion Ratio Lower Upper
180 100
182 86.1 47.6 142.8
145 28.7 17.3 52.0

