

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112322\
 Data File : VN075390.D
 Acq On : 23 Nov 2022 12:48
 Operator : JC\MD
 Sample : VN1123MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/25/2022
 Supervised By : Mahesh Dadoda 11/28/2022

Quant Time: Nov 23 13:05:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	143097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	243191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	220461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	42512	55.345	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.700%			
35) Dibromofluoromethane	8.171	113	51419	53.823	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.640%			
50) Toluene-d8	10.571	98	115813	53.824	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.640%			
62) 4-Bromofluorobenzene	12.853	95	87009	54.786	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	21492	19.642	ug/l	93
3) Chloromethane	2.371	50	24809	18.222	ug/l	97
4) Vinyl Chloride	2.524	62	33740	19.663	ug/l	96
5) Bromomethane	2.942	94	28981	19.206	ug/l	99
6) Chloroethane	3.118	64	25907	21.018	ug/l	92
7) Trichlorofluoromethane	3.506	101	48125	19.632	ug/l	95
8) Diethyl Ether	3.977	74	18649	21.706	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.389	101	27769	20.761	ug/l	94
10) Methyl Iodide	4.594	142	43829	19.987	ug/l	97
11) Tert butyl alcohol	5.536	59	32937	102.146	ug/l	97
12) 1,1-Dichloroethene	4.353	96	25879	19.529	ug/l	99
13) Acrolein	4.189	56	29288	104.262	ug/l	97
14) Allyl chloride	5.036	41	31396	18.316	ug/l	95
15) Acrylonitrile	5.736	53	77557	104.837	ug/l	98
16) Acetone	4.436	43	65228	91.041	ug/l	93
17) Carbon Disulfide	4.724	76	63521	18.445	ug/l	99
18) Methyl Acetate	5.036	43	40957	21.949	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	95255	20.292	ug/l	98
20) Methylene Chloride	5.289	84	32896	21.924	ug/l	89
21) trans-1,2-Dichloroethene	5.788	96	29418	19.479	ug/l	93
22) Diisopropyl ether	6.683	45	80258	20.518	ug/l	99
23) Vinyl Acetate	6.612	43	318787m	102.441	ug/l	
24) 1,1-Dichloroethane	6.583	63	50127	19.965	ug/l	97
25) 2-Butanone	7.488	43	101922	101.893	ug/l	99
26) 2,2-Dichloropropane	7.494	77	44722	19.166	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	36430	21.333	ug/l	91
28) Bromochloromethane	7.818	49	21525	21.121	ug/l	87
29) Tetrahydrofuran	7.847	42	66409	109.146	ug/l	98
30) Chloroform	7.971	83	56941	19.749	ug/l	94
31) Cyclohexane	8.259	56	46481	19.046	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	52744	20.147	ug/l	97
36) 1,1-Dichloropropene	8.377	75	41021	19.690	ug/l	97
37) Ethyl Acetate	7.565	43	40382	21.527	ug/l	99
38) Carbon Tetrachloride	8.365	117	46115	20.150	ug/l	95
39) Methylcyclohexane	9.606	83	51835	19.880	ug/l	96
40) Benzene	8.612	78	127096	19.925	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	20802	21.690	ug/l	99
42) 1,2-Dichloroethane	8.677	62	42715	19.995	ug/l	97
43) Isopropyl Acetate	8.694	43	63383	21.050	ug/l	98
44) Trichloroethene	9.353	130	34799	19.938	ug/l	93
45) 1,2-Dichloropropane	9.624	63	29949	19.702	ug/l	94
46) Dibromomethane	9.706	93	24105	20.966	ug/l	93
47) Bromodichloromethane	9.888	83	44867	20.151	ug/l	96
48) Methyl methacrylate	9.682	41	28438	20.425	ug/l	96
49) 1,4-Dioxane	9.700	88	17020	430.501	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	200971	104.791	ug/l	97
52) Toluene	10.629	92	84323	20.514	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	43886	19.634	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	49807	20.516	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	34108	20.373	ug/l	95
56) Ethyl methacrylate	10.876	69	47568	21.039	ug/l	96
57) 1,3-Dichloropropane	11.165	76	54494	19.963	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	90020	110.398	ug/l	97
59) 2-Hexanone	11.194	43	150081	104.216	ug/l	97
60) Dibromochloromethane	11.365	129	36645	21.325	ug/l	100
61) 1,2-Dibromoethane	11.470	107	34551	19.884	ug/l	99
64) Tetrachloroethene	11.106	164	32277	19.172	ug/l	88
65) Chlorobenzene	11.894	112	91424	20.080	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	34015	20.018	ug/l	98
67) Ethyl Benzene	11.965	91	155964	20.079	ug/l	99
68) m/p-Xylenes	12.070	106	127479	40.414	ug/l	99
69) o-Xylene	12.400	106	61531	19.633	ug/l	99
70) Styrene	12.412	104	99764	20.179	ug/l	99
71) Bromoform	12.576	173	25998	20.103	ug/l #	98
73) Isopropylbenzene	12.700	105	163482	20.060	ug/l	98
74) N-amyl acetate	12.494	43	51639	20.611	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	50216	20.211	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	39053m	18.517	ug/l	
77) Bromobenzene	12.982	156	39373	19.570	ug/l	90
78) n-propylbenzene	13.035	91	184290	20.263	ug/l	99
79) 2-Chlorotoluene	13.129	91	110976	20.251	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	139147	20.551	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	14413	20.220	ug/l	95
82) 4-Chlorotoluene	13.129	91	110976	20.251	ug/l	97
83) tert-Butylbenzene	13.441	119	122209	19.796	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	138429	20.383	ug/l	98
85) sec-Butylbenzene	13.617	105	172600	20.606	ug/l	98
86) p-Isopropyltoluene	13.729	119	145695	20.673	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	75658	19.847	ug/l	96
88) 1,4-Dichlorobenzene	13.811	146	77397	19.987	ug/l	99
89) n-Butylbenzene	14.059	91	118342	19.882	ug/l	99
90) Hexachloroethane	14.335	117	24253	19.948	ug/l	87
91) 1,2-Dichlorobenzene	14.106	146	76528	20.595	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10115	21.491	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	37898	19.902	ug/l	98
94) Hexachlorobutadiene	15.500	225	19788	19.950	ug/l	98
95) Naphthalene	15.641	128	123852	20.674	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	36261	19.375	ug/l	97

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

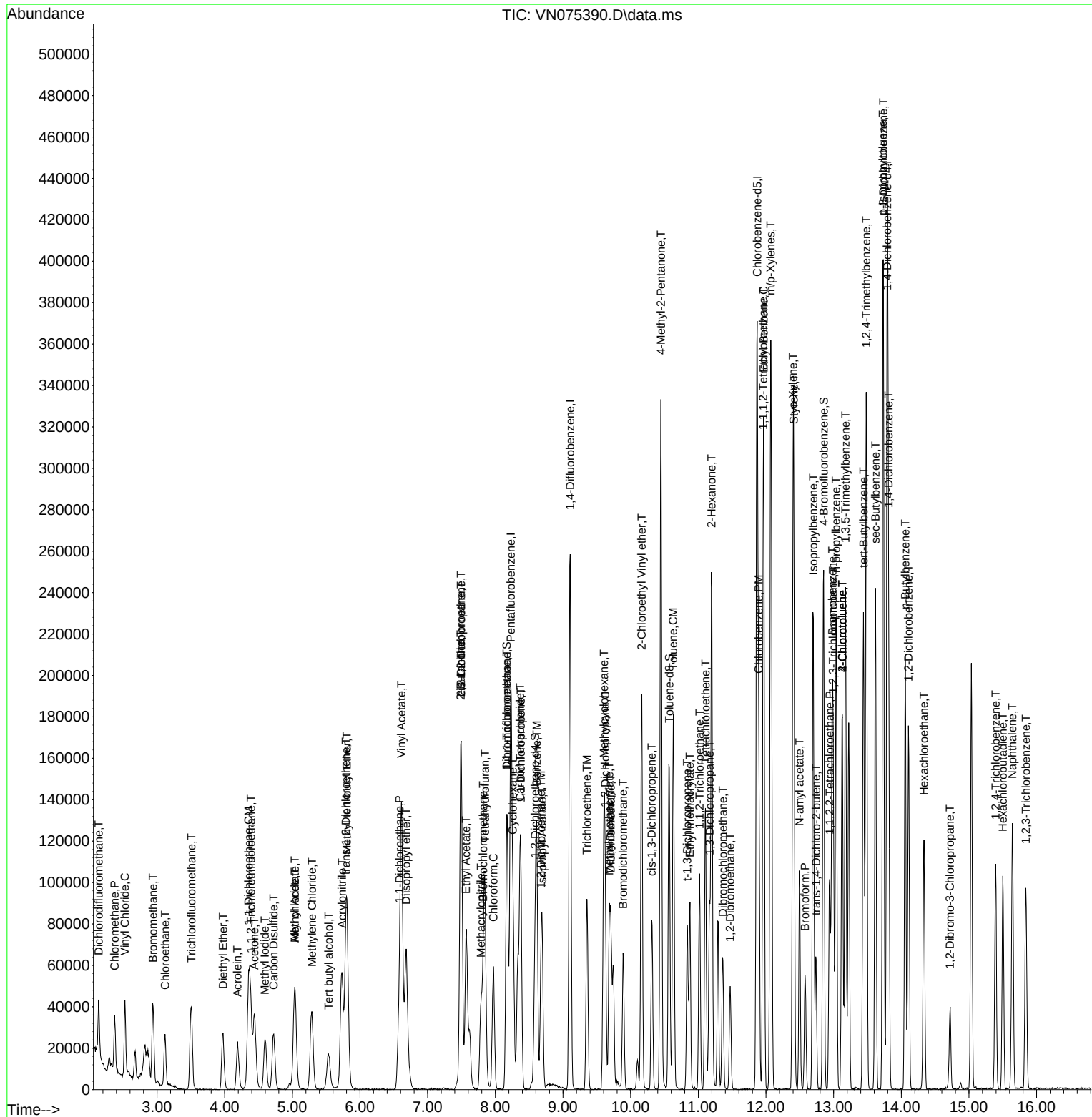
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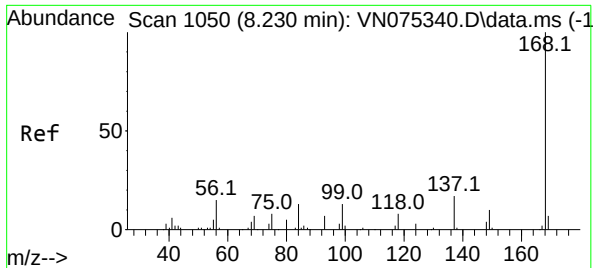
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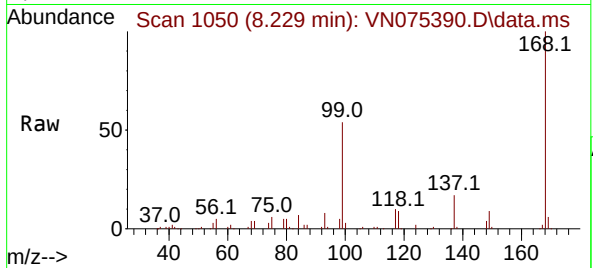
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
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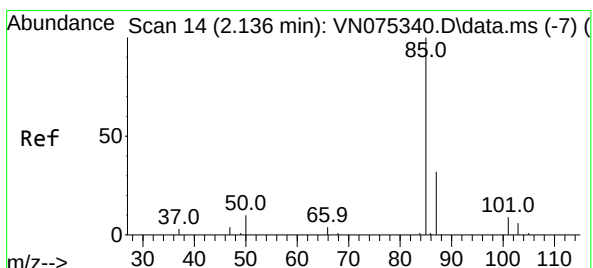
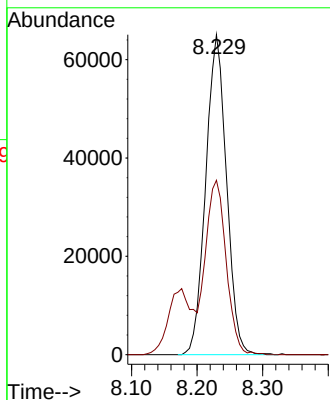
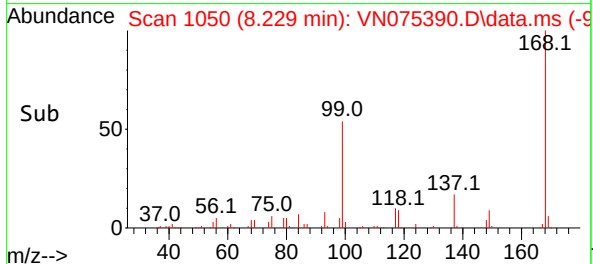
Instrument :
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Tgt Ion:168 Resp: 14309
Ion Ratio Lower Upper
168 100
99 54.5 51.6 77.4

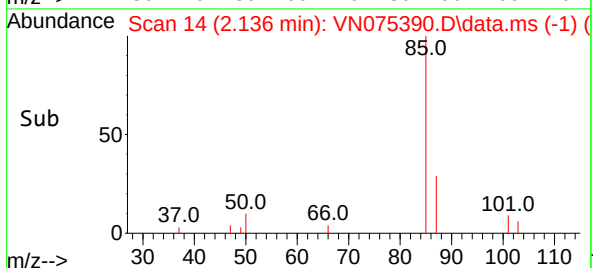
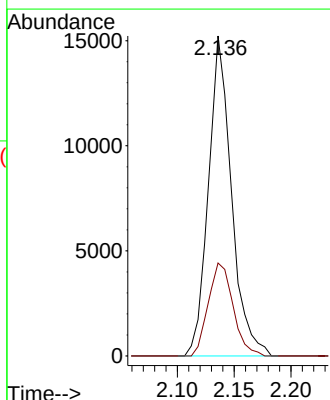
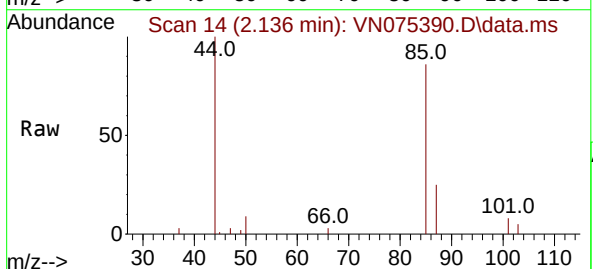
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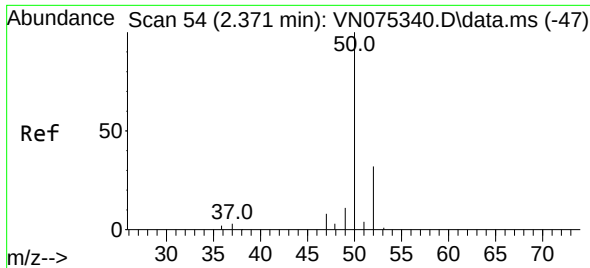
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#2
Dichlorodifluoromethane
Concen: 19.642 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075390.D
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Tgt Ion: 85 Resp: 21492
Ion Ratio Lower Upper
85 100
87 29.1 16.7 50.0





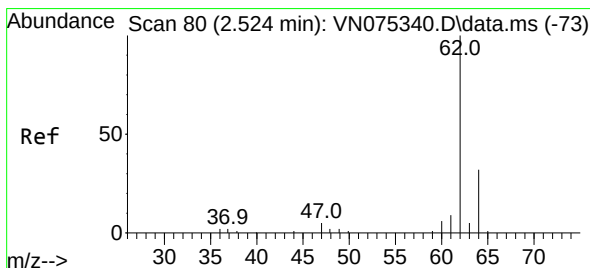
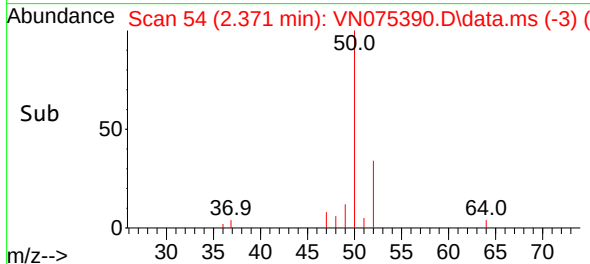
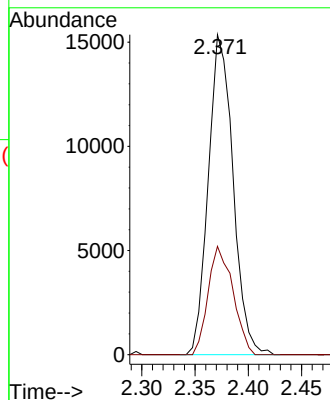
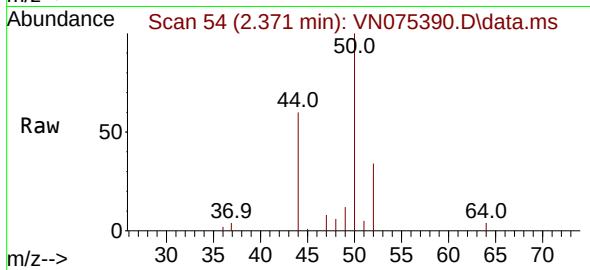
#3
Chloromethane
Concen: 18.222 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075390.D
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Tgt Ion: 50 Resp: 24809
Ion Ratio Lower Upper
50 100
52 33.8 25.8 38.6

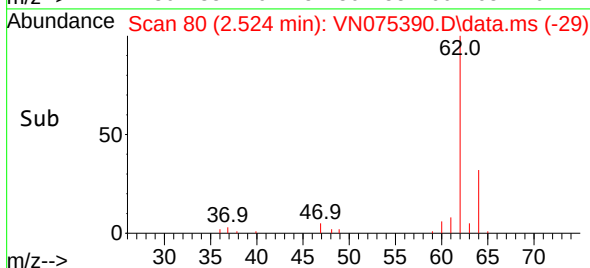
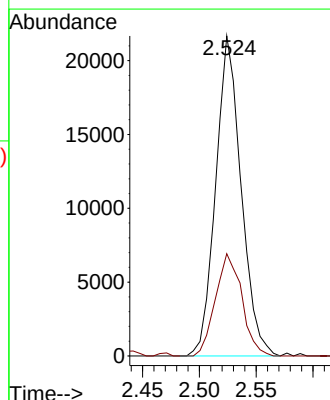
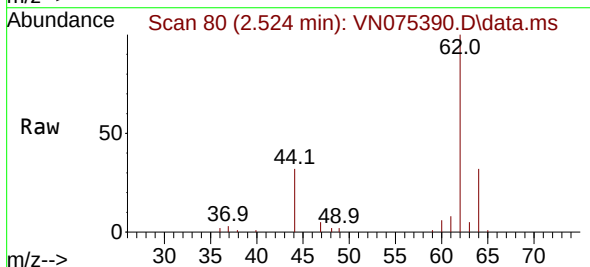
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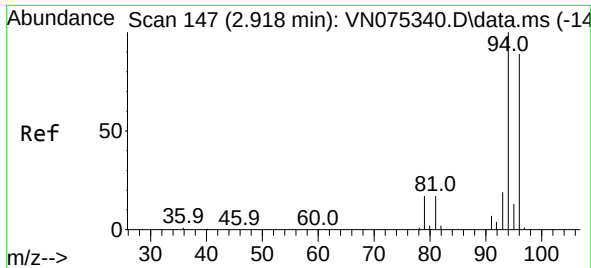
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#4
Vinyl Chloride
Concen: 19.663 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Tgt Ion: 62 Resp: 33740
Ion Ratio Lower Upper
62 100
64 31.9 24.0 36.0





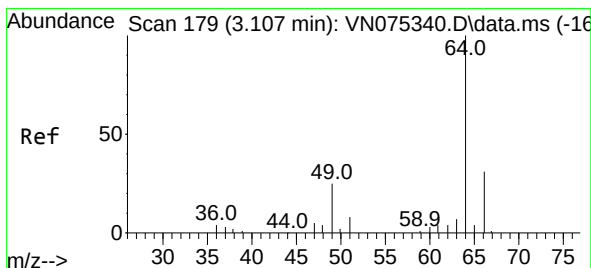
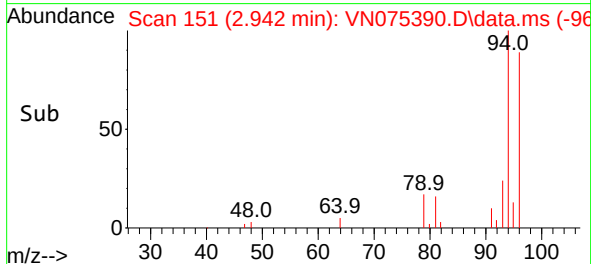
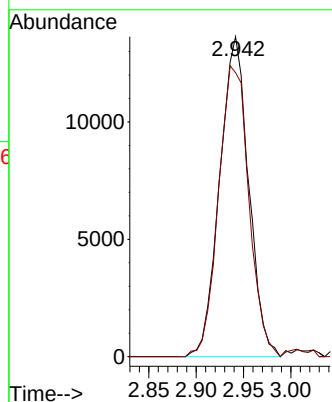
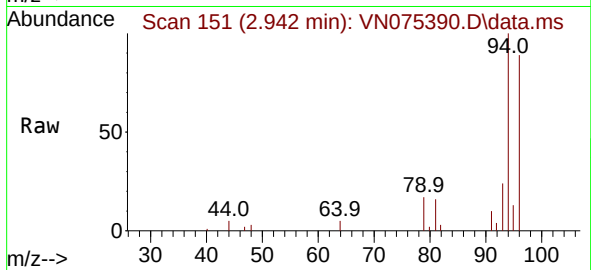
#5
Bromomethane
Concen: 19.206 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN075390.D
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Tgt Ion: 94 Resp: 2898
Ion Ratio Lower Upper
94 100
96 88.7 71.8 107.6

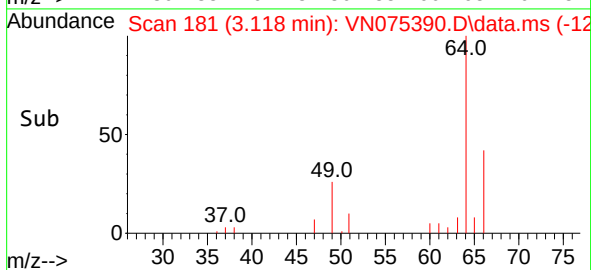
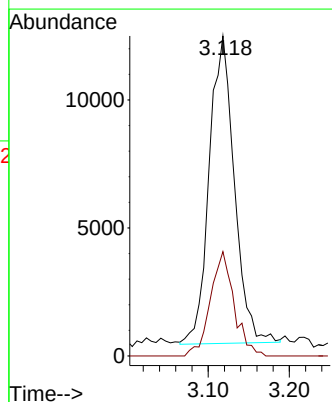
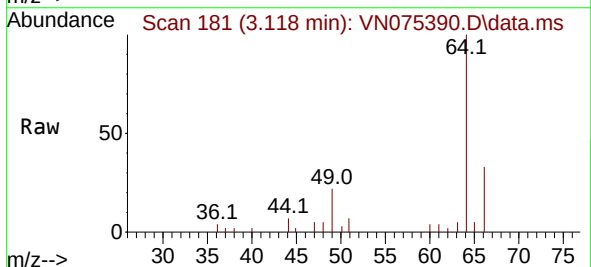
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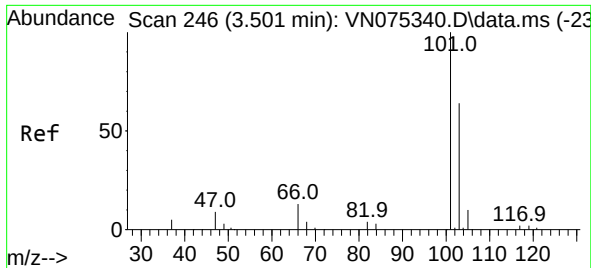
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#6
Chloroethane
Concen: 21.018 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.011 min
Lab File: VN075390.D
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Tgt Ion: 64 Resp: 25907
Ion Ratio Lower Upper
64 100
66 34.1 23.8 35.8





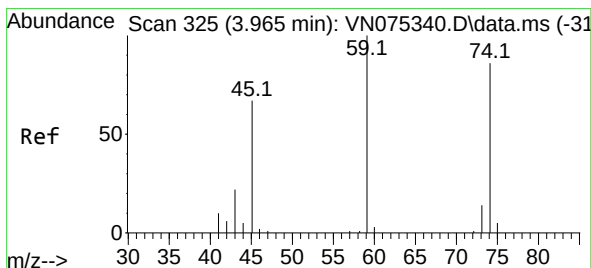
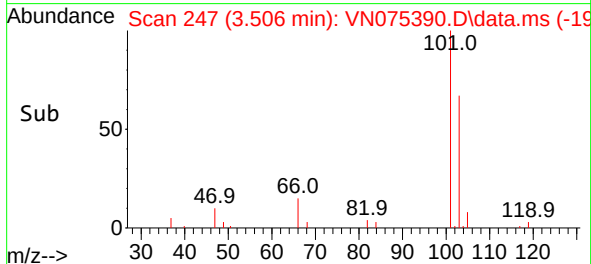
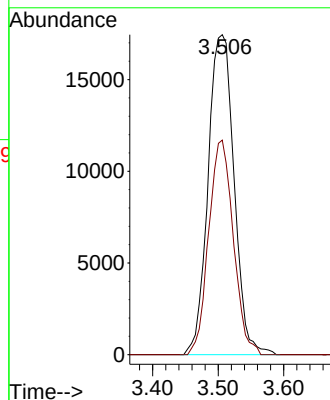
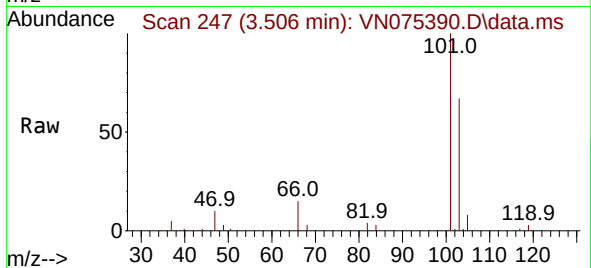
#7
 Trichlorofluoromethane
 Concen: 19.632 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.005 min
 Lab File: VN075390.D
 Acq: 23 Nov 2022 12:48

Instrument :
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Tgt Ion:101 Resp: 4812
 Ion Ratio Lower Upper
 101 100
 103 67.1 50.5 75.7

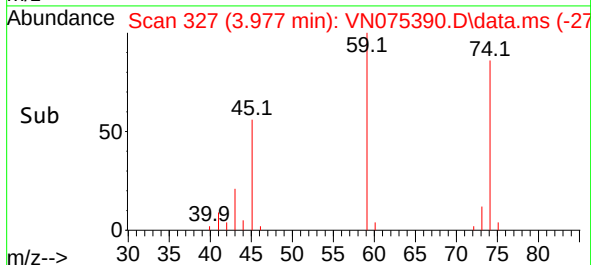
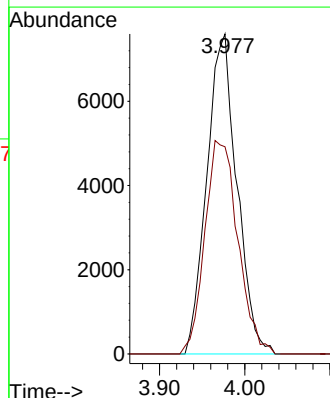
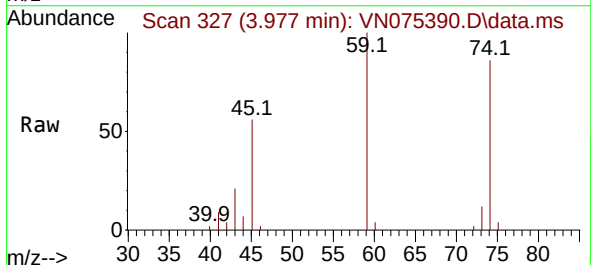
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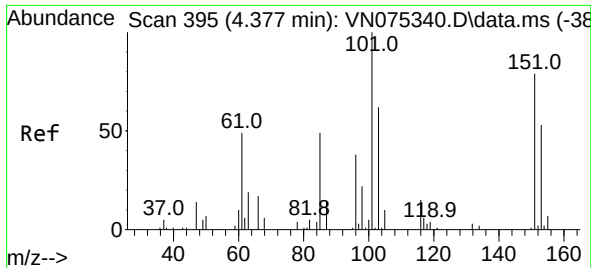
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#8
 Diethyl Ether
 Concen: 21.706 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.012 min
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 Acq: 23 Nov 2022 12:48

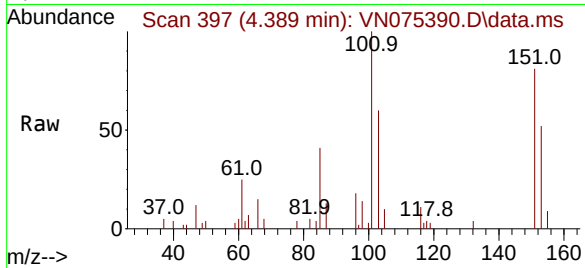
Tgt Ion: 74 Resp: 18649
 Ion Ratio Lower Upper
 74 100
 45 73.1 39.3 117.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.761 ug/l
RT: 4.389 min Scan# 397
Delta R.T. 0.012 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

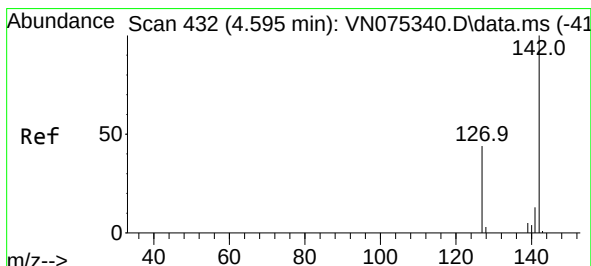
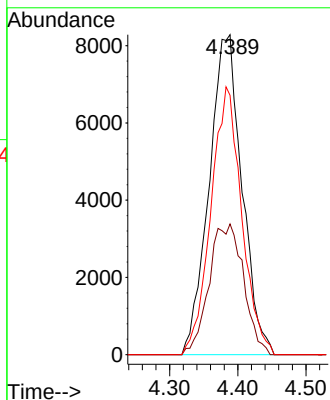
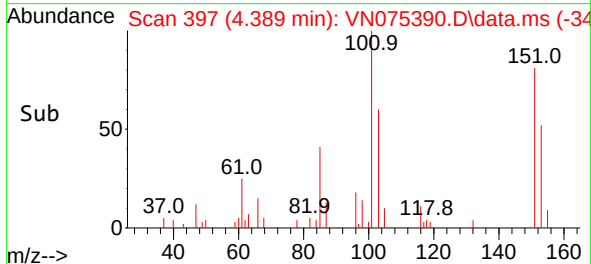
Instrument :
MSVOA_N
ClientSampleId :
VN1123MBS01



Tgt Ion:101 Resp: 27769
Ion Ratio Lower Upper
101 100
85 42.9 37.6 56.4
151 78.5 58.3 87.5

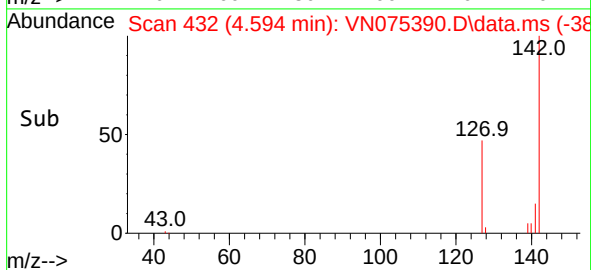
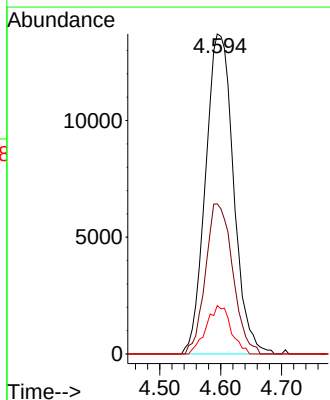
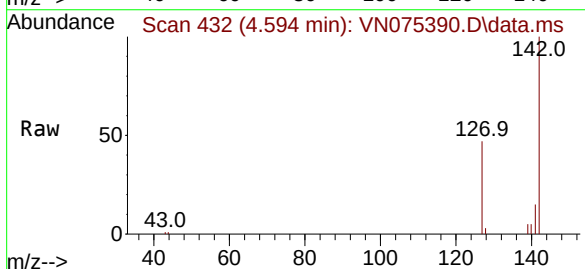
Manual Integrations
APPROVED

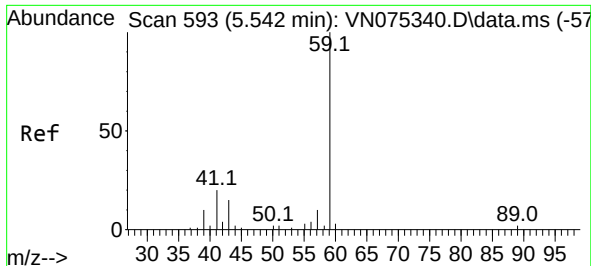
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#10
Methyl Iodide
Concen: 19.987 ug/l
RT: 4.594 min Scan# 432
Delta R.T. -0.001 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Tgt Ion:142 Resp: 43829
Ion Ratio Lower Upper
142 100
127 45.6 38.0 57.0
141 13.3 12.2 18.4





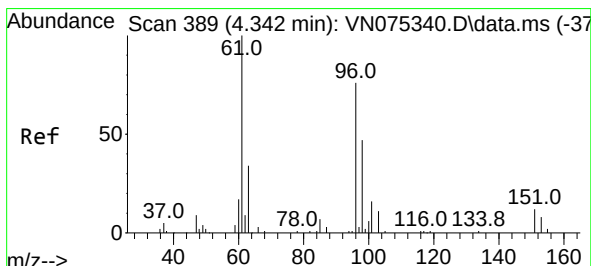
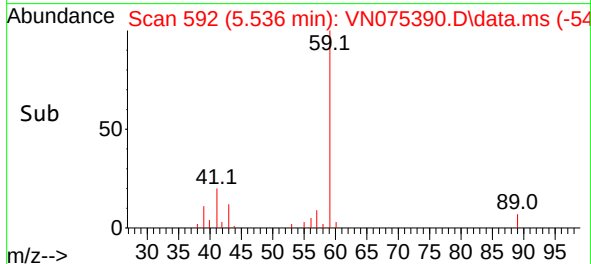
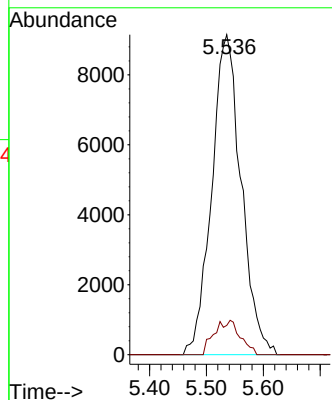
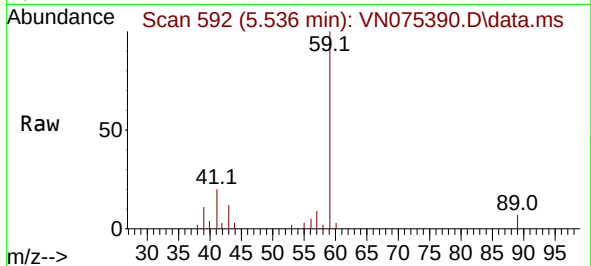
#11
Tert butyl alcohol
Concen: 102.146 ug/l
RT: 5.536 min Scan# 593
Delta R.T. -0.006 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1123MBS01

Tgt Ion: 59 Resp: 3293
Ion Ratio Lower Upper
59 100
57 9.5 8.5 12.7

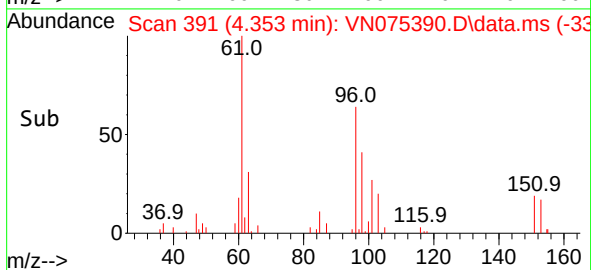
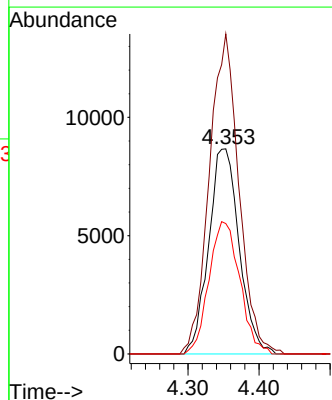
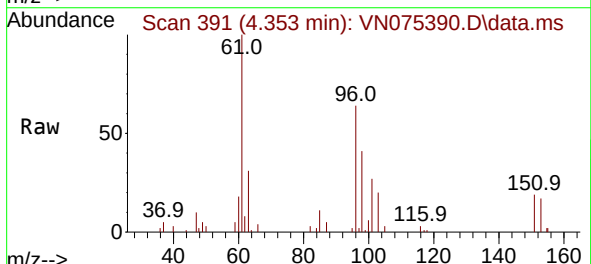
Manual Integrations
APPROVED

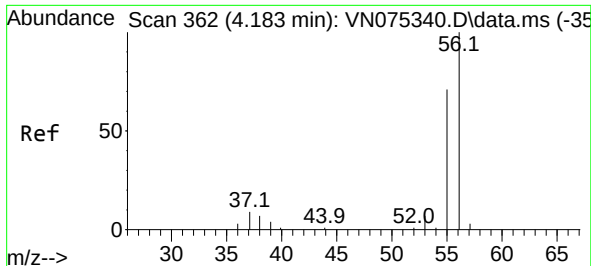
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#12
1,1-Dichloroethene
Concen: 19.529 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.011 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Tgt Ion: 96 Resp: 25879
Ion Ratio Lower Upper
96 100
61 156.1 126.2 189.4
98 63.6 51.5 77.3





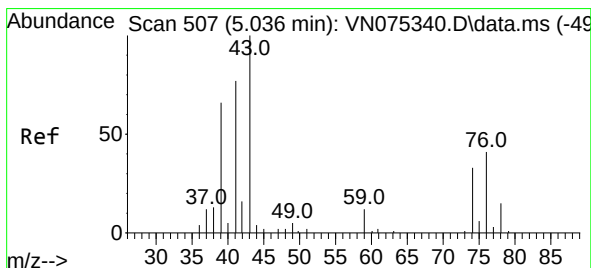
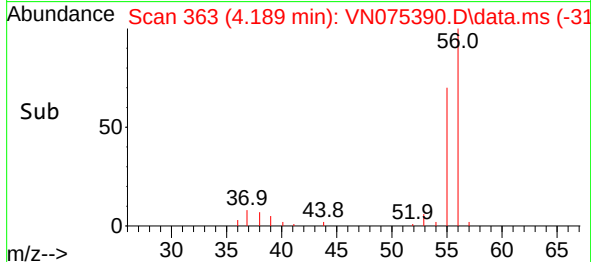
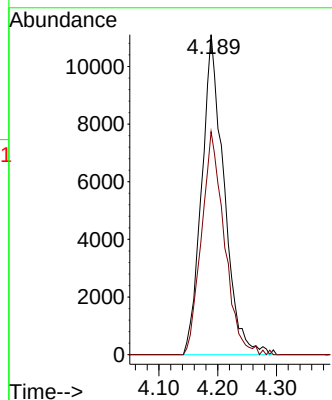
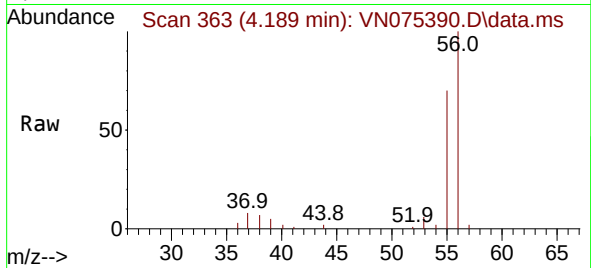
#13
Acrolein
Concen: 104.262 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1123MBSD01

Tgt Ion: 56 Resp: 2928
Ion Ratio Lower Upper
56 100
55 71.4 55.2 82.8

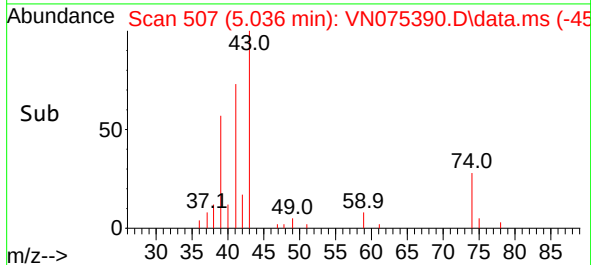
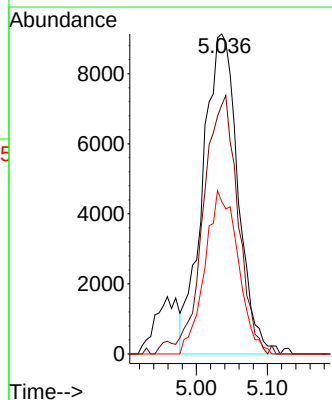
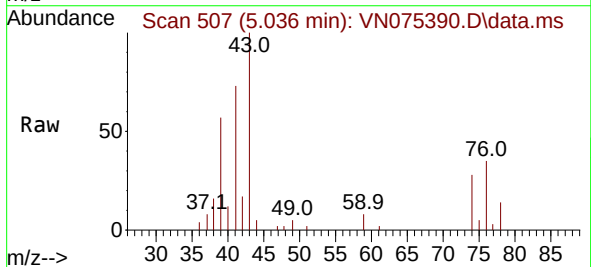
Manual Integrations
APPROVED

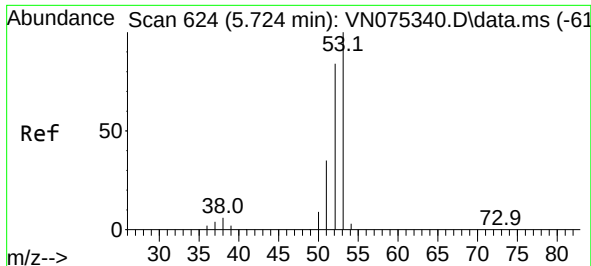
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#14
Allyl chloride
Concen: 18.316 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Tgt Ion: 41 Resp: 31396
Ion Ratio Lower Upper
41 100
39 78.0 61.0 91.4
76 48.3 33.4 50.0





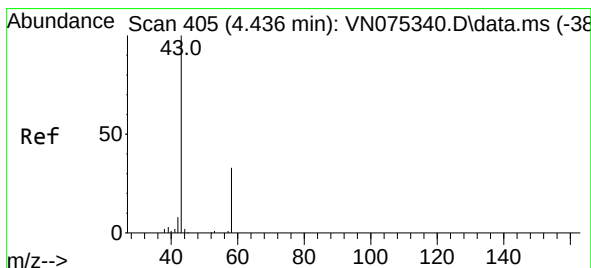
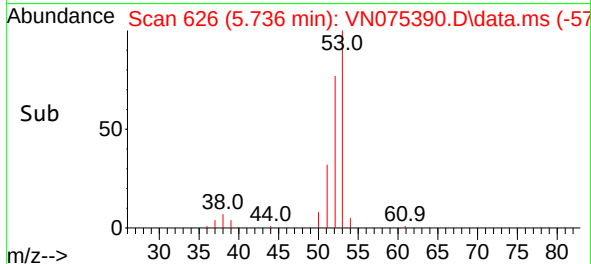
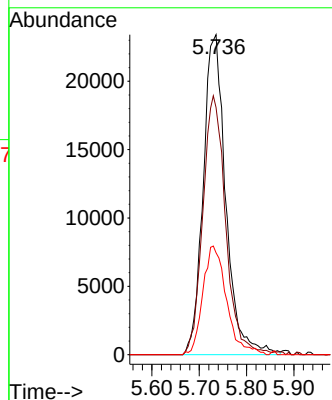
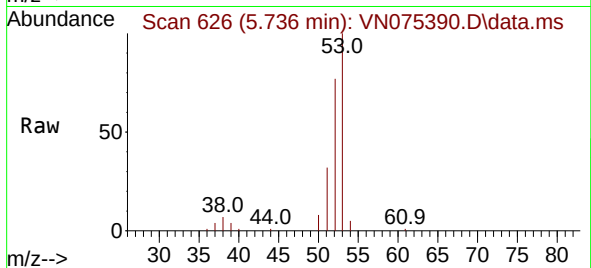
#15
Acrylonitrile
Concen: 104.837 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1123MBSD01

Tgt Ion: 53 Resp: 7755
Ion Ratio Lower Upper
53 100
52 81.7 66.4 99.6
51 35.7 29.6 44.4

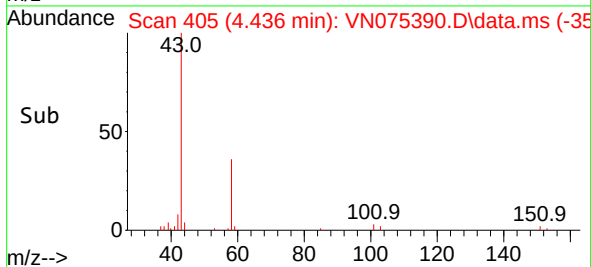
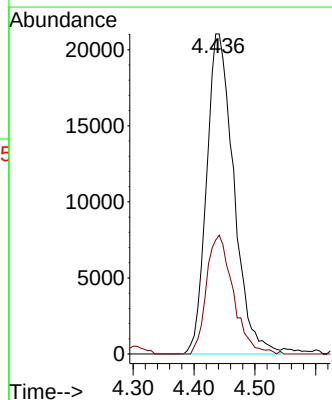
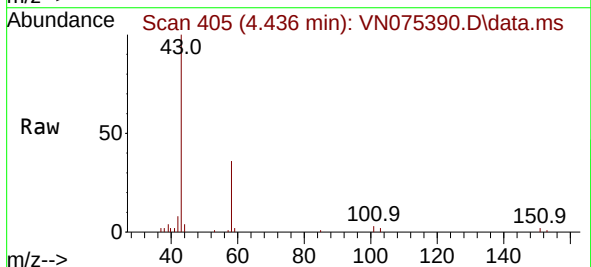
Manual Integrations
APPROVED

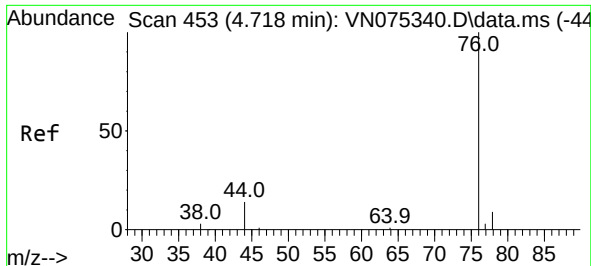
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#16
Acetone
Concen: 91.041 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Tgt Ion: 43 Resp: 65228
Ion Ratio Lower Upper
43 100
58 35.6 25.5 38.3





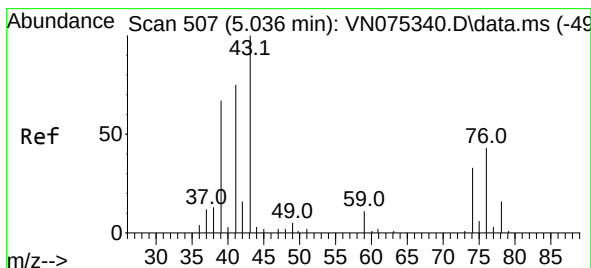
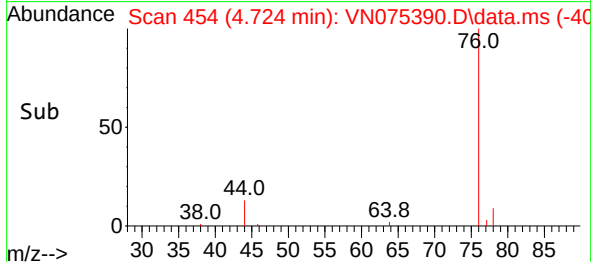
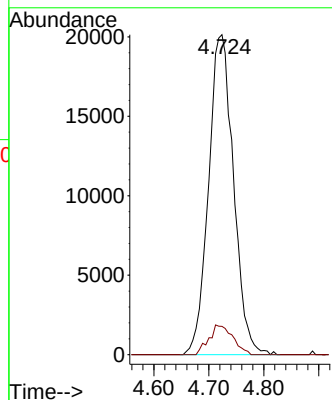
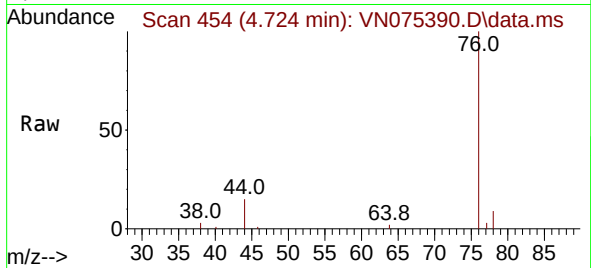
#17
Carbon Disulfide
Concen: 18.445 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1123MBSD01

Tgt Ion: 76 Resp: 6352
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

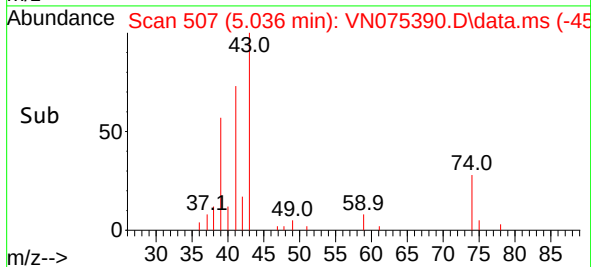
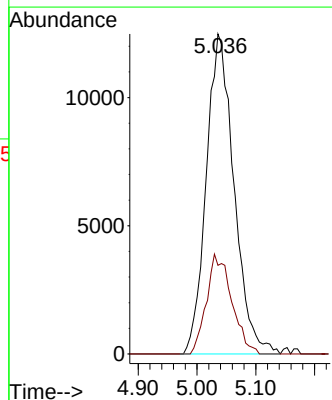
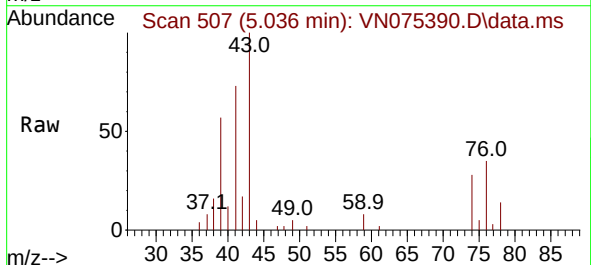
Manual Integrations
APPROVED

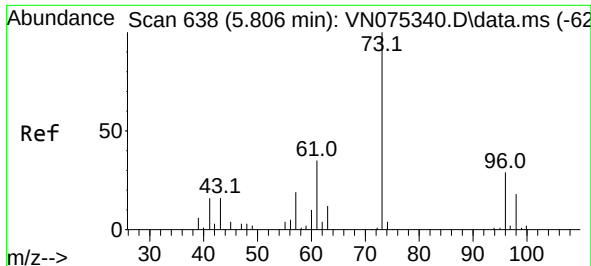
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#18
Methyl Acetate
Concen: 21.949 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Tgt Ion: 43 Resp: 40957
Ion Ratio Lower Upper
43 100
74 28.3 22.0 33.0





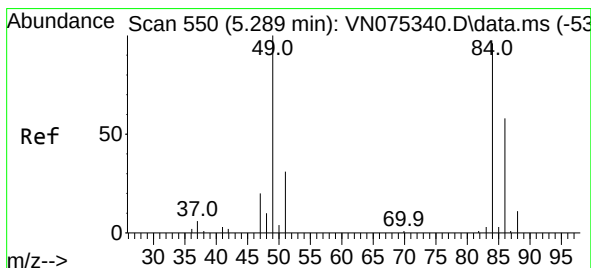
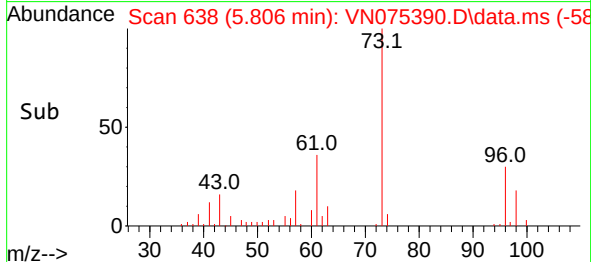
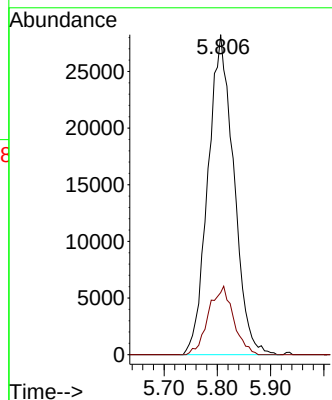
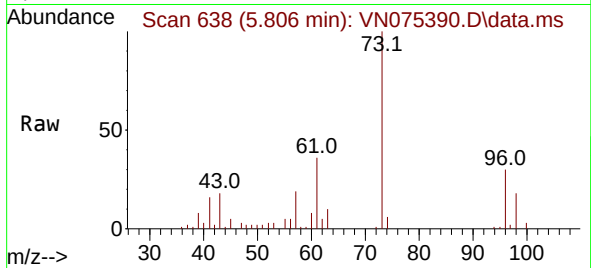
#19
Methyl tert-butyl Ether
Concen: 20.292 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1123MBS01

Tgt Ion: 73 Resp: 9525
Ion Ratio Lower Upper
73 100
57 19.4 16.3 24.5

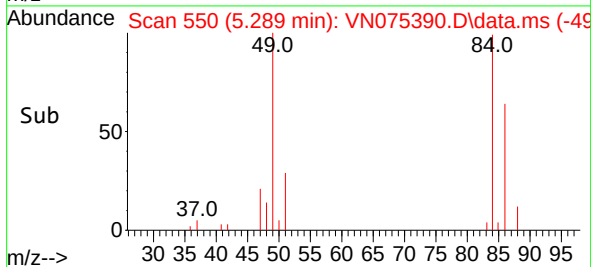
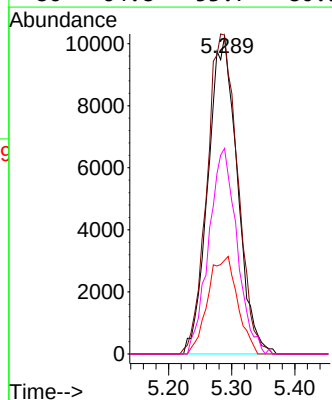
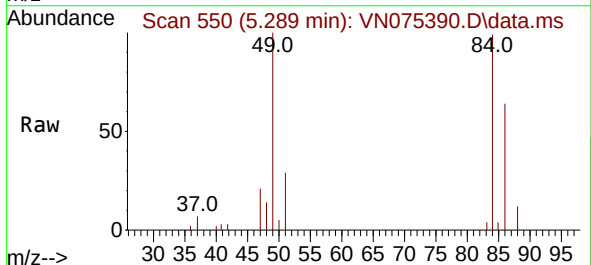
Manual Integrations
APPROVED

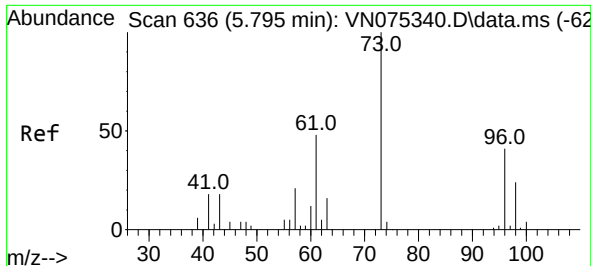
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#20
Methylene Chloride
Concen: 21.924 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Tgt Ion: 84 Resp: 32896
Ion Ratio Lower Upper
84 100
49 100.5 94.9 142.3
51 29.5 26.8 40.2
86 64.8 53.7 80.5





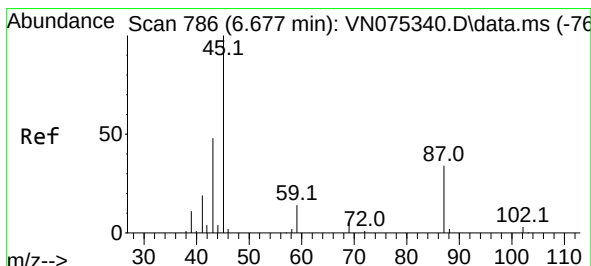
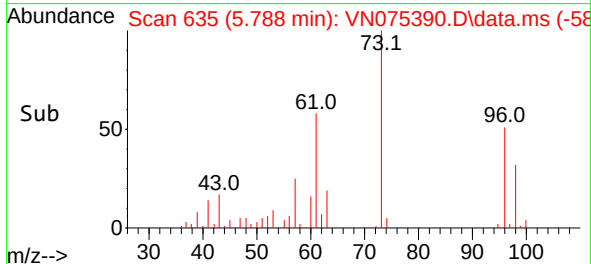
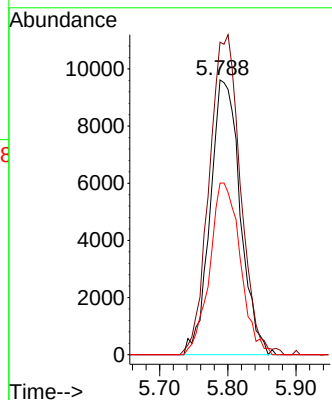
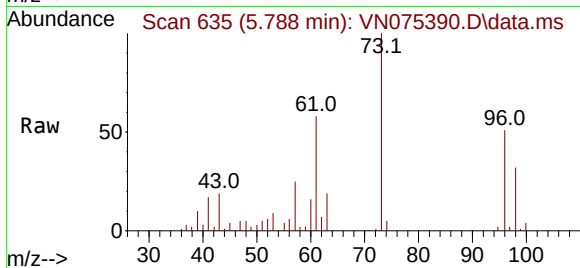
#21
trans-1,2-Dichloroethene
Concen: 19.479 ug/l
RT: 5.788 min Scan# 611
Delta R.T. -0.007 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1123MBS01

Tgt Ion: 96 Resp: 29418
Ion Ratio Lower Upper
96 100
61 113.7 99.9 149.9
98 62.4 51.5 77.3

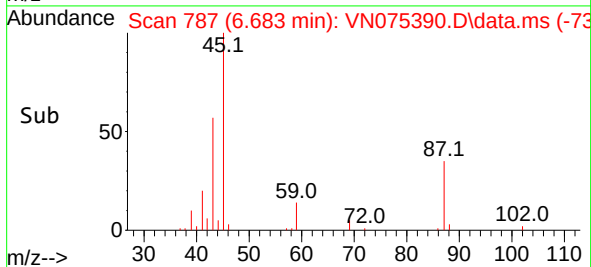
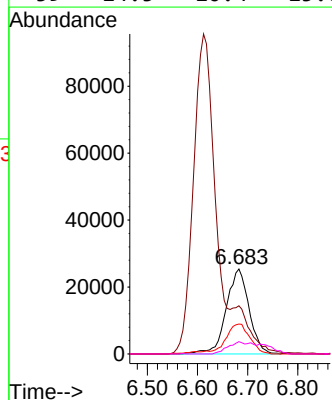
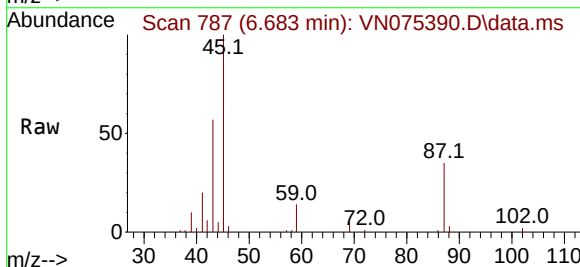
Manual Integrations
APPROVED

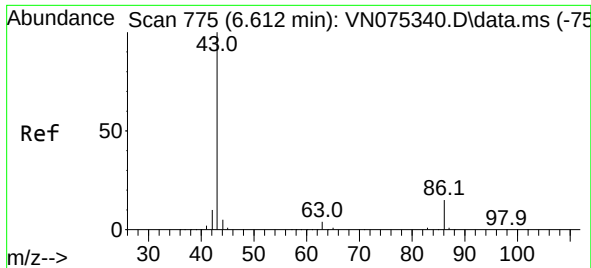
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#22
Diisopropyl ether
Concen: 20.518 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Tgt Ion: 45 Resp: 80258
Ion Ratio Lower Upper
45 100
43 54.4 42.8 64.2
87 35.2 28.4 42.6
59 14.5 10.4 15.6





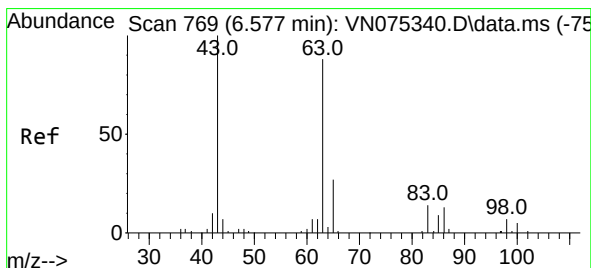
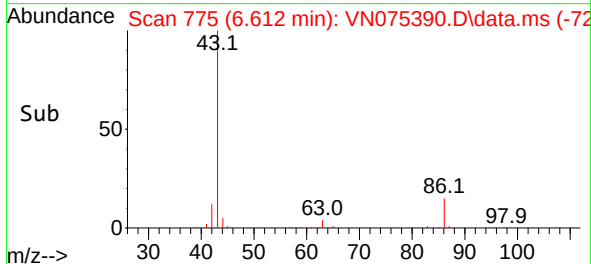
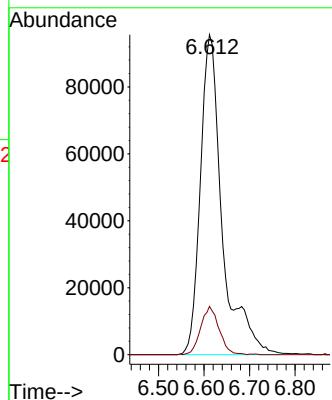
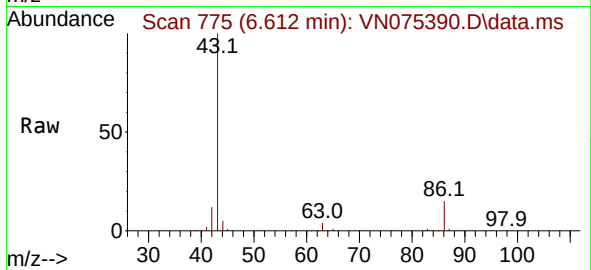
#23
 Vinyl Acetate
 Concen: 102.441 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075390.D
 Acq: 23 Nov 2022 12:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123MBSD01

Tgt Ion: 43 Resp: 31878
 Ion Ratio Lower Upper
 43 100
 86 15.1 10.7 16.1

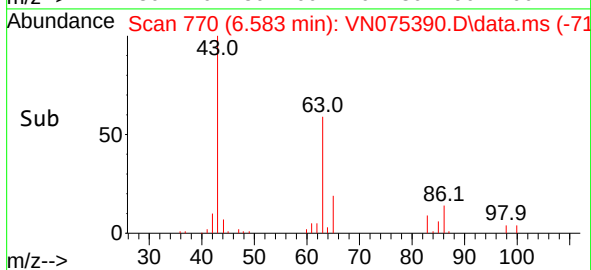
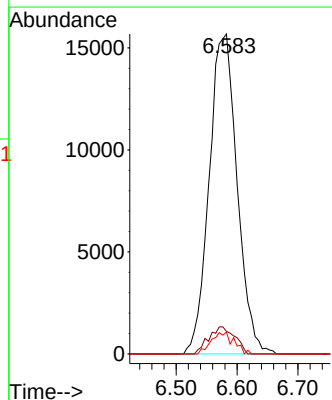
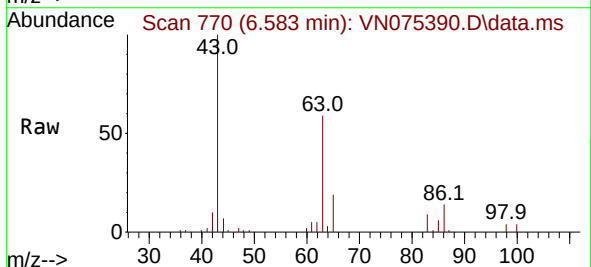
Manual Integrations
 APPROVED

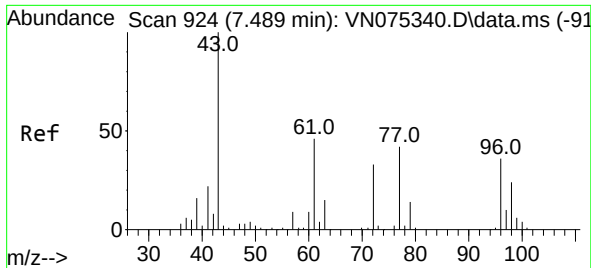
Reviewed By :John Carlone 11/25/2022
 Supervised By :Mahesh Dadoda 11/28/2022



#24
 1,1-Dichloroethane
 Concen: 19.965 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075390.D
 Acq: 23 Nov 2022 12:48

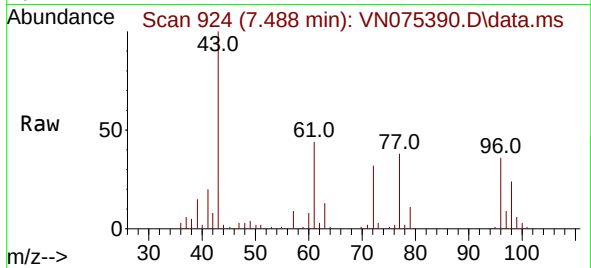
Tgt Ion: 63 Resp: 50127
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 6.9 2.4 7.2





#25
2-Butanone
Concen: 101.893 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.001 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

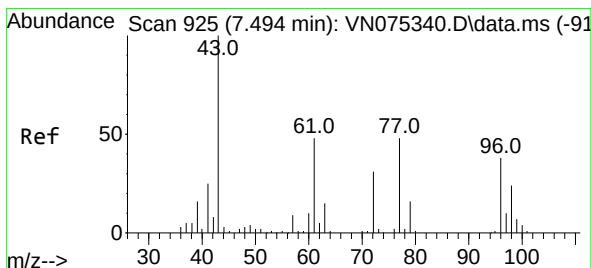
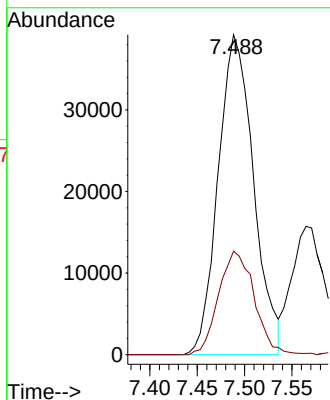
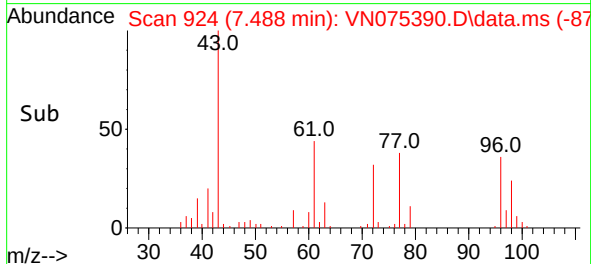
Instrument :
MSVOA_N
ClientSampleId :
VN1123MBSD01



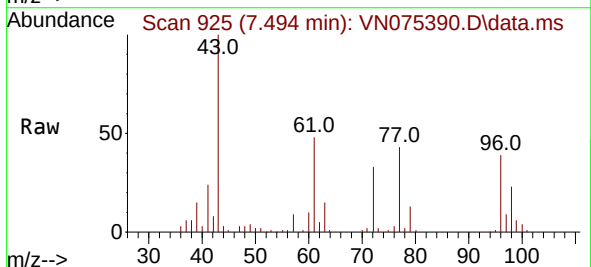
Tgt Ion: 43 Resp: 10192
Ion Ratio Lower Upper
43 100
72 32.3 25.5 38.3

Manual Integrations
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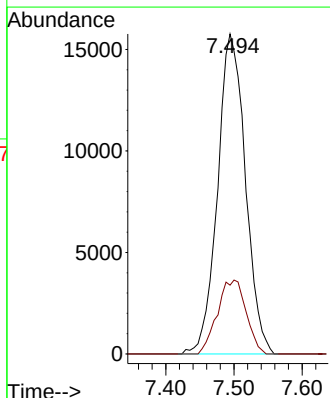
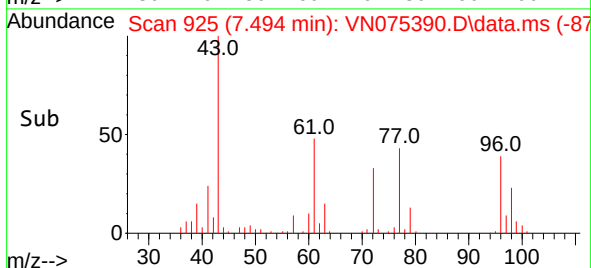
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

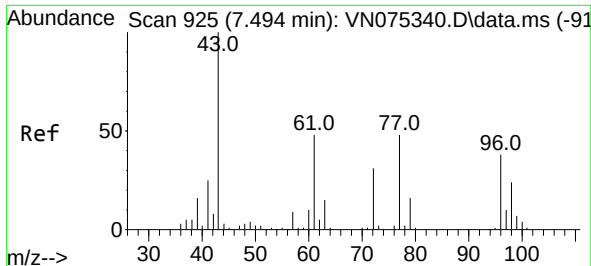


#26
2,2-Dichloropropane
Concen: 19.166 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48



Tgt Ion: 77 Resp: 44722
Ion Ratio Lower Upper
77 100
97 23.8 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 21.333 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075390.D

Acq: 23 Nov 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN1123MBSD01

Tgt Ion: 96 Resp: 36430

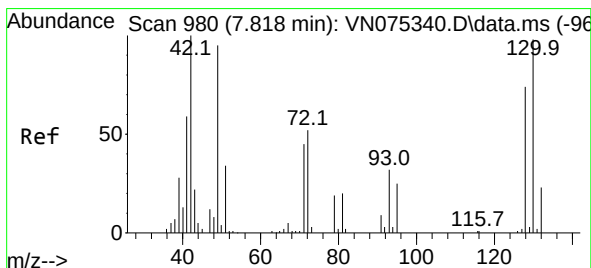
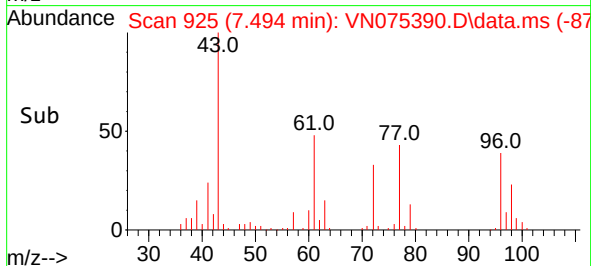
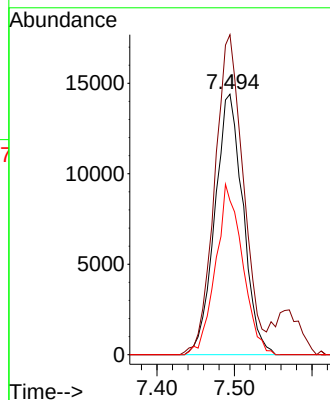
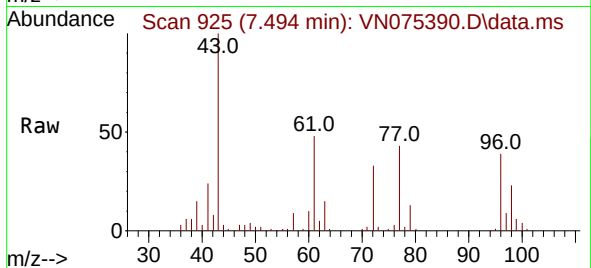
Ion	Ratio	Lower	Upper
96	100		
61	125.3	0.0	278.8
98	62.6	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#28

Bromochloromethane

Concen: 21.121 ug/l

RT: 7.818 min Scan# 980

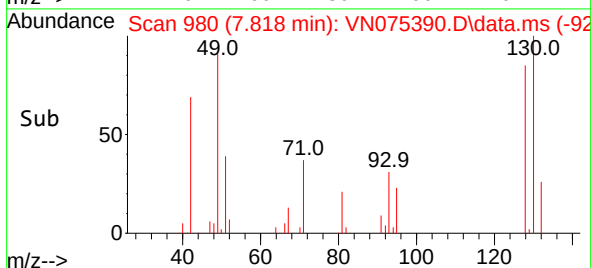
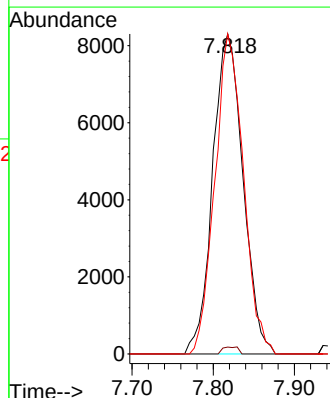
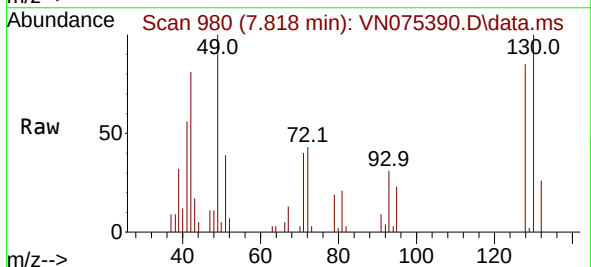
Delta R.T. -0.000 min

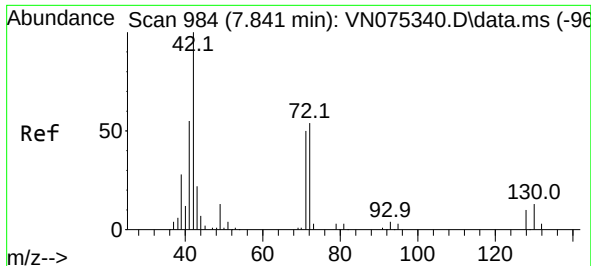
Lab File: VN075390.D

Acq: 23 Nov 2022 12:48

Tgt Ion: 49 Resp: 21525

Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.6
130	94.5	66.2	99.4





#29

Tetrahydrofuran

Concen: 109.146 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN075390.D

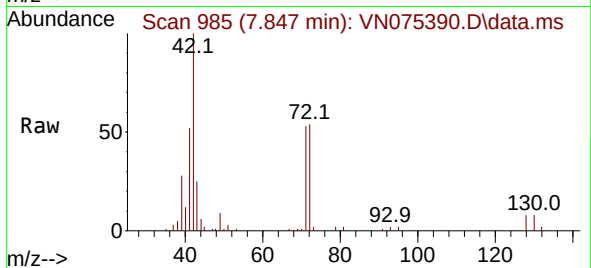
Acq: 23 Nov 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN1123MBSD01



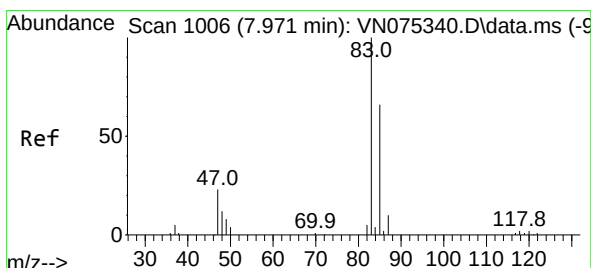
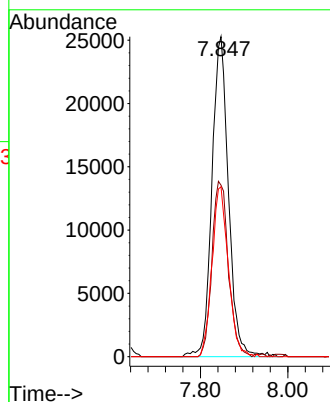
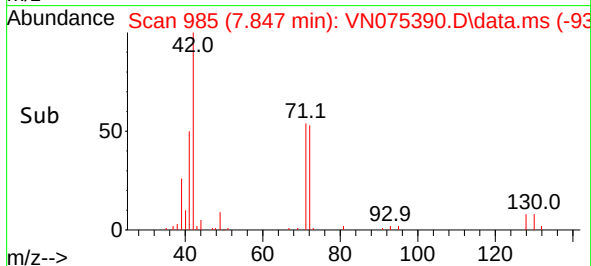
Tgt Ion:	42	Resp:	66409
Ion Ratio	Lower	Upper	
42	100		
72	54.5	43.0	64.6
71	52.3	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#30

Chloroform

Concen: 19.749 ug/l

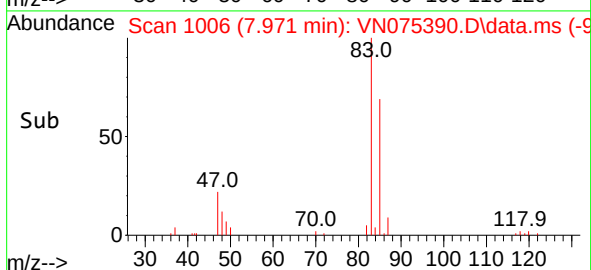
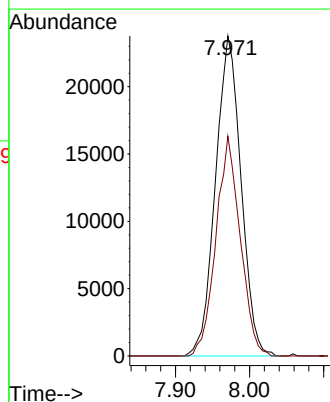
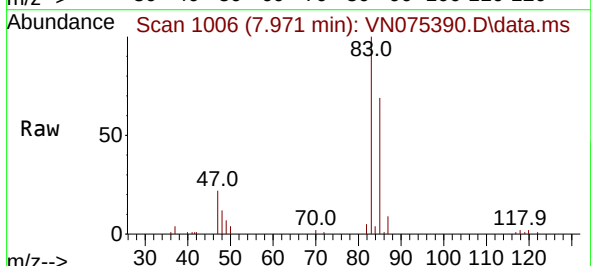
RT: 7.971 min Scan# 1006

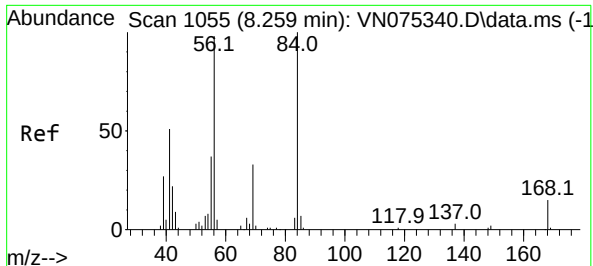
Delta R.T. -0.000 min

Lab File: VN075390.D

Acq: 23 Nov 2022 12:48

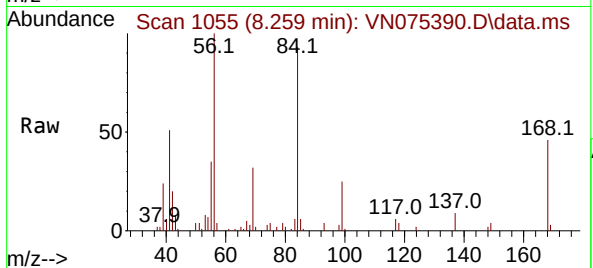
Tgt Ion:	83	Resp:	56941
Ion Ratio	Lower	Upper	
83	100		
85	68.7	51.4	77.0





#31
Cyclohexane
Concen: 19.046 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

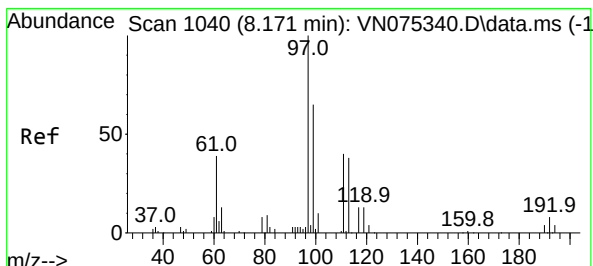
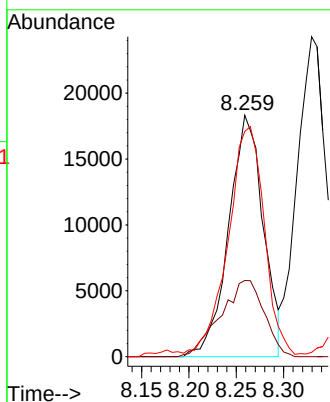
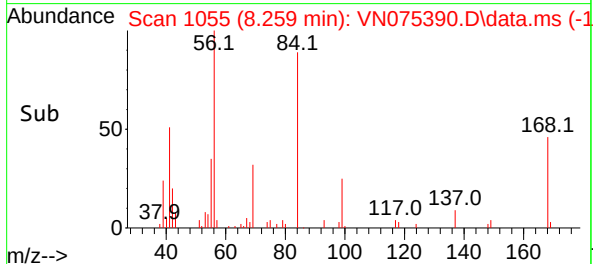
Instrument :
MSVOA_N
ClientSampleId :
VN1123MBS01



Tgt Ion: 56 Resp: 4648
Ion Ratio Lower Upper
56 100
69 31.6 25.2 37.8
84 91.2 77.8 116.8

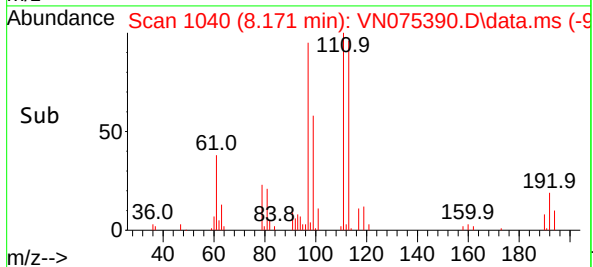
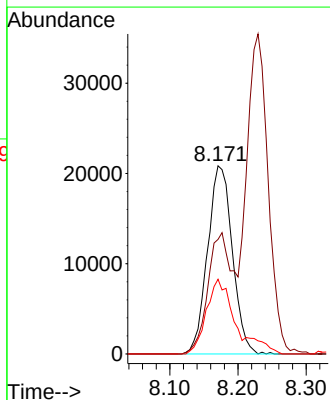
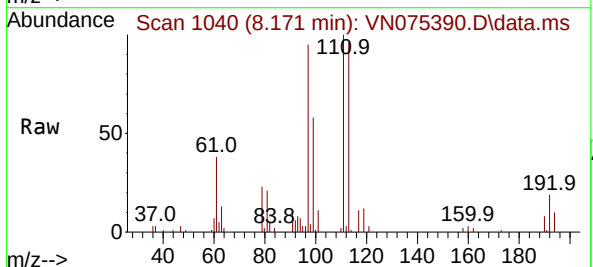
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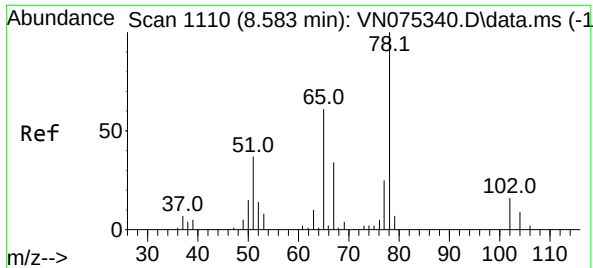
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#32
1,1,1-Trichloroethane
Concen: 20.147 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Tgt Ion: 97 Resp: 52744
Ion Ratio Lower Upper
97 100
99 66.0 50.2 75.2
61 46.7 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 55.345 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.005 min

Lab File: VN075390.D

Acq: 23 Nov 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN1123MBS01

Tgt Ion: 65 Resp: 4251

Ion Ratio Lower Upper

65 100

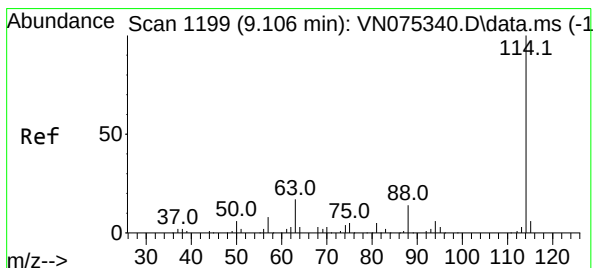
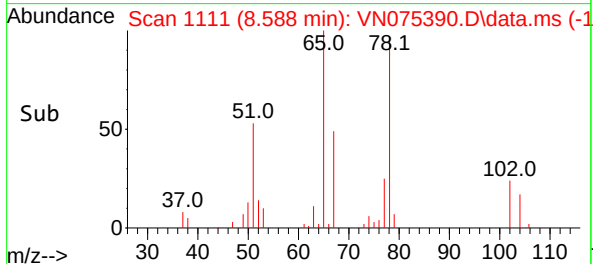
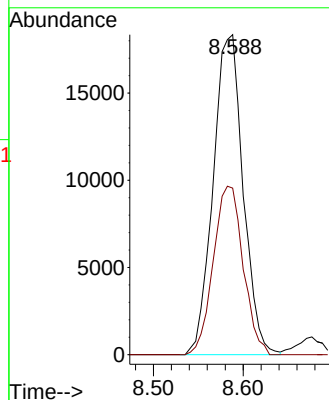
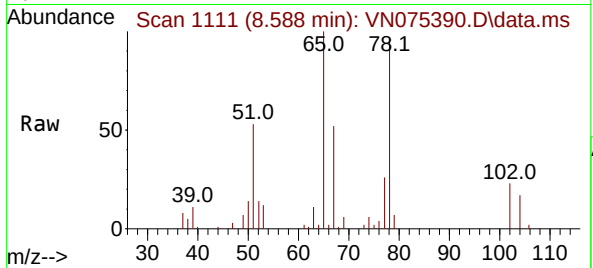
67 52.4 0.0 102.0

Manual Integrations

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Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075390.D

Acq: 23 Nov 2022 12:48

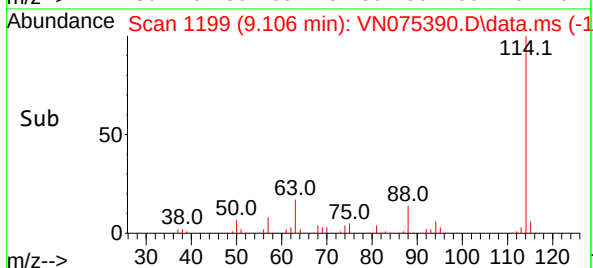
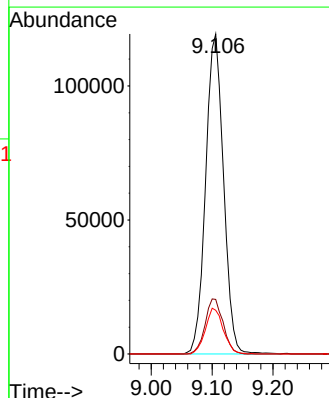
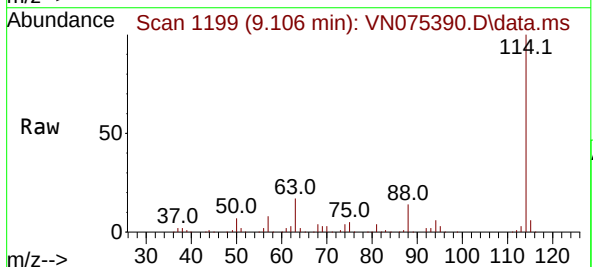
Tgt Ion:114 Resp: 243191

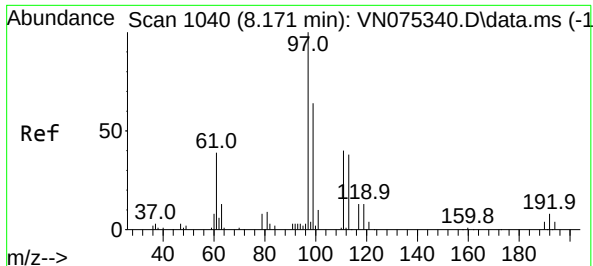
Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

88 13.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.823 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075390.D

Acq: 23 Nov 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN1123MBS01

Tgt Ion: 113 Resp: 51419

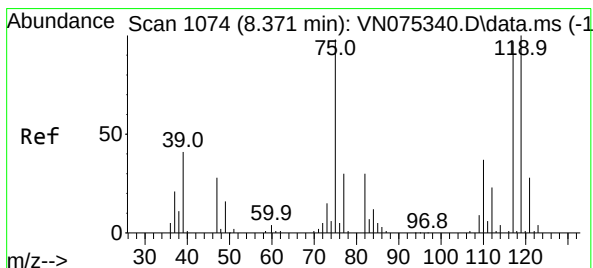
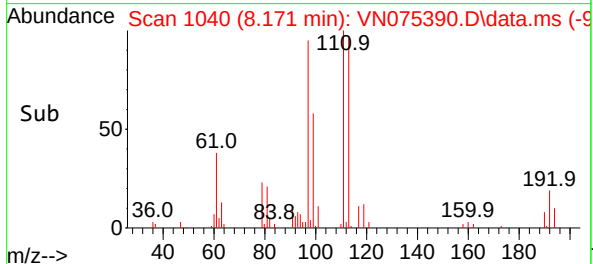
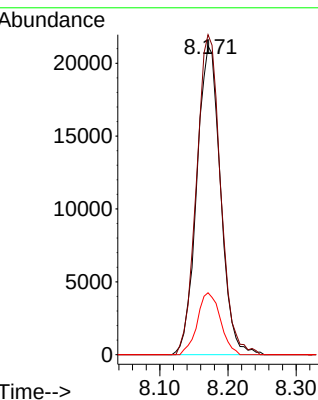
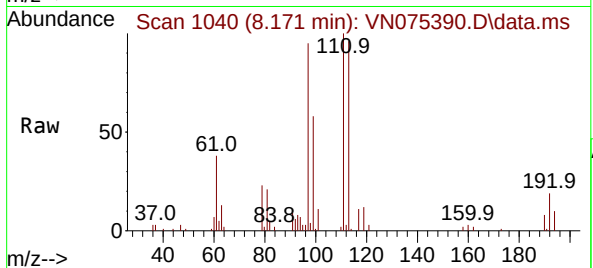
Ion	Ratio	Lower	Upper
113	100		
111	104.4	80.5	120.7
192	19.4	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#36

1,1-Dichloropropene

Concen: 19.690 ug/l

RT: 8.377 min Scan# 1075

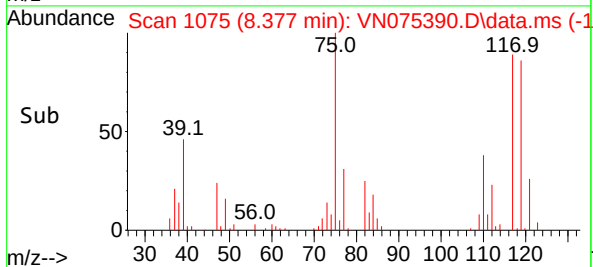
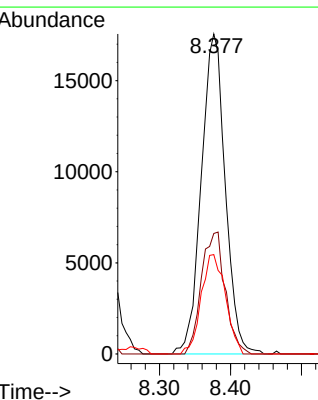
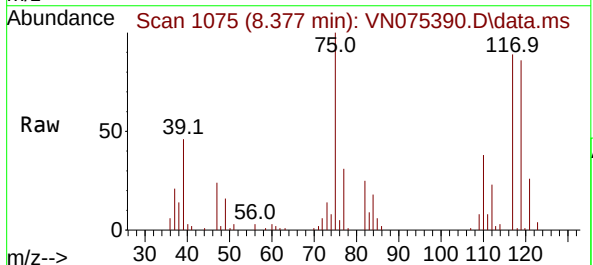
Delta R.T. 0.006 min

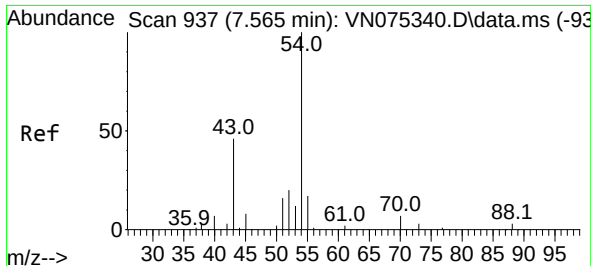
Lab File: VN075390.D

Acq: 23 Nov 2022 12:48

Tgt Ion: 75 Resp: 41021

Ion	Ratio	Lower	Upper
75	100		
110	37.9	17.8	53.3
77	31.4	24.6	37.0





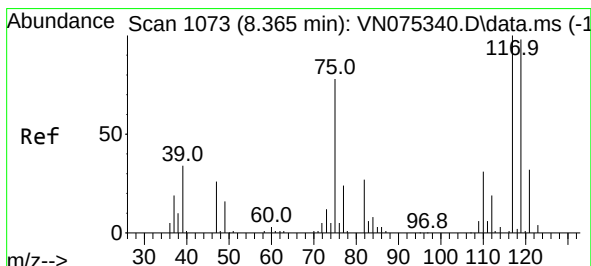
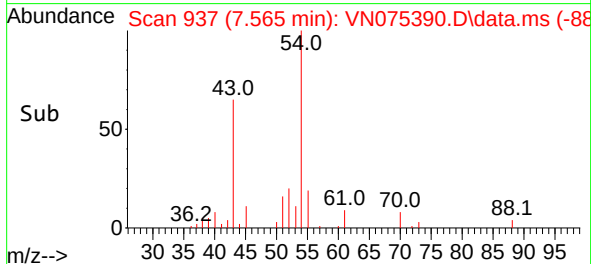
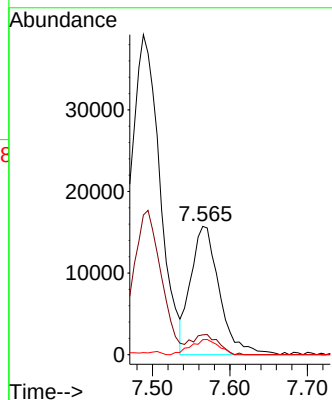
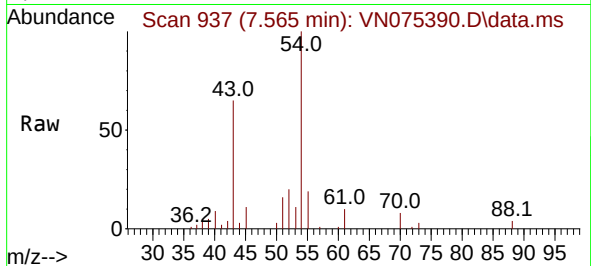
#37
Ethyl Acetate
Concen: 21.527 ug/l
RT: 7.565 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1123MBS01

Tgt Ion: 43 Resp: 4038
Ion Ratio Lower Upper
43 100
61 14.6 12.2 18.4
70 11.4 9.4 14.2

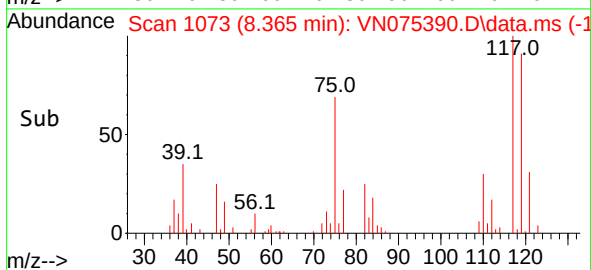
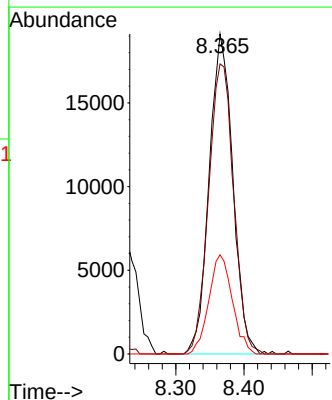
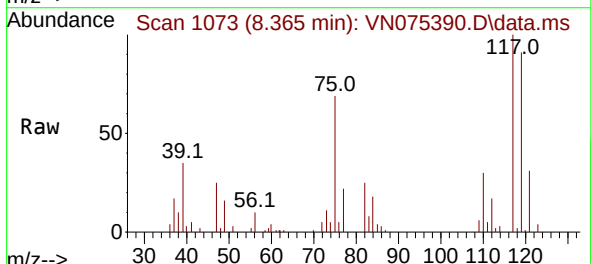
Manual Integrations
APPROVED

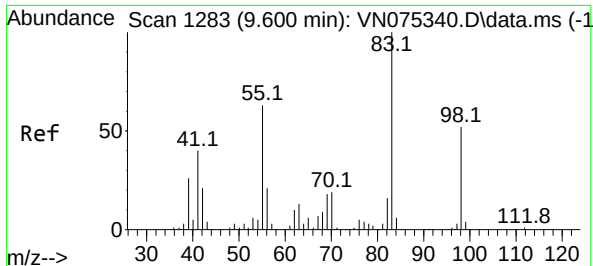
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#38
Carbon Tetrachloride
Concen: 20.150 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Tgt Ion:117 Resp: 46115
Ion Ratio Lower Upper
117 100
119 90.7 76.7 115.1
121 31.0 23.9 35.9





#39

Methylcyclohexane

Concen: 19.880 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075390.D

Acq: 23 Nov 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN1123MBSD01

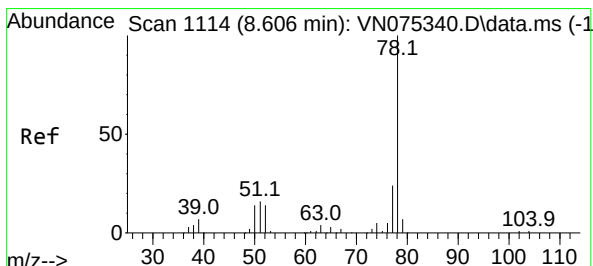
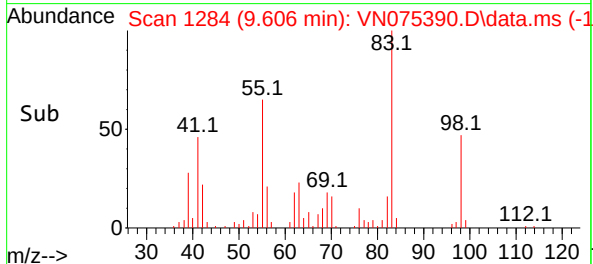
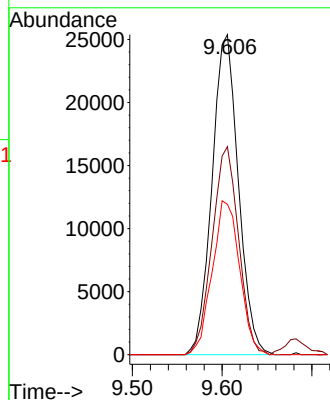
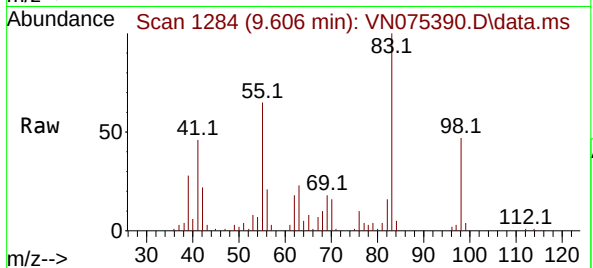
Tgt Ion: 83	Resp: 5183
Ion Ratio	Lower Upper
83	100
55	65.0 53.6 80.4
98	47.0 41.1 61.7

Manual Integrations

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Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#40

Benzene

Concen: 19.925 ug/l

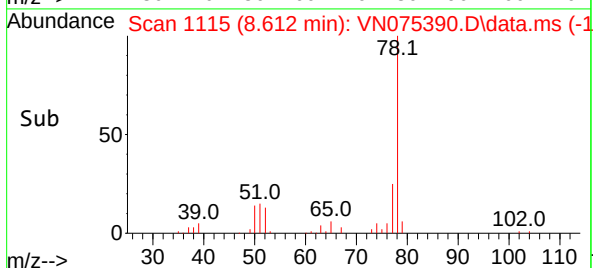
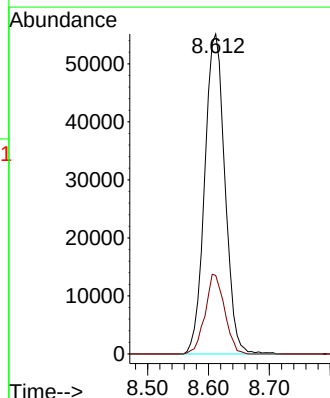
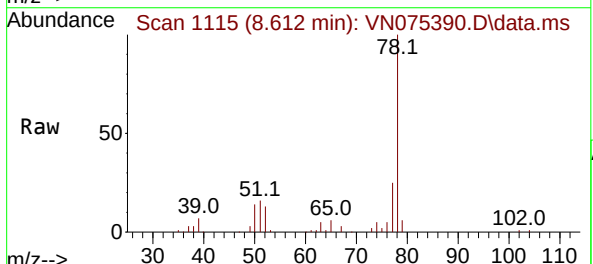
RT: 8.612 min Scan# 1115

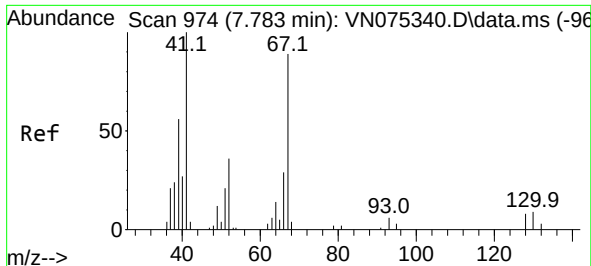
Delta R.T. 0.006 min

Lab File: VN075390.D

Acq: 23 Nov 2022 12:48

Tgt Ion: 78	Resp: 127096
Ion Ratio	Lower Upper
78	100
77	24.5 19.4 29.0





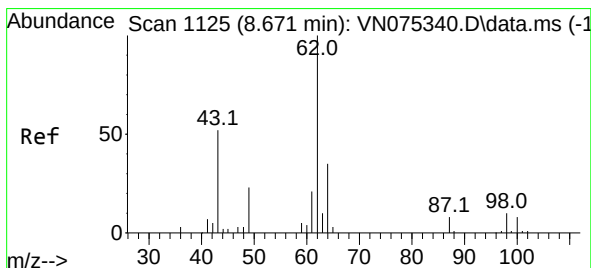
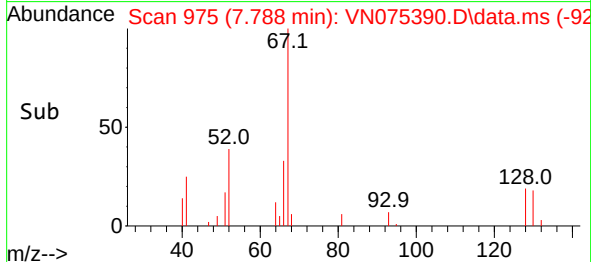
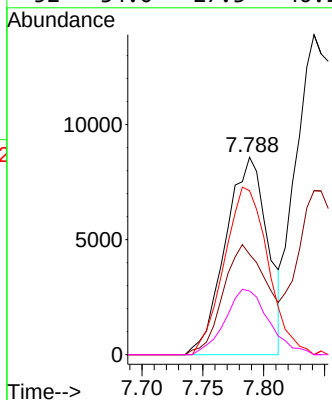
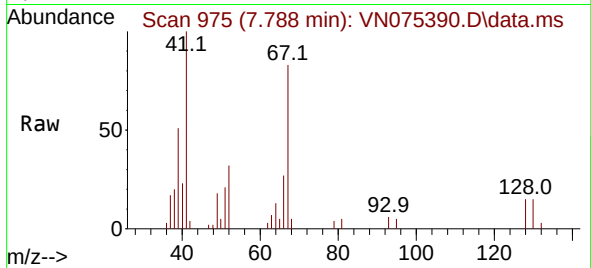
#41
Methacrylonitrile
Concen: 21.690 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.005 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1123MBSD01

Tgt Ion: 41	Resp: 2080
Ion Ratio	Lower Upper
41	100
39	57.8 44.4 66.6
67	88.0 69.8 104.6
52	34.0 27.3 40.9

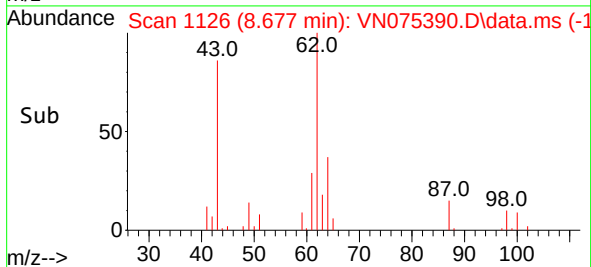
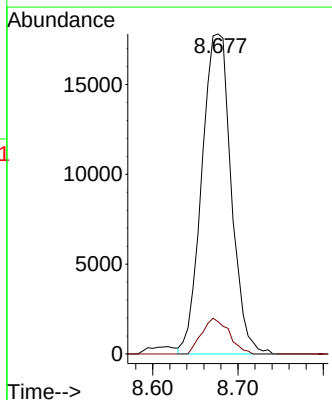
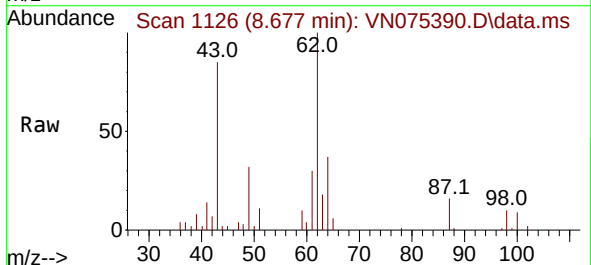
Manual Integrations
APPROVED

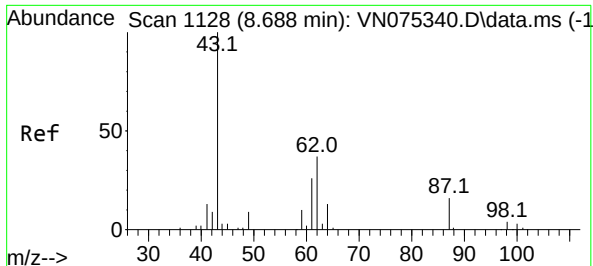
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#42
1,2-Dichloroethane
Concen: 19.995 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

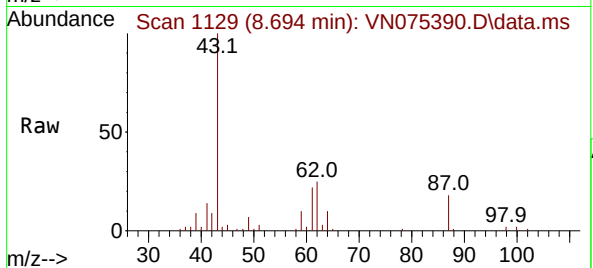
Tgt Ion: 62	Resp: 42715
Ion Ratio	Lower Upper
62	100
98	10.3 0.0 18.2





#43
Isopropyl Acetate
Concen: 21.050 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

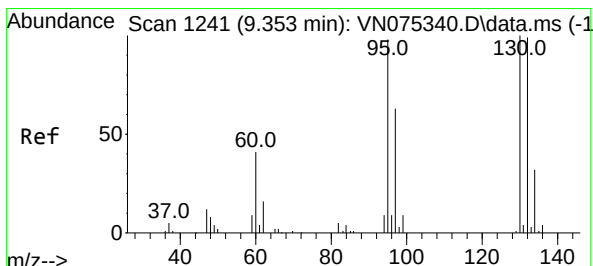
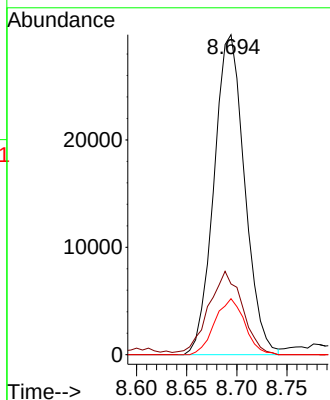
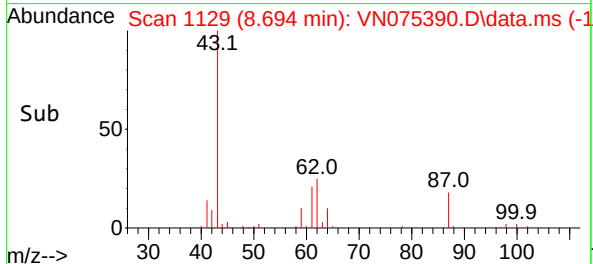
Instrument :
MSVOA_N
ClientSampleId :
VN1123MBS01



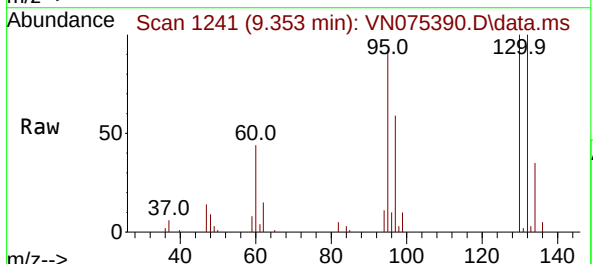
Tgt Ion: 43 Resp: 6338
Ion Ratio Lower Upper
43 100
61 28.9 22.4 33.6
87 17.1 12.5 18.7

Manual Integrations
APPROVED

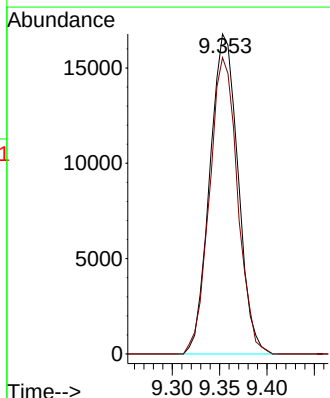
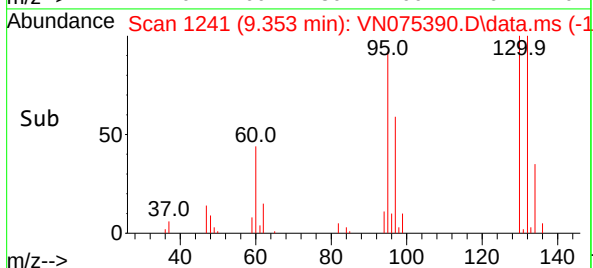
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

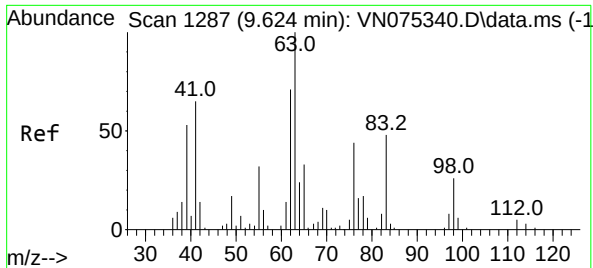


#44
Trichloroethene
Concen: 19.938 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48



Tgt Ion:130 Resp: 34799
Ion Ratio Lower Upper
130 100
95 92.6 0.0 198.4





#45

1,2-Dichloropropane

Concen: 19.702 ug/l

RT: 9.624 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN075390.D

Acq: 23 Nov 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN1123MBS01

Tgt Ion: 63 Resp: 29949

Ion Ratio Lower Upper

63 100

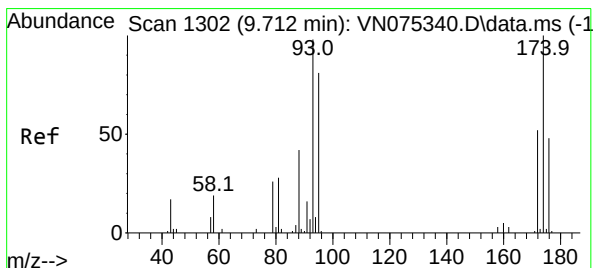
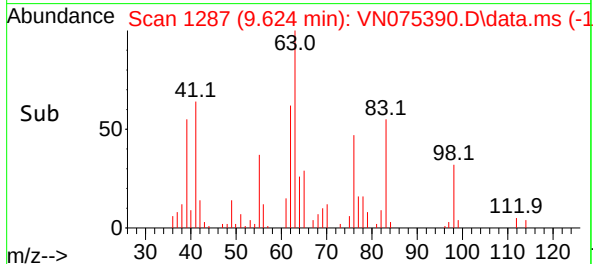
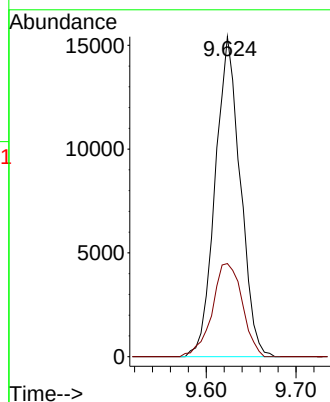
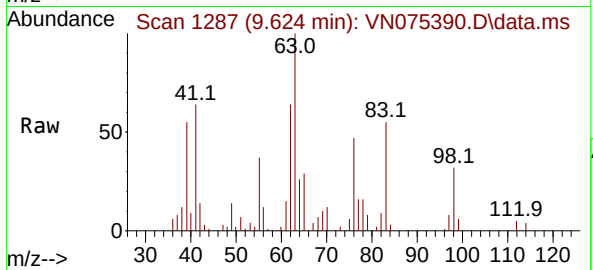
65 29.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#46

Dibromomethane

Concen: 20.966 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. -0.006 min

Lab File: VN075390.D

Acq: 23 Nov 2022 12:48

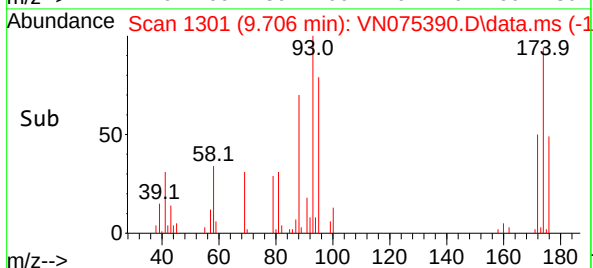
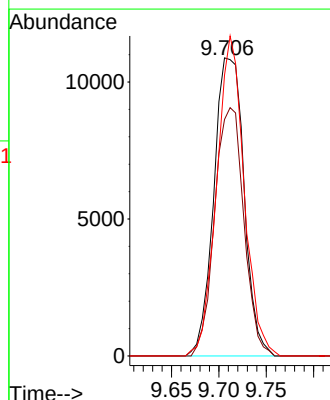
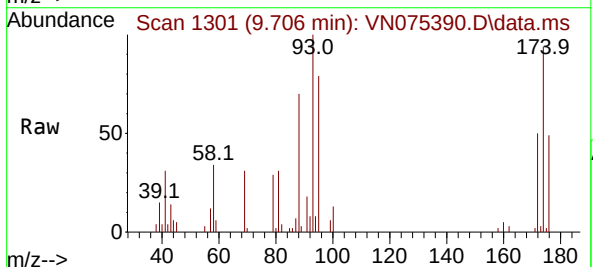
Tgt Ion: 93 Resp: 24105

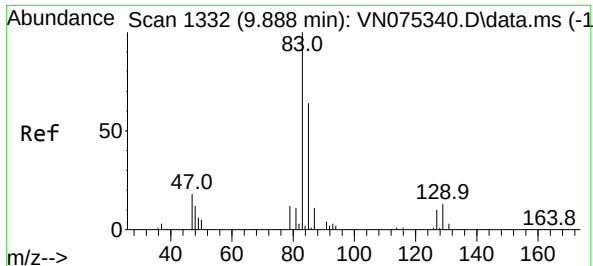
Ion Ratio Lower Upper

93 100

95 80.7 66.6 99.8

174 97.4 70.3 105.5





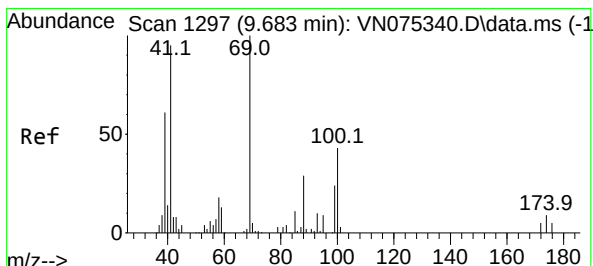
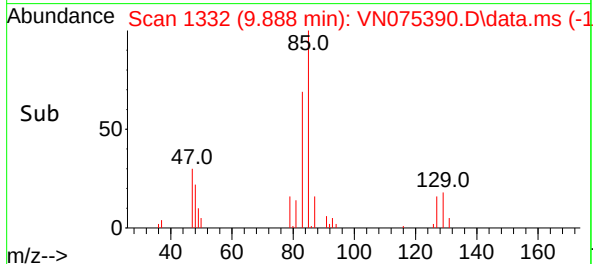
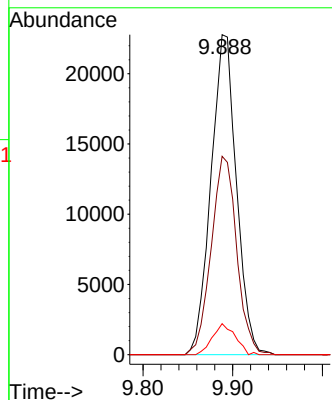
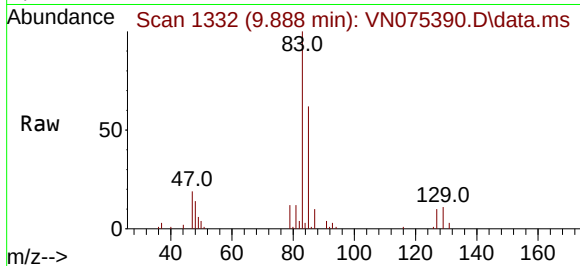
#47
Bromodichloromethane
Concen: 20.151 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1123MBSD01

Tgt Ion: 83 Resp: 4486
Ion Ratio Lower Upper
83 100
85 62.0 52.1 78.1
127 9.7 6.6 10.0

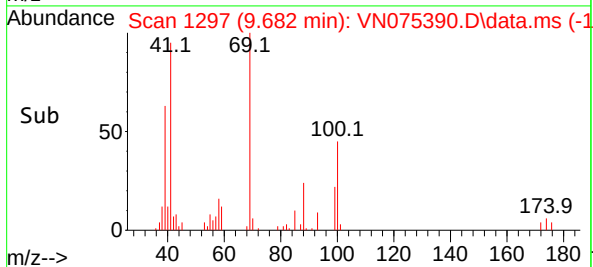
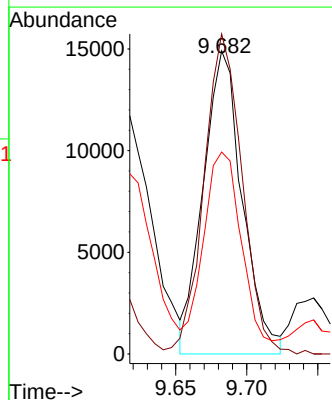
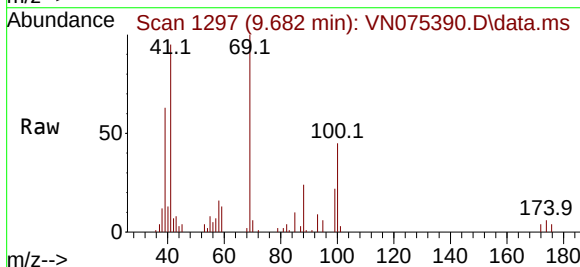
Manual Integrations
APPROVED

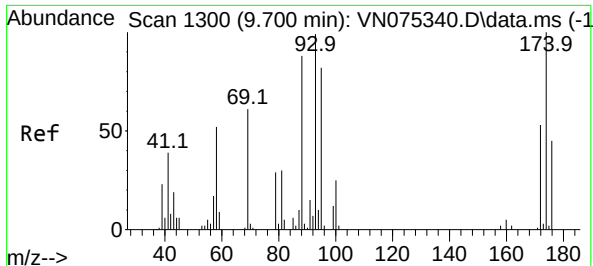
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#48
Methyl methacrylate
Concen: 20.425 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.001 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Tgt Ion: 41 Resp: 28438
Ion Ratio Lower Upper
41 100
69 103.4 80.2 120.2
39 66.1 56.2 84.2





#49

1,4-Dioxane

Concen: 430.501 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075390.D

Acq: 23 Nov 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN1123MBS01

Tgt Ion: 88 Resp: 17020

Ion Ratio Lower Upper

88 100

43 22.0 17.5 26.3

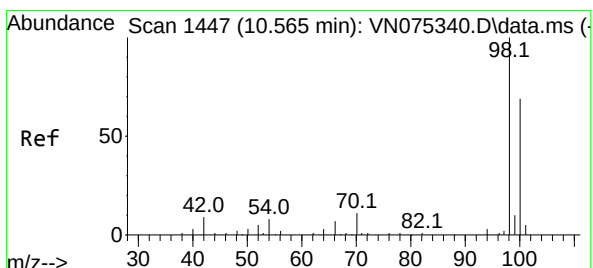
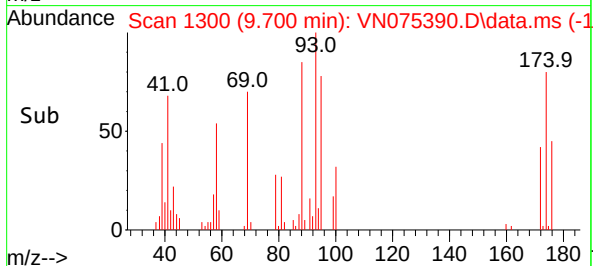
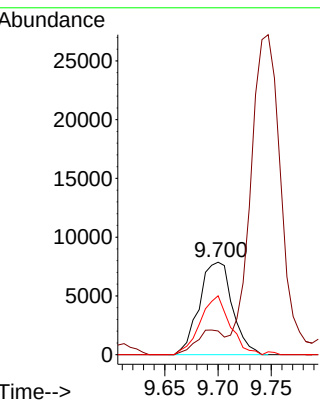
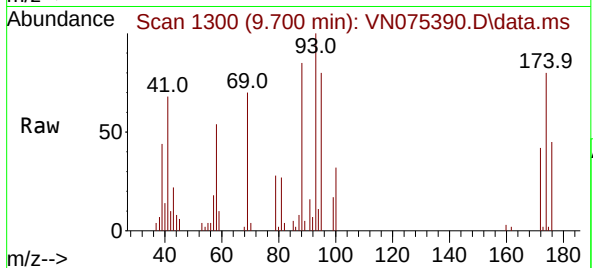
58 57.1 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#50

Toluene-d8

Concen: 53.824 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075390.D

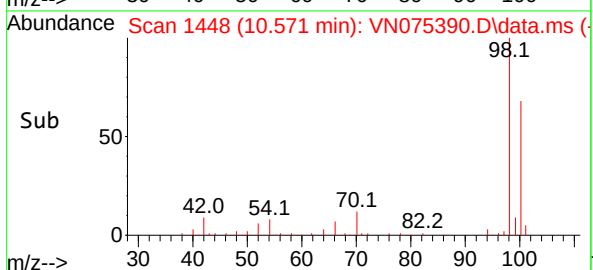
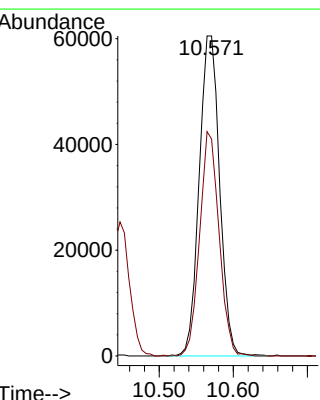
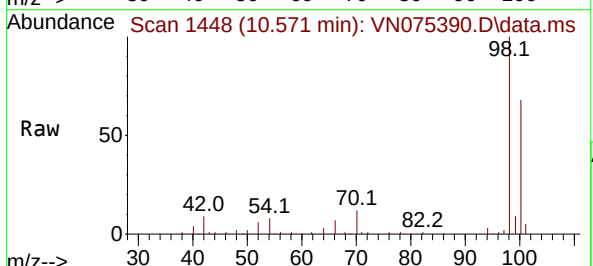
Acq: 23 Nov 2022 12:48

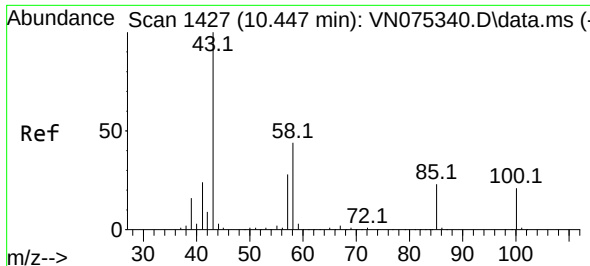
Tgt Ion: 98 Resp: 115813

Ion Ratio Lower Upper

98 100

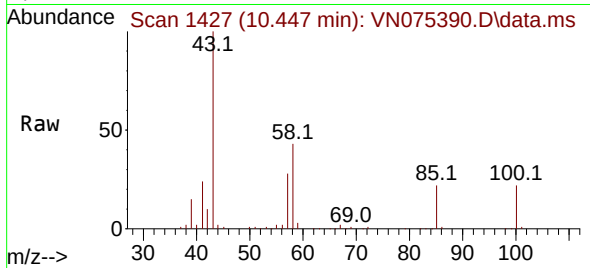
100 66.7 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 104.791 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

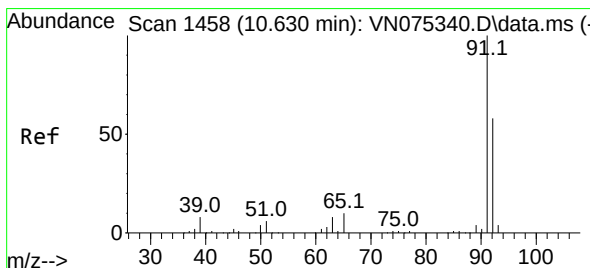
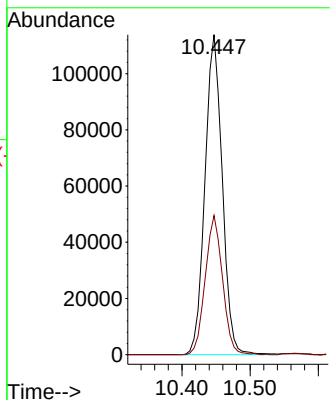
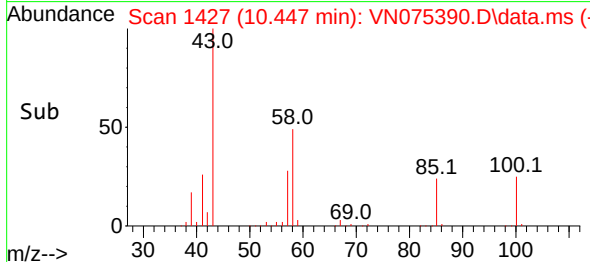
Instrument :
MSVOA_N
ClientSampleId :
VN1123MBSD01



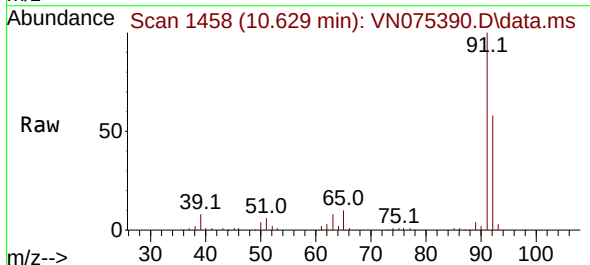
Tgt Ion: 43 Resp: 20097
Ion Ratio Lower Upper
43 100
58 43.6 33.6 50.4

Manual Integrations
APPROVED

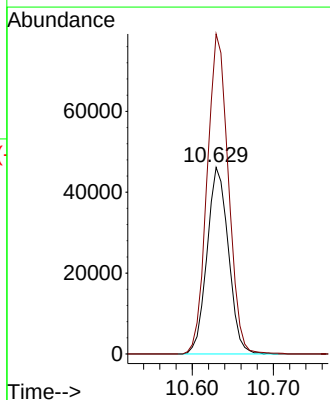
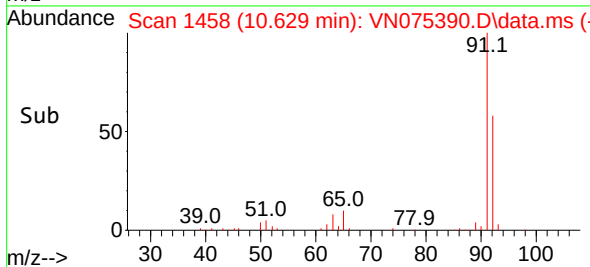
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

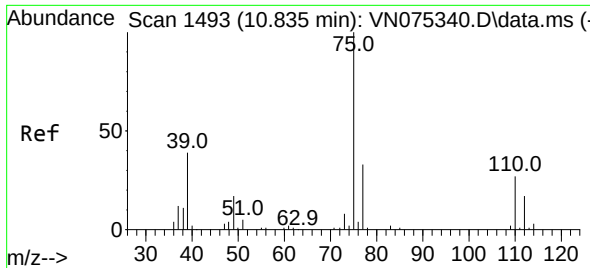


#52
Toluene
Concen: 20.514 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48



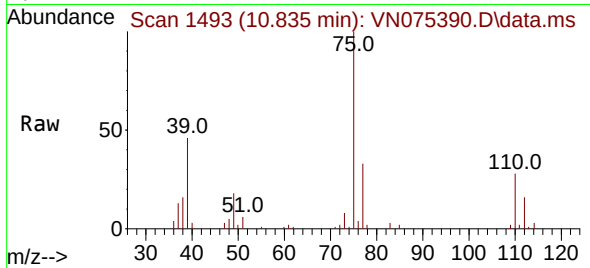
Tgt Ion: 92 Resp: 84323
Ion Ratio Lower Upper
92 100
91 170.9 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 19.634 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

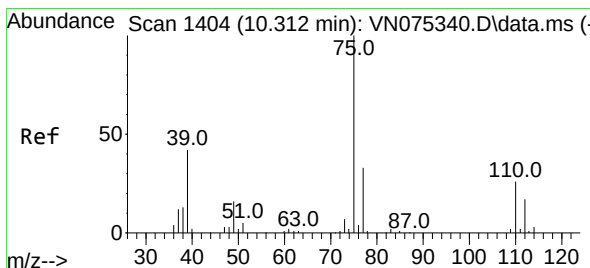
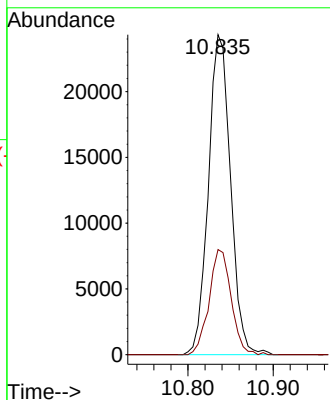
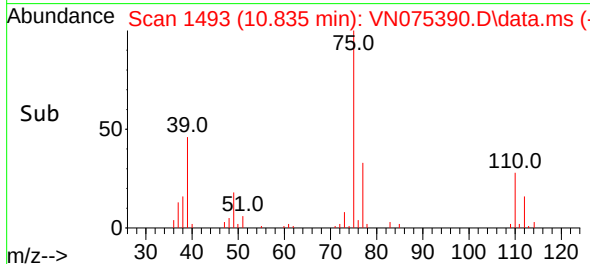
Instrument :
MSVOA_N
ClientSampleId :
VN1123MBS01



Tgt Ion: 75 Resp: 4388
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.2

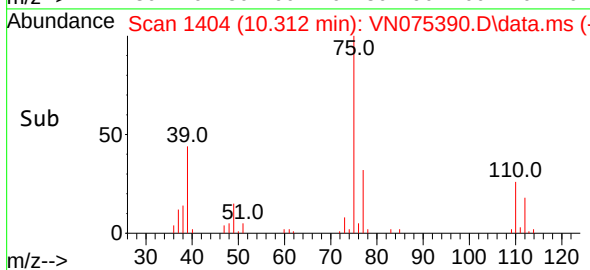
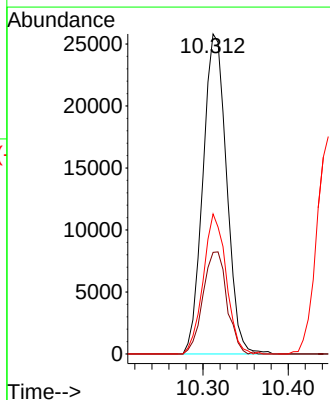
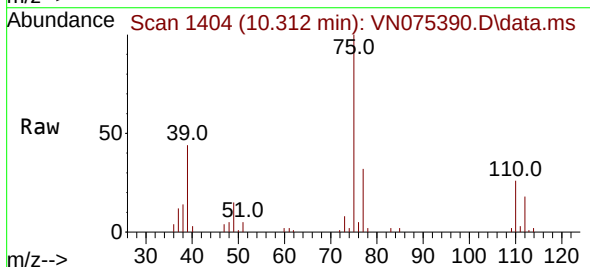
Manual Integrations
APPROVED

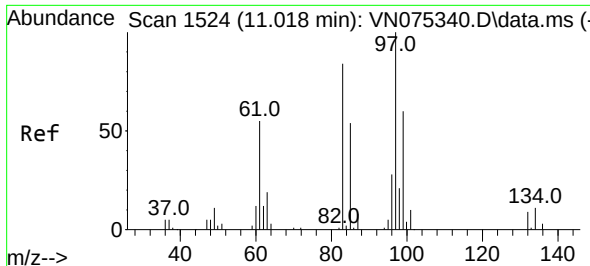
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#54
cis-1,3-Dichloropropene
Concen: 20.516 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

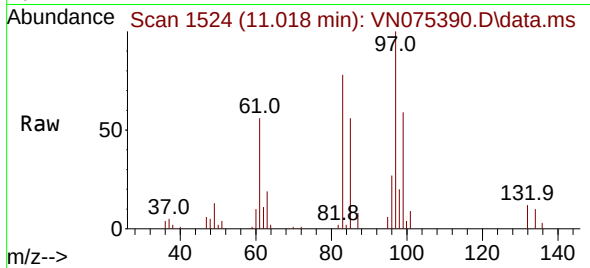
Tgt Ion: 75 Resp: 49807
Ion Ratio Lower Upper
75 100
77 31.8 23.7 35.5
39 43.8 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 20.373 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1123MBSD01

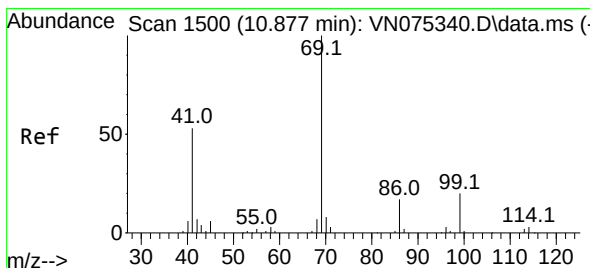
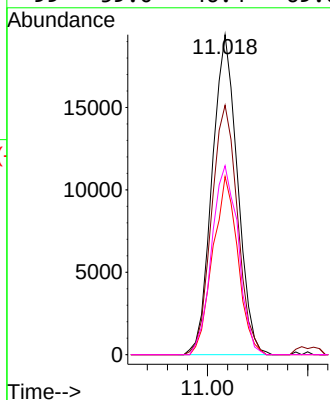
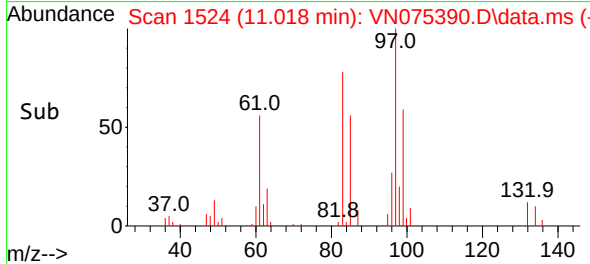


Tgt Ion: 97 Resp: 34108

Ion	Ratio	Lower	Upper
97	100		
83	77.9	65.9	98.9
85	55.6	40.4	60.6
99	59.0	46.4	69.6

Manual Integrations
APPROVED

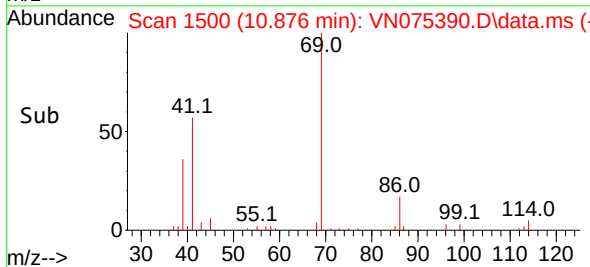
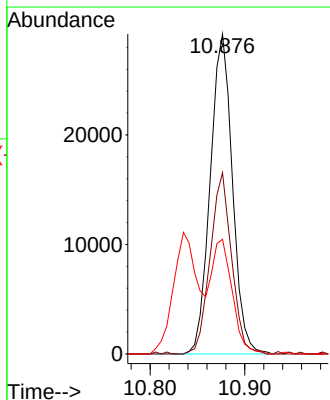
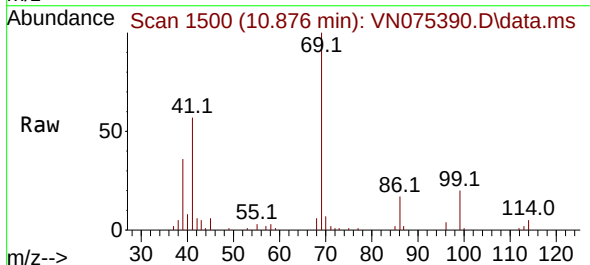
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

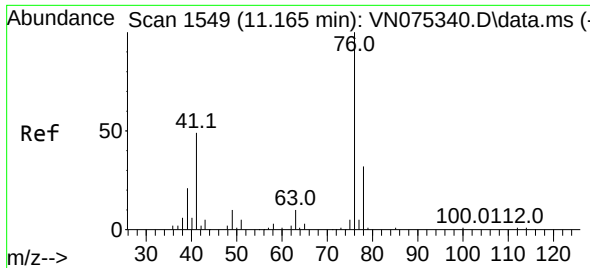


#56
Ethyl methacrylate
Concen: 21.039 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Tgt Ion: 69 Resp: 47568

Ion	Ratio	Lower	Upper
69	100		
41	54.6	45.6	68.4
39	33.3	28.5	42.7





#57

1,3-Dichloropropane

Concen: 19.963 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075390.D

Acq: 23 Nov 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN1123MBSD01

Tgt Ion: 76 Resp: 54494

Ion Ratio Lower Upper

76 100

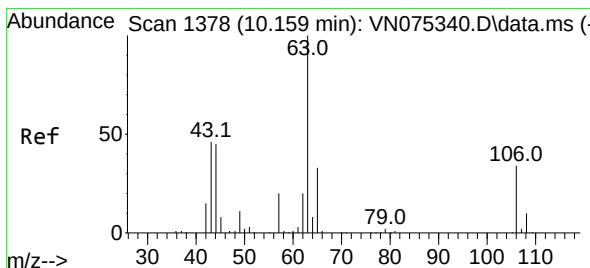
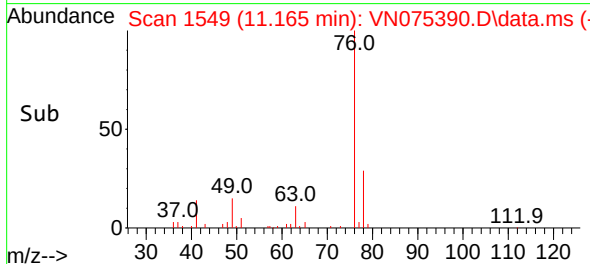
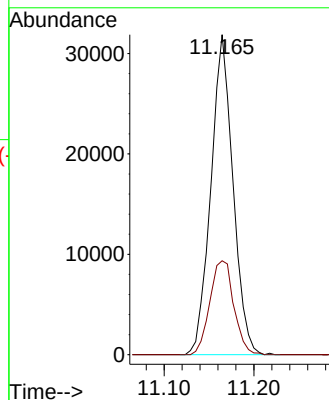
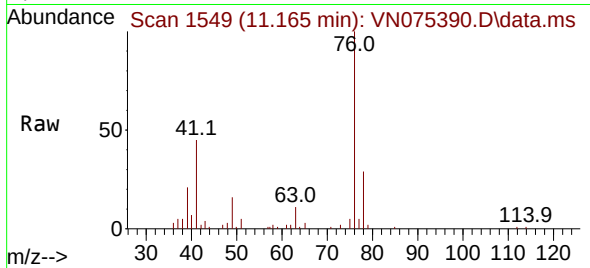
78 31.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 110.398 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.006 min

Lab File: VN075390.D

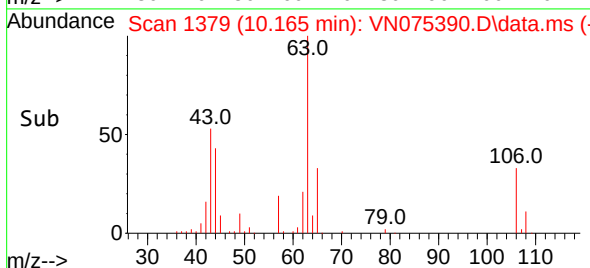
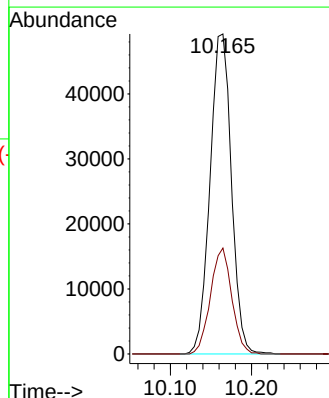
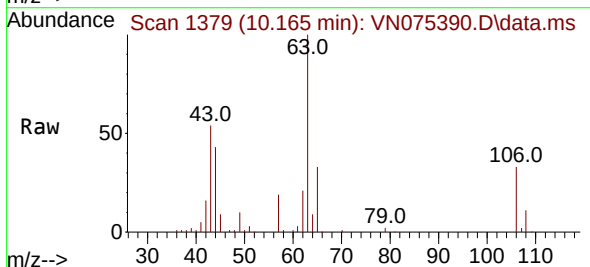
Acq: 23 Nov 2022 12:48

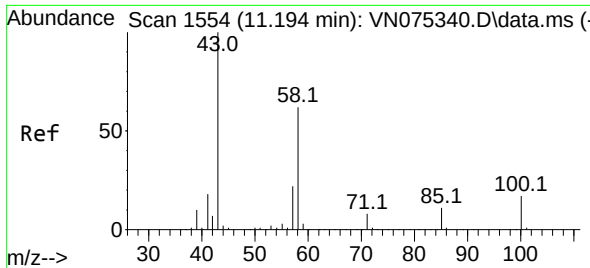
Tgt Ion: 63 Resp: 90020

Ion Ratio Lower Upper

63 100

106 32.9 24.8 37.2





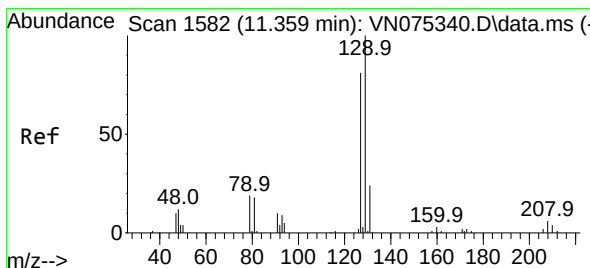
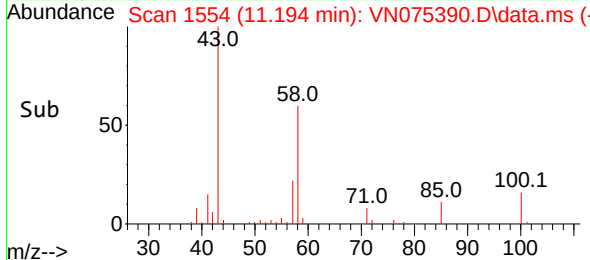
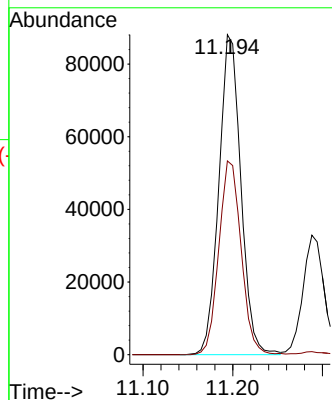
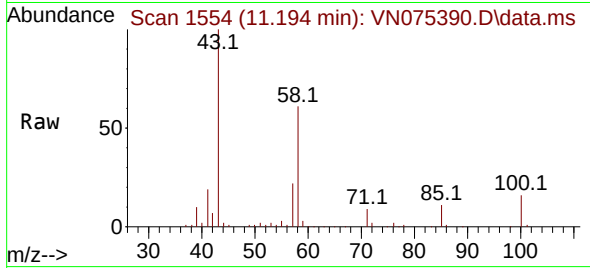
#59
2-Hexanone
Concen: 104.216 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1123MBSD01

Tgt Ion: 43 Resp: 15008
Ion Ratio Lower Upper
43 100
58 61.5 29.6 88.8

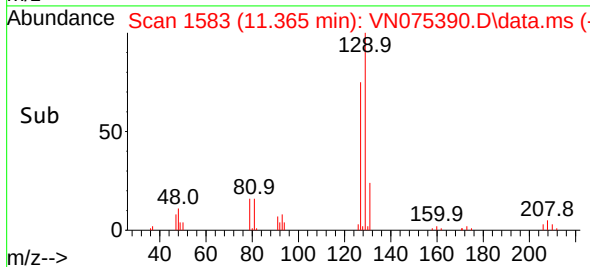
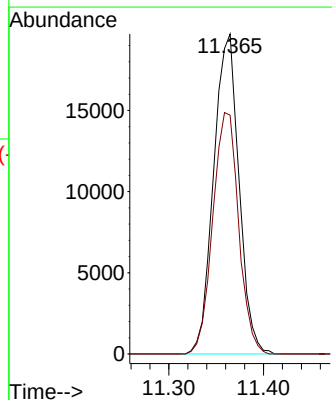
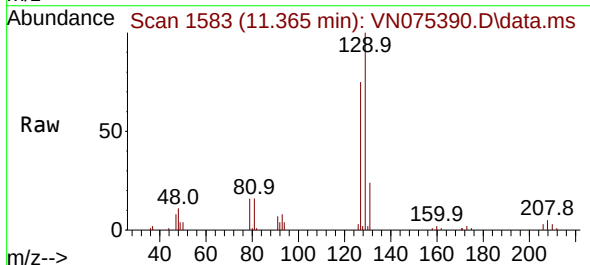
Manual Integrations
APPROVED

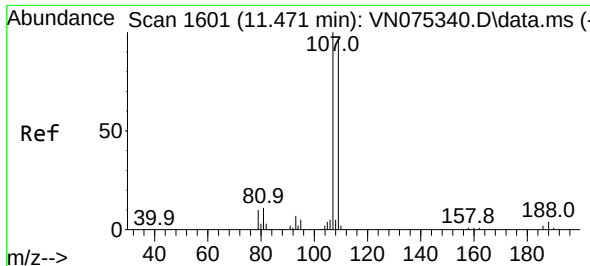
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#60
Dibromochloromethane
Concen: 21.325 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Tgt Ion:129 Resp: 36645
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8





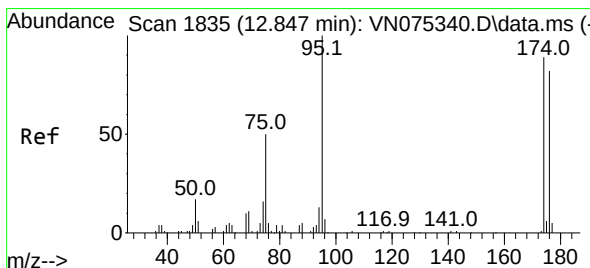
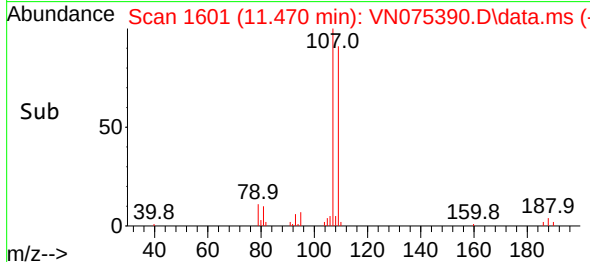
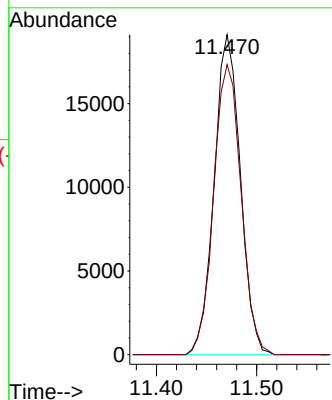
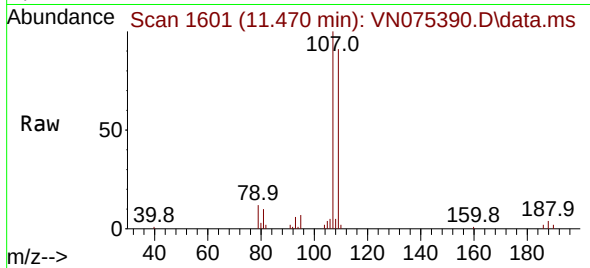
#61
1,2-Dibromoethane
Concen: 19.884 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1123MBSD01

Tgt Ion:107 Resp: 3455
Ion Ratio Lower Upper
107 100
109 95.4 75.6 113.4

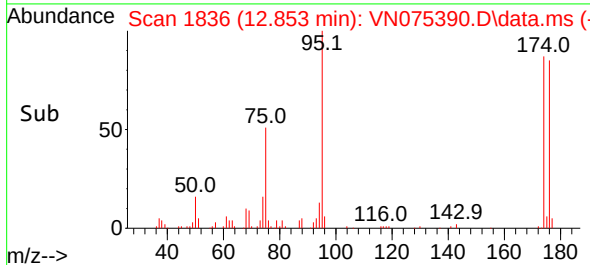
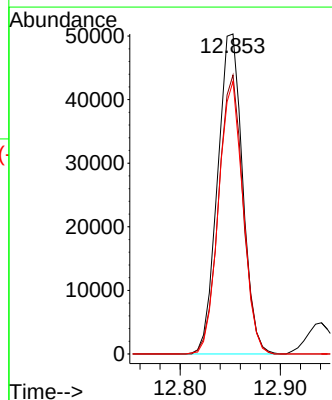
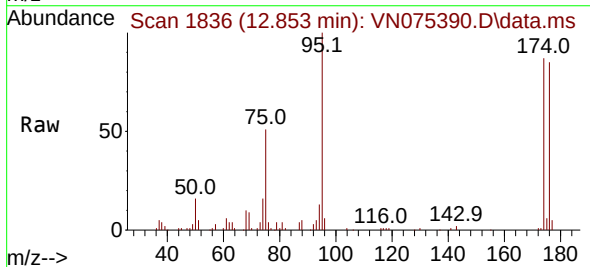
Manual Integrations
APPROVED

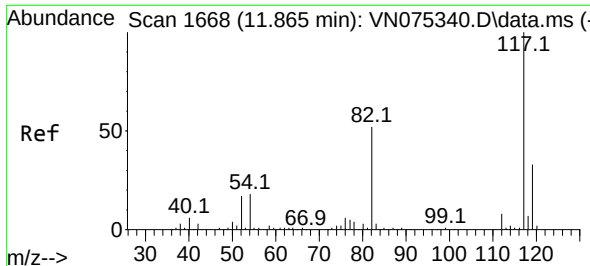
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#62
4-Bromofluorobenzene
Concen: 54.786 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

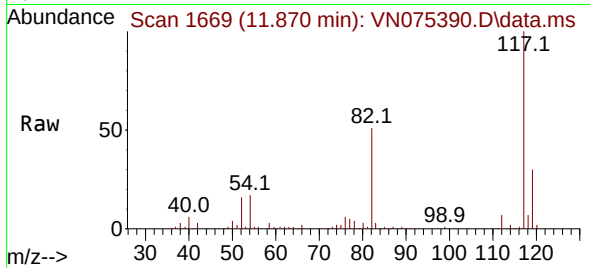
Tgt Ion: 95 Resp: 87009
Ion Ratio Lower Upper
95 100
174 84.9 0.0 147.4
176 82.7 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1668
Delta R.T. 0.005 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

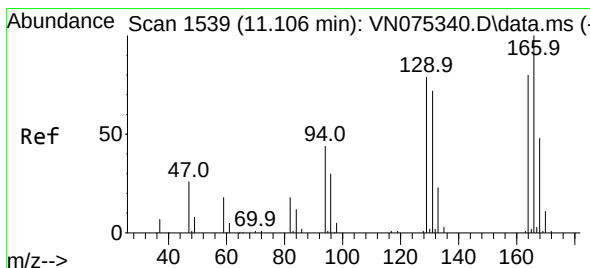
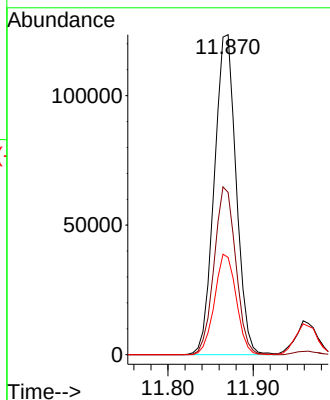
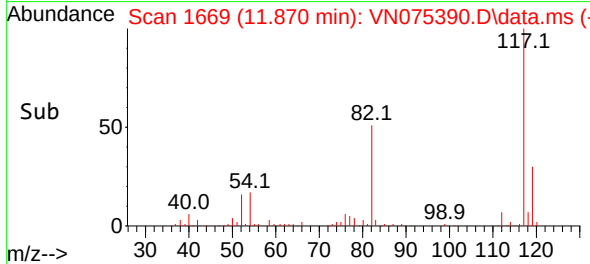
Instrument :
MSVOA_N
ClientSampleId :
VN1123MBS01



Tgt Ion:117 Resp: 22046
Ion Ratio Lower Upper
117 100
82 50.7 43.1 64.7
119 30.4 25.5 38.3

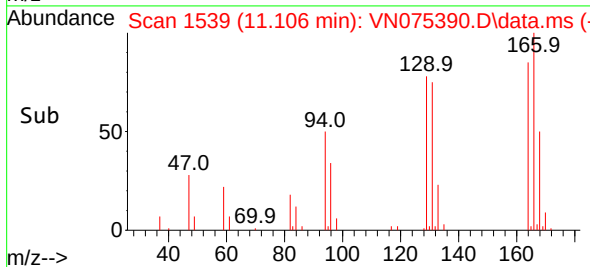
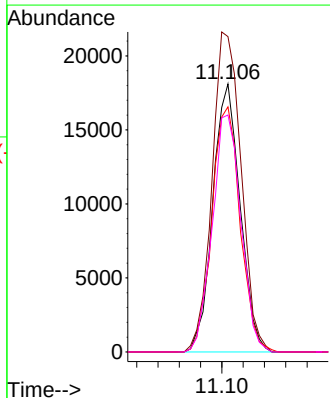
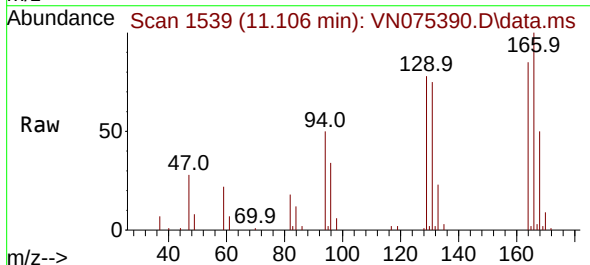
Manual Integrations
APPROVED

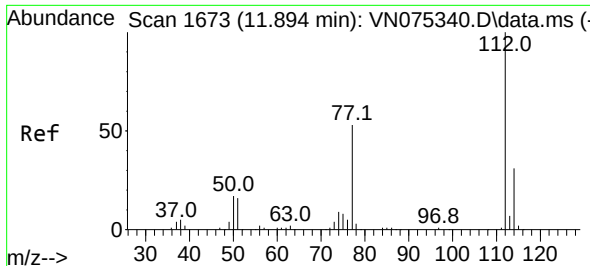
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#64
Tetrachloroethene
Concen: 19.172 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

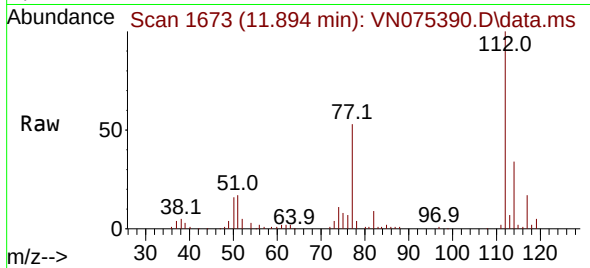
Tgt Ion:164 Resp: 32277
Ion Ratio Lower Upper
164 100
166 117.7 106.5 159.7
129 91.5 81.9 122.9
131 88.4 81.4 122.2





#65
Chlorobenzene
Concen: 20.080 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

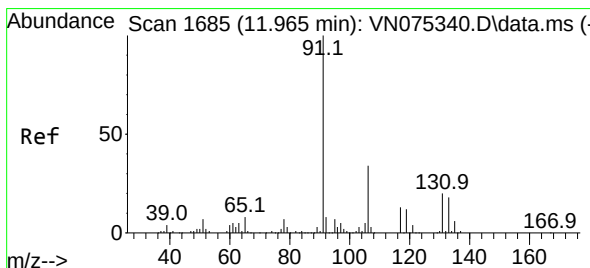
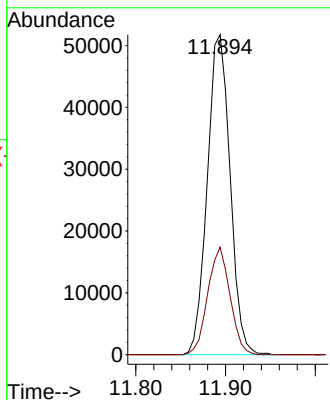
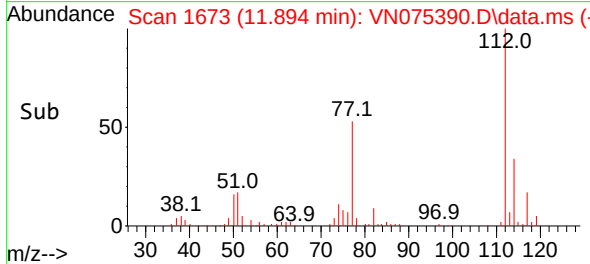
Instrument :
MSVOA_N
ClientSampleId :
VN1123MBSD01



Tgt Ion:112 Resp: 91424
Ion Ratio Lower Upper
112 100
114 33.6 25.4 38.2

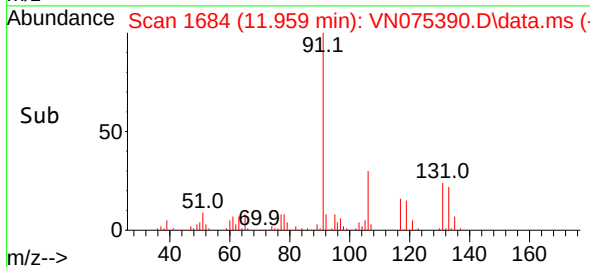
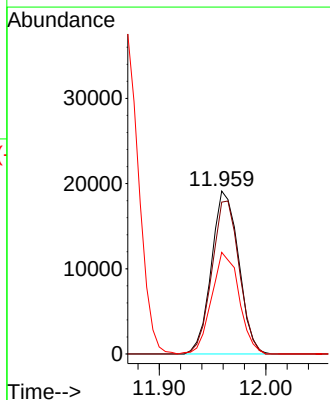
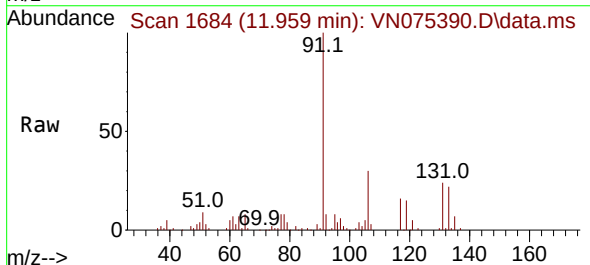
Manual Integrations
APPROVED

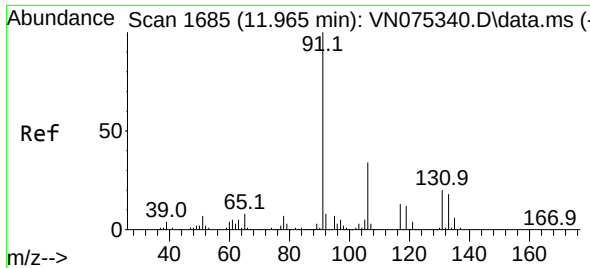
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.018 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Tgt Ion:131 Resp: 34015
Ion Ratio Lower Upper
131 100
133 94.3 47.8 143.4
119 63.0 33.0 99.0





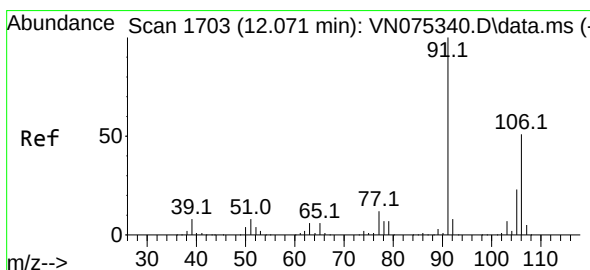
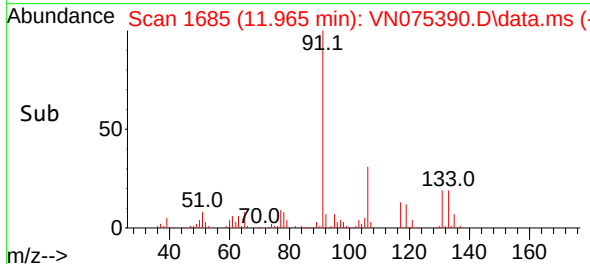
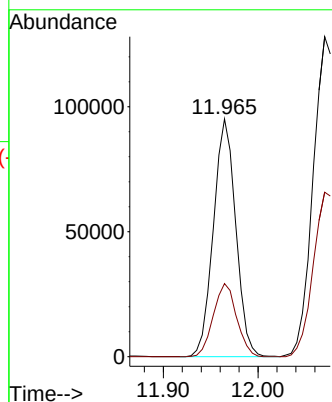
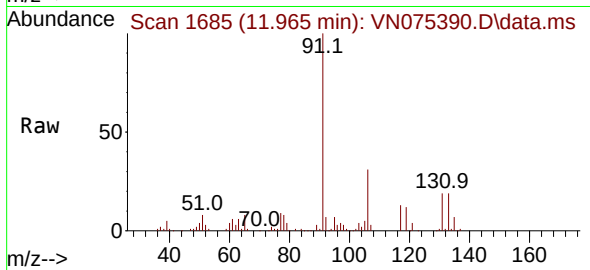
#67
Ethyl Benzene
Concen: 20.079 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1123MBSD01

Tgt Ion: 91 Resp: 155964
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3

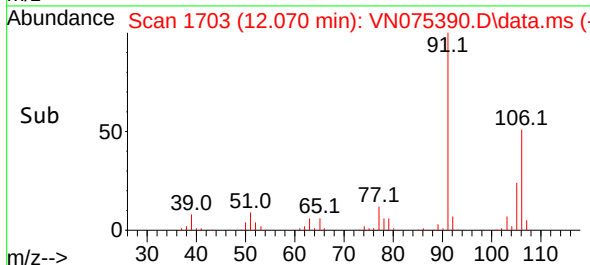
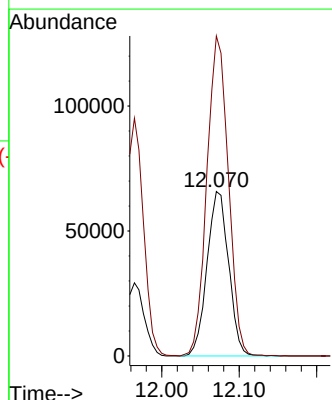
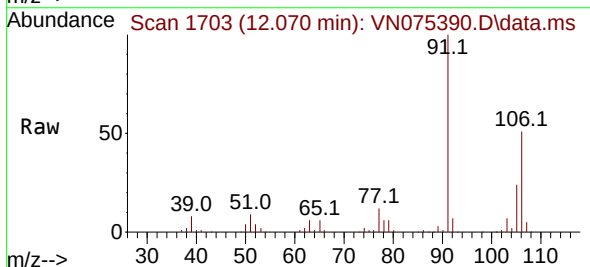
Manual Integrations
APPROVED

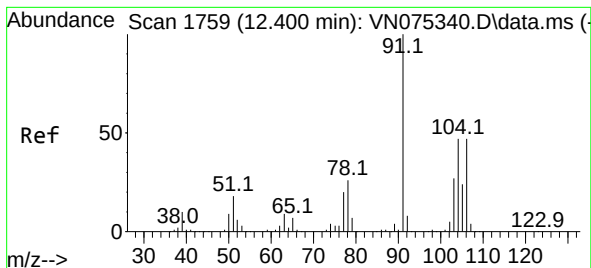
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#68
m/p-Xylenes
Concen: 40.414 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Tgt Ion:106 Resp: 127479
Ion Ratio Lower Upper
106 100
91 193.6 156.0 234.0





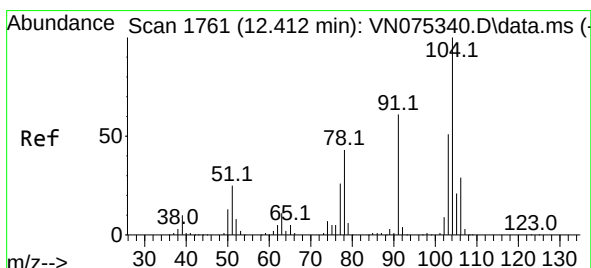
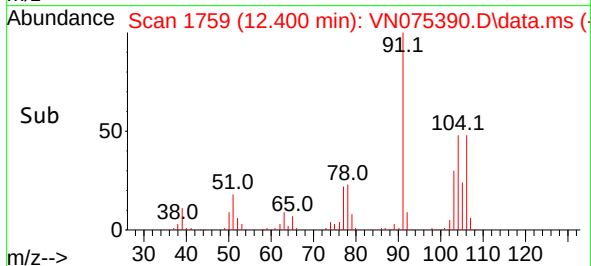
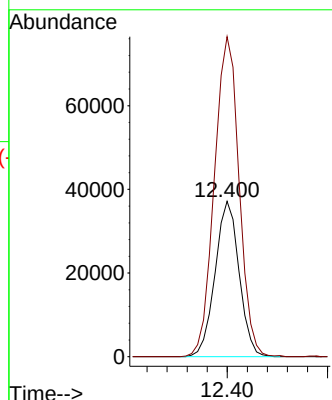
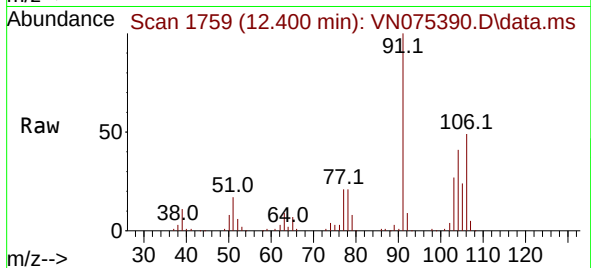
#69
o-Xylene
Concen: 19.633 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1123MBS01

Tgt Ion:106 Resp: 6153
Ion Ratio Lower Upper
106 100
91 212.6 105.2 315.5

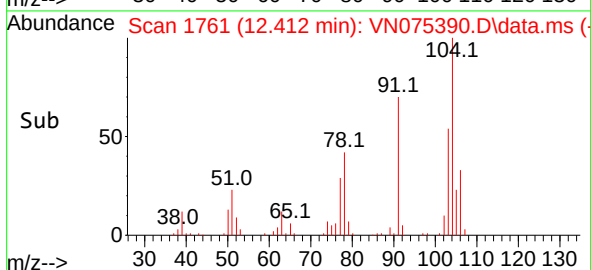
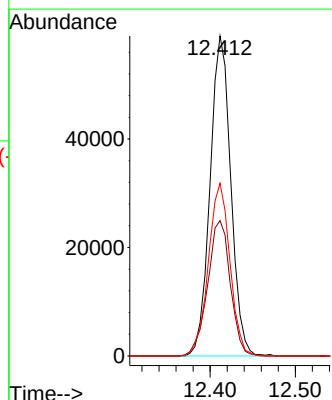
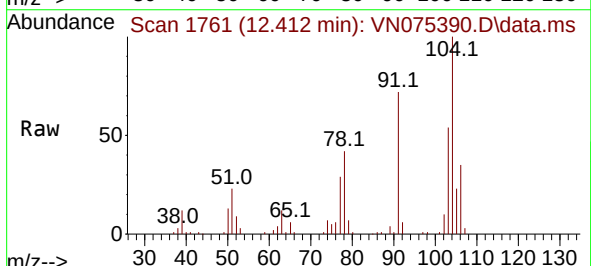
Manual Integrations
APPROVED

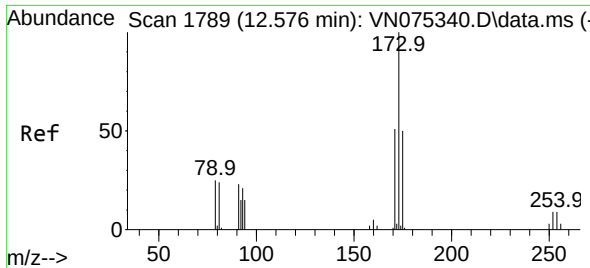
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#70
Styrene
Concen: 20.179 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

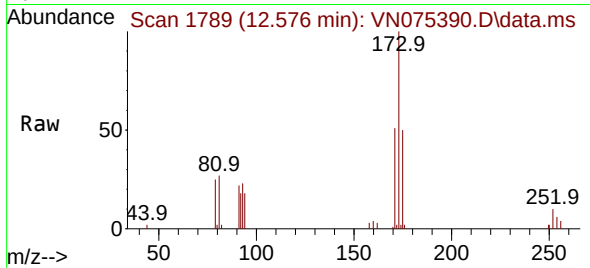
Tgt Ion:104 Resp: 99764
Ion Ratio Lower Upper
104 100
78 46.1 38.1 57.1
103 56.1 44.6 66.8





#71
Bromoform
Concen: 20.103 ug/l
RT: 12.576 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

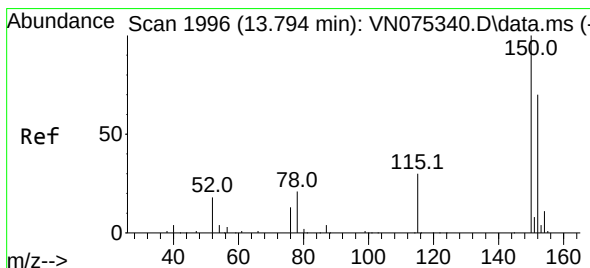
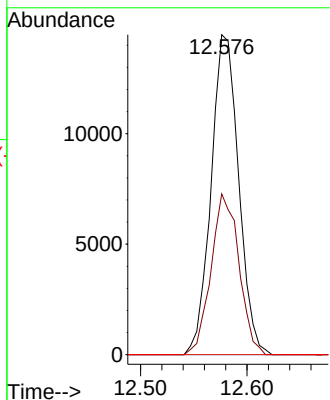
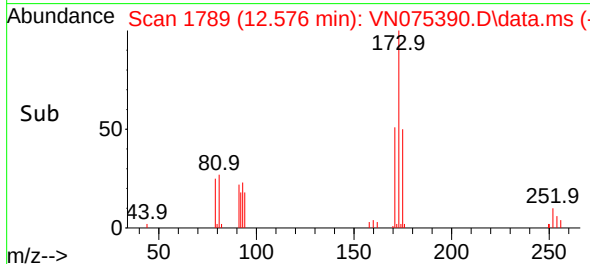
Instrument :
MSVOA_N
ClientSampleId :
VN1123MBSD01



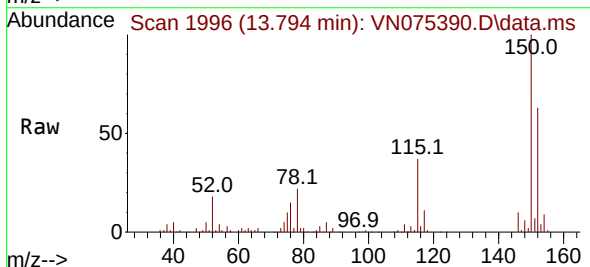
Tgt Ion:173 Resp: 25998
Ion Ratio Lower Upper
173 100
175 50.8 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

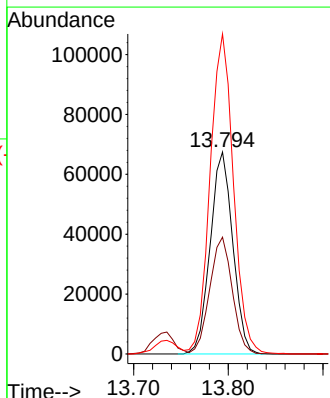
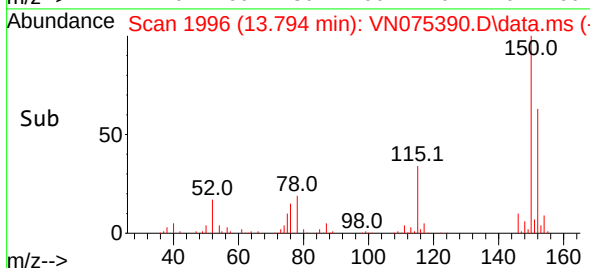
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

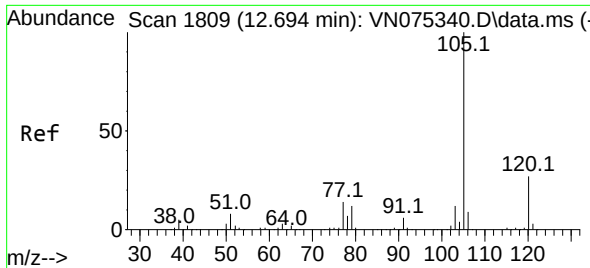


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48



Tgt Ion:152 Resp: 111547
Ion Ratio Lower Upper
152 100
115 57.8 30.2 90.6
150 164.0 0.0 348.4





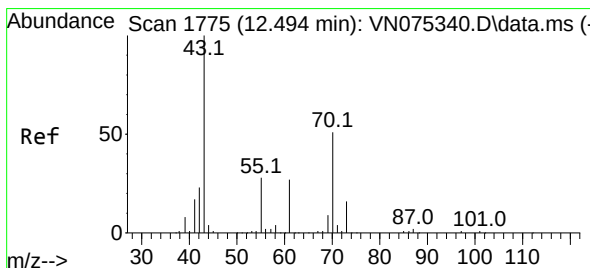
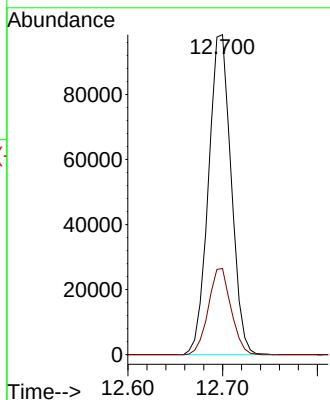
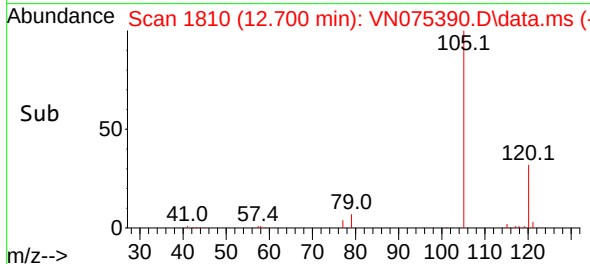
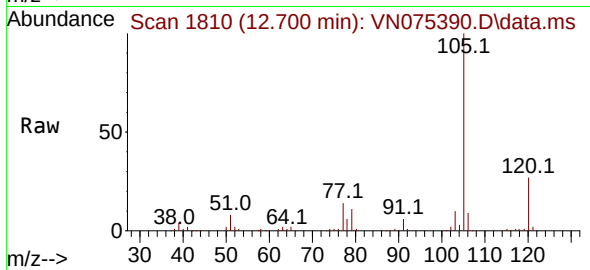
#73
Isopropylbenzene
Concen: 20.060 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1123MBS01

Tgt Ion:105 Resp: 16348
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.1

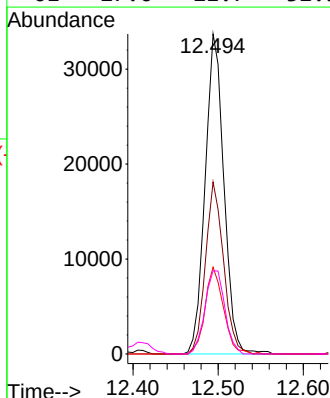
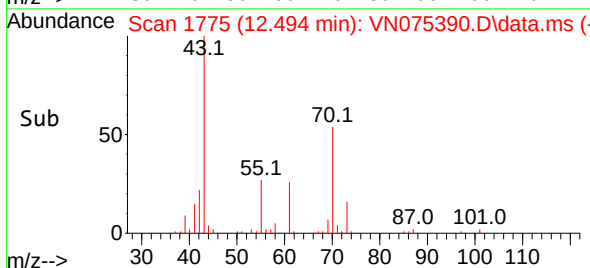
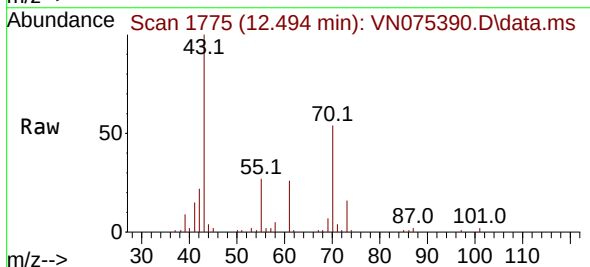
Manual Integrations
APPROVED

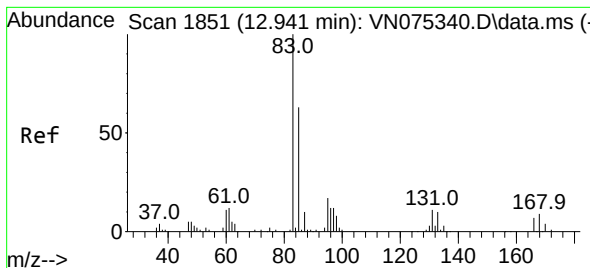
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#74
N-ethyl acetate
Concen: 20.611 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

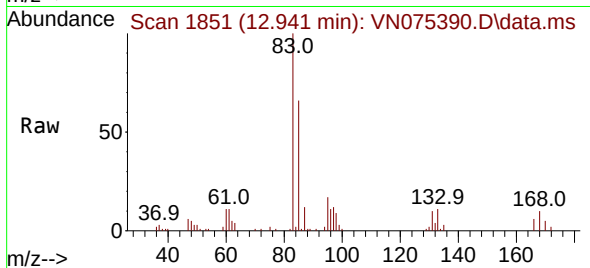
Tgt Ion: 43 Resp: 51639
Ion Ratio Lower Upper
43 100
70 51.5 39.8 59.8
55 26.6 19.9 29.9
61 27.6 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 20.211 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

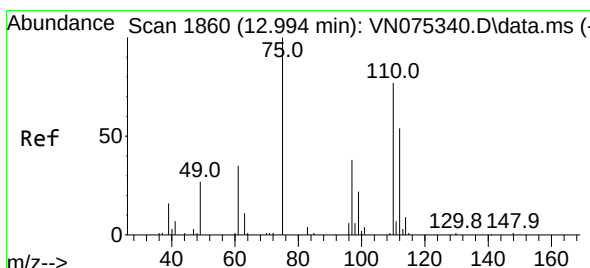
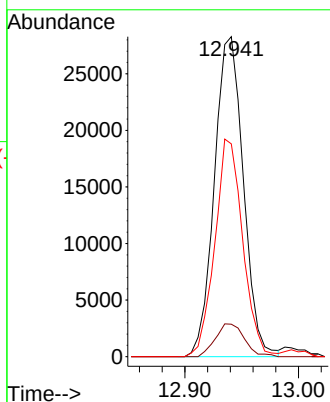
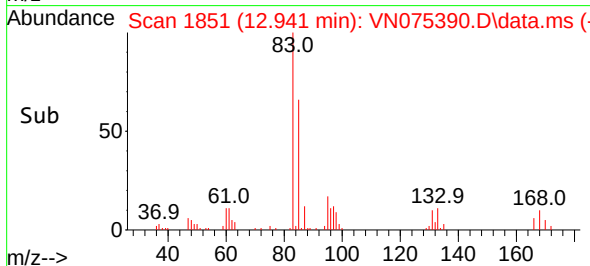
Instrument : MSVOA_N
ClientSampleId : VN1123MBSD01



Tgt Ion: 83 Resp: 50210
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 65.4 31.6 94.7

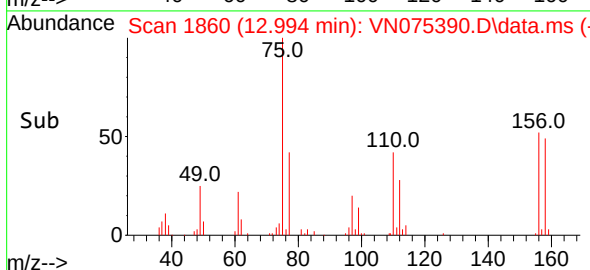
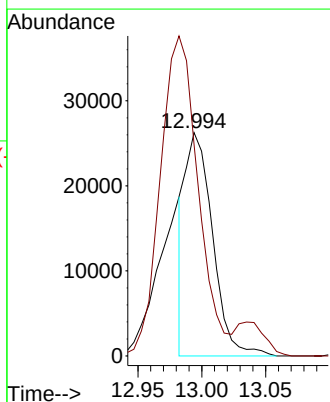
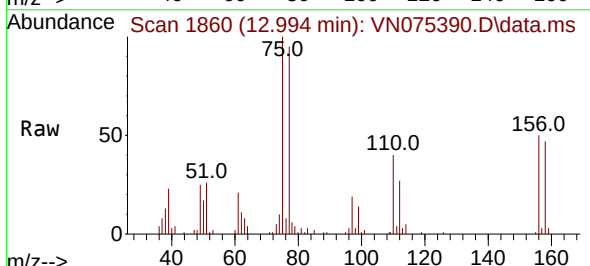
Manual Integrations
APPROVED

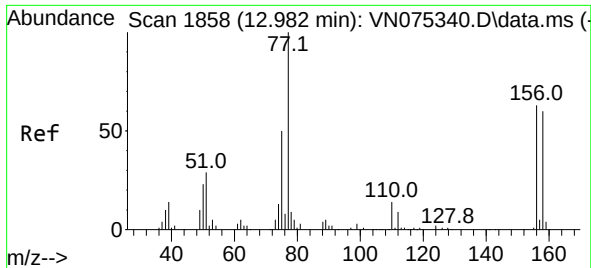
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#76
1,2,3-Trichloropropane
Concen: 18.517 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

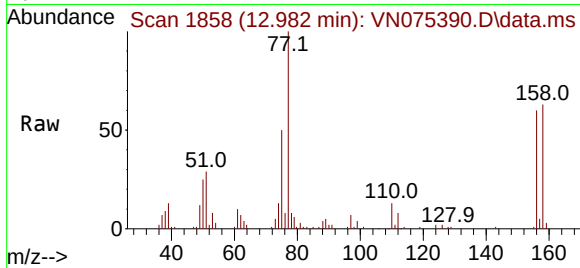
Tgt Ion: 75 Resp: 39053
Ion Ratio Lower Upper
75 100
77 198.7 75.6 226.8





#77
Bromobenzene
Concen: 19.570 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

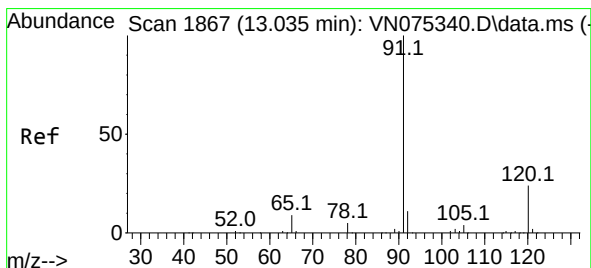
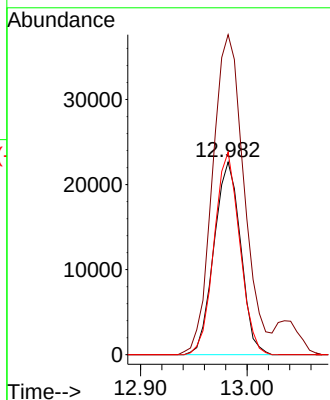
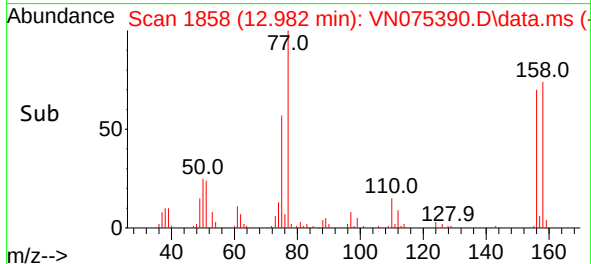
Instrument :
MSVOA_N
ClientSampleId :
VN1123MBSD01



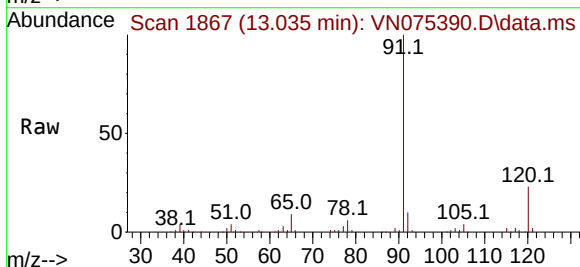
Tgt Ion:156 Resp: 3937
Ion Ratio Lower Upper
156 100
77 197.1 108.5 325.5
158 101.2 47.7 143.1

Manual Integrations
APPROVED

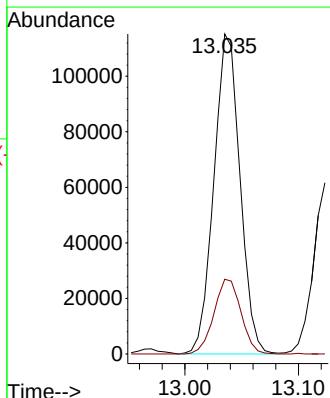
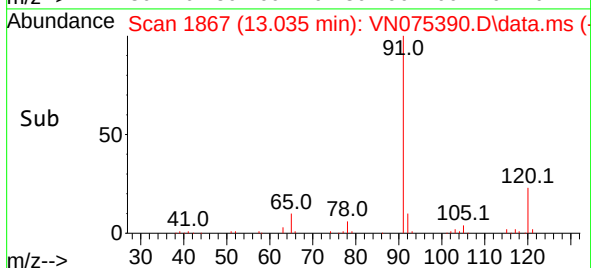
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

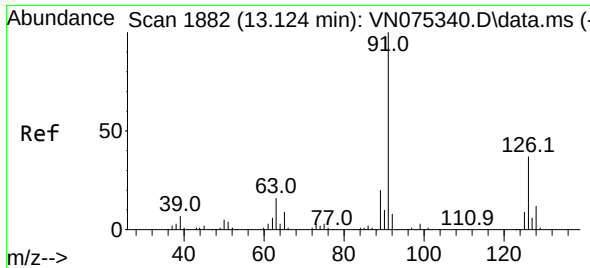


#78
n-propylbenzene
Concen: 20.263 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48



Tgt Ion: 91 Resp: 184290
Ion Ratio Lower Upper
91 100
120 24.1 11.9 35.5





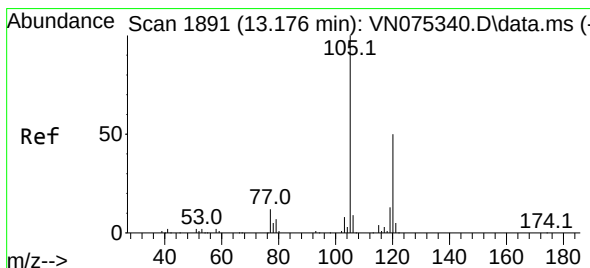
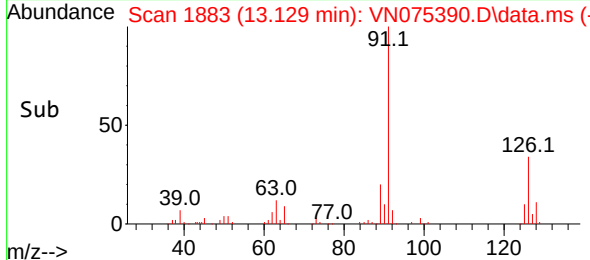
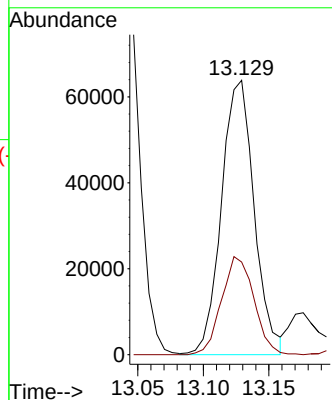
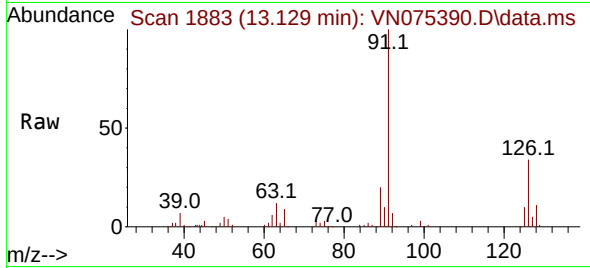
#79
2-Chlorotoluene
Concen: 20.251 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1123MBS01

Tgt Ion: 91 Resp: 110970
Ion Ratio Lower Upper
91 100
126 35.3 16.9 50.7

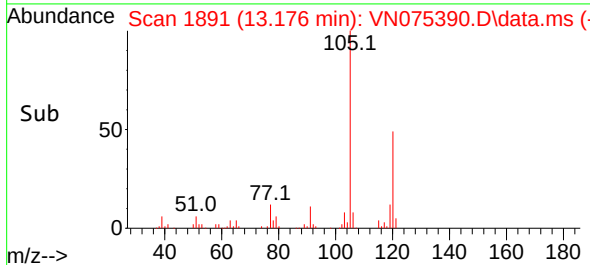
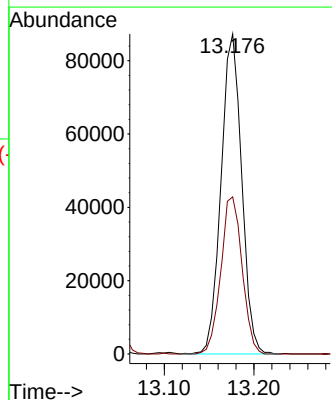
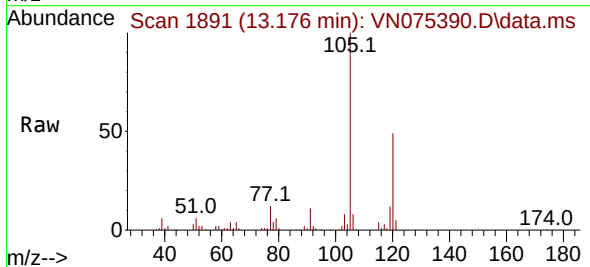
Manual Integrations
APPROVED

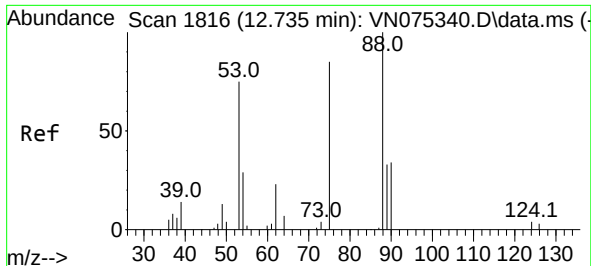
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.551 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

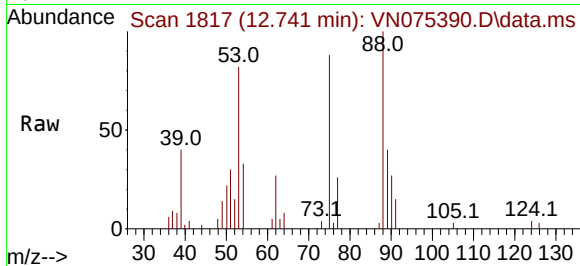
Tgt Ion:105 Resp: 139147
Ion Ratio Lower Upper
105 100
120 50.6 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 20.220 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

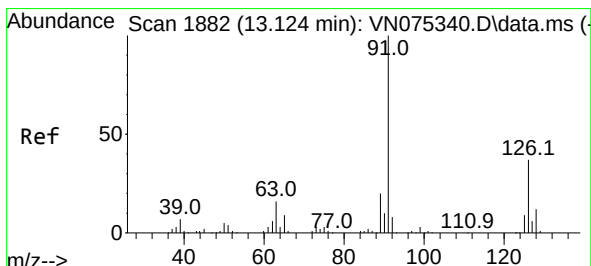
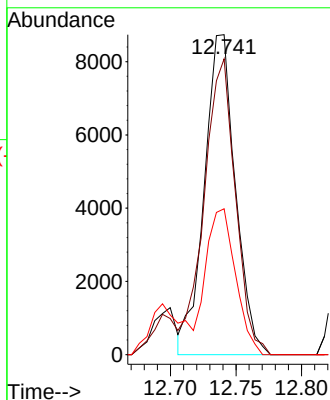
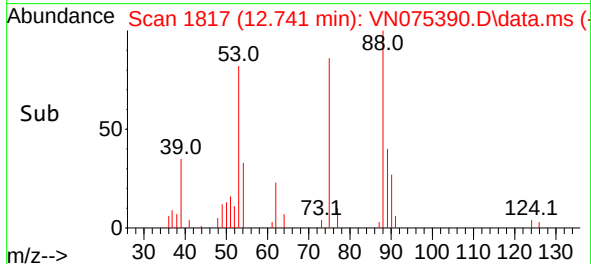
Instrument :
MSVOA_N
ClientSampleId :
VN1123MBS01



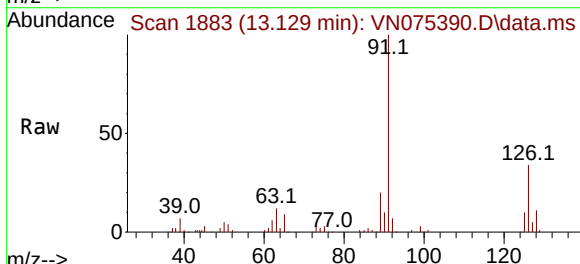
Tgt Ion: 75 Resp: 1441
Ion Ratio Lower Upper
75 100
53 92.9 78.5 117.7
89 43.3 37.7 56.5

Manual Integrations
APPROVED

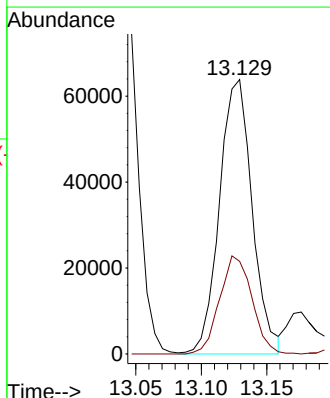
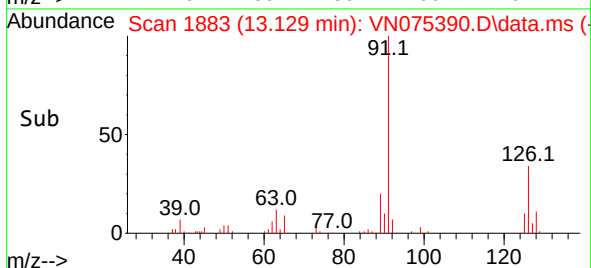
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

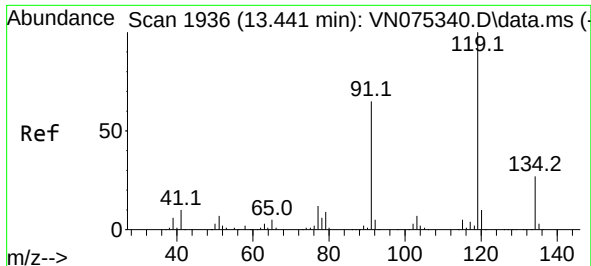


#82
4-Chlorotoluene
Concen: 20.251 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48



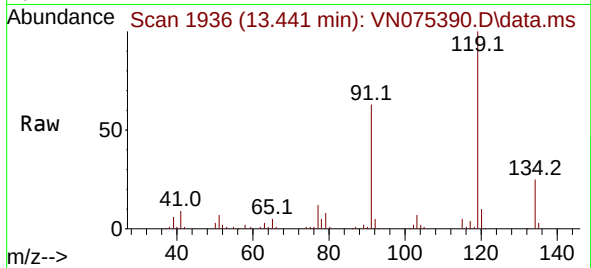
Tgt Ion: 91 Resp: 110976
Ion Ratio Lower Upper
91 100
126 35.3 16.9 50.7





#83
tert-Butylbenzene
Concen: 19.796 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

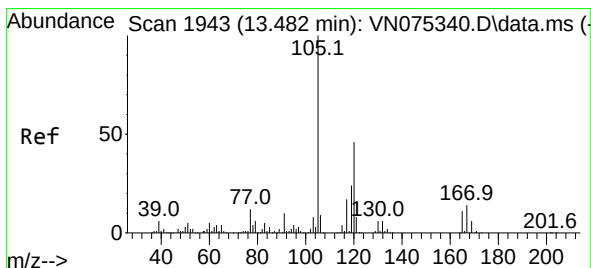
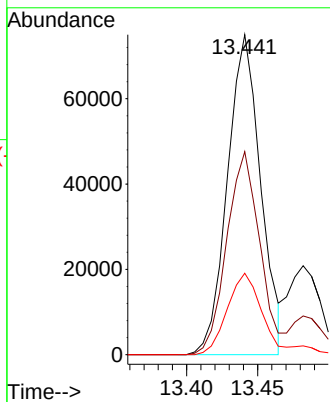
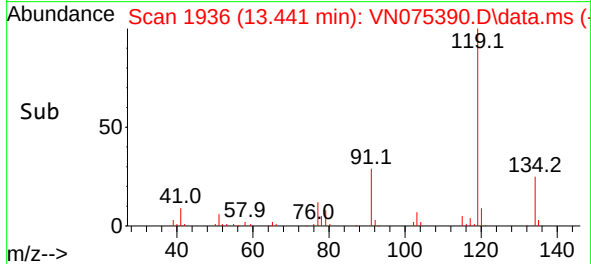
Instrument :
MSVOA_N
ClientSampleId :
VN1123MBSD01



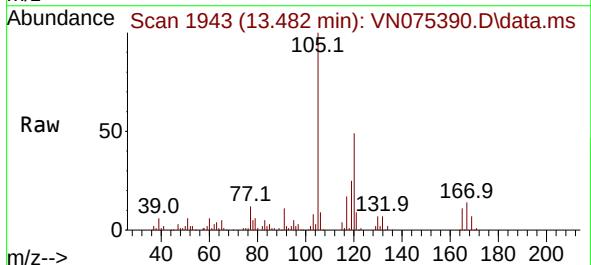
Tgt Ion:119 Resp: 122209
Ion Ratio Lower Upper
119 100
91 64.1 32.8 98.4
134 26.1 12.3 36.9

Manual Integrations
APPROVED

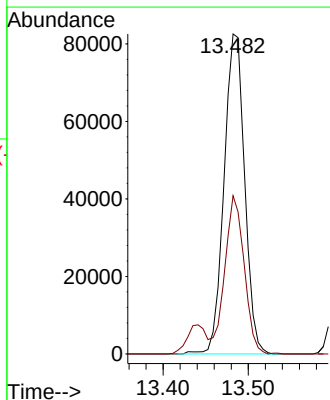
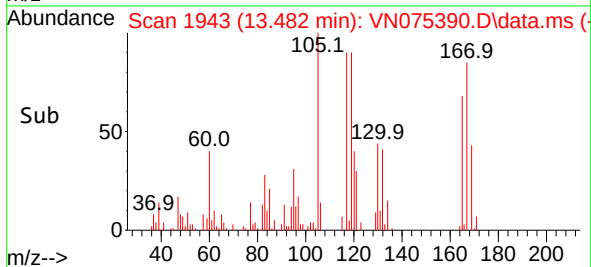
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

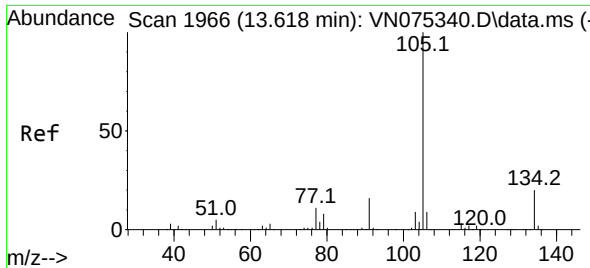


#84
1,2,4-Trimethylbenzene
Concen: 20.383 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48



Tgt Ion:105 Resp: 138429
Ion Ratio Lower Upper
105 100
120 46.9 22.7 68.1





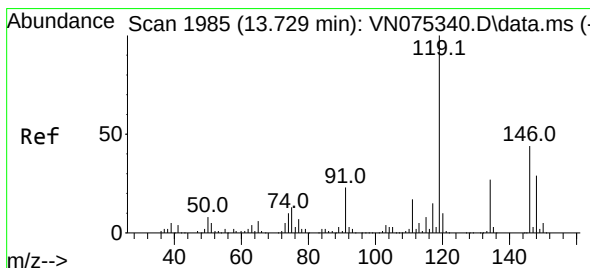
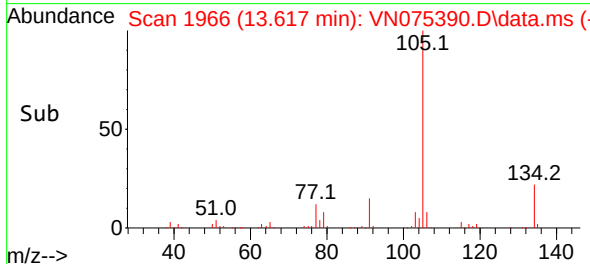
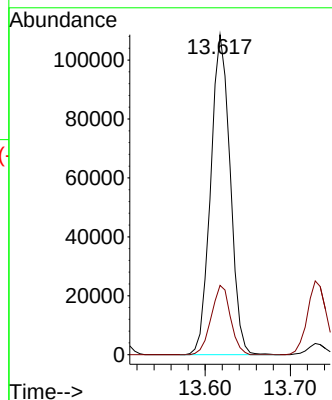
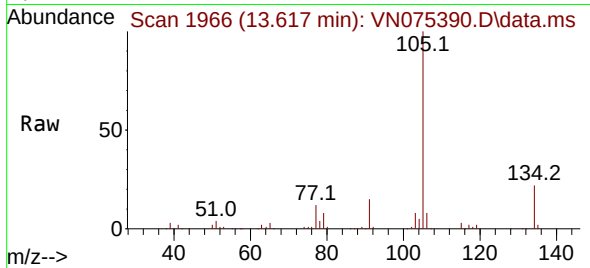
#85
 sec-Butylbenzene
 Concen: 20.606 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075390.D
 Acq: 23 Nov 2022 12:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123MBSD01

Tgt Ion:105 Resp: 172600
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.2 30.6

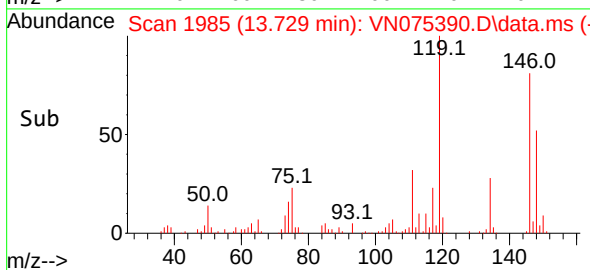
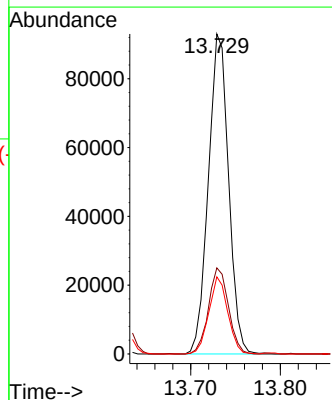
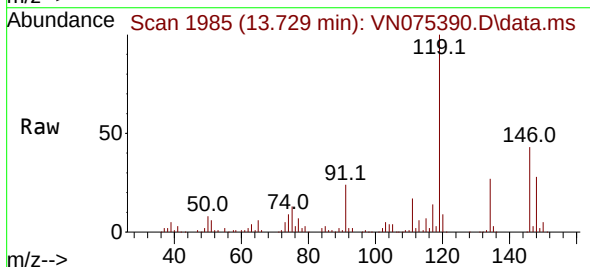
Manual Integrations
 APPROVED

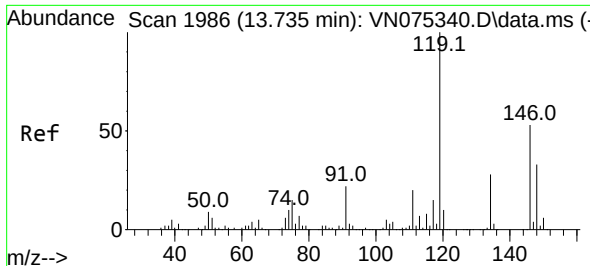
Reviewed By :John Carlone 11/25/2022
 Supervised By :Mahesh Dadoda 11/28/2022



#86
 p-Isopropyltoluene
 Concen: 20.673 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075390.D
 Acq: 23 Nov 2022 12:48

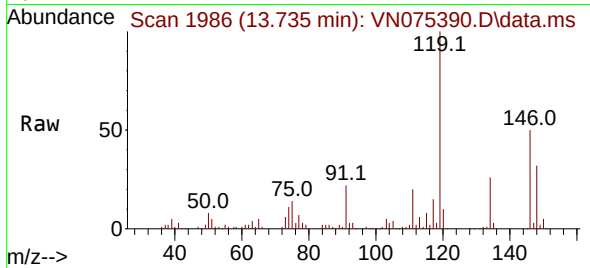
Tgt Ion:119 Resp: 145695
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.3
 91 22.6 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 19.847 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

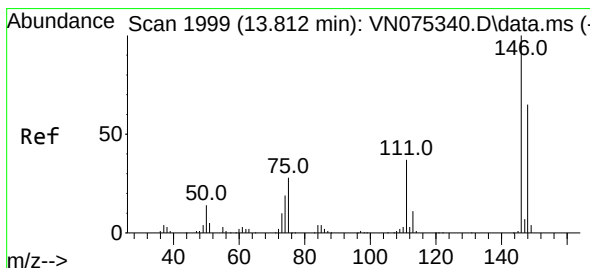
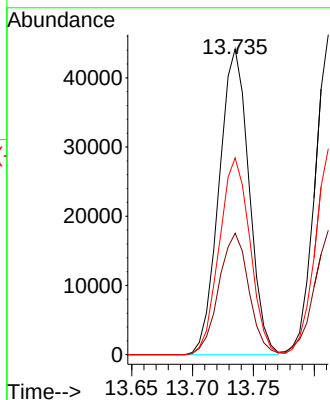
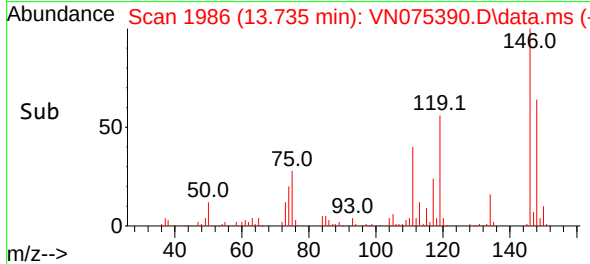
Instrument :
MSVOA_N
ClientSampleId :
VN1123MBSD01



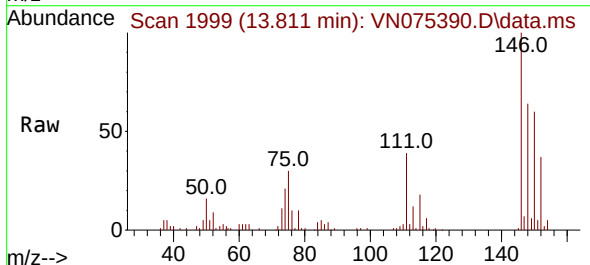
Tgt Ion:146 Resp: 75658
Ion Ratio Lower Upper
146 100
111 39.8 20.8 62.5
148 65.9 31.1 93.5

Manual Integrations
APPROVED

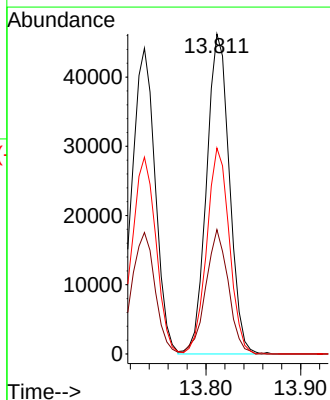
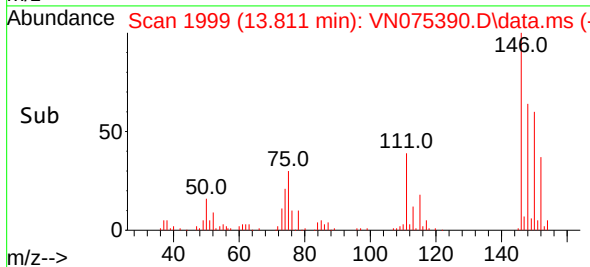
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

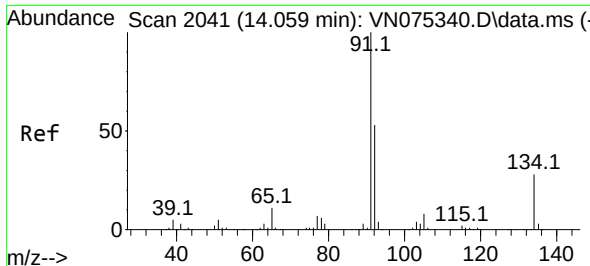


#88
1,4-Dichlorobenzene
Concen: 19.987 ug/l
RT: 13.811 min Scan# 1999
Delta R.T. -0.001 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48



Tgt Ion:146 Resp: 77397
Ion Ratio Lower Upper
146 100
111 38.6 20.1 60.3
148 63.8 31.9 95.7





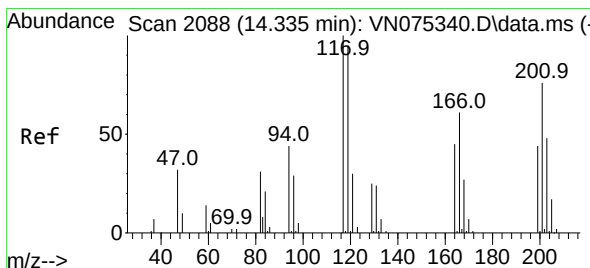
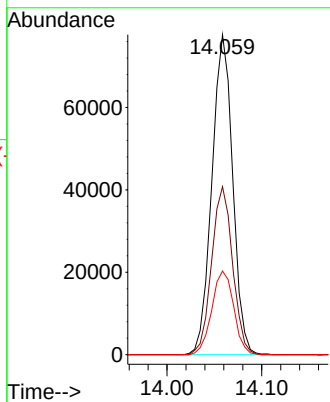
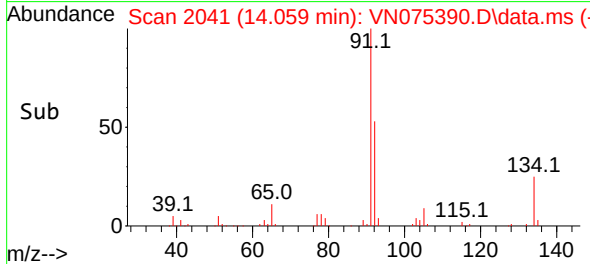
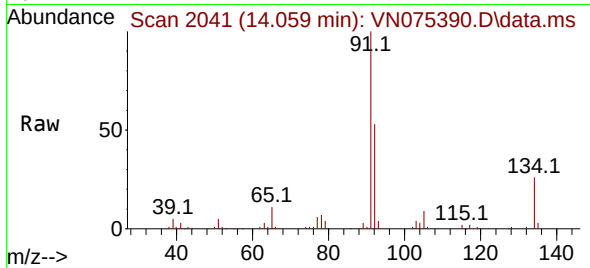
#89
n-Butylbenzene
Concen: 19.882 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1123MBS01

Tgt Ion: 91 Resp: 11834
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.4
134 27.5 13.0 39.0

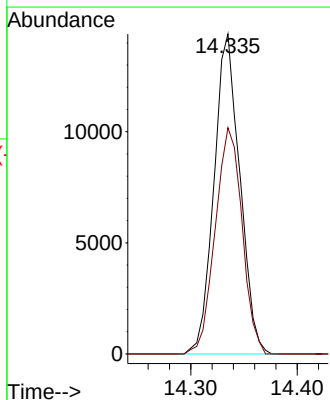
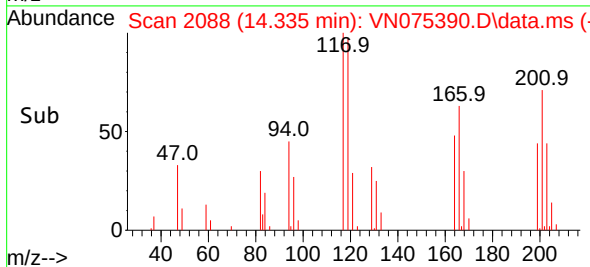
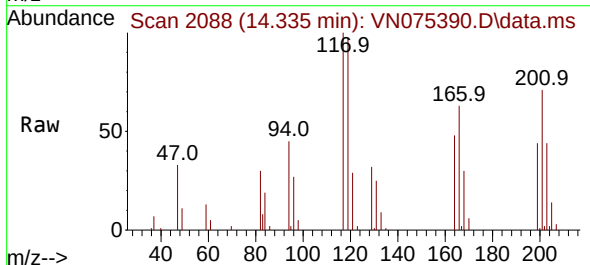
Manual Integrations
APPROVED

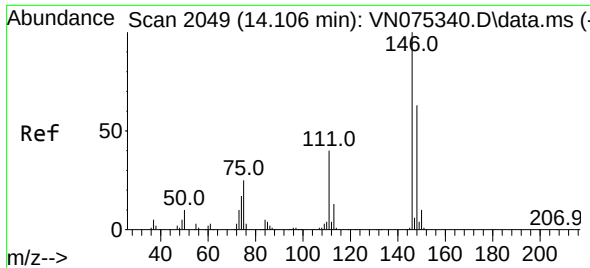
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#90
Hexachloroethane
Concen: 19.948 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

Tgt Ion:117 Resp: 24253
Ion Ratio Lower Upper
117 100
201 73.5 31.5 94.5





#91

1,2-Dichlorobenzene

Concen: 20.595 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN075390.D

Acq: 23 Nov 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN1123MBS01

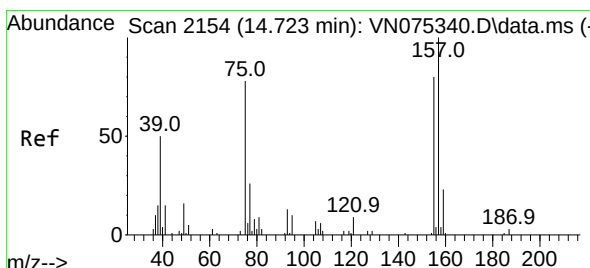
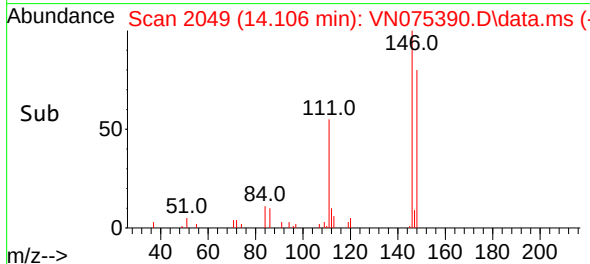
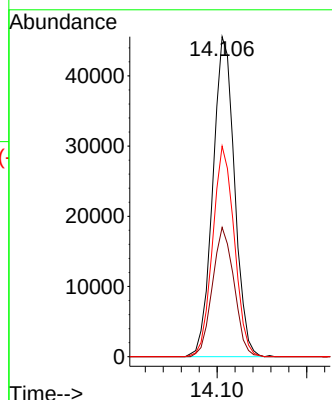
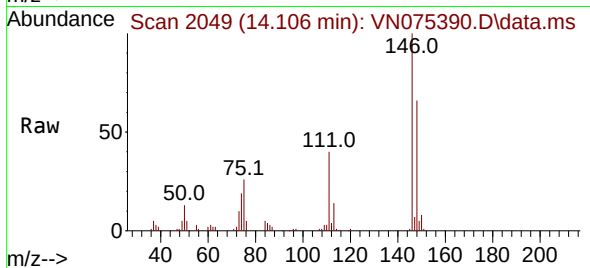
Tgt Ion:	146	Resp:	76528
Ion Ratio	Lower	Upper	
146	100		
111	40.3	21.3	63.9
148	65.6	31.4	94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.491 ug/l

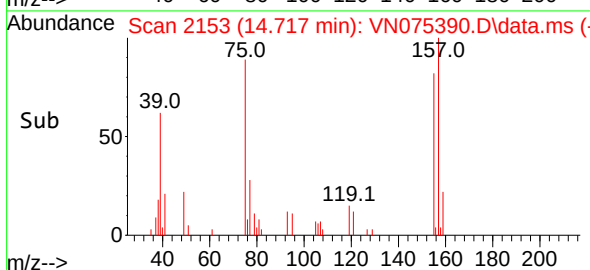
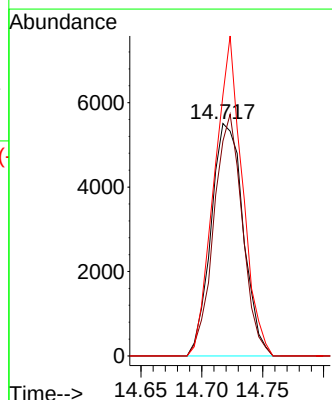
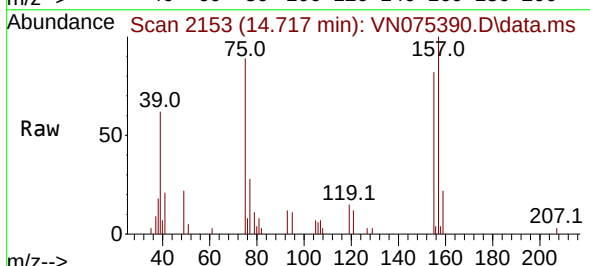
RT: 14.717 min Scan# 2153

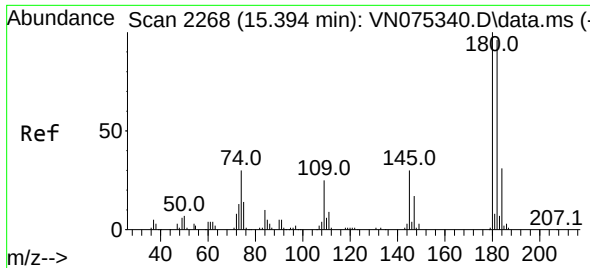
Delta R.T. -0.006 min

Lab File: VN075390.D

Acq: 23 Nov 2022 12:48

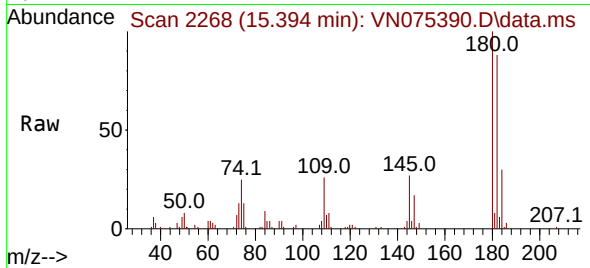
Tgt Ion:	75	Resp:	10115
Ion Ratio	Lower	Upper	
75	100		
155	92.3	42.1	126.3
157	119.8	51.7	155.1





#93
1,2,4-Trichlorobenzene
Concen: 19.902 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

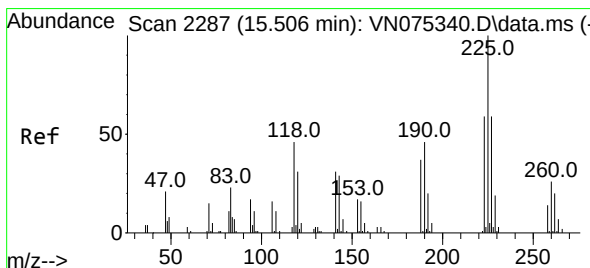
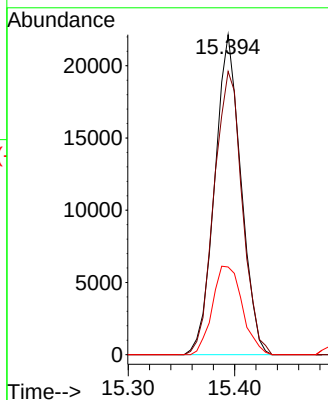
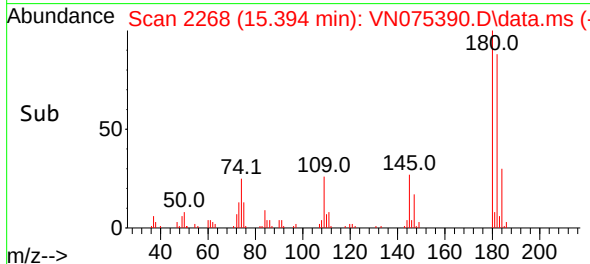
Instrument :
MSVOA_N
ClientSampleId :
VN1123MBS01



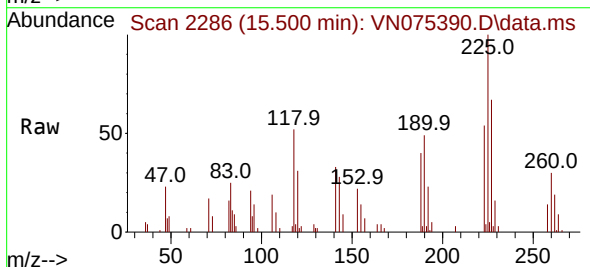
Tgt Ion:180 Resp: 37898
Ion Ratio Lower Upper
180 100
182 94.8 47.8 143.4
145 31.4 16.8 50.3

Manual Integrations
APPROVED

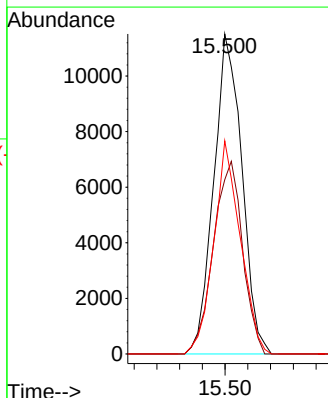
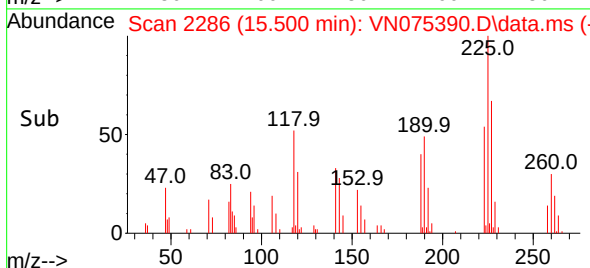
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

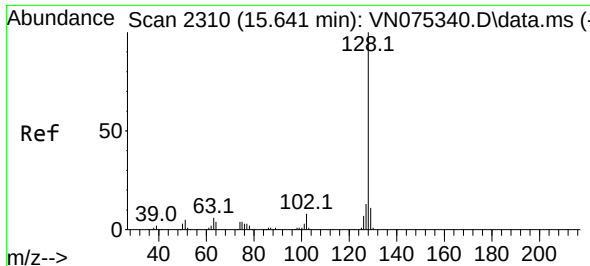


#94
Hexachlorobutadiene
Concen: 19.950 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48



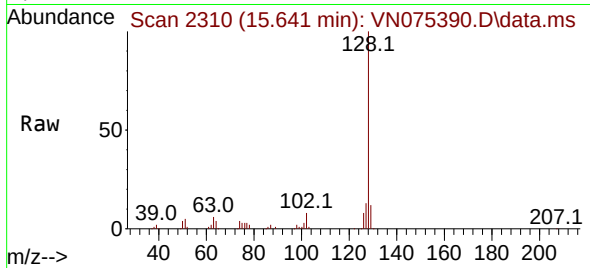
Tgt Ion:225 Resp: 19788
Ion Ratio Lower Upper
225 100
223 62.5 32.3 96.9
227 63.0 32.0 96.2





#95
Naphthalene
Concen: 20.674 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48

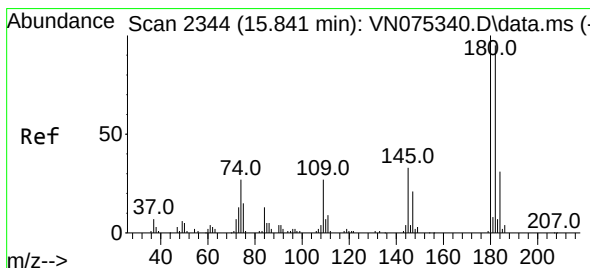
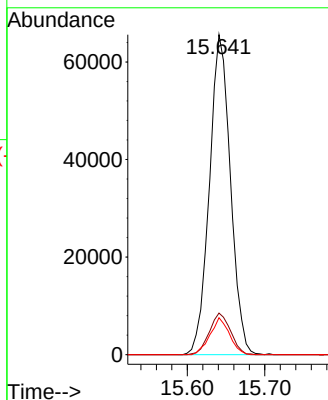
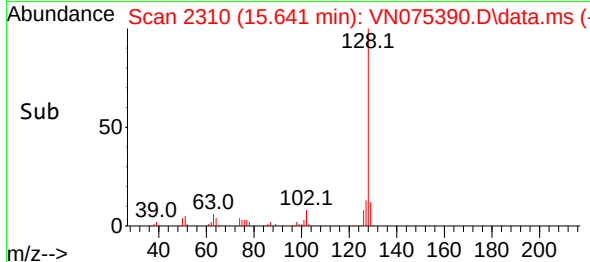
Instrument :
MSVOA_N
ClientSampleId :
VN1123MBSD01



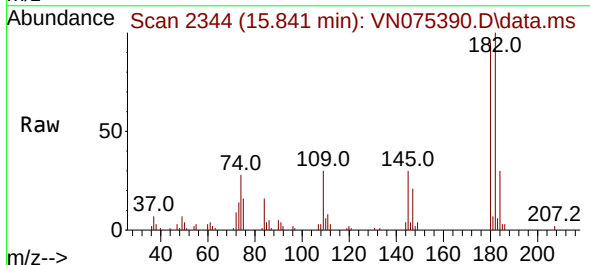
Tgt Ion:128 Resp: 123852
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.375 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075390.D
Acq: 23 Nov 2022 12:48



Tgt Ion:180 Resp: 36261
Ion Ratio Lower Upper
180 100
182 97.6 47.3 141.8
145 34.0 17.6 52.9

