

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112922\
 Data File : VN075467.D
 Acq On : 29 Nov 2022 11:40
 Operator : JC\MD
 Sample : VN1129WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/30/2022
 Supervised By : Mahesh Dadoda 11/30/2022

Quant Time: Nov 30 02:25:34 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	8.230	168	146481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	238140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	40765	51.845	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.680%			
35) Dibromofluoromethane	8.171	113	52176	55.774	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.540%			
50) Toluene-d8	10.571	98	113178	53.715	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.440%			
62) 4-Bromofluorobenzene	12.847	95	85281	54.836	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.680%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	20309	18.132	ug/l	97
3) Chloromethane	2.371	50	24538	17.606	ug/l	97
4) Vinyl Chloride	2.524	62	31335	17.840	ug/l	91
5) Bromomethane	2.942	94	28782	18.634	ug/l	93
6) Chloroethane	3.118	64	27675m	20.794	ug/l	
7) Trichlorofluoromethane	3.500	101	46798	18.650	ug/l	98
8) Diethyl Ether	3.977	74	17968	20.430	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	27963	20.186	ug/l	94
10) Methyl Iodide	4.595	142	42615	18.985	ug/l	96
11) Tert butyl alcohol	5.530	59	26509	80.312	ug/l	99
12) 1,1-Dichloroethene	4.353	96	25050	18.467	ug/l	87
13) Acrolein	4.189	56	27515	95.688	ug/l	97
14) Allyl chloride	5.030	41	34266m	19.529	ug/l	
15) Acrylonitrile	5.736	53	74908	98.917	ug/l	97
16) Acetone	4.436	43	65621	89.473	ug/l	95
17) Carbon Disulfide	4.718	76	55283	15.682	ug/l	96
18) Methyl Acetate	5.036	43	39077	20.367	ug/l	95
19) Methyl tert-butyl Ether	5.800	73	95908	19.959	ug/l	92
20) Methylene Chloride	5.289	84	31197	20.215	ug/l	89
21) trans-1,2-Dichloroethene	5.794	96	27851	18.016	ug/l	93
22) Diisopropyl ether	6.683	45	80492	20.102	ug/l	97
23) Vinyl Acetate	6.612	43	308943m	96.984	ug/l	
24) 1,1-Dichloroethane	6.577	63	51027	19.854	ug/l	95
25) 2-Butanone	7.488	43	94614	92.402	ug/l	99
26) 2,2-Dichloropropane	7.500	77	44138	18.478	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	34488	19.729	ug/l	94
28) Bromochloromethane	7.812	49	21059	20.186	ug/l	85
29) Tetrahydrofuran	7.847	42	59594	95.683	ug/l	99
30) Chloroform	7.971	83	56025	18.982	ug/l	96
31) Cyclohexane	8.265	56	44128	17.664	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	50714	18.924	ug/l	95
36) 1,1-Dichloropropene	8.377	75	38786	19.012	ug/l	97
37) Ethyl Acetate	7.565	43	37431	20.377	ug/l	99
38) Carbon Tetrachloride	8.365	117	44116	19.685	ug/l	100
39) Methylcyclohexane	9.600	83	49001	19.192	ug/l	98
40) Benzene	8.612	78	123266	19.735	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	18532	19.733	ug/l	94
42) 1,2-Dichloroethane	8.671	62	42713	20.418	ug/l	97
43) Isopropyl Acetate	8.694	43	60223	20.425	ug/l	98
44) Trichloroethene	9.359	130	33198	19.424	ug/l	99
45) 1,2-Dichloropropane	9.624	63	29382	19.739	ug/l	93
46) Dibromomethane	9.712	93	22963	20.396	ug/l	91
47) Bromodichloromethane	9.894	83	43632	20.012	ug/l	96
48) Methyl methacrylate	9.682	41	27632	20.267	ug/l	94
49) 1,4-Dioxane	9.694	88	15154	391.433	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	188148	100.186	ug/l	96
52) Toluene	10.629	92	83325	20.701	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	44303	20.240	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	47784	20.100	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	33929	20.696	ug/l	96
56) Ethyl methacrylate	10.876	69	46161	20.850	ug/l	98
57) 1,3-Dichloropropane	11.165	76	53721	20.097	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	76360	95.632	ug/l	98
59) 2-Hexanone	11.200	43	139053	98.606	ug/l	96
60) Dibromochloromethane	11.359	129	36034	21.414	ug/l	97
61) 1,2-Dibromoethane	11.471	107	33739	19.828	ug/l	98
64) Tetrachloroethene	11.106	164	32143	18.877	ug/l	92
65) Chlorobenzene	11.894	112	89129	19.356	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	35140	20.447	ug/l	98
67) Ethyl Benzene	11.965	91	157536	20.053	ug/l	99
68) m/p-Xylenes	12.070	106	125165	39.233	ug/l	100
69) o-Xylene	12.400	106	63047	19.890	ug/l	96
70) Styrene	12.412	104	99720	19.943	ug/l	99
71) Bromoform	12.576	173	26792	20.483	ug/l #	99
73) Isopropylbenzene	12.694	105	157241	20.242	ug/l	98
74) N-amyl acetate	12.494	43	48448	20.287	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	49865	21.055	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	36268m	18.041	ug/l	
77) Bromobenzene	12.982	156	38561	20.107	ug/l	86
78) n-propylbenzene	13.035	91	176326	20.339	ug/l	100
79) 2-Chlorotoluene	13.129	91	108628	20.796	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	136574	21.162	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	13113	19.300	ug/l	96
82) 4-Chlorotoluene	13.129	91	108628	20.796	ug/l	97
83) tert-Butylbenzene	13.441	119	117499	19.968	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	136643	21.108	ug/l	99
85) sec-Butylbenzene	13.617	105	165738	20.758	ug/l	99
86) p-Isopropyltoluene	13.729	119	138709	20.649	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	73233	20.154	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	72192	19.559	ug/l	99
89) n-Butylbenzene	14.059	91	107399	18.930	ug/l	98
90) Hexachloroethane	14.335	117	22497	19.413	ug/l	81
91) 1,2-Dichlorobenzene	14.106	146	72695	20.525	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8950	19.950	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	34911	19.234	ug/l	98
94) Hexachlorobutadiene	15.500	225	18685	19.763	ug/l	98
95) Naphthalene	15.641	128	108946	19.079	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	33738	18.912	ug/l	96

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ALS Vial : 6 Sample Multiplier: 1

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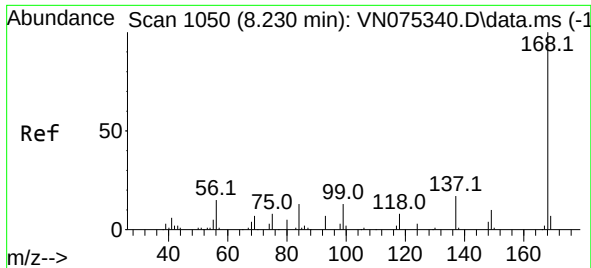
Manual Integrations
APPROVED

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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

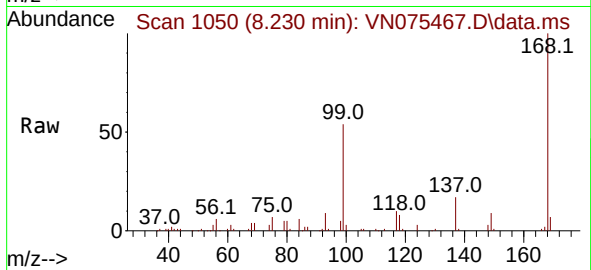
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075467.D
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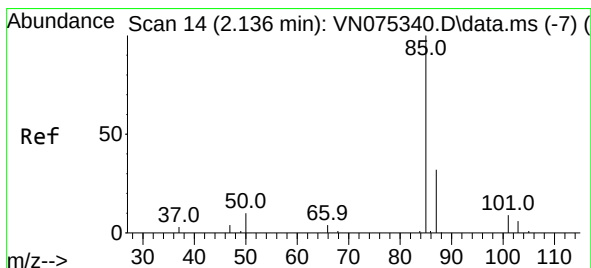
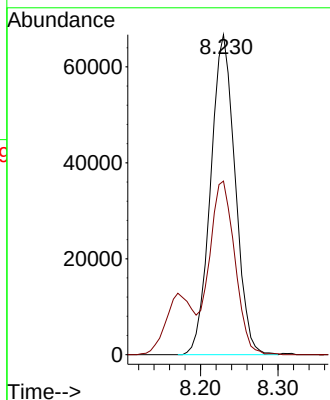
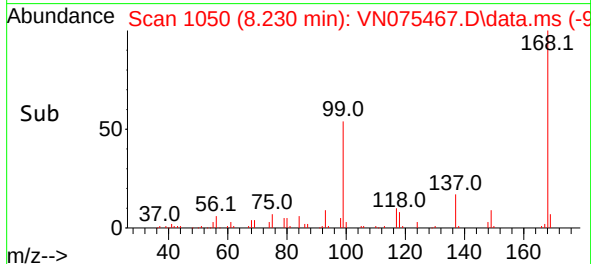
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



Tgt Ion:168 Resp: 14648
Ion Ratio Lower Upper
168 100
99 54.0 51.6 77.4

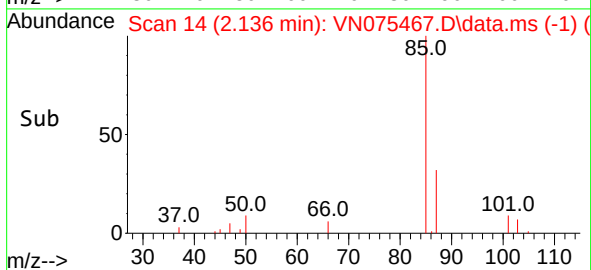
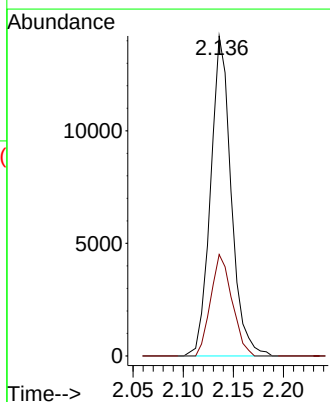
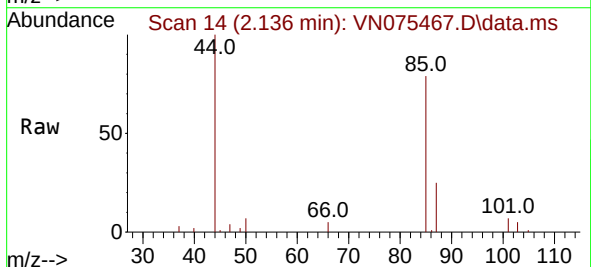
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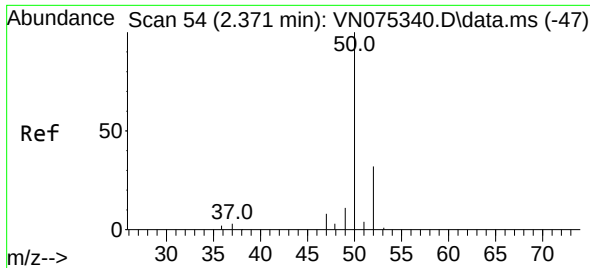
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#2
Dichlorodifluoromethane
Concen: 18.132 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

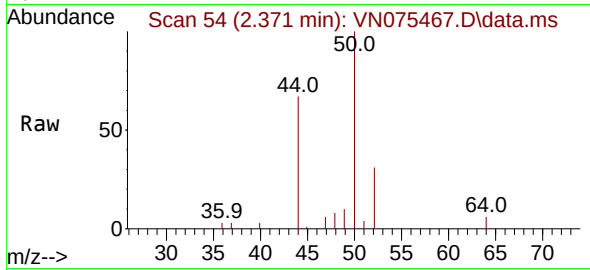
Tgt Ion: 85 Resp: 20309
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.0





#3
Chloromethane
Concen: 17.606 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

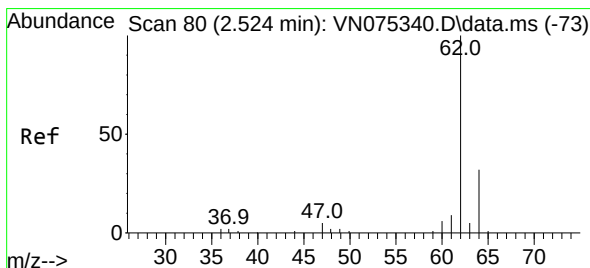
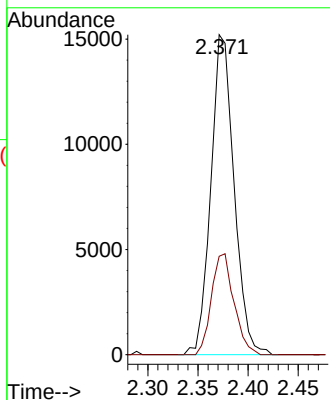
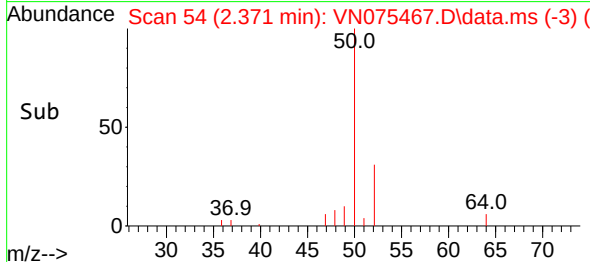
Instrument :
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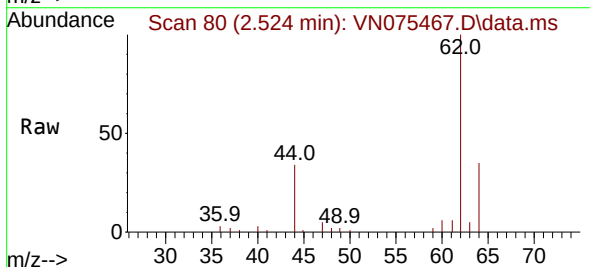
Tgt Ion: 50 Resp: 24538
Ion Ratio Lower Upper
50 100
52 30.7 25.8 38.6

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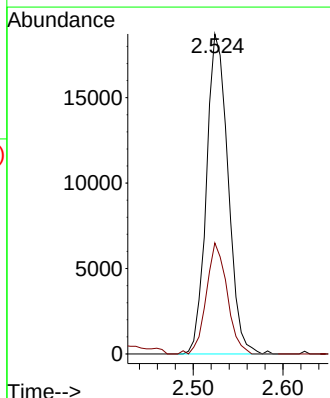
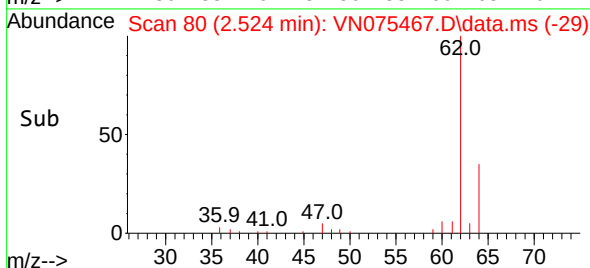
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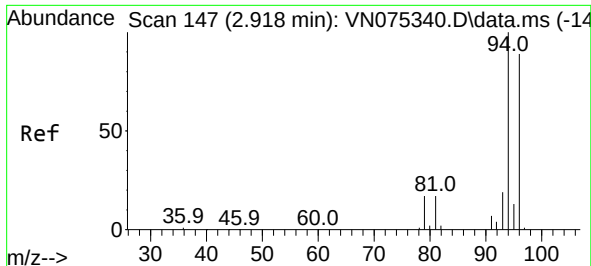


#4
Vinyl Chloride
Concen: 17.840 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40



Tgt Ion: 62 Resp: 31335
Ion Ratio Lower Upper
62 100
64 34.7 24.0 36.0





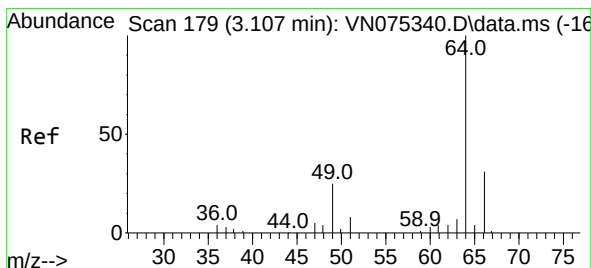
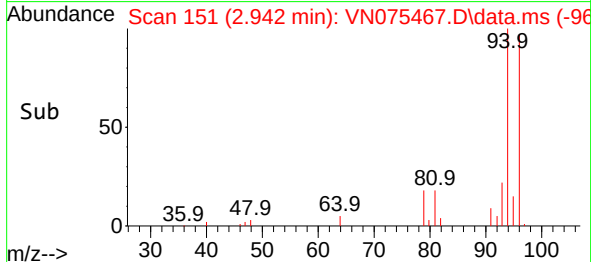
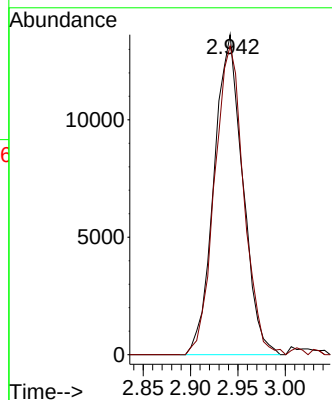
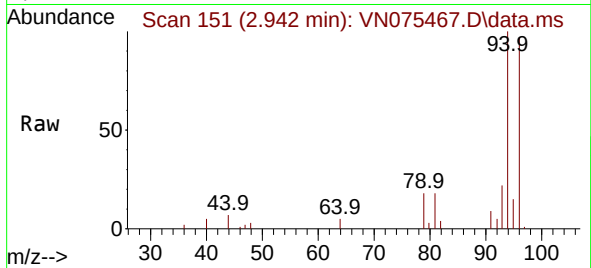
#5
Bromomethane
Concen: 18.634 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 2878
Ion Ratio Lower Upper
94 100
96 96.5 71.8 107.6

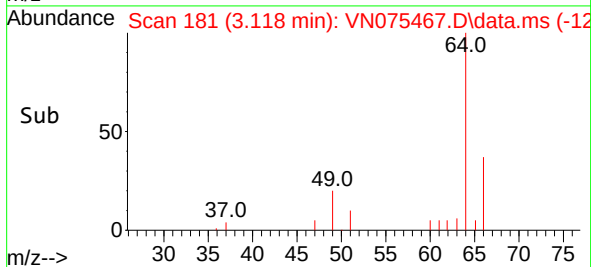
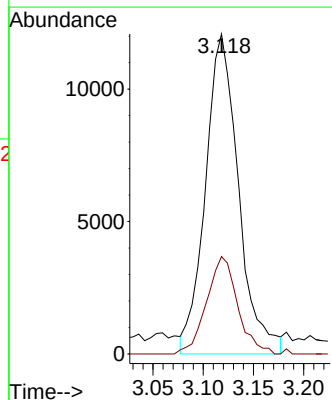
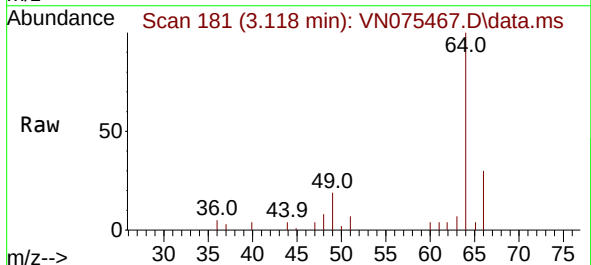
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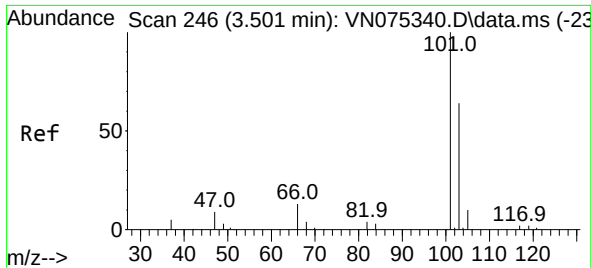
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#6
Chloroethane
Concen: 20.794 ug/l m
RT: 3.118 min Scan# 181
Delta R.T. 0.011 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

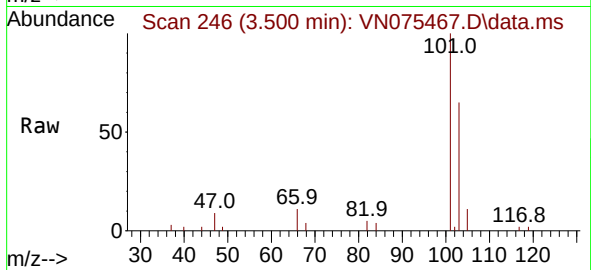
Tgt Ion: 64 Resp: 27675
Ion Ratio Lower Upper
64 100
66 30.4 23.8 35.8





#7
Trichlorofluoromethane
Concen: 18.650 ug/l
RT: 3.500 min Scan# 246
Delta R.T. -0.001 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

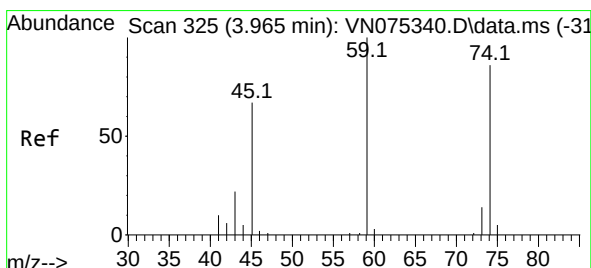
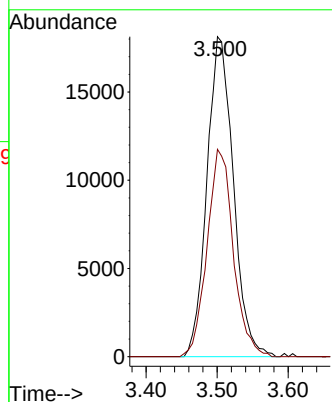
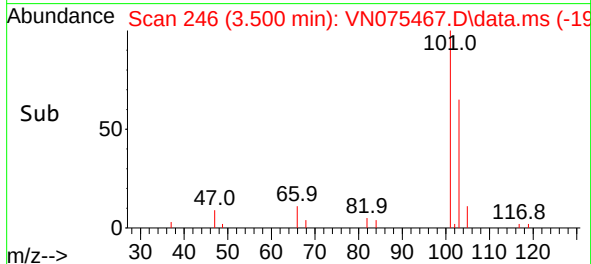
Instrument :
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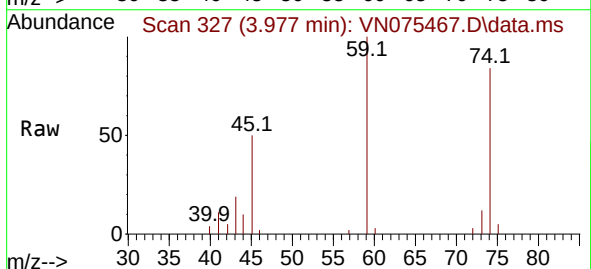
Tgt Ion:101 Resp: 46798
Ion Ratio Lower Upper
101 100
103 64.8 50.5 75.7

Manual Integrations
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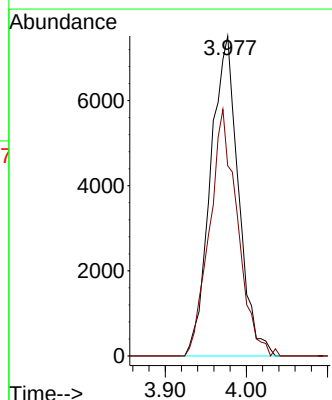
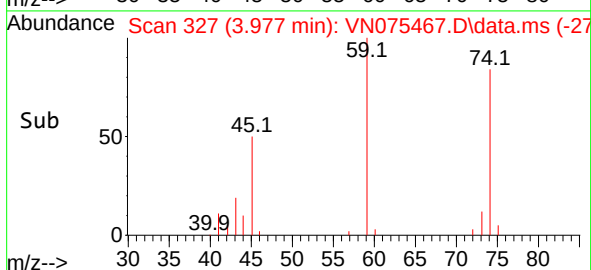
Reviewed By :John Carlone 11/30/2022
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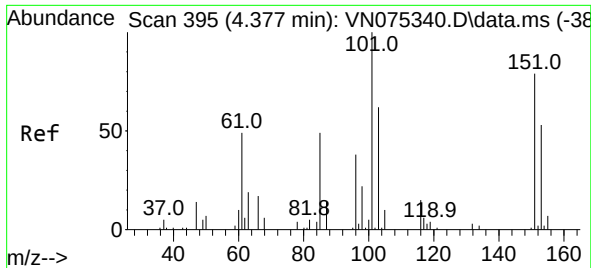


#8
Diethyl Ether
Concen: 20.430 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.012 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40



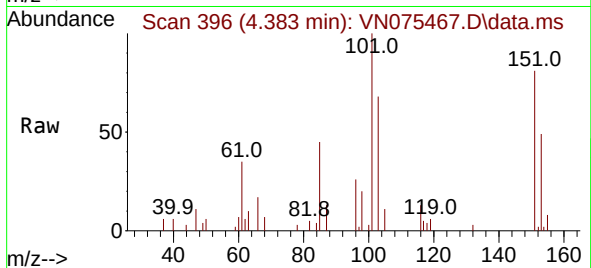
Tgt Ion: 74 Resp: 17968
Ion Ratio Lower Upper
74 100
45 76.9 39.3 117.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.186 ug/l
RT: 4.383 min Scan# 395
Delta R.T. 0.006 min
Lab File: VN075467.D
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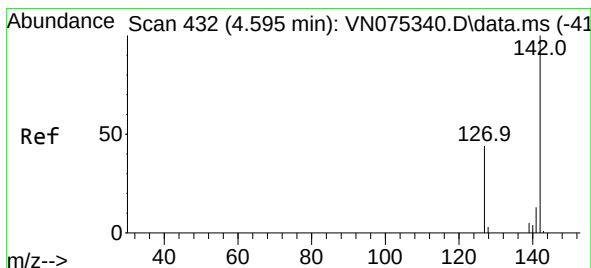
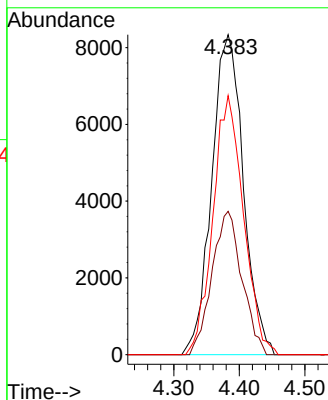
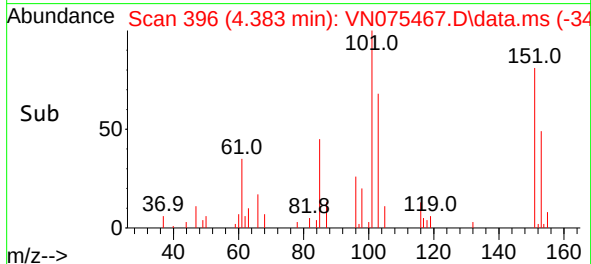
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VN1129WBSD01



Tgt Ion:101 Resp: 2796
Ion Ratio Lower Upper
101 100
85 42.5 37.6 56.4
151 78.0 58.3 87.5

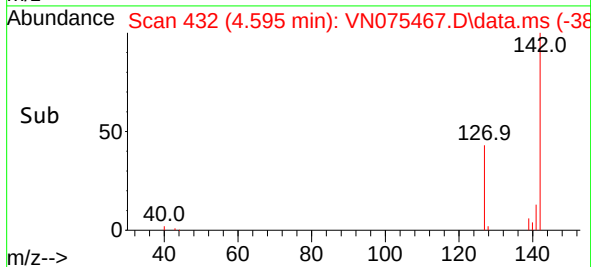
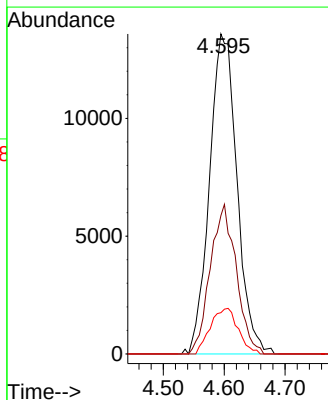
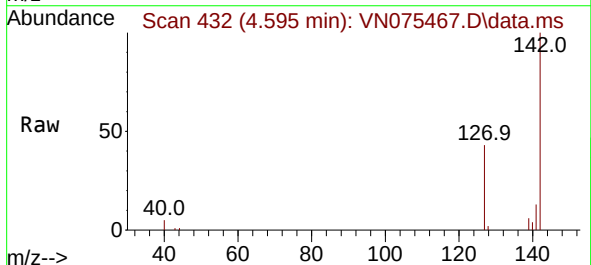
Manual Integrations
APPROVED

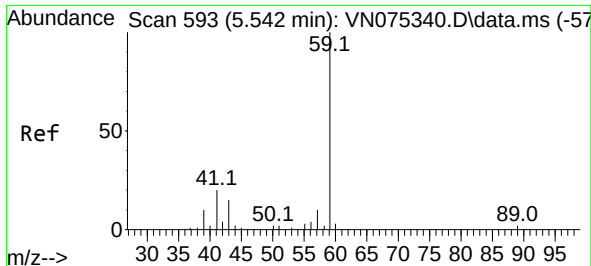
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#10
Methyl Iodide
Concen: 18.985 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

Tgt Ion:142 Resp: 42615
Ion Ratio Lower Upper
142 100
127 44.3 38.0 57.0
141 14.4 12.2 18.4





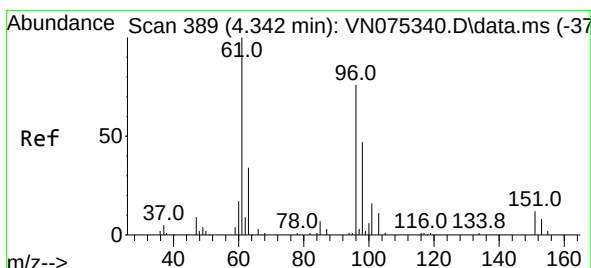
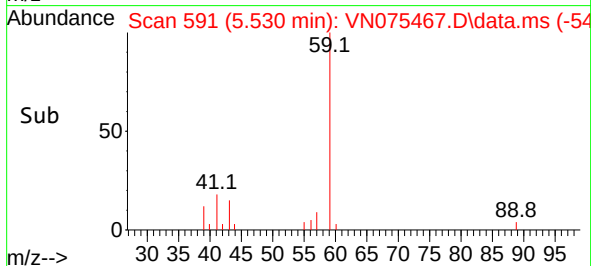
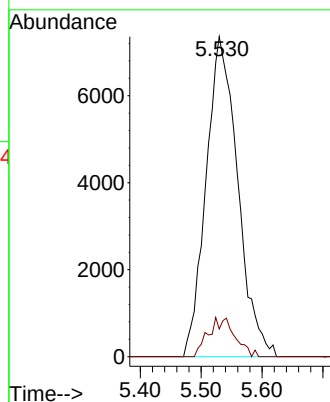
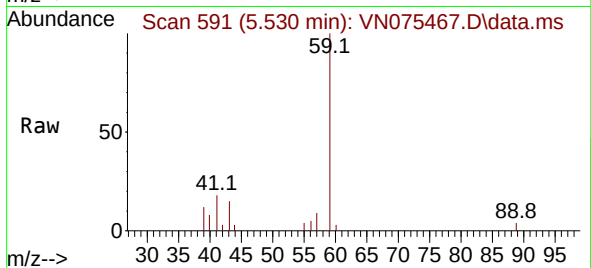
#11
Tert butyl alcohol
Concen: 80.312 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.012 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion: 59 Resp: 26509
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7

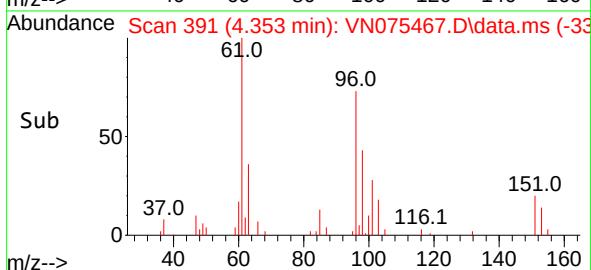
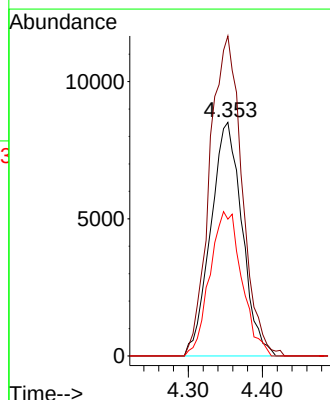
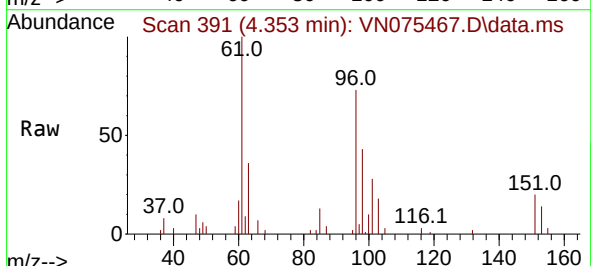
Manual Integrations
APPROVED

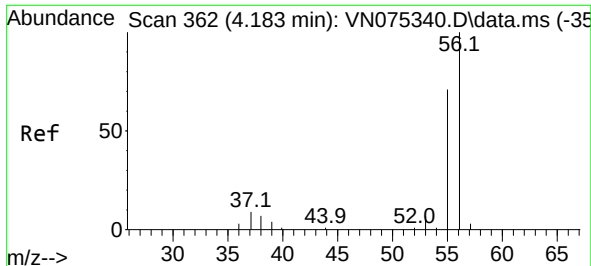
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#12
1,1-Dichloroethene
Concen: 18.467 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.011 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

Tgt Ion: 96 Resp: 25050
Ion Ratio Lower Upper
96 100
61 137.0 126.2 189.4
98 58.6 51.5 77.3





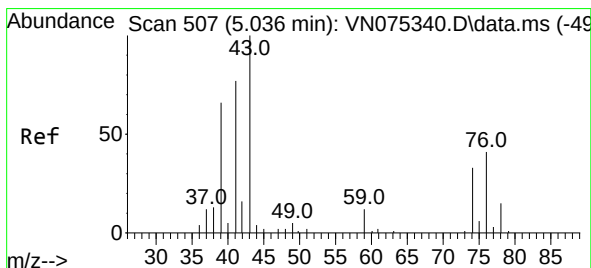
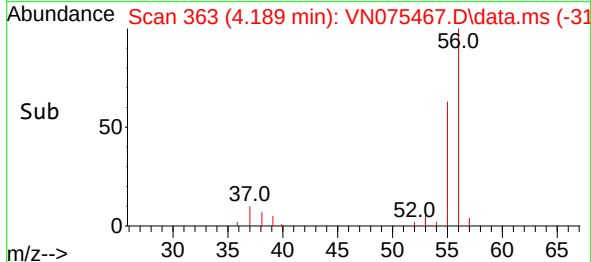
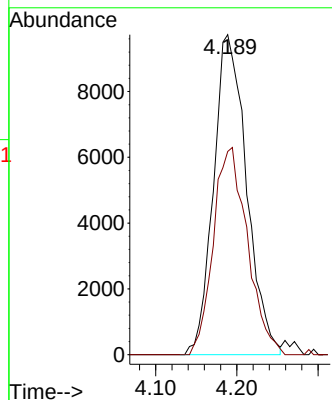
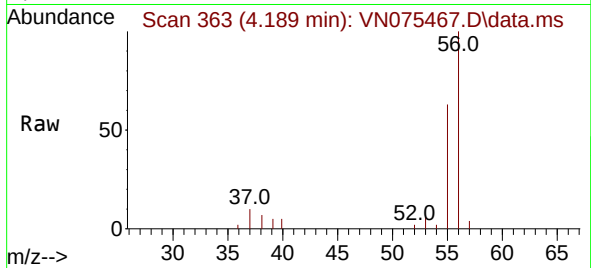
#13
Acrolein
Concen: 95.688 ug/l
RT: 4.189 min Scan# 362
Delta R.T. 0.006 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion: 56 Resp: 2751
Ion Ratio Lower Upper
56 100
55 66.8 55.2 82.8

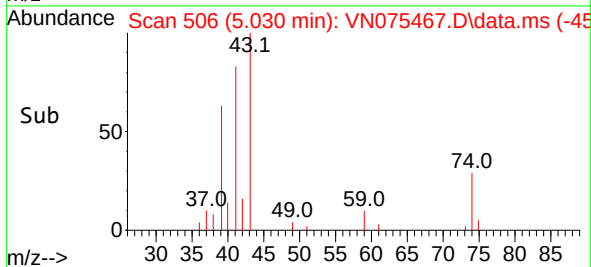
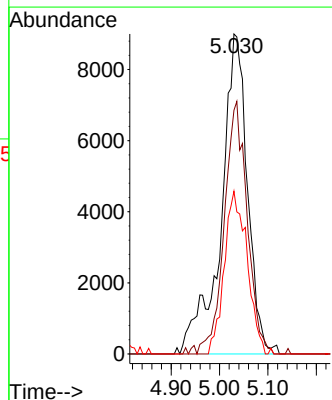
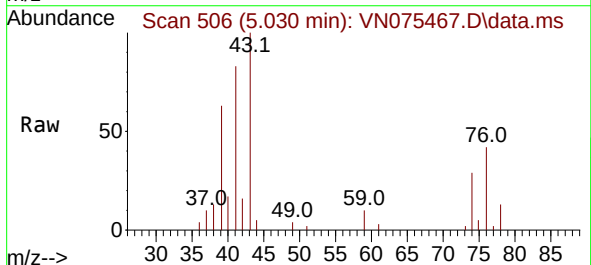
Manual Integrations
APPROVED

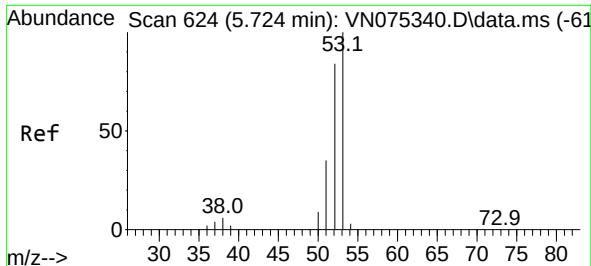
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#14
Allyl chloride
Concen: 19.529 ug/l m
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

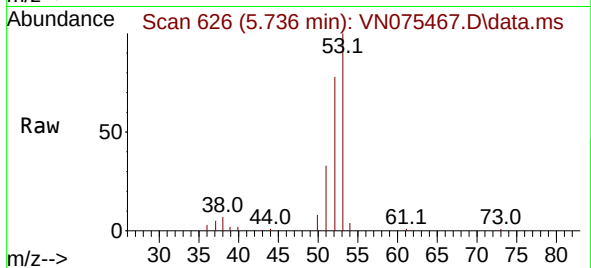
Tgt Ion: 41 Resp: 34266
Ion Ratio Lower Upper
41 100
39 68.1 61.0 91.4
76 43.6 33.4 50.0





#15
Acrylonitrile
Concen: 98.917 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

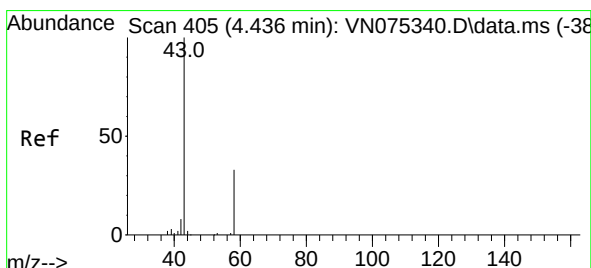
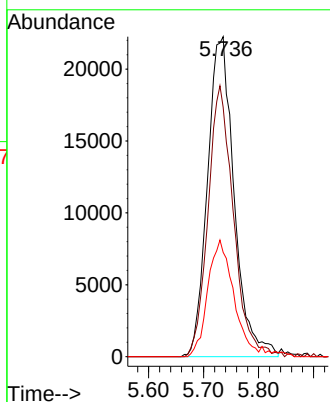
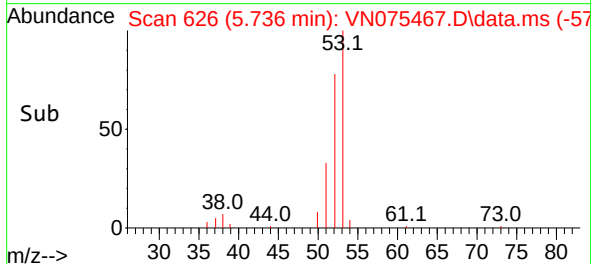
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



Tgt Ion: 53 Resp: 74908
Ion Ratio Lower Upper
53 100
52 80.8 66.4 99.6
51 35.2 29.6 44.4

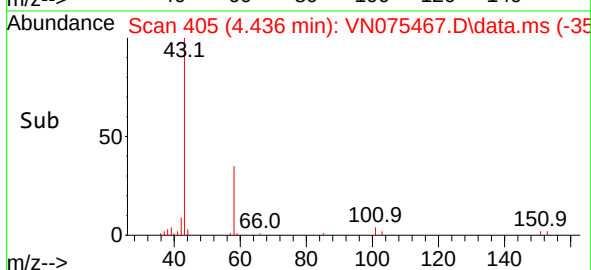
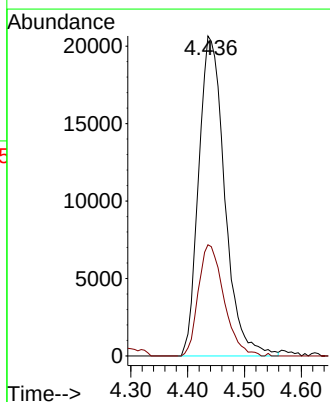
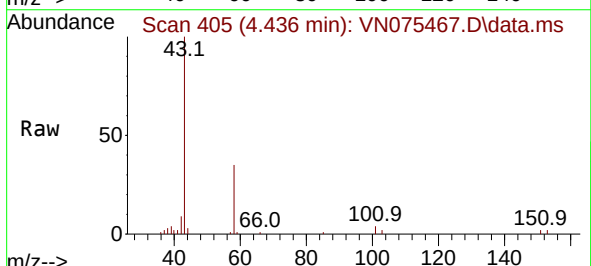
Manual Integrations
APPROVED

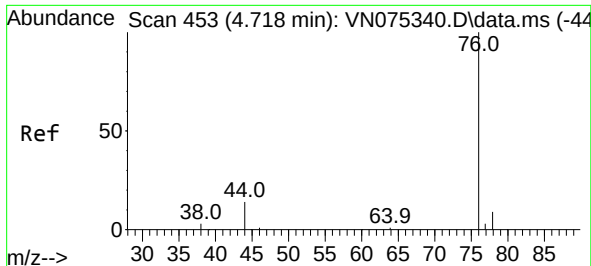
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#16
Acetone
Concen: 89.473 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

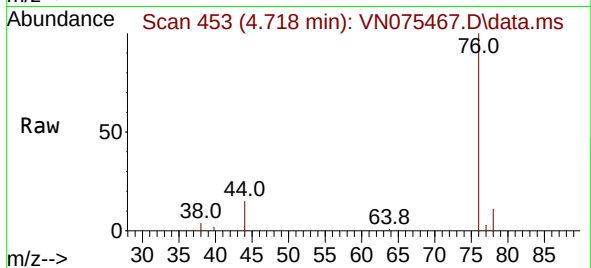
Tgt Ion: 43 Resp: 65621
Ion Ratio Lower Upper
43 100
58 34.8 25.5 38.3





#17
Carbon Disulfide
Concen: 15.682 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

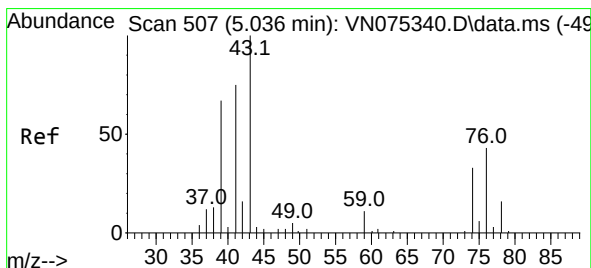
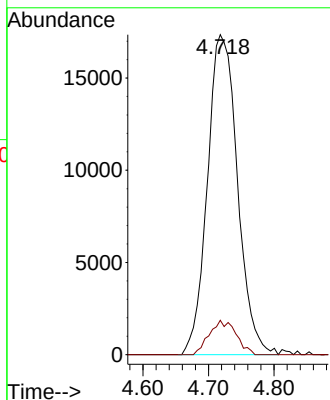
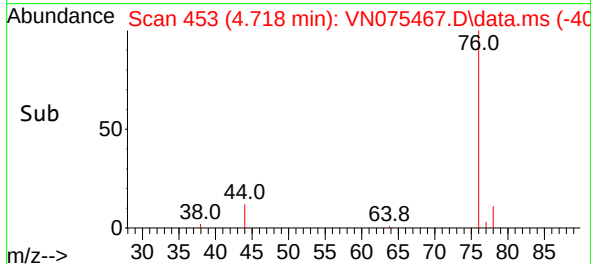
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



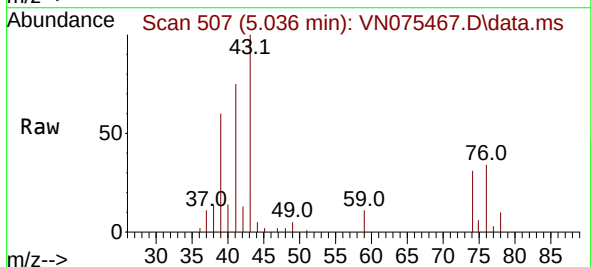
Tgt Ion: 76 Resp: 5528
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.2

Manual Integrations
APPROVED

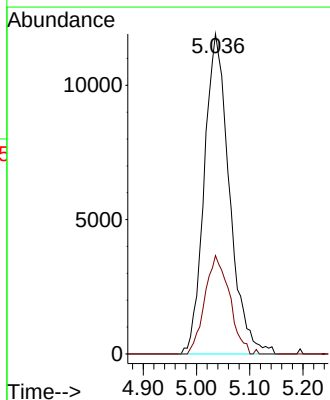
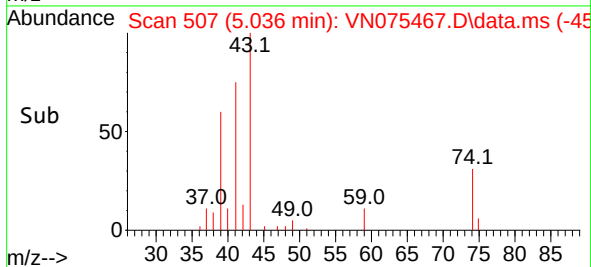
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022

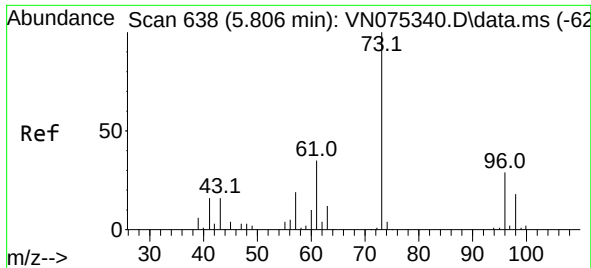


#18
Methyl Acetate
Concen: 20.367 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40



Tgt Ion: 43 Resp: 39077
Ion Ratio Lower Upper
43 100
74 30.1 22.0 33.0





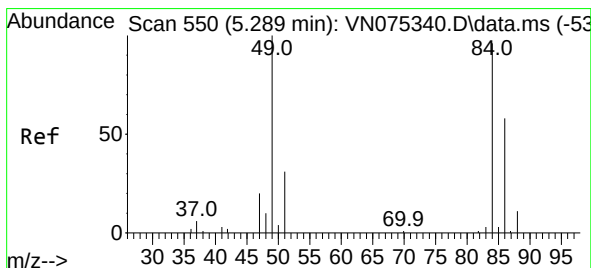
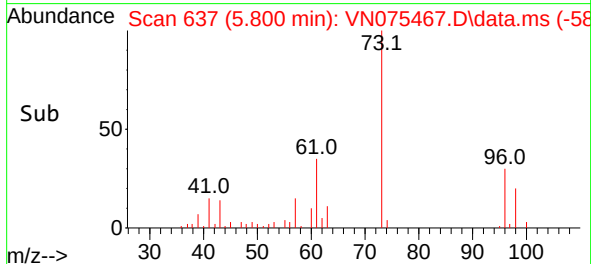
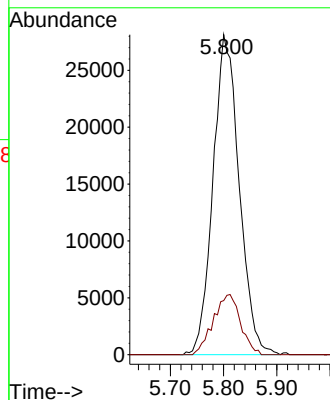
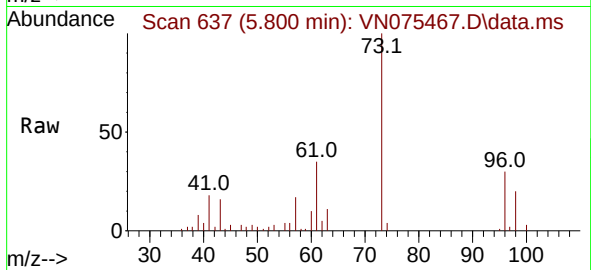
#19
Methyl tert-butyl Ether
Concen: 19.959 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion: 73 Resp: 95908
Ion Ratio Lower Upper
73 100
57 16.9 16.3 24.5

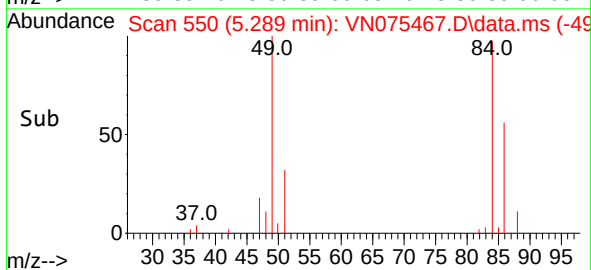
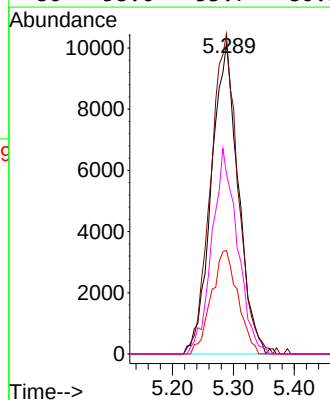
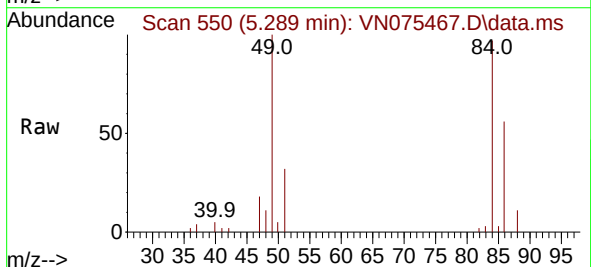
Manual Integrations
APPROVED

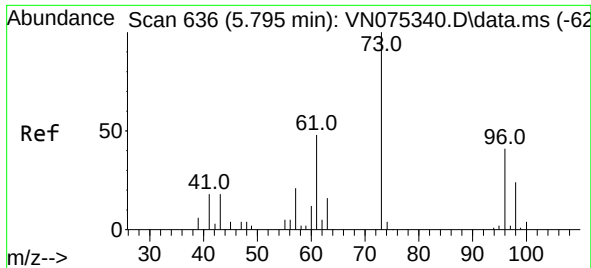
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#20
Methylene Chloride
Concen: 20.215 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

Tgt Ion: 84 Resp: 31197
Ion Ratio Lower Upper
84 100
49 103.1 94.9 142.3
51 33.3 26.8 40.2
86 58.0 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 18.016 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.001 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

Instrument :

MSVOA_N

ClientSampleId :

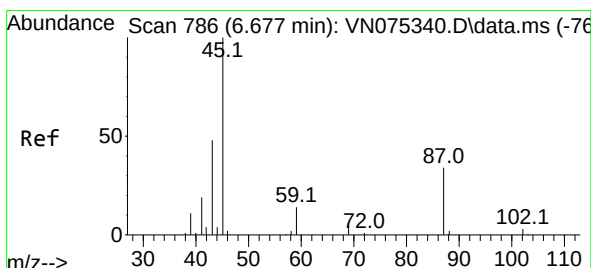
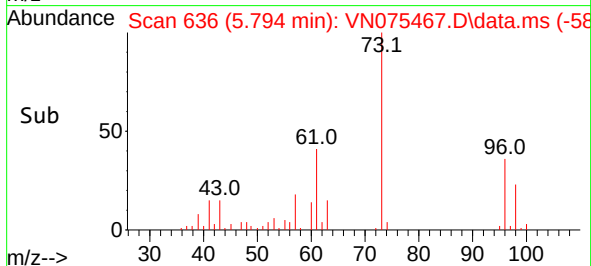
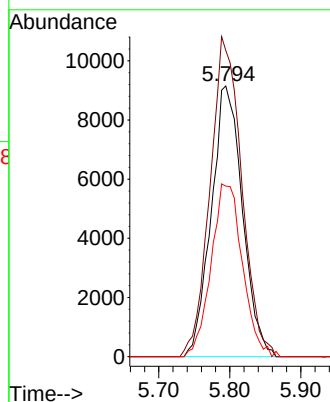
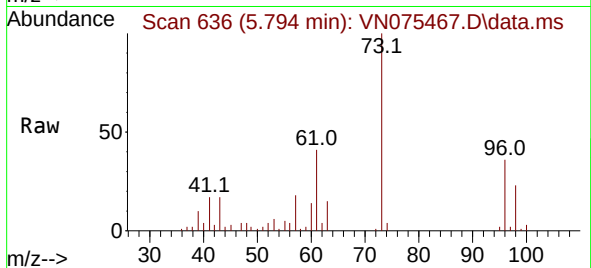
VN1129WBSD01

Tgt Ion: 96 Resp: 2785
Ion Ratio Lower Upper
96 100
61 113.1 99.9 149.9
98 63.0 51.5 77.3

Manual Integrations

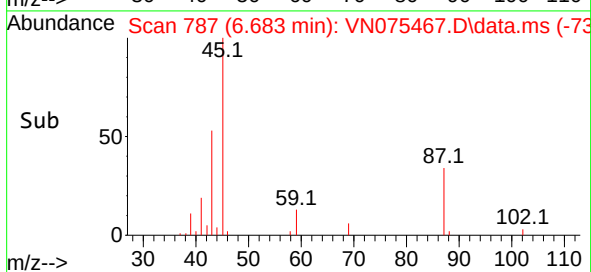
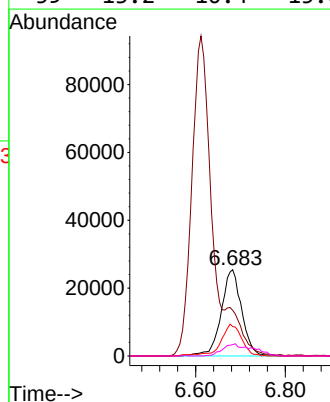
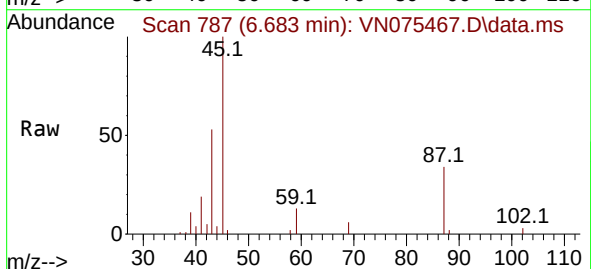
APPROVED

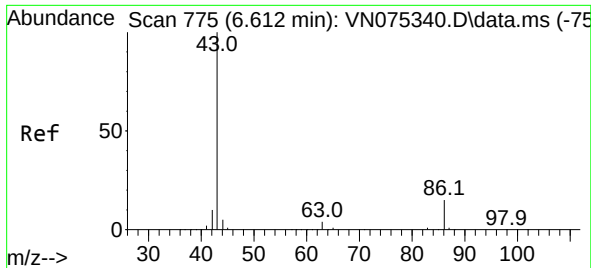
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#22
Diisopropyl ether
Concen: 20.102 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

Tgt Ion: 45 Resp: 80492
Ion Ratio Lower Upper
45 100
43 51.3 42.8 64.2
87 34.1 28.4 42.6
59 13.2 10.4 15.6





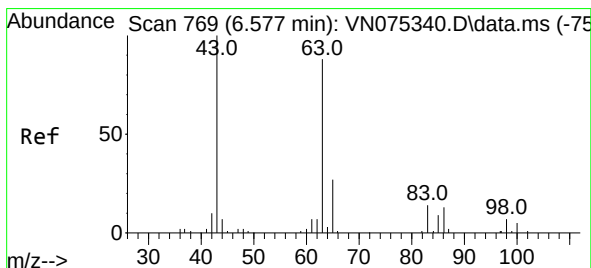
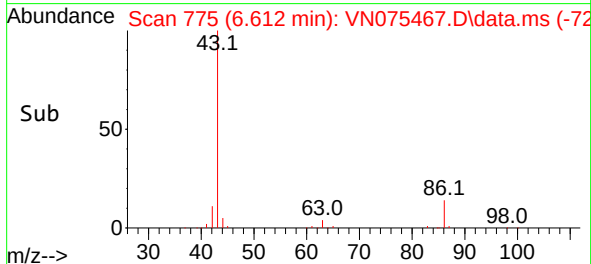
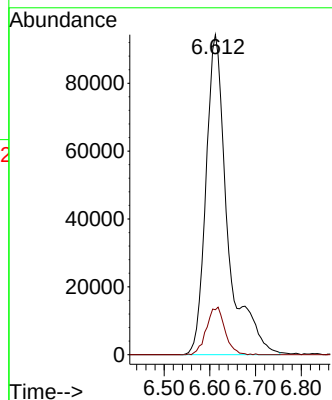
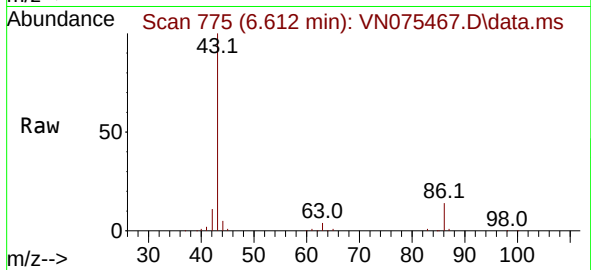
#23
 Vinyl Acetate
 Concen: 96.984 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075467.D
 Acq: 29 Nov 2022 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBSD01

Tgt Ion: 43 Resp: 30894
 Ion Ratio Lower Upper
 43 100
 86 14.1 10.7 16.1

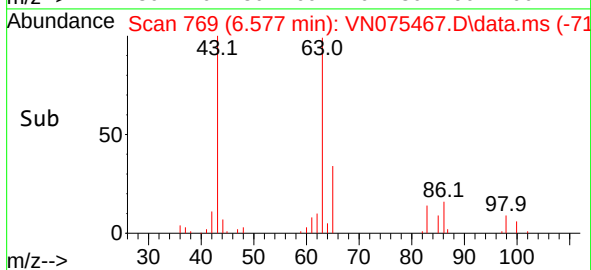
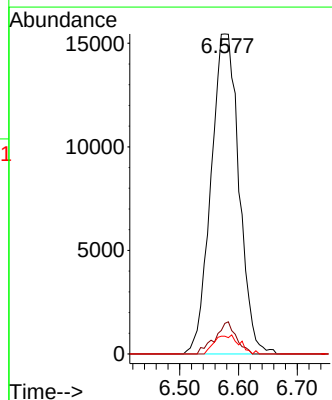
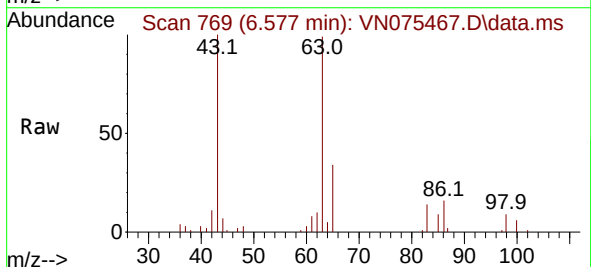
Manual Integrations
 APPROVED

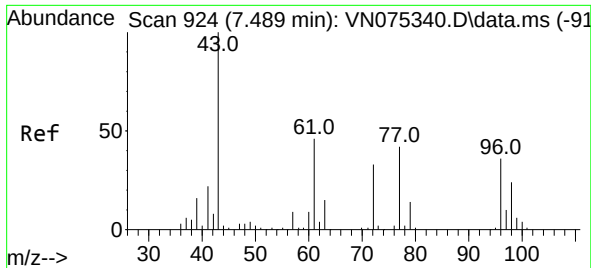
Reviewed By :John Carlone 11/30/2022
 Supervised By :Mahesh Dadoda 11/30/2022



#24
 1,1-Dichloroethane
 Concen: 19.854 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075467.D
 Acq: 29 Nov 2022 11:40

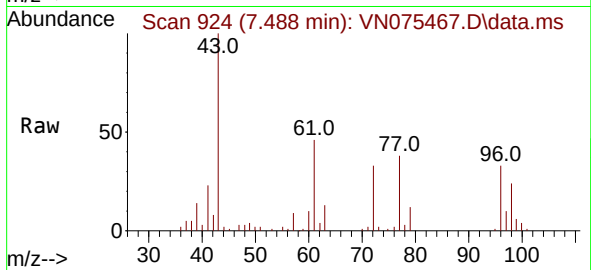
Tgt Ion: 63 Resp: 51027
 Ion Ratio Lower Upper
 63 100
 98 9.5 3.6 10.8
 100 5.6 2.4 7.2





#25
2-Butanone
Concen: 92.402 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.001 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

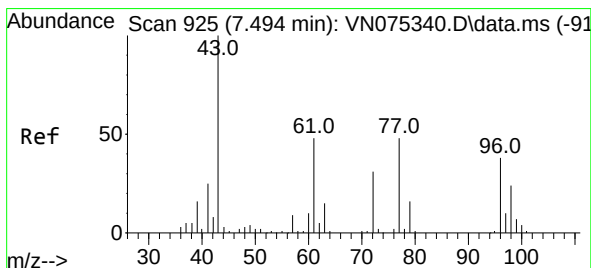
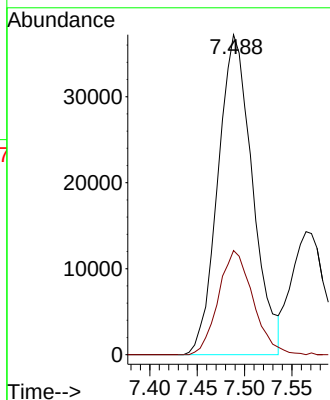
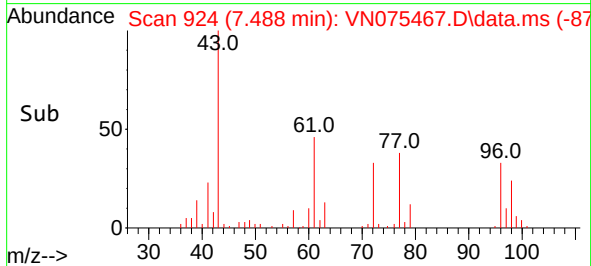
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



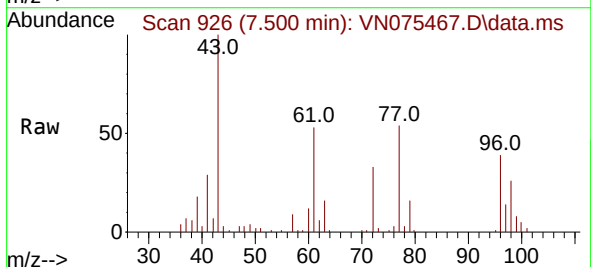
Tgt Ion: 43 Resp: 94614
Ion Ratio Lower Upper
43 100
72 32.5 25.5 38.3

Manual Integrations
APPROVED

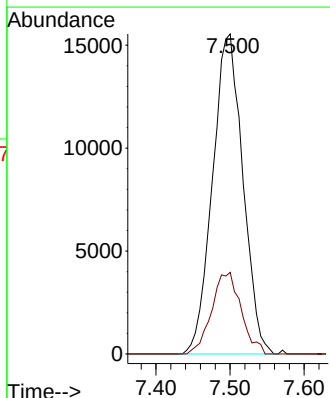
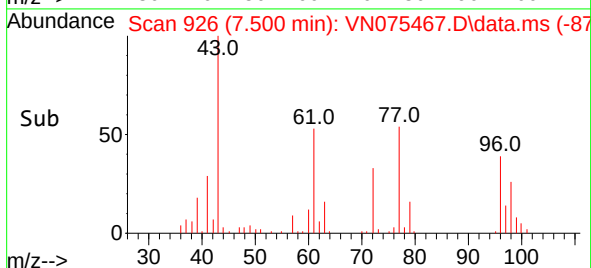
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022

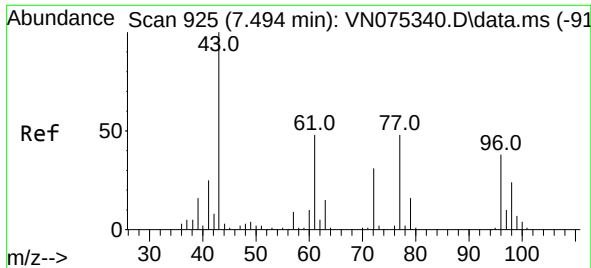


#26
2,2-Dichloropropane
Concen: 18.478 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40



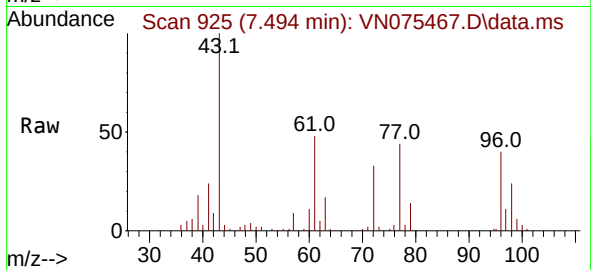
Tgt Ion: 77 Resp: 44138
Ion Ratio Lower Upper
77 100
97 24.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.729 ug/l
 RT: 7.494 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN075467.D
 Acq: 29 Nov 2022 11:40

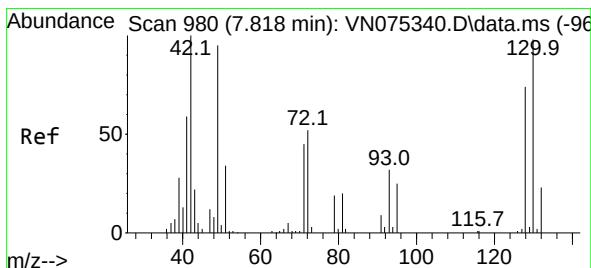
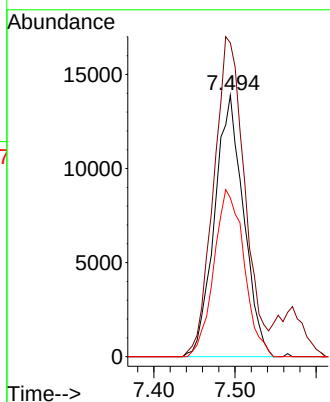
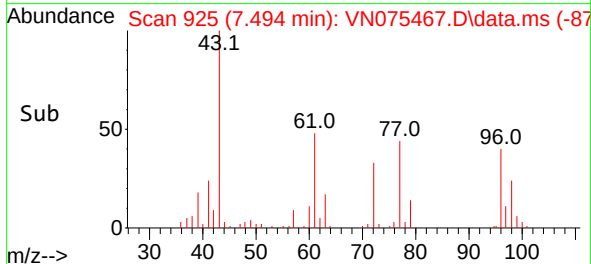
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBSD01



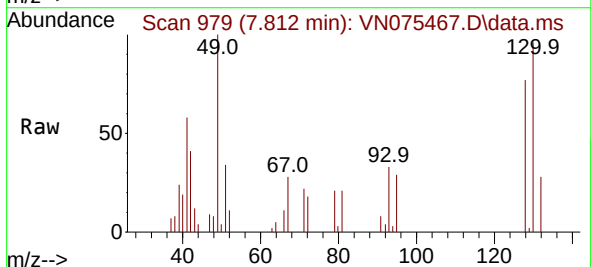
Tgt Ion: 96 Resp: 3448
 Ion Ratio Lower Upper
 96 100
 61 130.8 0.0 278.8
 98 66.6 0.0 128.4

Manual Integrations
 APPROVED

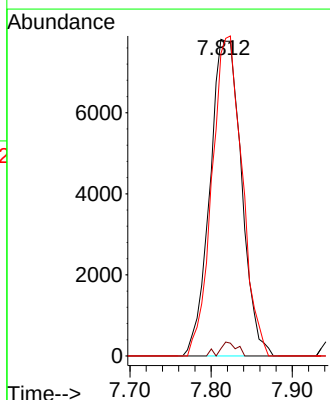
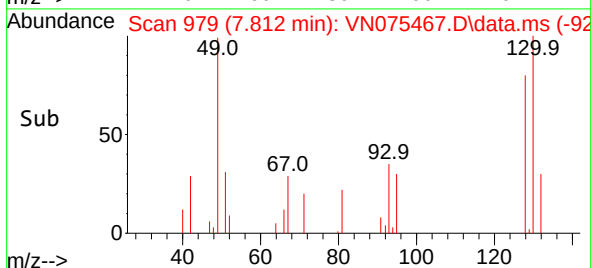
Reviewed By :John Carlone 11/30/2022
 Supervised By :Mahesh Dadoda 11/30/2022

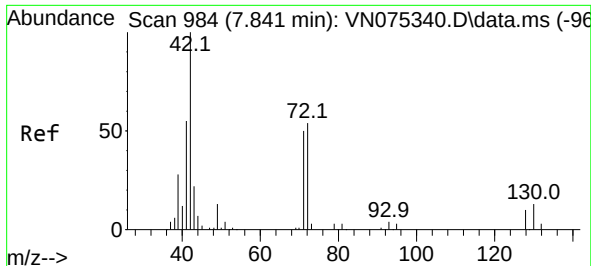


#28
 Bromochloromethane
 Concen: 20.186 ug/l
 RT: 7.812 min Scan# 979
 Delta R.T. -0.006 min
 Lab File: VN075467.D
 Acq: 29 Nov 2022 11:40



Tgt Ion: 49 Resp: 21059
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.6
 130 96.2 66.2 99.4





#29

Tetrahydrofuran

Concen: 95.683 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075467.D

Acq: 29 Nov 2022 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBSD01

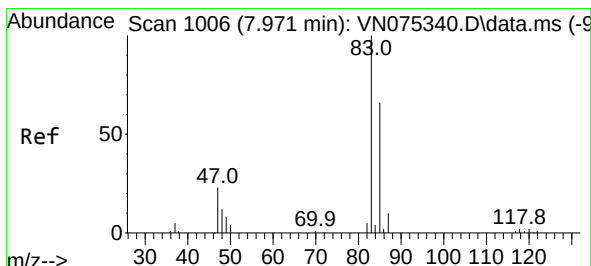
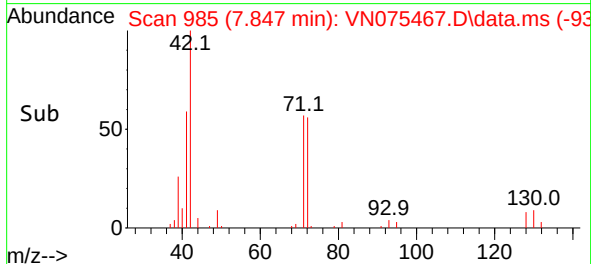
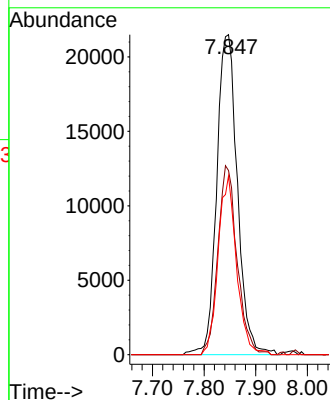
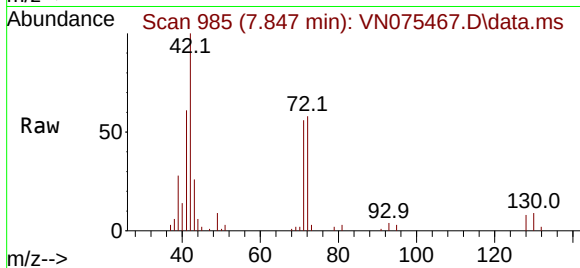
Tgt Ion: 42 Resp: 59594
 Ion Ratio Lower Upper
 42 100
 72 55.0 43.0 64.6
 71 49.7 39.9 59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2022

Supervised By :Mahesh Dadoda 11/30/2022



#30

Chloroform

Concen: 18.982 ug/l

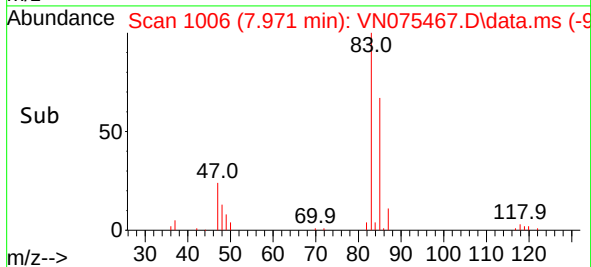
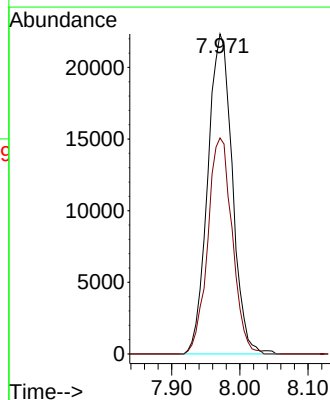
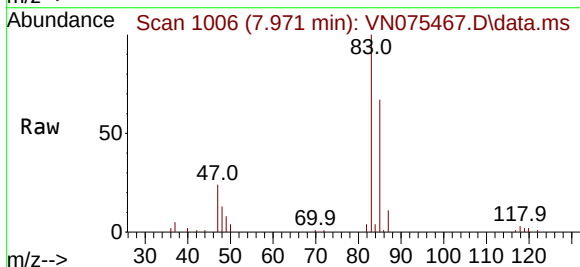
RT: 7.971 min Scan# 1006

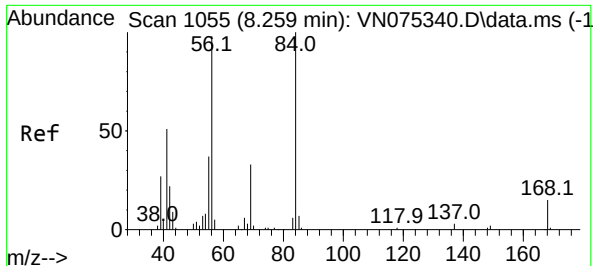
Delta R.T. -0.000 min

Lab File: VN075467.D

Acq: 29 Nov 2022 11:40

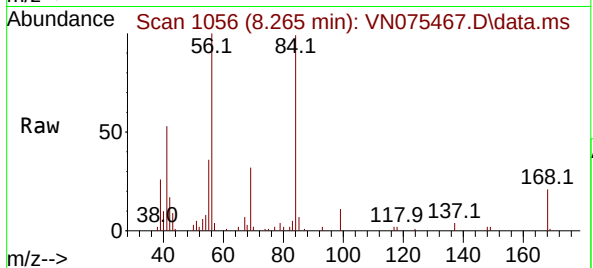
Tgt Ion: 83 Resp: 56025
 Ion Ratio Lower Upper
 83 100
 85 67.5 51.4 77.0





#31
Cyclohexane
Concen: 17.664 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

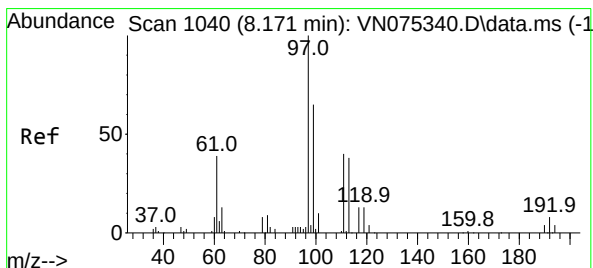
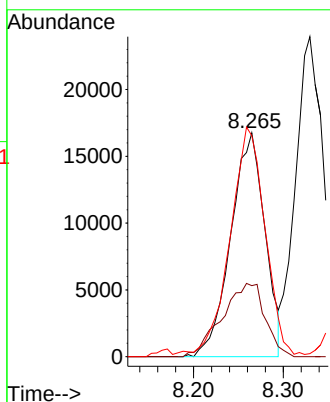
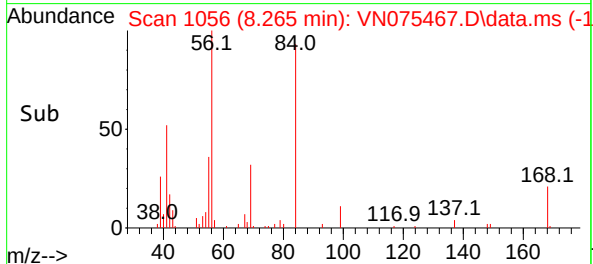
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



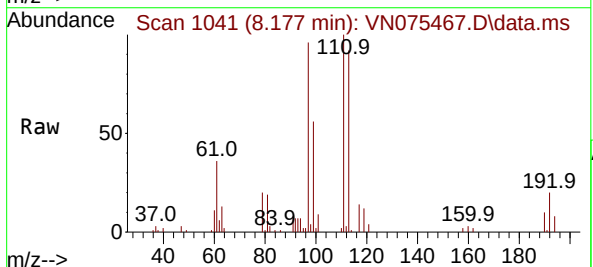
Tgt Ion: 56 Resp: 44128
Ion Ratio Lower Upper
56 100
69 31.7 25.2 37.8
84 97.0 77.8 116.8

Manual Integrations
APPROVED

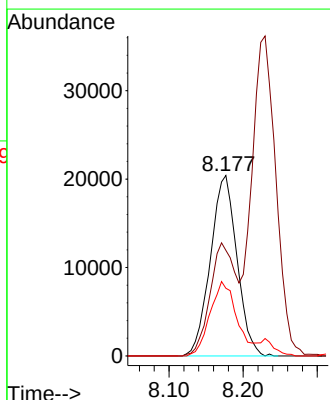
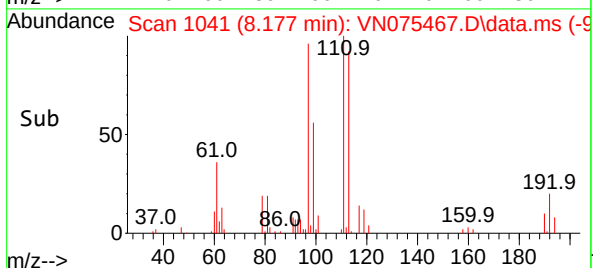
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022

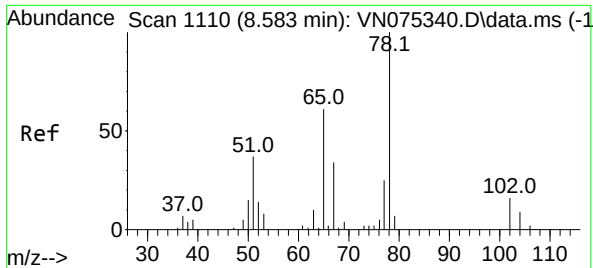


#32
1,1,1-Trichloroethane
Concen: 18.924 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40



Tgt Ion: 97 Resp: 50714
Ion Ratio Lower Upper
97 100
99 60.3 50.2 75.2
61 41.2 37.0 55.6





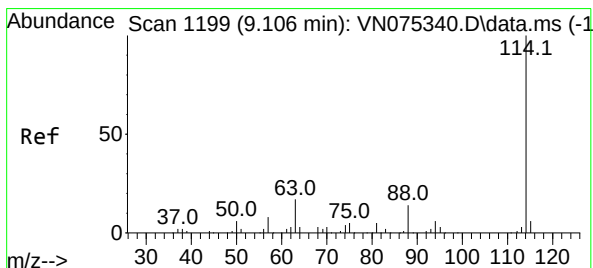
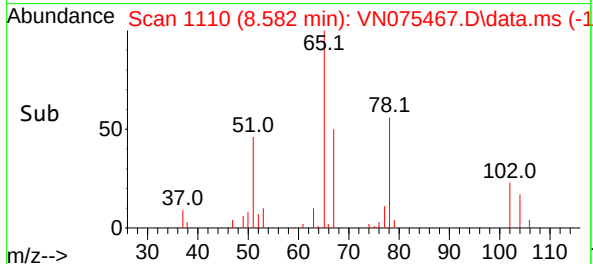
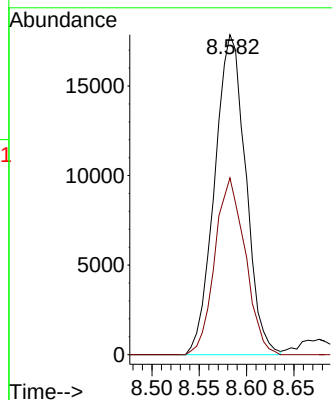
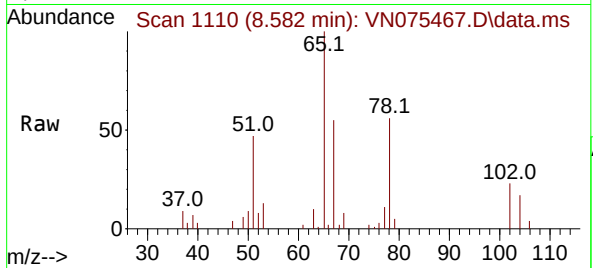
#33
1,2-Dichloroethane-d4
Concen: 51.845 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion: 65 Resp: 4076
Ion Ratio Lower Upper
65 100
67 54.0 0.0 102.0

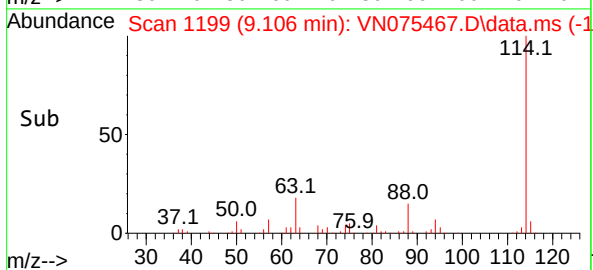
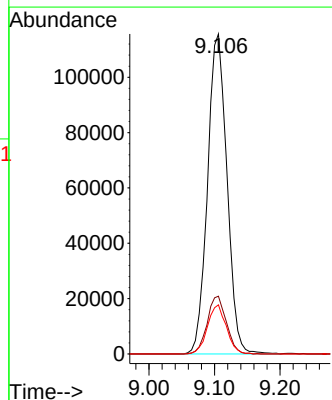
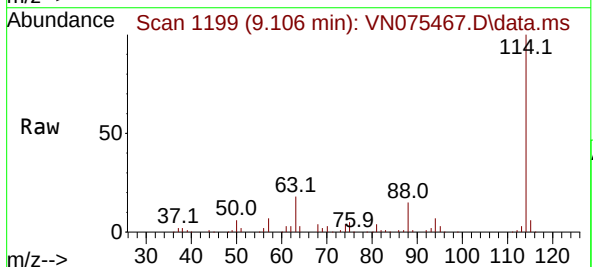
Manual Integrations
APPROVED

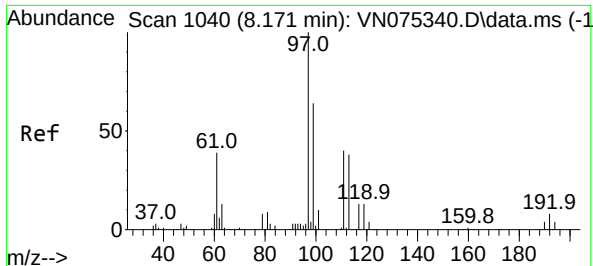
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

Tgt Ion:114 Resp: 238140
Ion Ratio Lower Upper
114 100
63 18.1 0.0 39.6
88 15.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 55.774 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075467.D

Acq: 29 Nov 2022 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBSD01

Tgt Ion:113 Resp: 52170

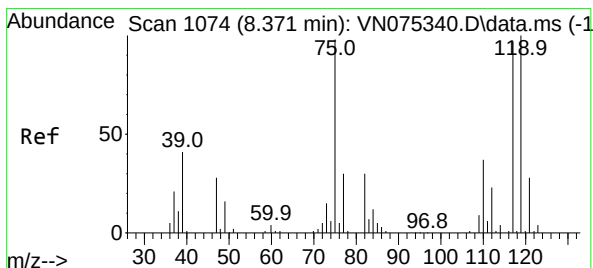
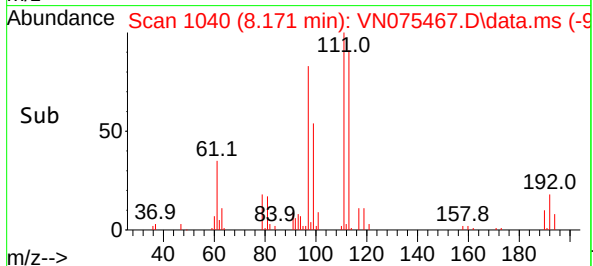
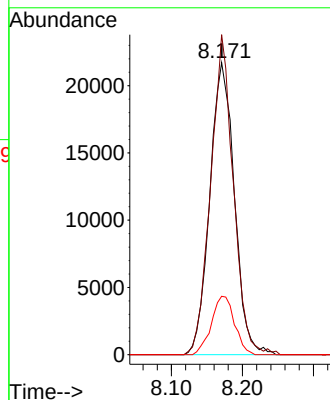
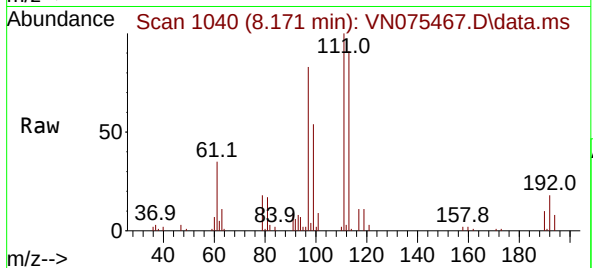
Ion	Ratio	Lower	Upper
113	100		
111	101.3	80.5	120.7
192	18.8	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2022

Supervised By :Mahesh Dadoda 11/30/2022



#36

1,1-Dichloropropene

Concen: 19.012 ug/l

RT: 8.377 min Scan# 1075

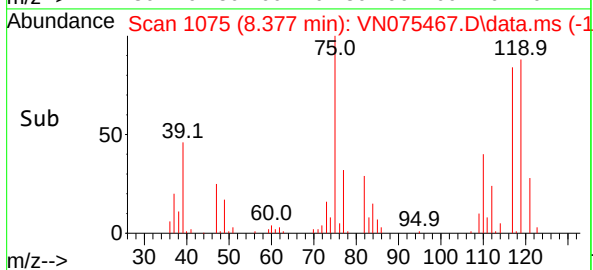
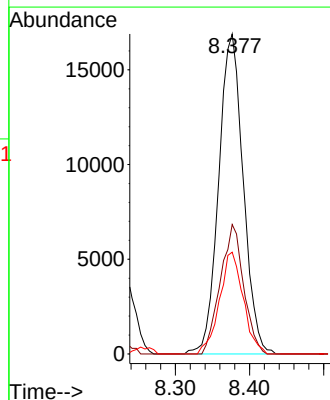
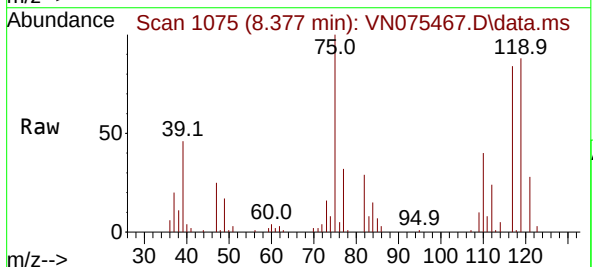
Delta R.T. 0.006 min

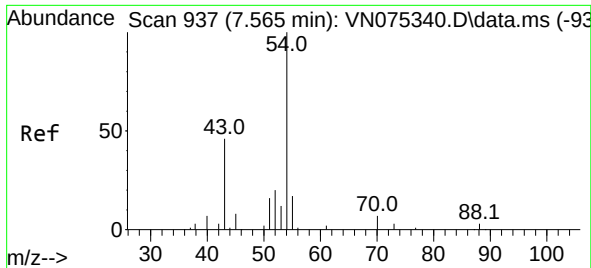
Lab File: VN075467.D

Acq: 29 Nov 2022 11:40

Tgt Ion: 75 Resp: 38786

Ion	Ratio	Lower	Upper
75	100		
110	38.5	17.8	53.3
77	30.8	24.6	37.0





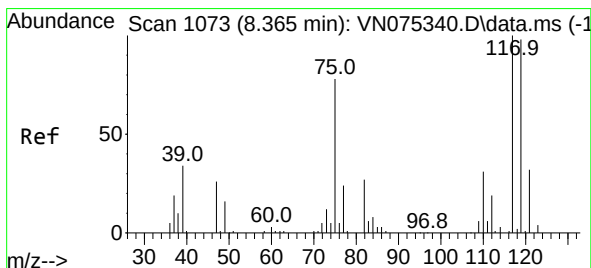
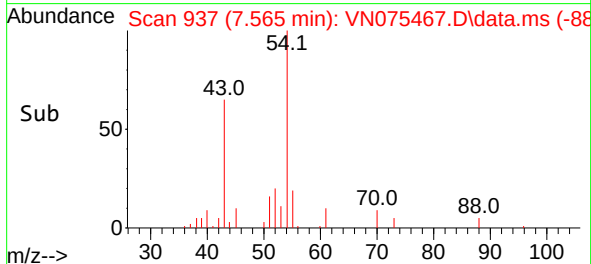
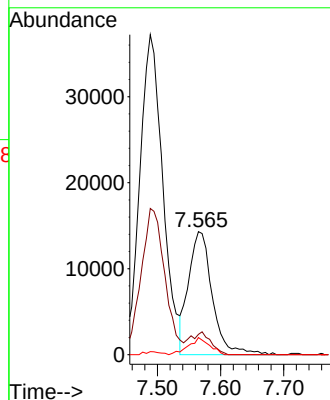
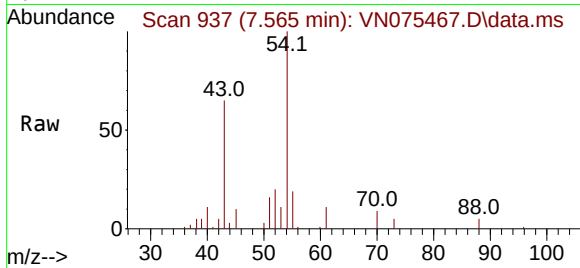
#37
Ethyl Acetate
Concen: 20.377 ug/l
RT: 7.565 min Scan# 937
Delta R.T. -0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion: 43 Resp: 3743
Ion Ratio Lower Upper
43 100
61 16.1 12.2 18.4
70 12.1 9.4 14.2

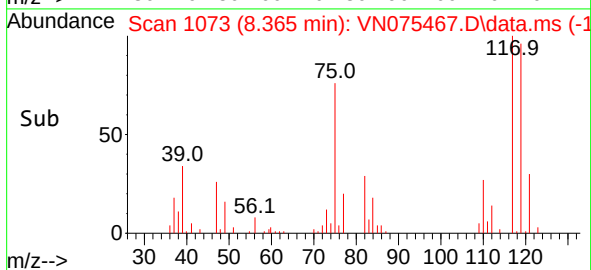
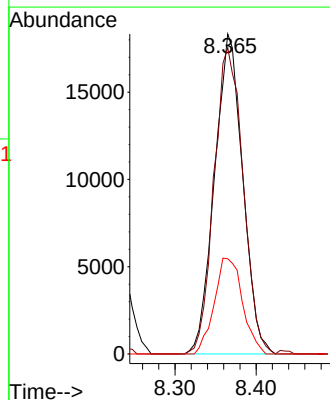
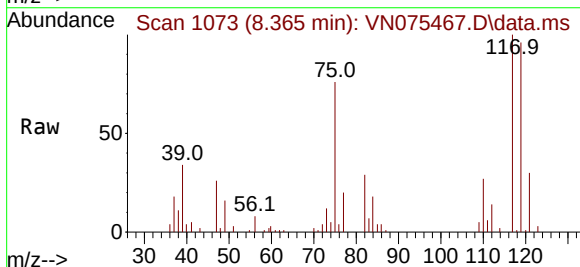
Manual Integrations
APPROVED

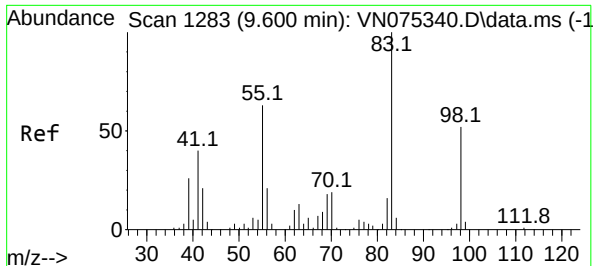
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#38
Carbon Tetrachloride
Concen: 19.685 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

Tgt Ion:117 Resp: 44116
Ion Ratio Lower Upper
117 100
119 95.7 76.7 115.1
121 29.8 23.9 35.9





#39

Methylcyclohexane

Concen: 19.192 ug/l

RT: 9.600 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075467.D

Acq: 29 Nov 2022 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBSD01

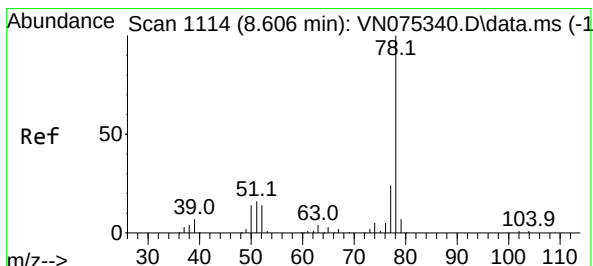
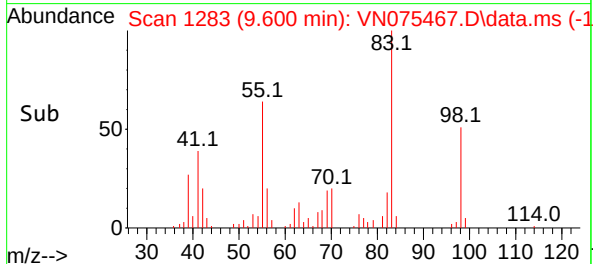
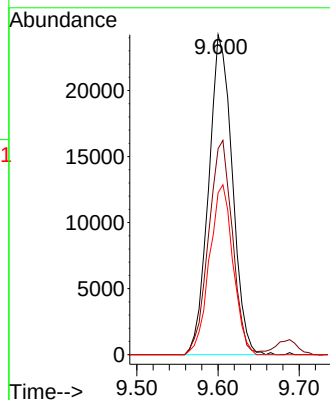
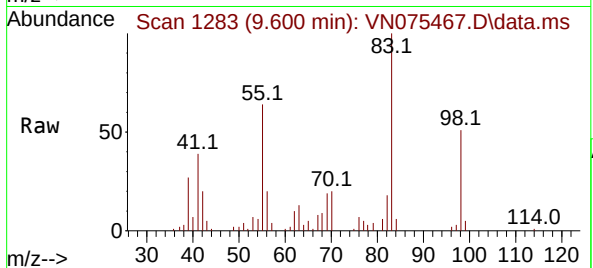
Tgt Ion:	83	Resp:	4900
Ion Ratio	Lower	Upper	
83	100		
55	64.4	53.6	80.4
98	50.6	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2022

Supervised By :Mahesh Dadoda 11/30/2022



#40

Benzene

Concen: 19.735 ug/l

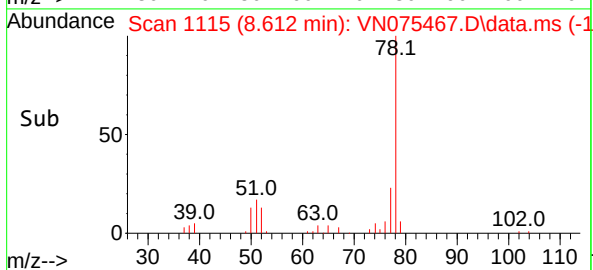
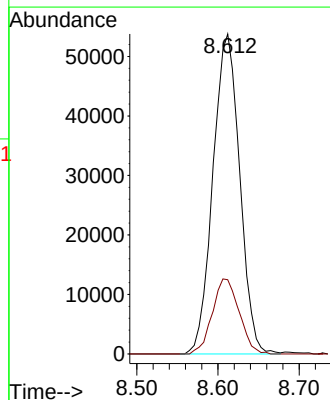
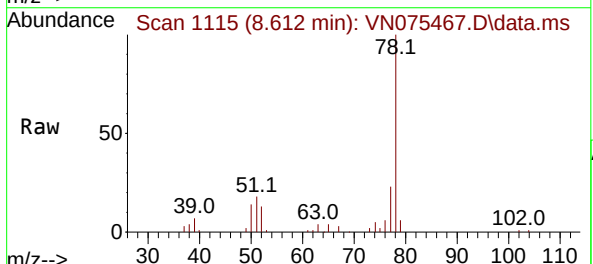
RT: 8.612 min Scan# 1115

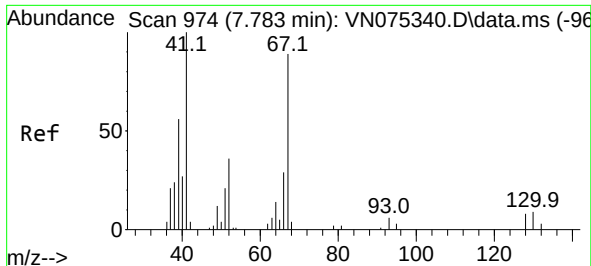
Delta R.T. 0.006 min

Lab File: VN075467.D

Acq: 29 Nov 2022 11:40

Tgt Ion:	78	Resp:	123266
Ion Ratio	Lower	Upper	
78	100		
77	23.2	19.4	29.0





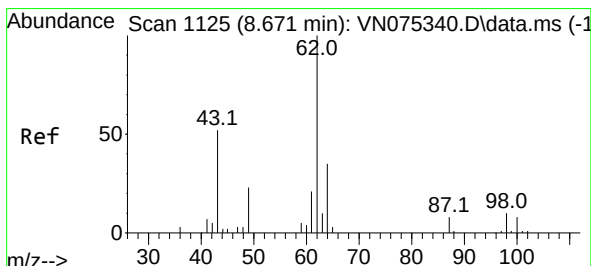
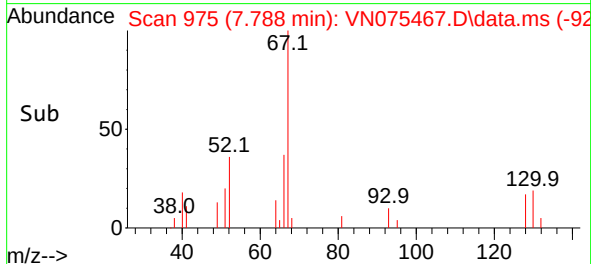
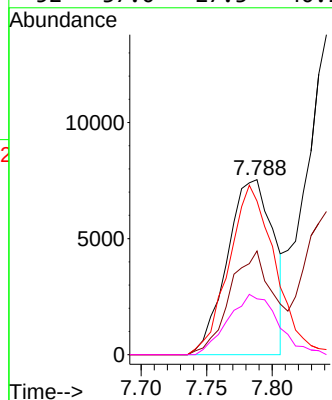
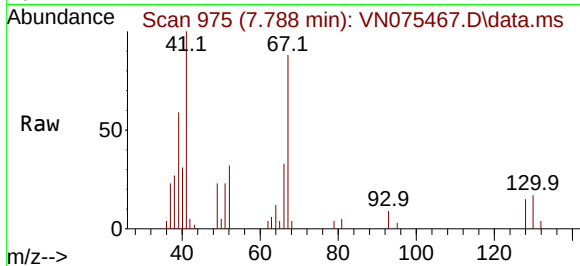
#41
Methacrylonitrile
Concen: 19.733 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.005 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion: 41 Resp: 1853
Ion Ratio Lower Upper
41 100
39 56.8 44.4 66.6
67 96.5 69.8 104.6
52 37.0 27.3 40.9

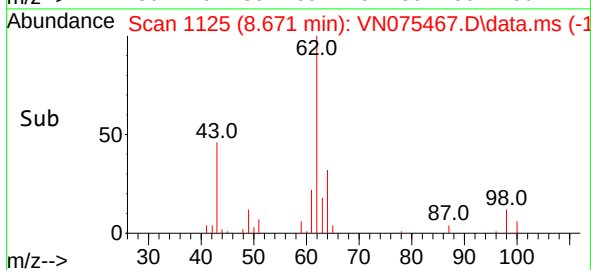
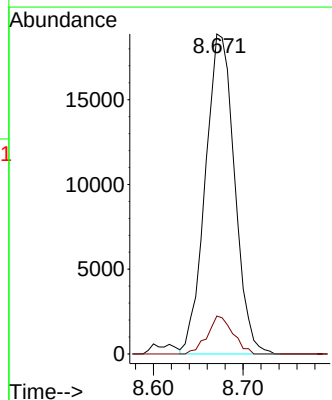
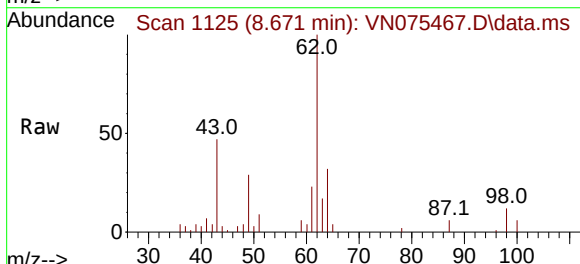
Manual Integrations
APPROVED

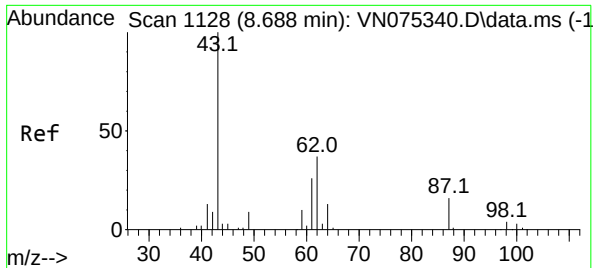
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#42
1,2-Dichloroethane
Concen: 20.418 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

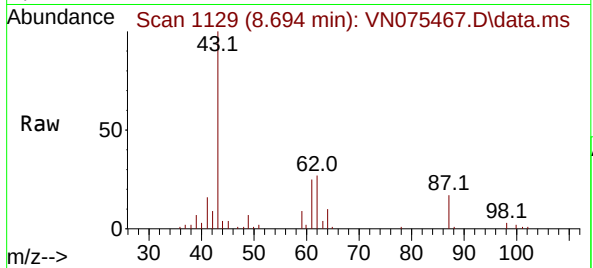
Tgt Ion: 62 Resp: 42713
Ion Ratio Lower Upper
62 100
98 10.3 0.0 18.2





#43
Isopropyl Acetate
Concen: 20.425 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

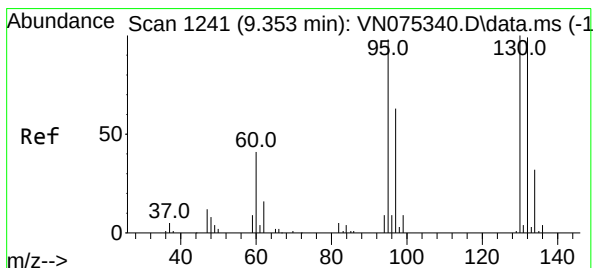
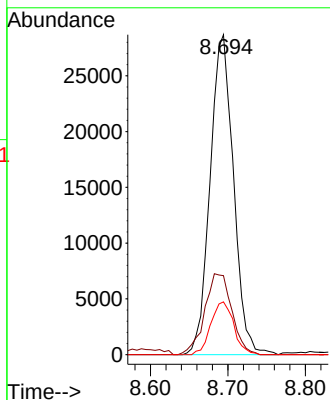
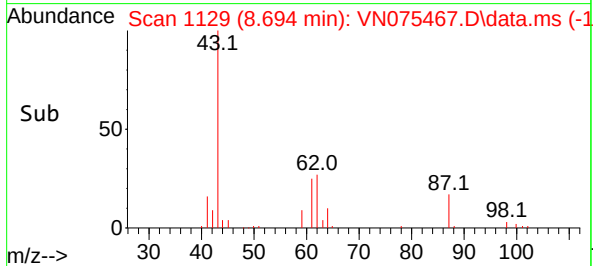
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



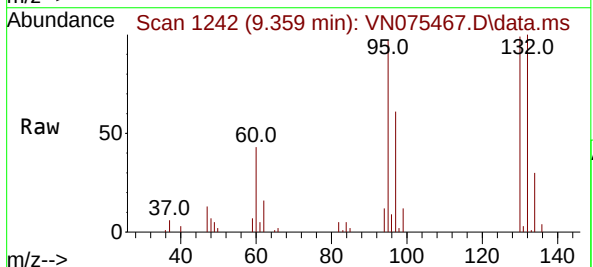
Tgt Ion: 43 Resp: 6022
Ion Ratio Lower Upper
43 100
61 29.2 22.4 33.6
87 16.2 12.5 18.7

Manual Integrations
APPROVED

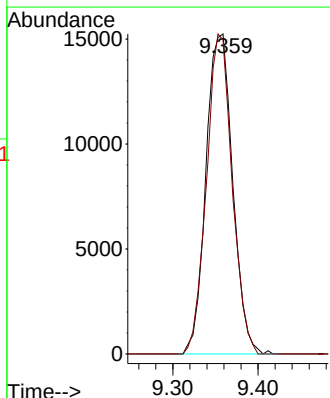
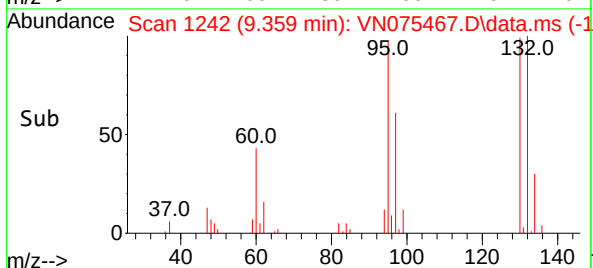
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022

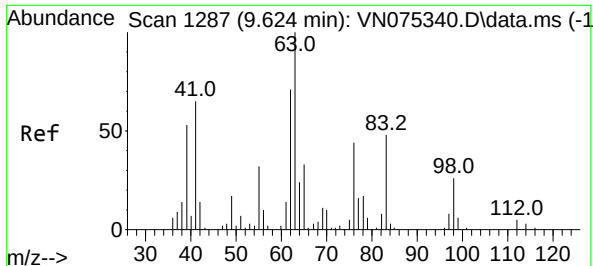


#44
Trichloroethene
Concen: 19.424 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40



Tgt Ion:130 Resp: 33198
Ion Ratio Lower Upper
130 100
95 98.1 0.0 198.4





#45

1,2-Dichloropropane

Concen: 19.739 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075467.D

Acq: 29 Nov 2022 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBSD01

Tgt Ion: 63 Resp: 2938

Ion Ratio Lower Upper

63 100

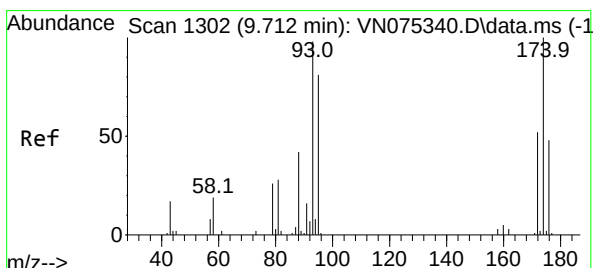
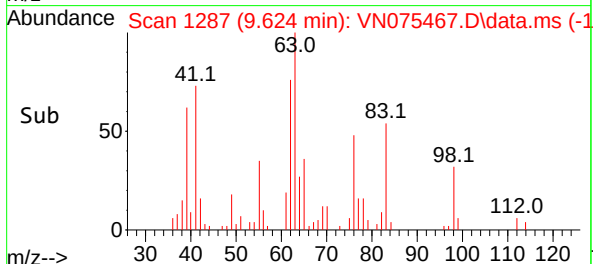
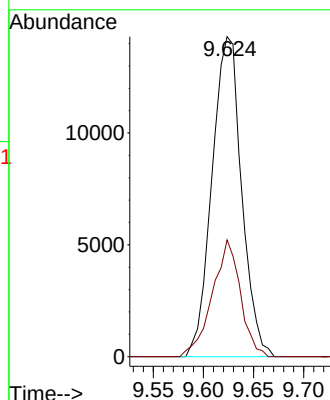
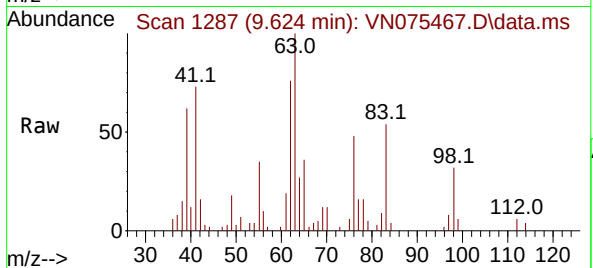
65 36.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2022

Supervised By :Mahesh Dadoda 11/30/2022



#46

Dibromomethane

Concen: 20.396 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075467.D

Acq: 29 Nov 2022 11:40

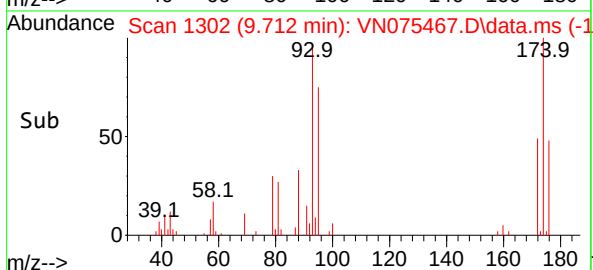
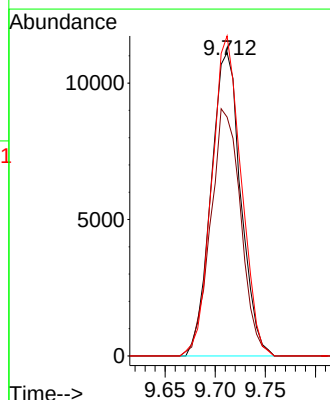
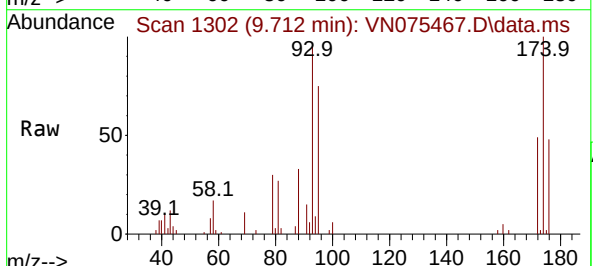
Tgt Ion: 93 Resp: 22963

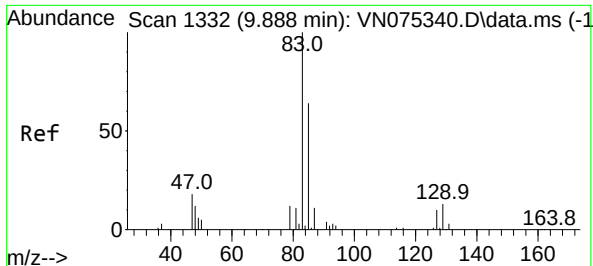
Ion Ratio Lower Upper

93 100

95 82.5 66.6 99.8

174 103.9 70.3 105.5





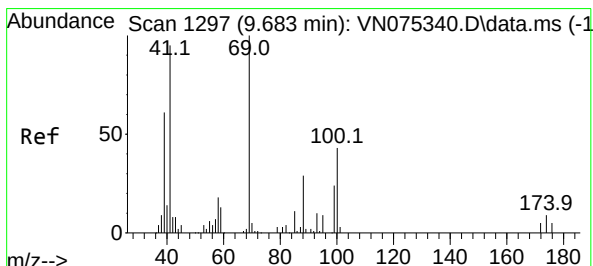
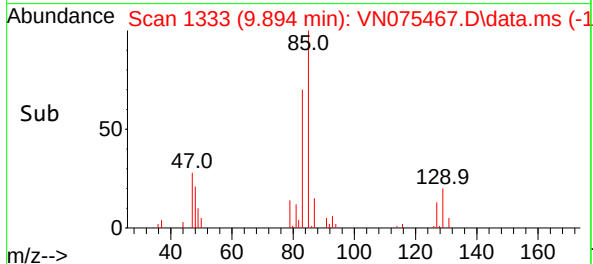
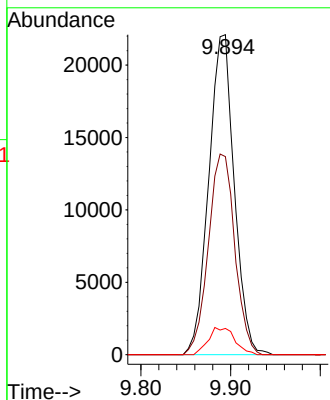
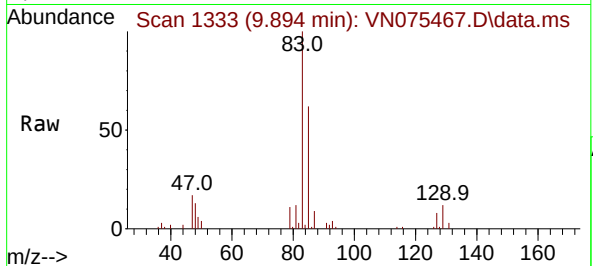
#47
Bromodichloromethane
Concen: 20.012 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

Instrument :
MSVOA_N
Client SampleId :
VN1129WBSD01

Tgt Ion: 83 Resp: 43632
Ion Ratio Lower Upper
83 100
85 61.9 52.1 78.1
127 8.2 6.6 10.0

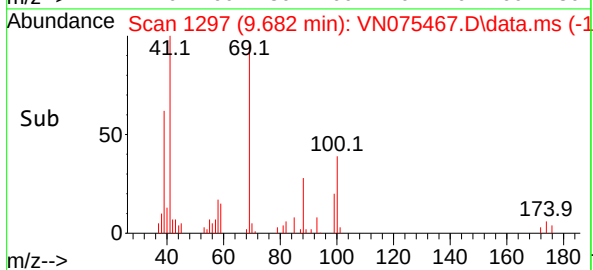
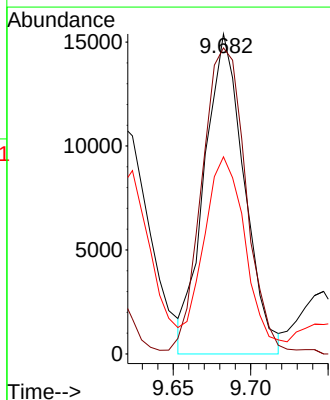
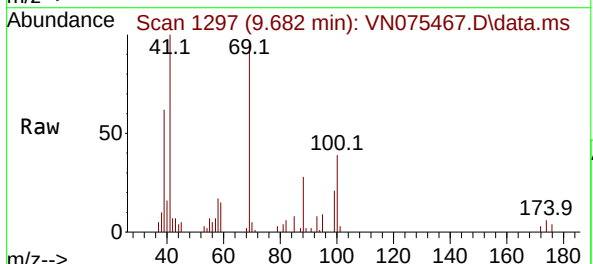
Manual Integrations
APPROVED

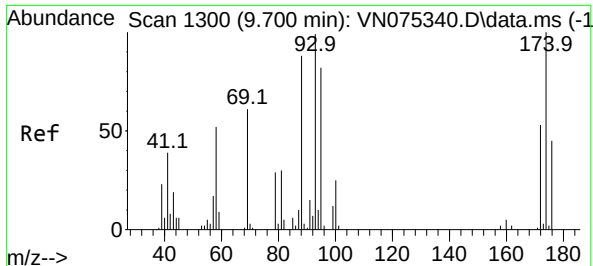
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#48
Methyl methacrylate
Concen: 20.267 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.001 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

Tgt Ion: 41 Resp: 27632
Ion Ratio Lower Upper
41 100
69 105.9 80.2 120.2
39 65.7 56.2 84.2





#49

1,4-Dioxane

Concen: 391.433 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075467.D

Acq: 29 Nov 2022 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBSD01

Tgt Ion: 88 Resp: 15154

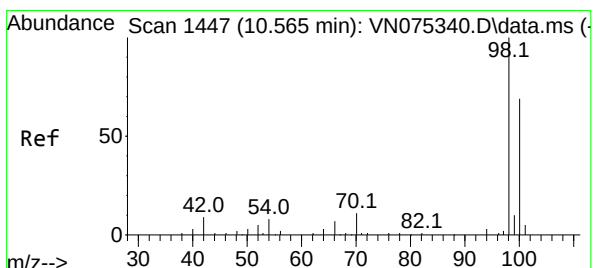
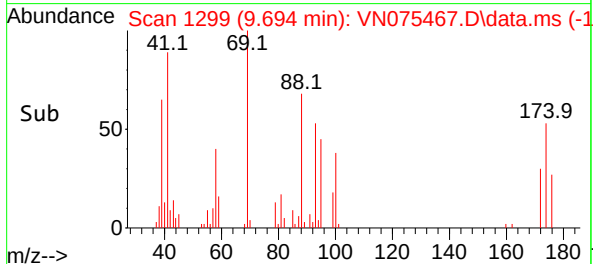
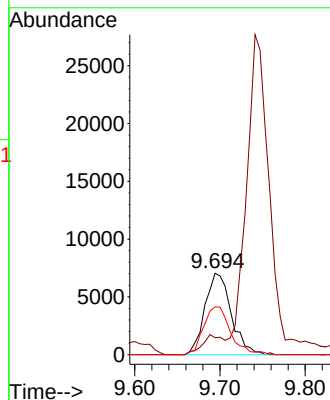
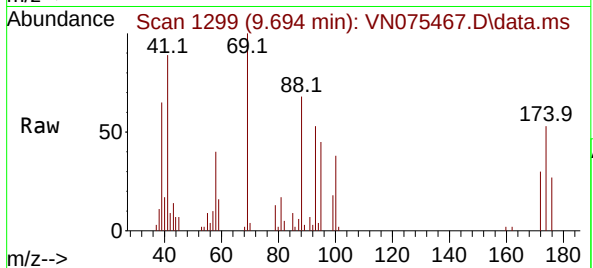
Ion	Ratio	Lower	Upper
88	100		
43	19.4	17.5	26.3
58	60.0	49.8	74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2022

Supervised By :Mahesh Dadoda 11/30/2022



#50

Toluene-d8

Concen: 53.715 ug/l

RT: 10.571 min Scan# 1448

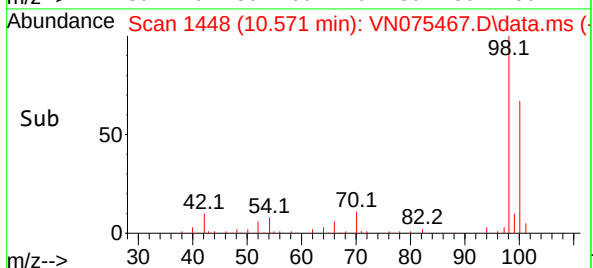
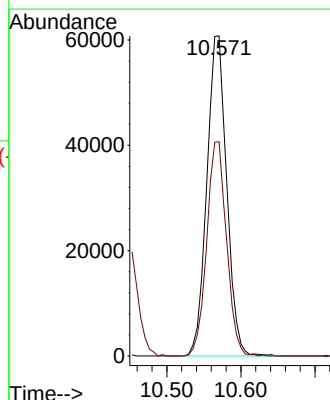
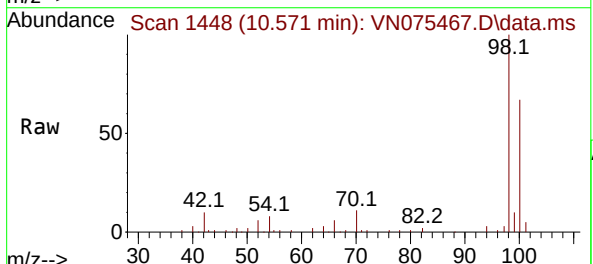
Delta R.T. 0.006 min

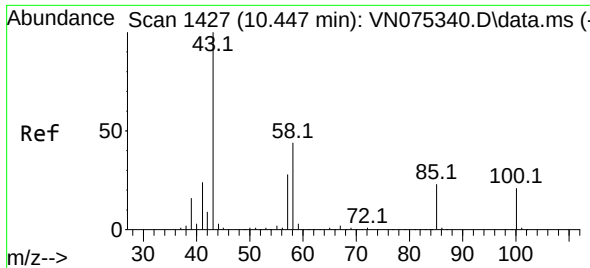
Lab File: VN075467.D

Acq: 29 Nov 2022 11:40

Tgt Ion: 98 Resp: 113178

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.6





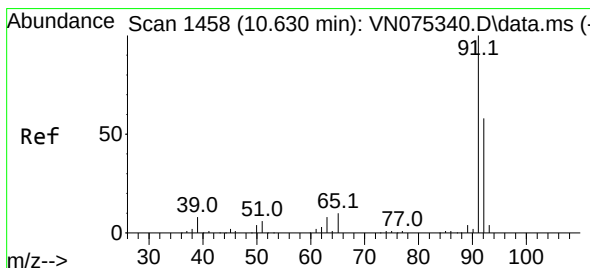
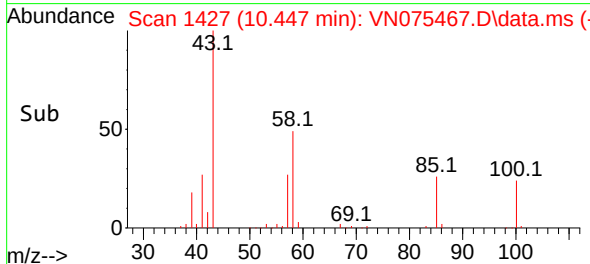
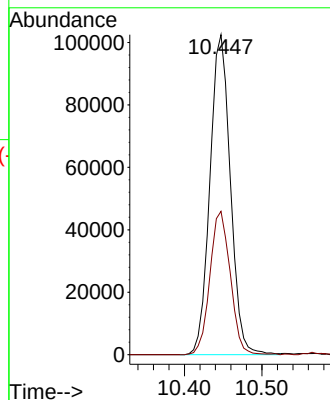
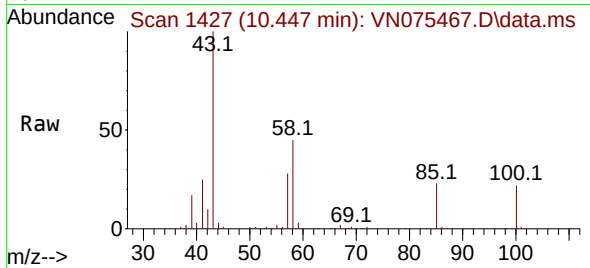
#51
4-Methyl-2-Pentanone
Concen: 100.186 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion: 43 Resp: 18814
Ion Ratio Lower Upper
43 100
58 44.6 33.6 50.4

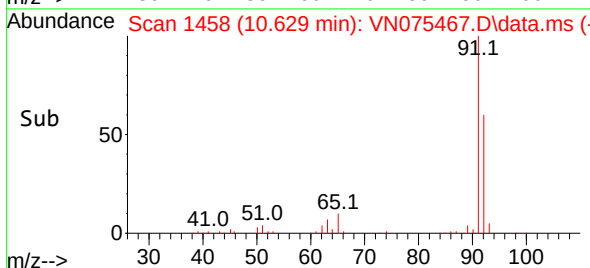
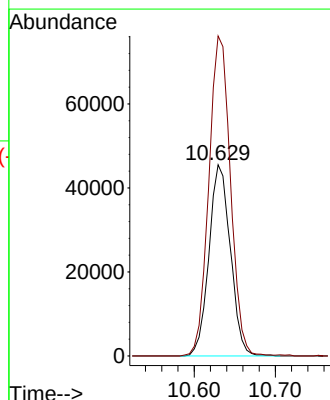
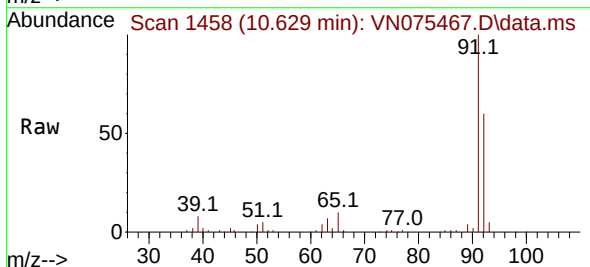
Manual Integrations
APPROVED

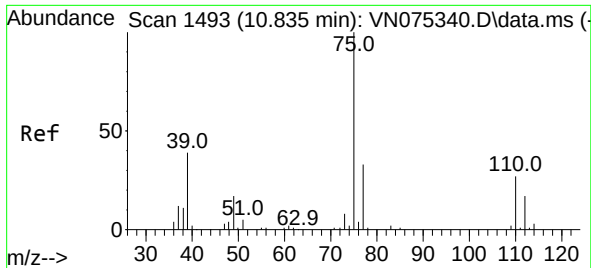
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#52
Toluene
Concen: 20.701 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

Tgt Ion: 92 Resp: 83325
Ion Ratio Lower Upper
92 100
91 169.1 135.4 203.2





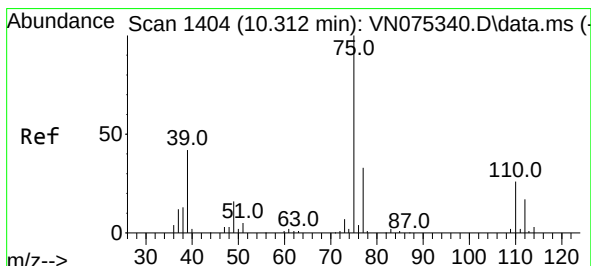
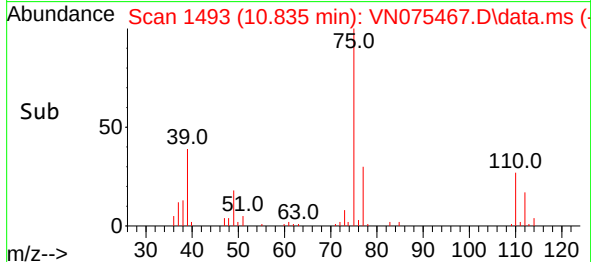
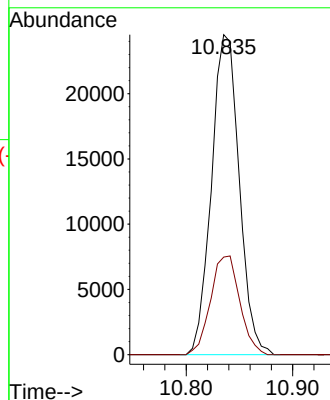
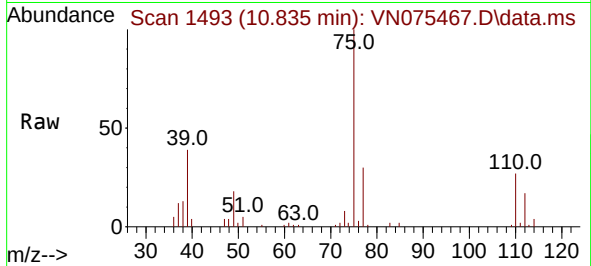
#53
 t-1,3-Dichloropropene
 Concen: 20.240 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN075467.D
 Acq: 29 Nov 2022 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBSD01

Tgt Ion: 75 Resp: 4430
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.4 38.2

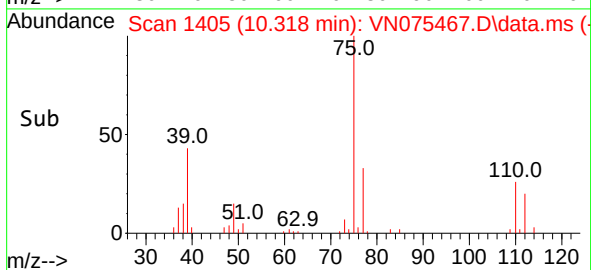
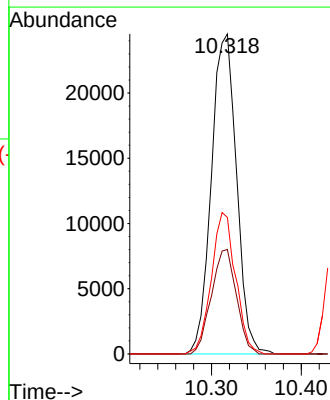
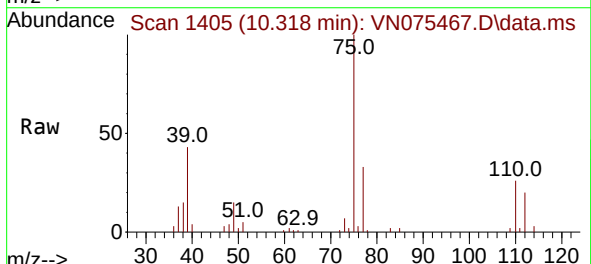
Manual Integrations
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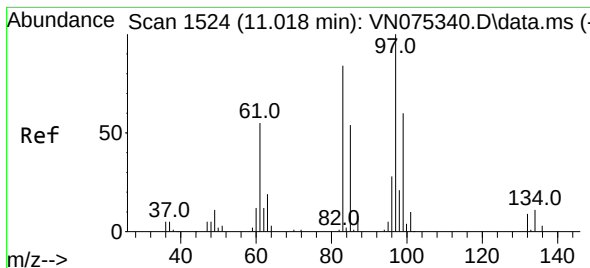
Reviewed By :John Carlone 11/30/2022
 Supervised By :Mahesh Dadoda 11/30/2022



#54
 cis-1,3-Dichloropropene
 Concen: 20.100 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075467.D
 Acq: 29 Nov 2022 11:40

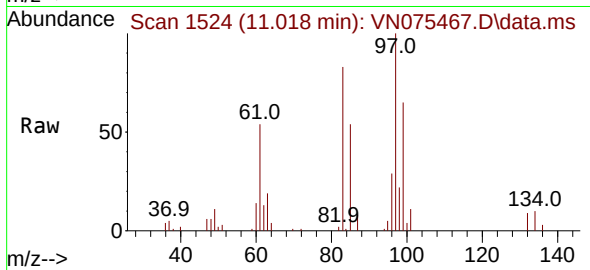
Tgt Ion: 75 Resp: 47784
 Ion Ratio Lower Upper
 75 100
 77 32.7 23.7 35.5
 39 42.6 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 20.696 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

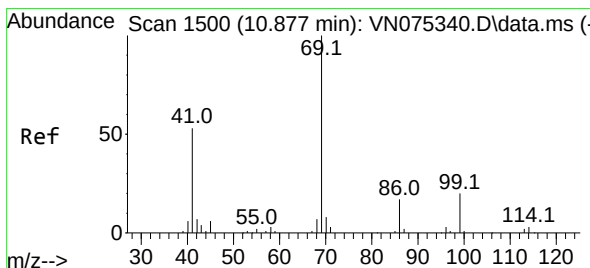
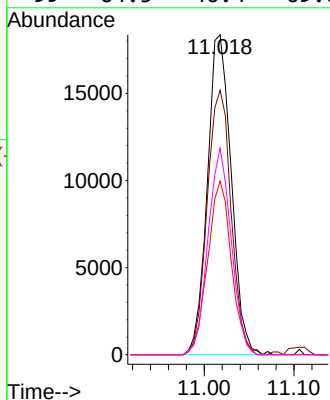
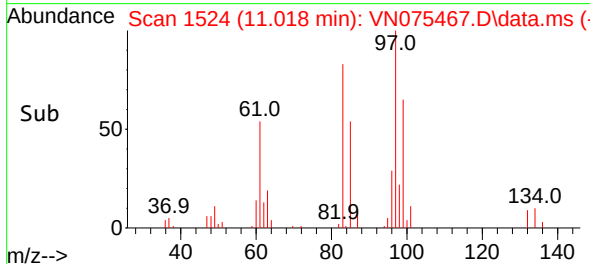
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



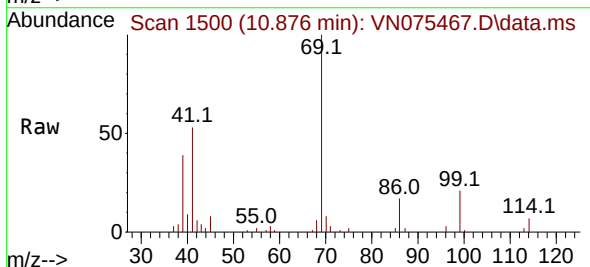
Tgt Ion: 97 Resp: 33929
Ion Ratio Lower Upper
97 100
83 82.7 65.9 98.9
85 54.3 40.4 60.6
99 64.5 46.4 69.6

Manual Integrations
APPROVED

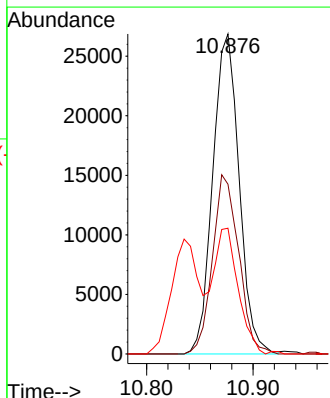
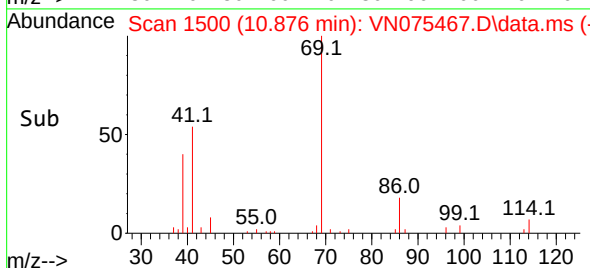
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022

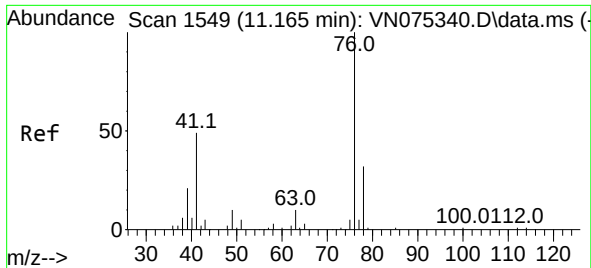


#56
Ethyl methacrylate
Concen: 20.850 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40



Tgt Ion: 69 Resp: 46161
Ion Ratio Lower Upper
69 100
41 55.8 45.6 68.4
39 37.9 28.5 42.7





#57

1,3-Dichloropropane

Concen: 20.097 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075467.D

Acq: 29 Nov 2022 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBSD01

Tgt Ion: 76 Resp: 5372

Ion Ratio Lower Upper

76 100

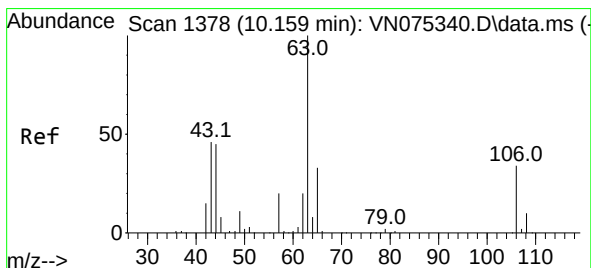
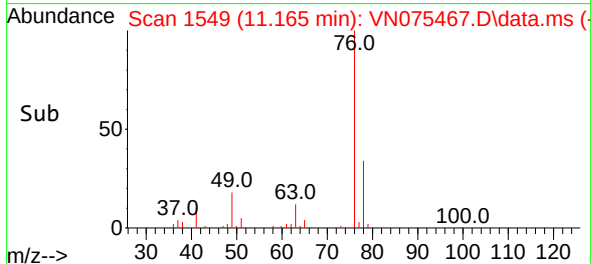
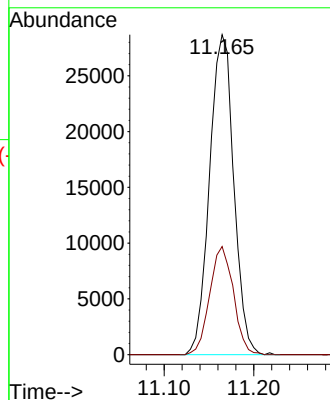
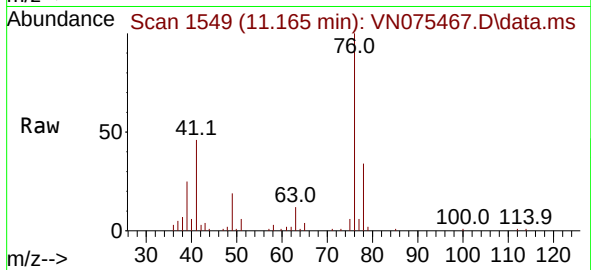
78 33.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2022

Supervised By :Mahesh Dadoda 11/30/2022



#58

2-Chloroethyl Vinyl ether

Concen: 95.632 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.000 min

Lab File: VN075467.D

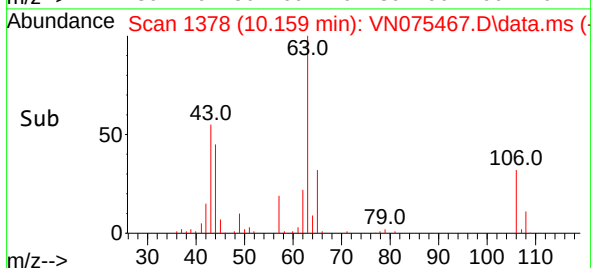
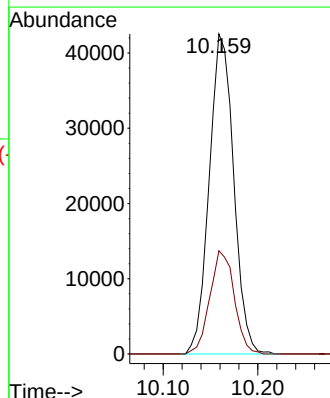
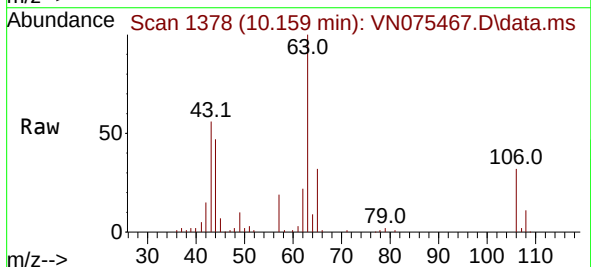
Acq: 29 Nov 2022 11:40

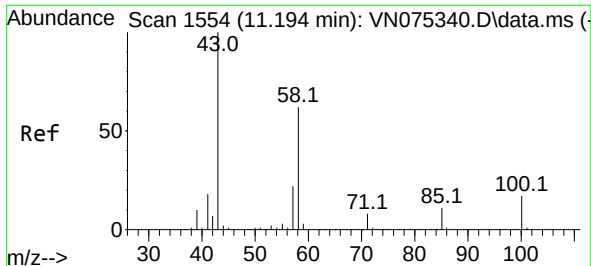
Tgt Ion: 63 Resp: 76360

Ion Ratio Lower Upper

63 100

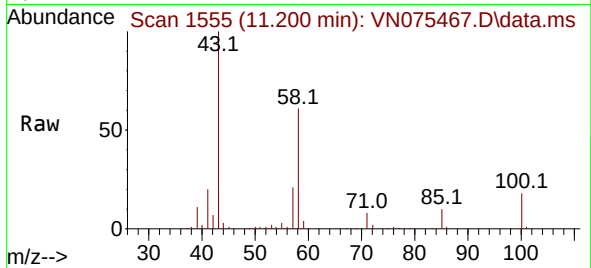
106 32.2 24.8 37.2





#59
2-Hexanone
Concen: 98.606 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

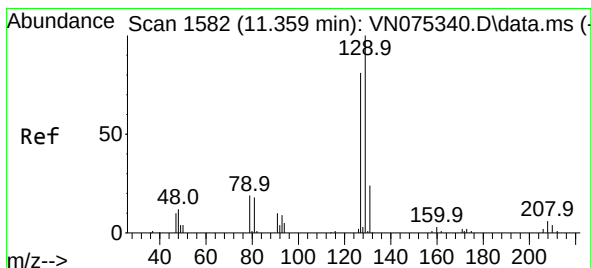
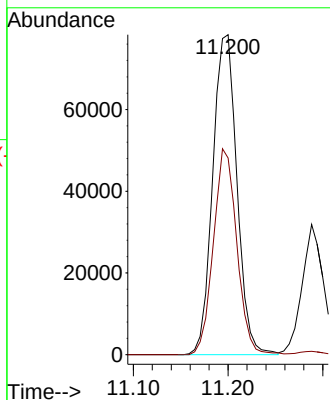
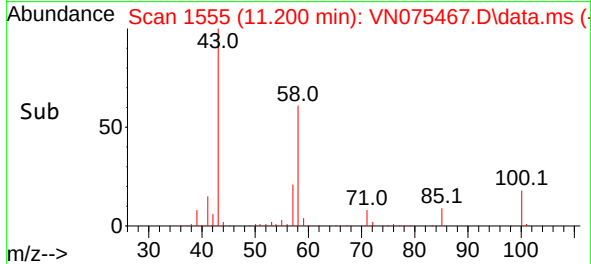
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



Tgt Ion: 43 Resp: 13905
Ion Ratio Lower Upper
43 100
58 62.3 29.6 88.8

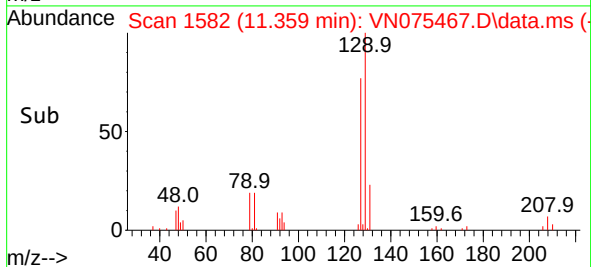
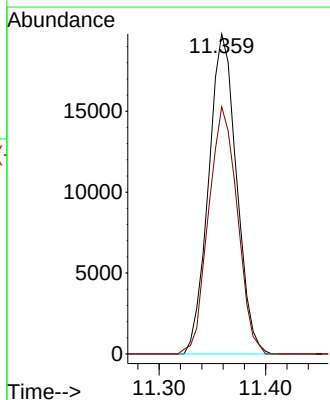
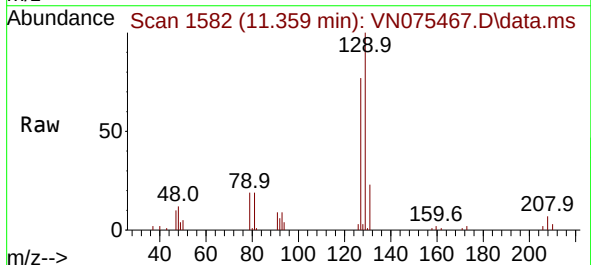
Manual Integrations
APPROVED

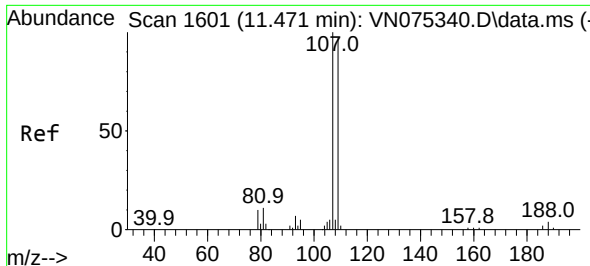
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#60
Dibromochloromethane
Concen: 21.414 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

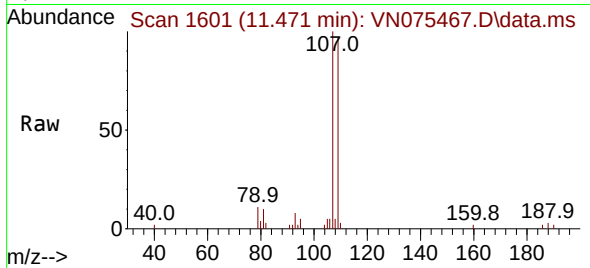
Tgt Ion:129 Resp: 36034
Ion Ratio Lower Upper
129 100
127 79.5 38.6 115.8





#61
1,2-Dibromoethane
Concen: 19.828 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

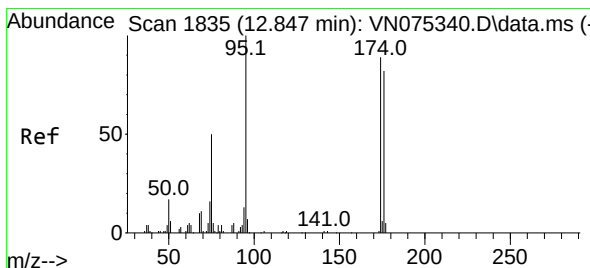
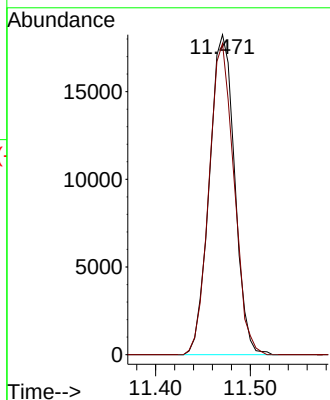
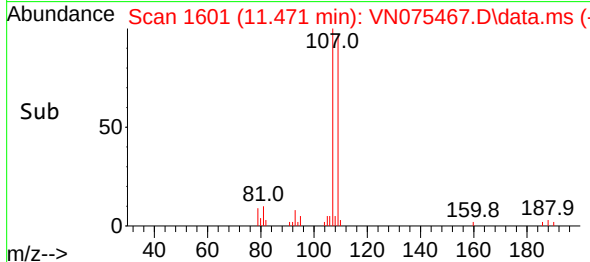
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



Tgt Ion:107 Resp: 33739
Ion Ratio Lower Upper
107 100
109 96.3 75.6 113.4

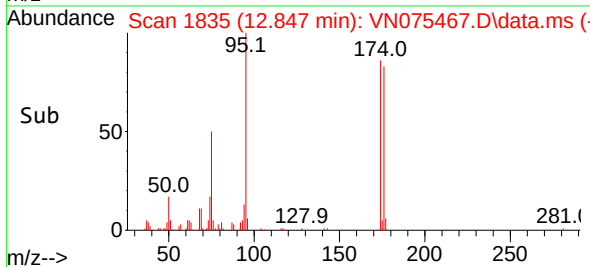
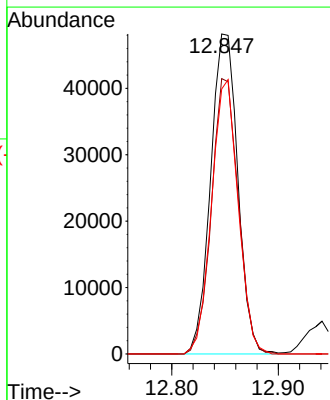
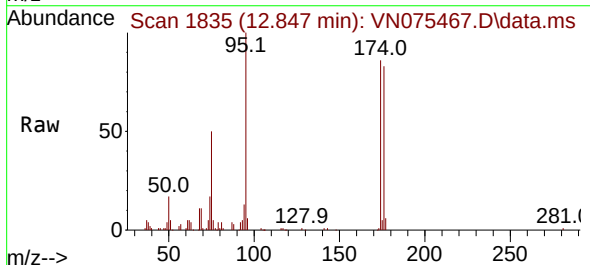
Manual Integrations
APPROVED

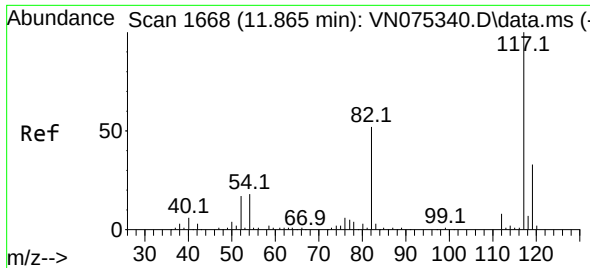
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#62
4-Bromofluorobenzene
Concen: 54.836 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

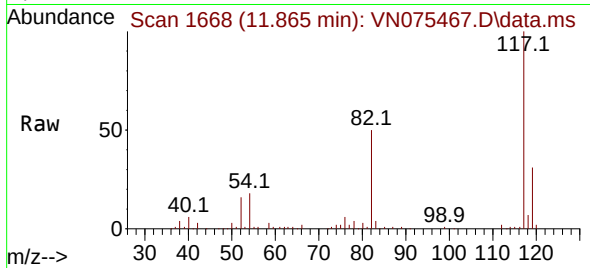
Tgt Ion: 95 Resp: 85281
Ion Ratio Lower Upper
95 100
174 84.9 0.0 147.4
176 83.6 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

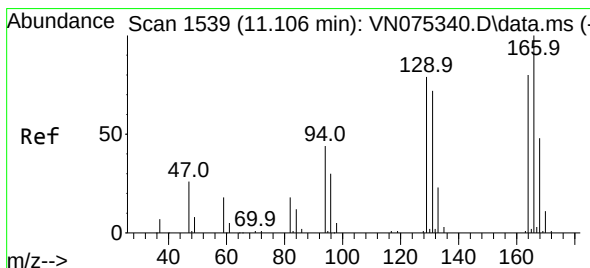
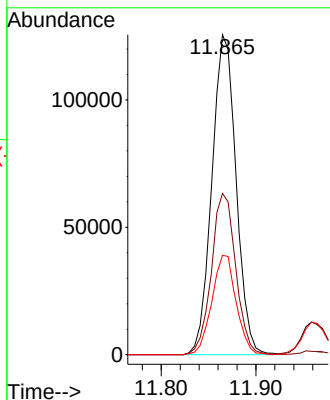
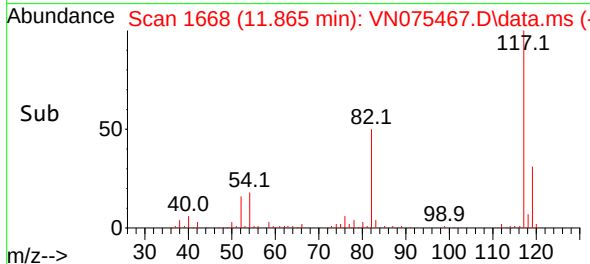
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



Tgt Ion:117 Resp: 222975
Ion Ratio Lower Upper
117 100
82 50.4 43.1 64.7
119 31.1 25.5 38.3

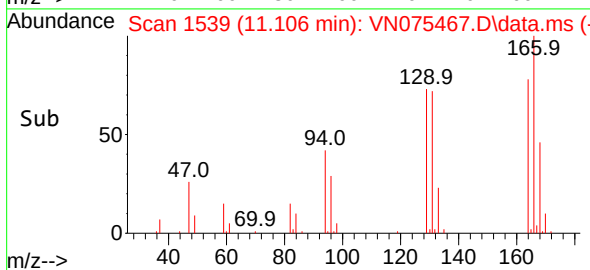
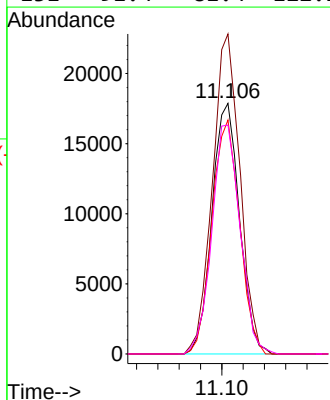
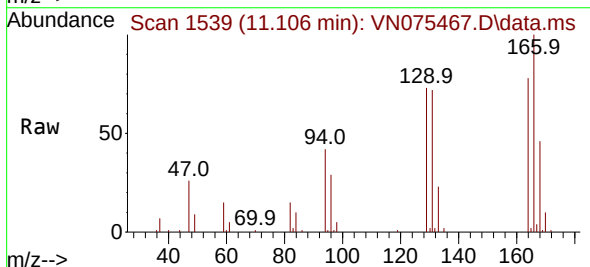
Manual Integrations
APPROVED

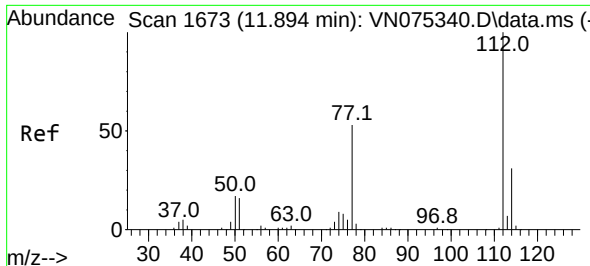
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#64
Tetrachloroethene
Concen: 18.877 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

Tgt Ion:164 Resp: 32143
Ion Ratio Lower Upper
164 100
166 127.7 106.5 159.7
129 93.4 81.9 122.9
131 91.4 81.4 122.2





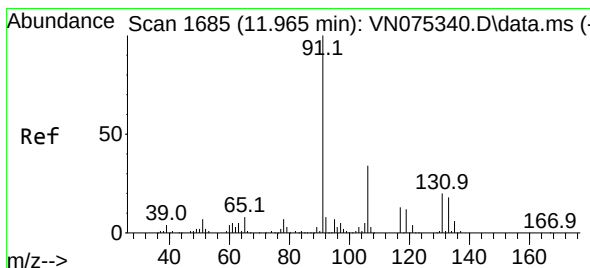
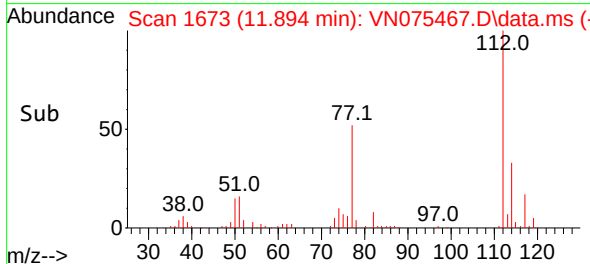
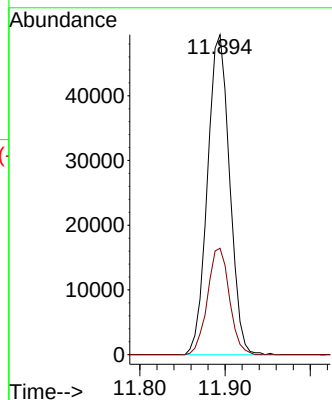
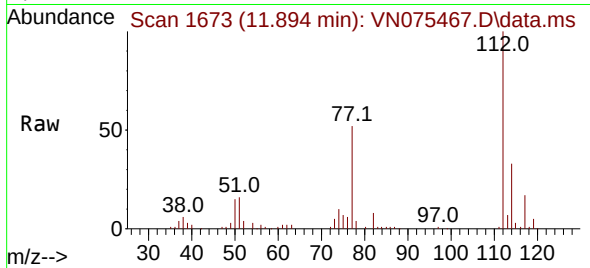
#65
Chlorobenzene
Concen: 19.356 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion:112 Resp: 89129
Ion Ratio Lower Upper
112 100
114 33.3 25.4 38.2

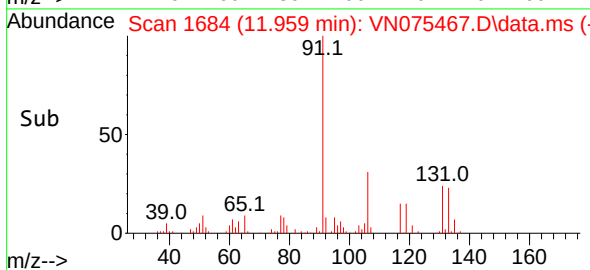
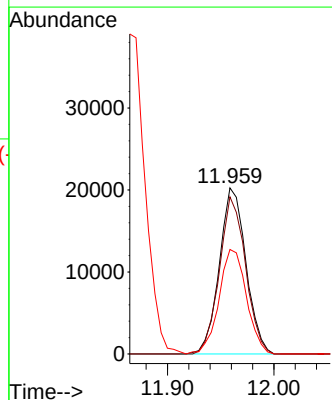
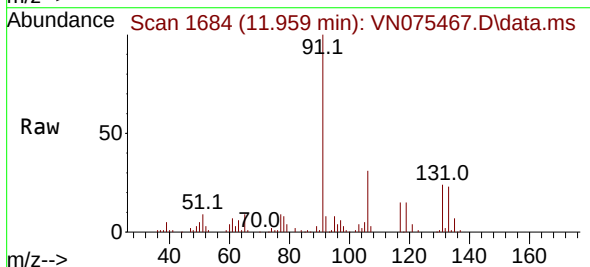
Manual Integrations
APPROVED

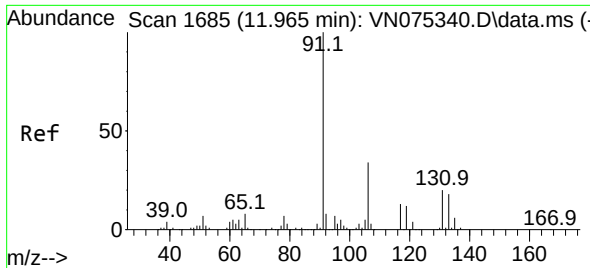
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.447 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

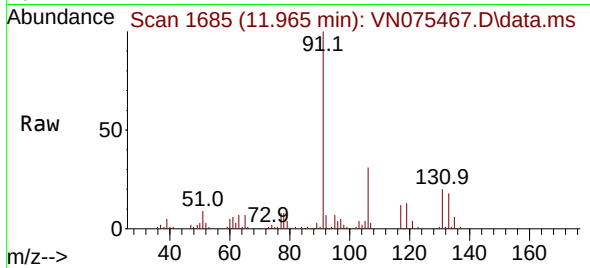
Tgt Ion:131 Resp: 35140
Ion Ratio Lower Upper
131 100
133 92.9 47.8 143.4
119 64.9 33.0 99.0





#67
Ethyl Benzene
Concen: 20.053 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

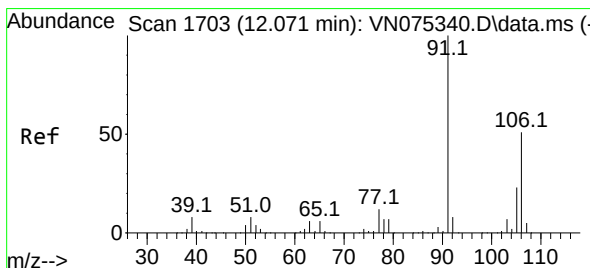
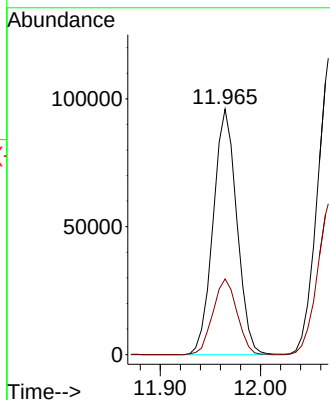
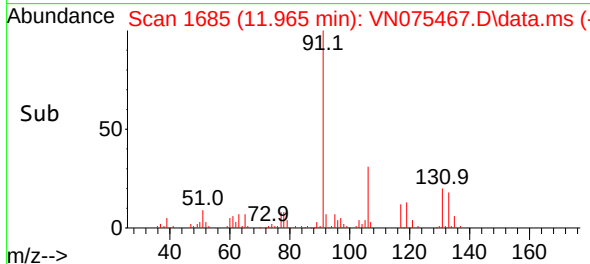
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



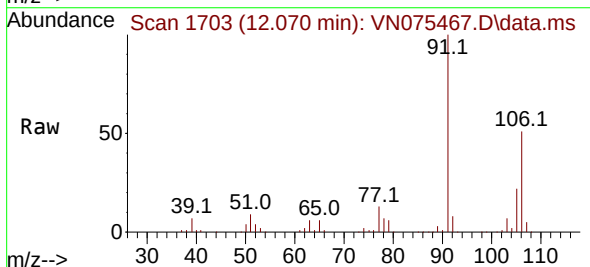
Tgt Ion: 91 Resp: 157530
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3

Manual Integrations
APPROVED

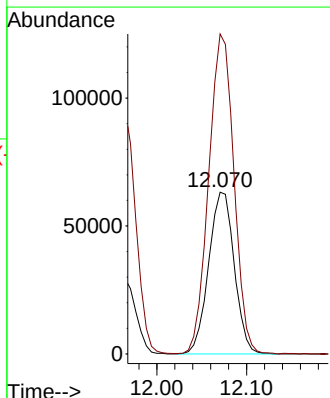
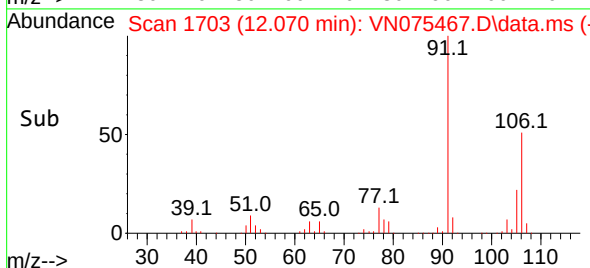
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022

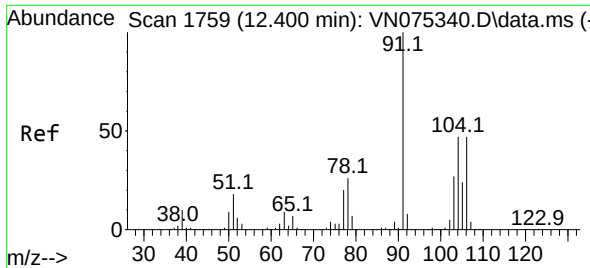


#68
m/p-Xylenes
Concen: 39.233 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40



Tgt Ion:106 Resp: 125165
Ion Ratio Lower Upper
106 100
91 195.4 156.0 234.0





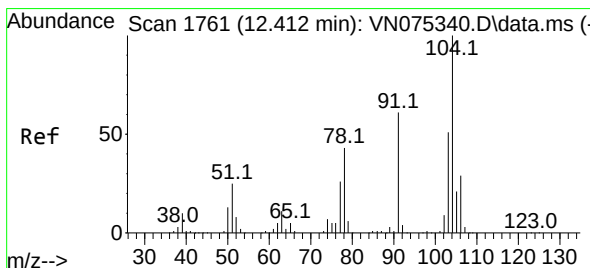
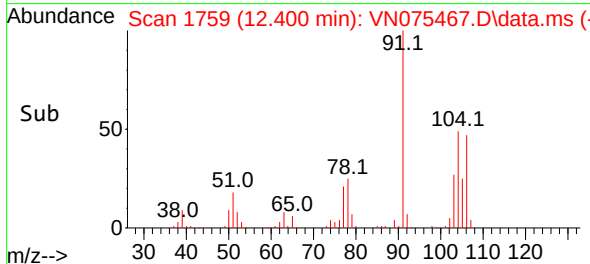
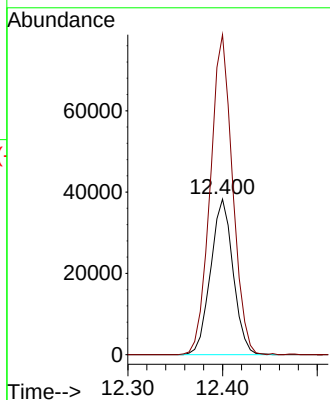
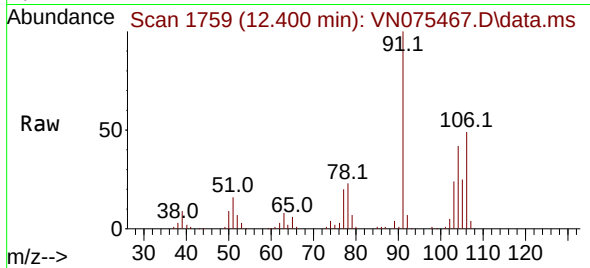
#69
o-Xylene
Concen: 19.890 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion:106 Resp: 6304
Ion Ratio Lower Upper
106 100
91 204.2 105.2 315.5

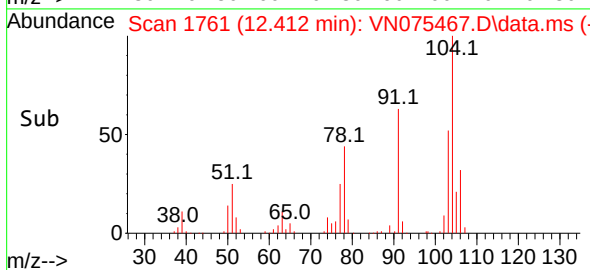
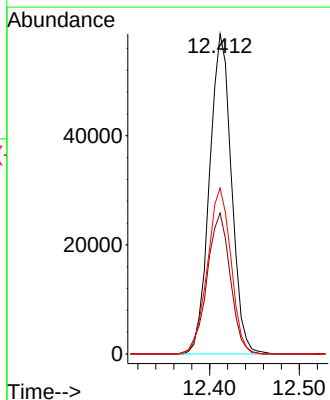
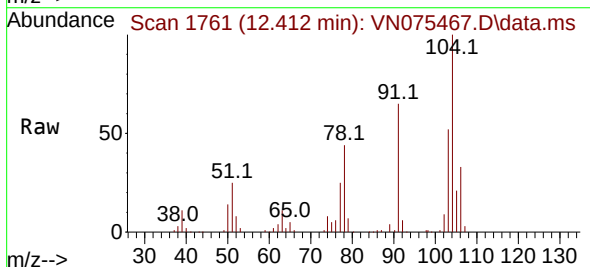
Manual Integrations
APPROVED

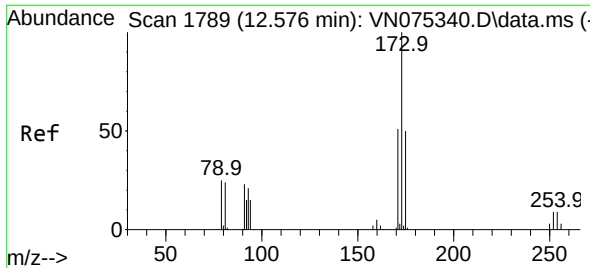
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#70
Styrene
Concen: 19.943 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

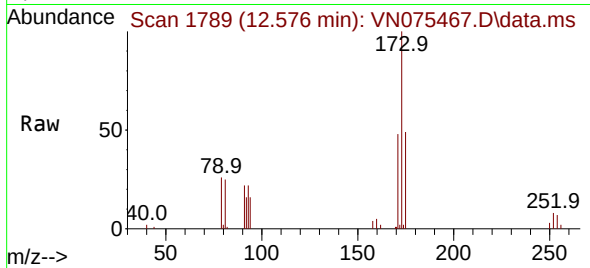
Tgt Ion:104 Resp: 99720
Ion Ratio Lower Upper
104 100
78 46.6 38.1 57.1
103 55.1 44.6 66.8





#71
Bromoform
Concen: 20.483 ug/l
RT: 12.576 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

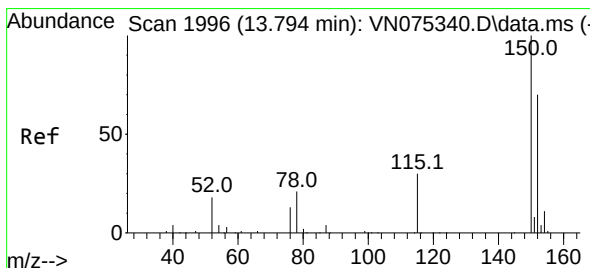
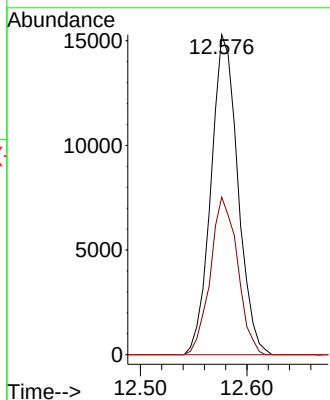
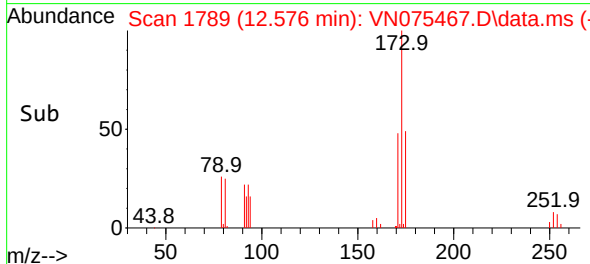
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



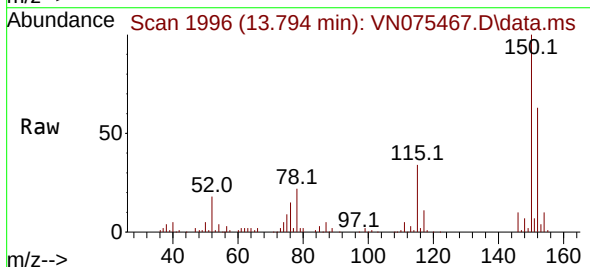
Tgt Ion:173 Resp: 26792
Ion Ratio Lower Upper
173 100
175 49.7 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

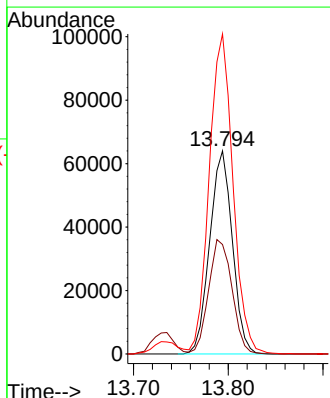
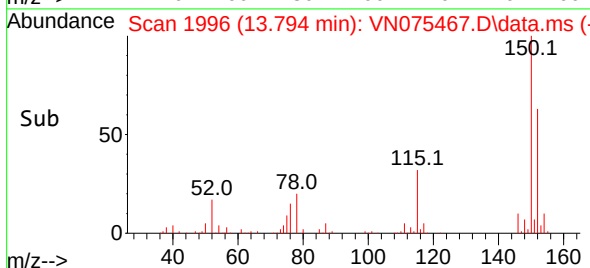
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022

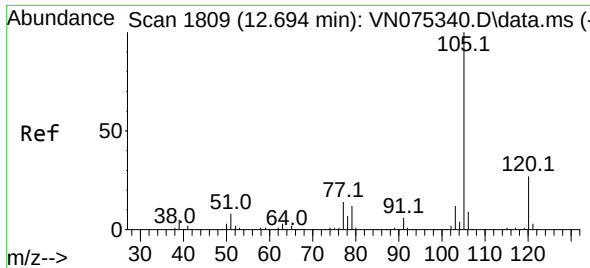


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40



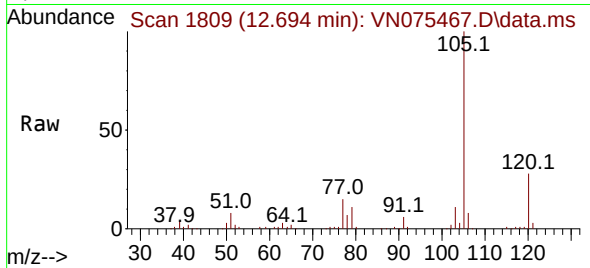
Tgt Ion:152 Resp: 106325
Ion Ratio Lower Upper
152 100
115 58.1 30.2 90.6
150 164.9 0.0 348.4





#73
Isopropylbenzene
Concen: 20.242 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

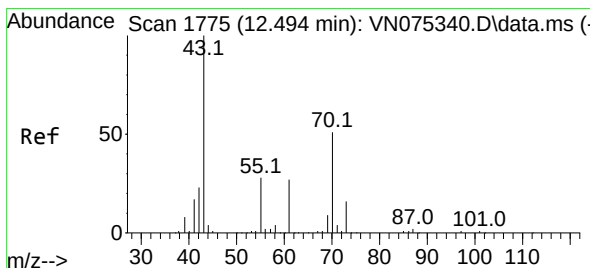
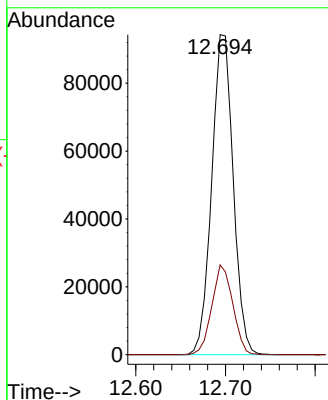
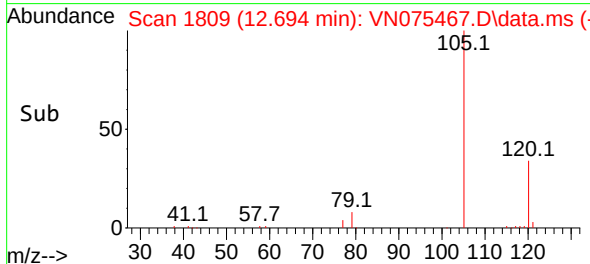
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



Tgt Ion:105 Resp: 15724
Ion Ratio Lower Upper
105 100
120 27.2 13.1 39.1

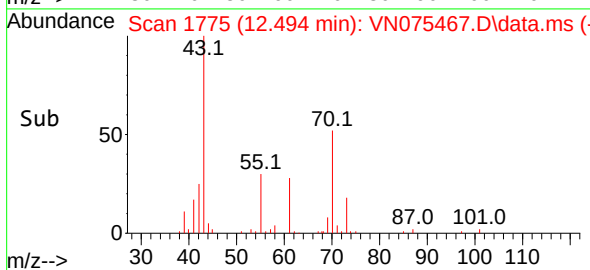
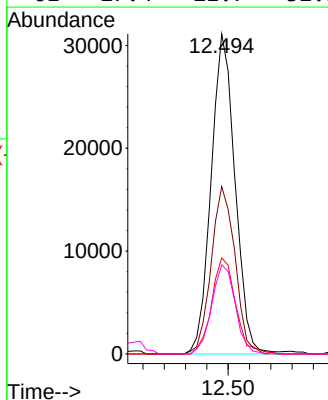
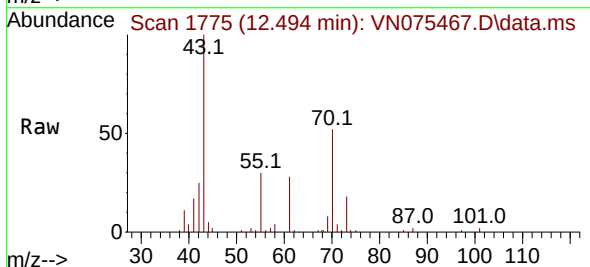
Manual Integrations
APPROVED

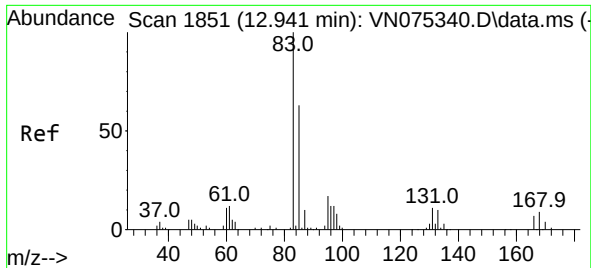
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#74
N-ethyl acetate
Concen: 20.287 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

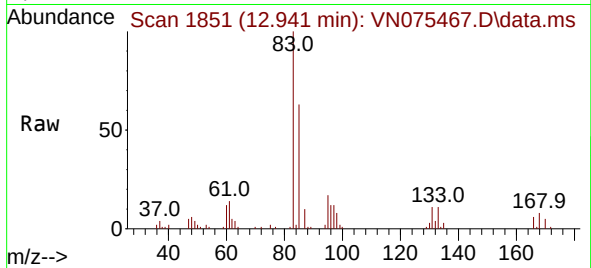
Tgt Ion: 43 Resp: 48448
Ion Ratio Lower Upper
43 100
70 52.3 39.8 59.8
55 30.0 19.9 29.9#
61 27.4 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 21.055 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

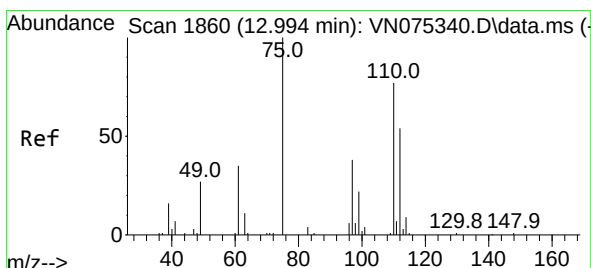
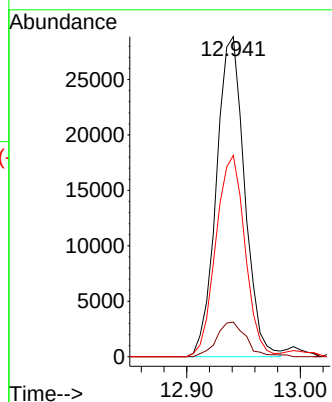
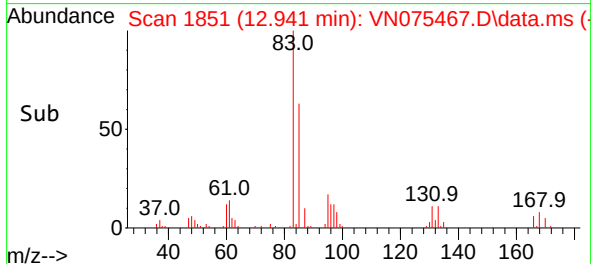
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



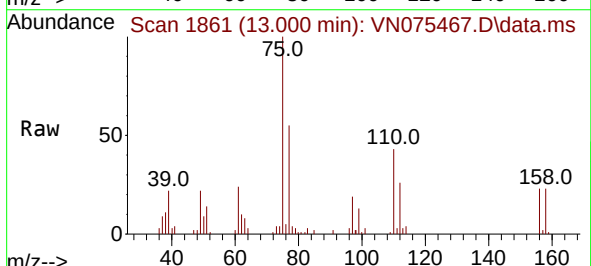
Tgt Ion: 83 Resp: 4986
Ion Ratio Lower Upper
83 100
131 11.4 5.1 15.3
85 65.0 31.6 94.7

Manual Integrations
APPROVED

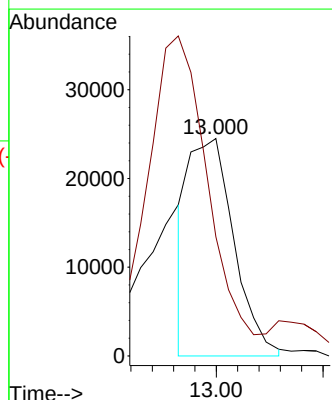
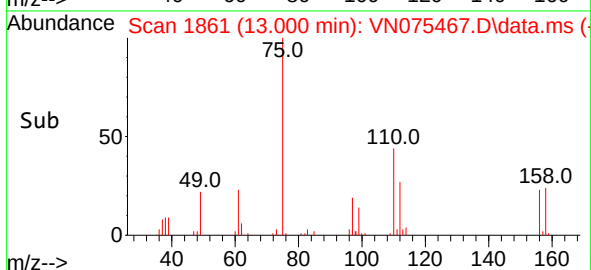
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022

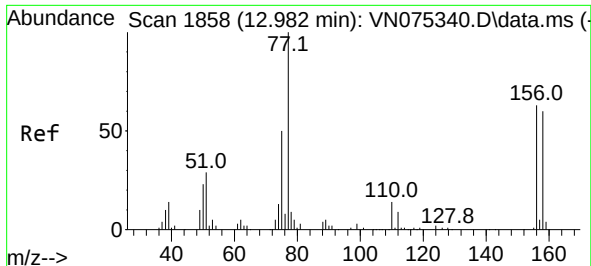


#76
1,2,3-Trichloropropane
Concen: 18.041 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40



Tgt Ion: 75 Resp: 36268
Ion Ratio Lower Upper
75 100
77 198.5 75.6 226.8





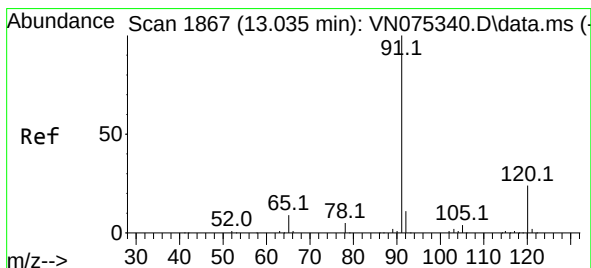
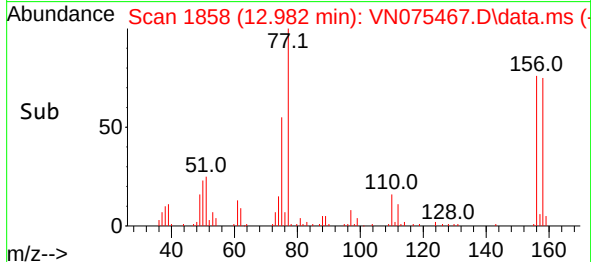
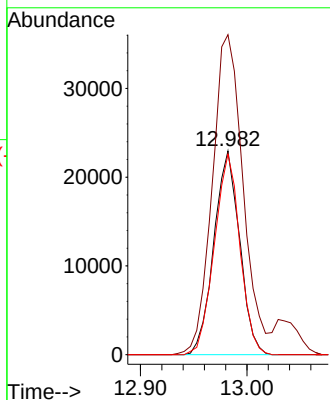
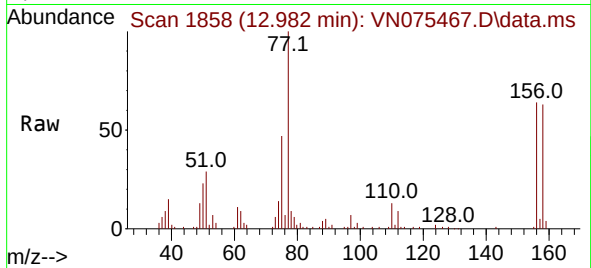
#77
Bromobenzene
Concen: 20.107 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion:156 Resp: 3856
Ion Ratio Lower Upper
156 100
77 186.7 108.5 325.5
158 97.7 47.7 143.1

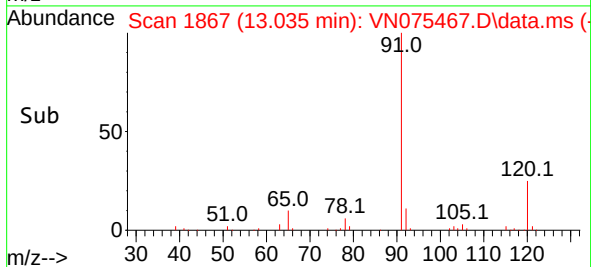
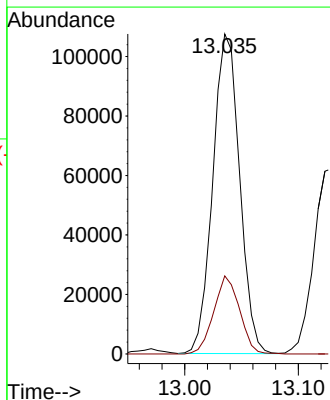
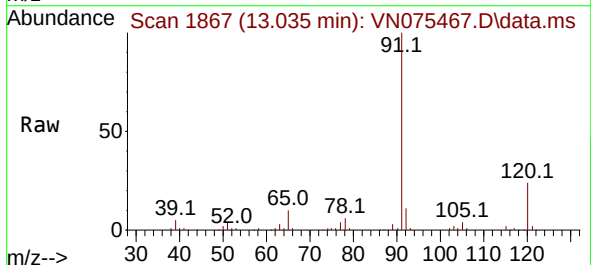
Manual Integrations
APPROVED

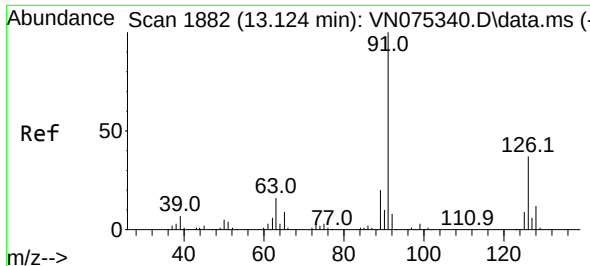
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#78
n-propylbenzene
Concen: 20.339 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

Tgt Ion: 91 Resp: 176326
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.5





#79

2-Chlorotoluene

Concen: 20.796 ug/l

RT: 13.129 min Scan# 1882

Delta R.T. 0.005 min

Lab File: VN075467.D

Acq: 29 Nov 2022 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBSD01

Tgt Ion: 91 Resp: 108628

Ion Ratio Lower Upper

91 100

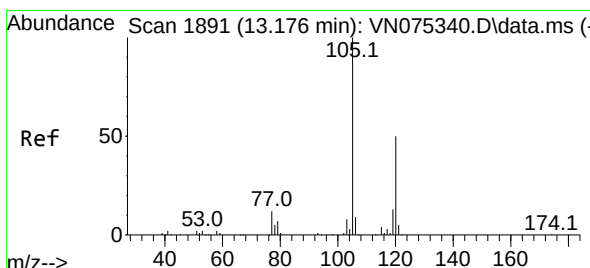
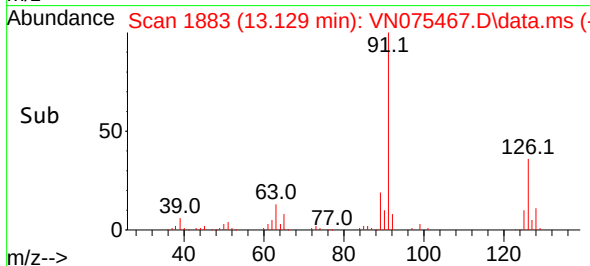
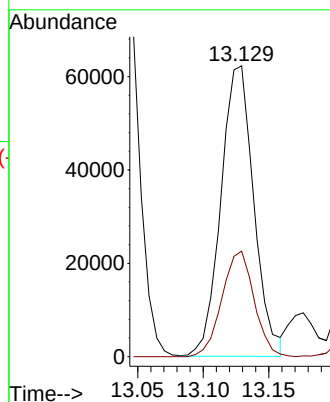
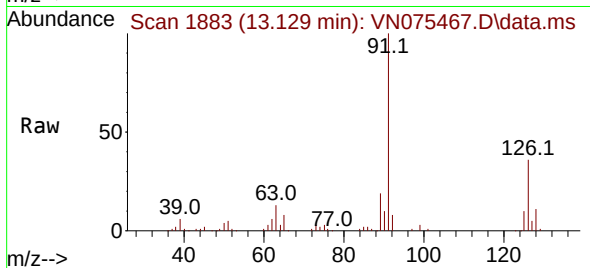
126 35.5 16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2022

Supervised By :Mahesh Dadoda 11/30/2022



#80

1,3,5-Trimethylbenzene

Concen: 21.162 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075467.D

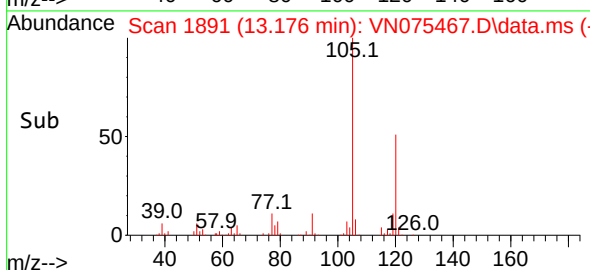
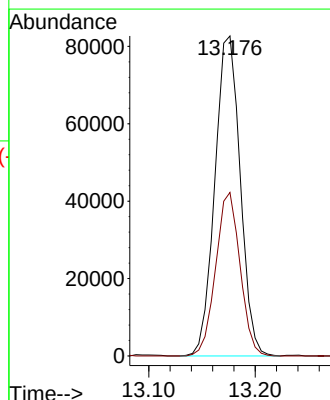
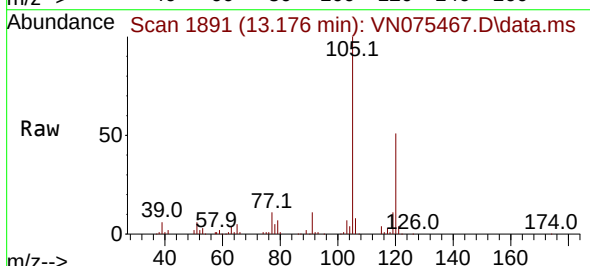
Acq: 29 Nov 2022 11:40

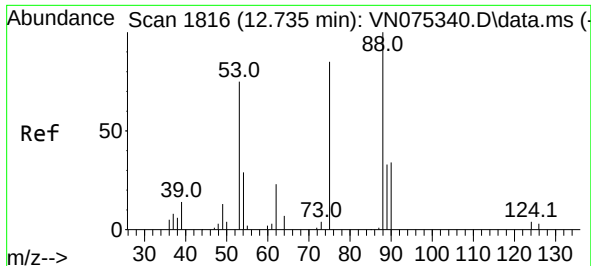
Tgt Ion:105 Resp: 136574

Ion Ratio Lower Upper

105 100

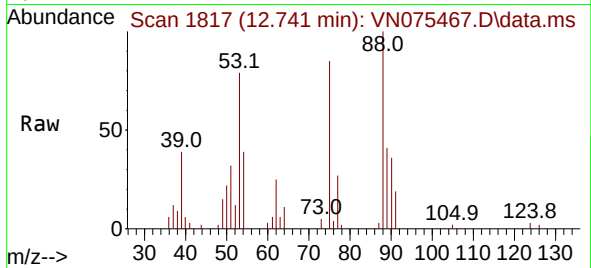
120 49.1 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 19.300 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

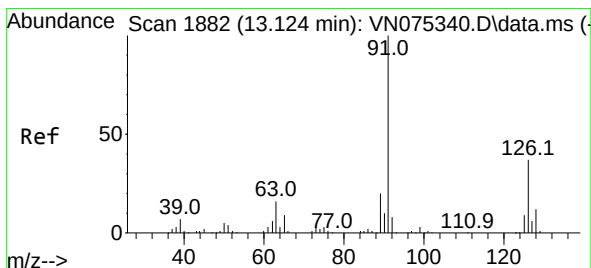
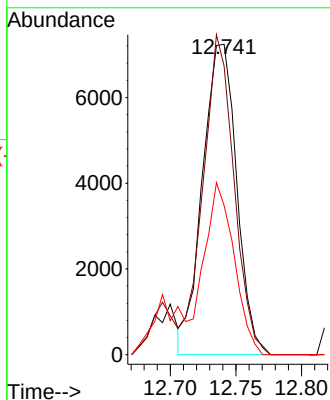
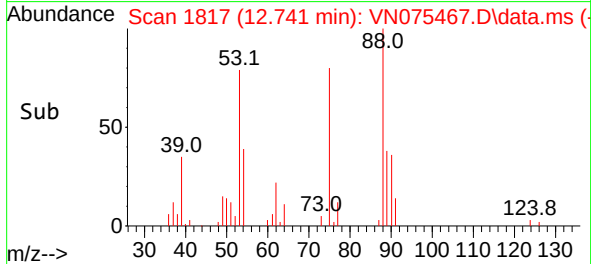
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



Tgt Ion: 75 Resp: 1311
Ion Ratio Lower Upper
75 100
53 93.2 78.5 117.7
89 48.9 37.7 56.5

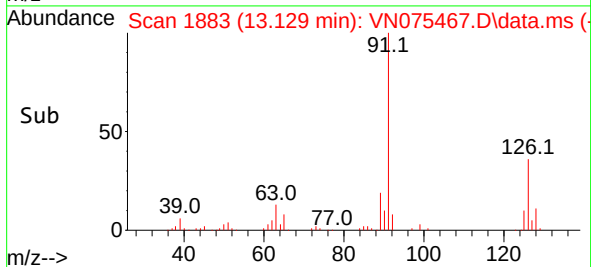
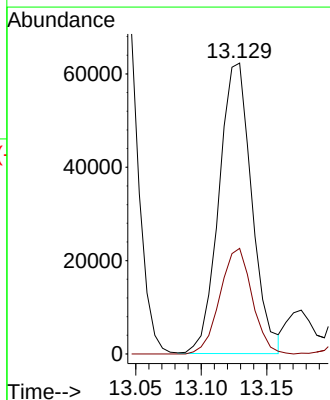
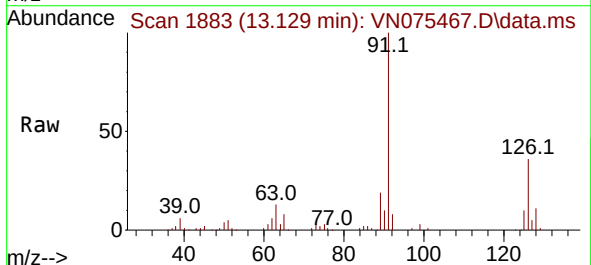
Manual Integrations
APPROVED

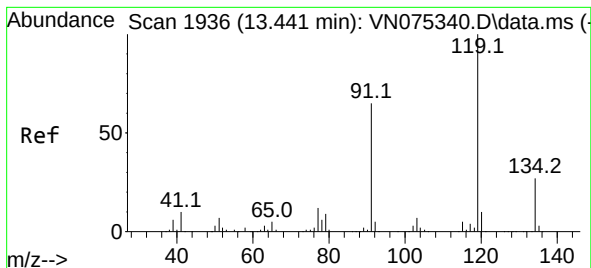
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#82
4-Chlorotoluene
Concen: 20.796 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

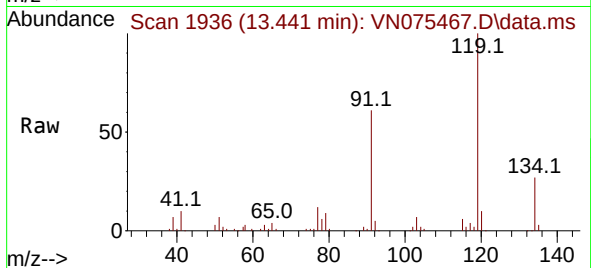
Tgt Ion: 91 Resp: 108628
Ion Ratio Lower Upper
91 100
126 35.5 16.9 50.7





#83
tert-Butylbenzene
Concen: 19.968 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

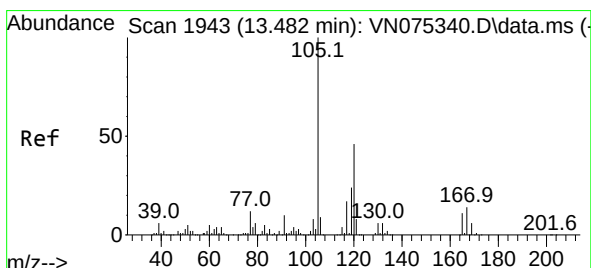
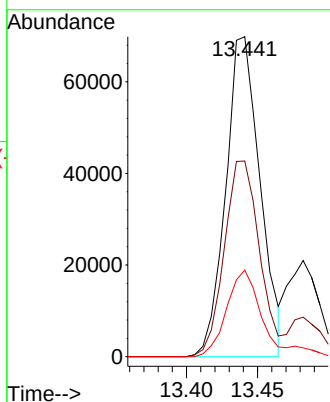
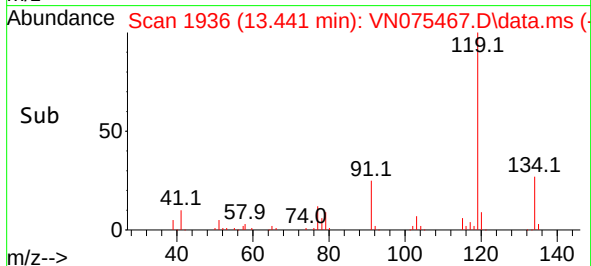
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



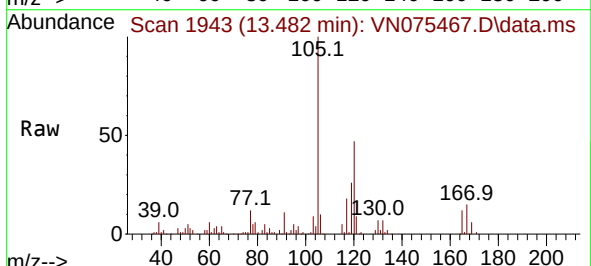
Tgt Ion:119 Resp: 117499
Ion Ratio Lower Upper
119 100
91 62.4 32.8 98.4
134 28.5 12.3 36.9

Manual Integrations
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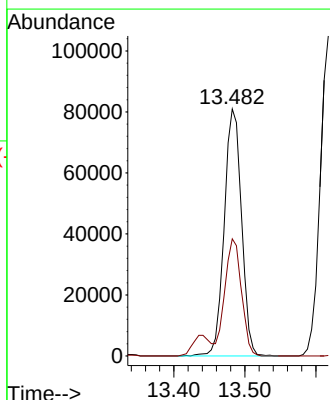
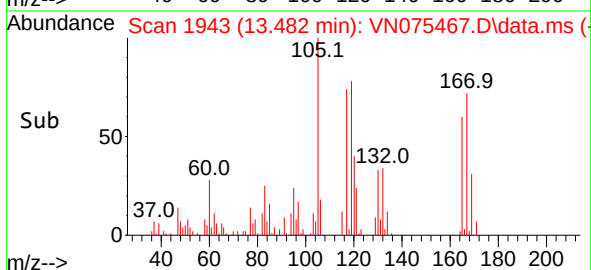
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022

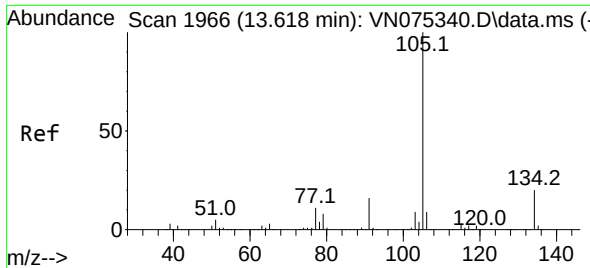


#84
1,2,4-Trimethylbenzene
Concen: 21.108 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40



Tgt Ion:105 Resp: 136643
Ion Ratio Lower Upper
105 100
120 46.3 22.7 68.1





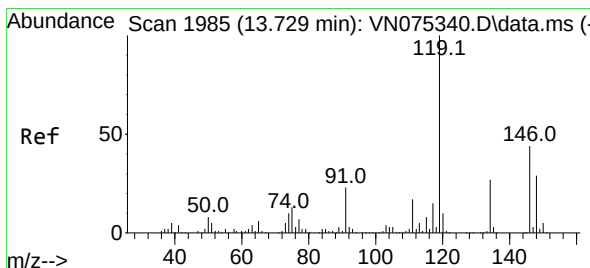
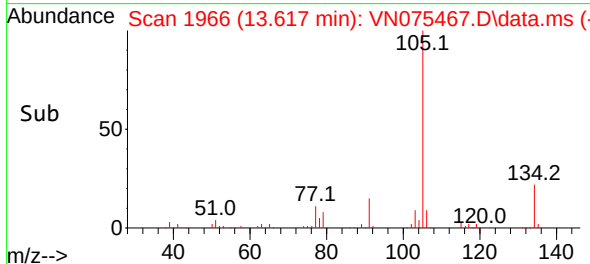
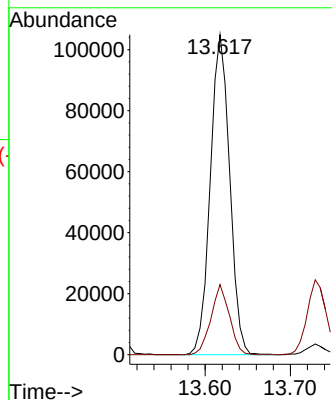
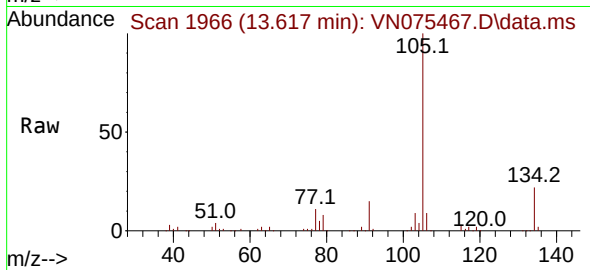
#85
 sec-Butylbenzene
 Concen: 20.758 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075467.D
 Acq: 29 Nov 2022 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBSD01

Tgt Ion:105 Resp: 165738
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.6

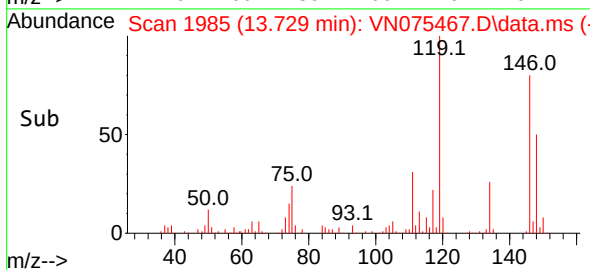
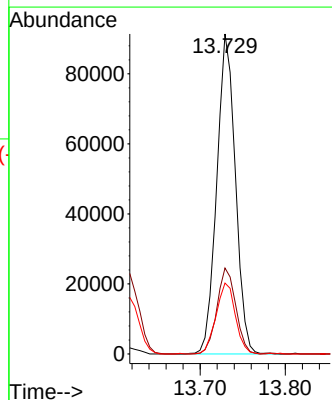
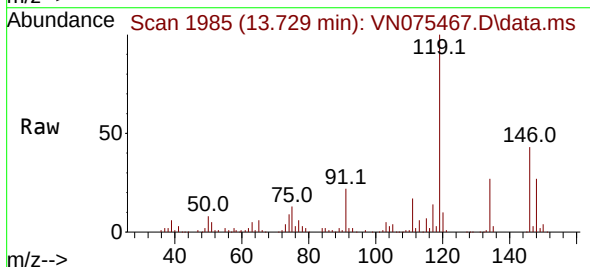
Manual Integrations
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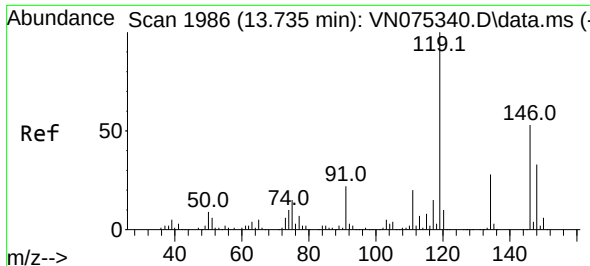
Reviewed By :John Carlone 11/30/2022
 Supervised By :Mahesh Dadoda 11/30/2022



#86
 p-Isopropyltoluene
 Concen: 20.649 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075467.D
 Acq: 29 Nov 2022 11:40

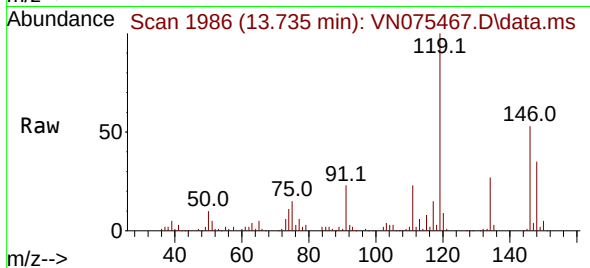
Tgt Ion:119 Resp: 138709
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.1 39.3
 91 22.9 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 20.154 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

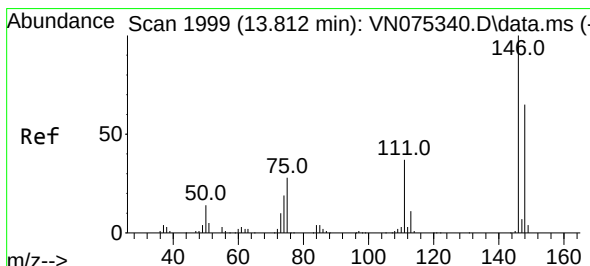
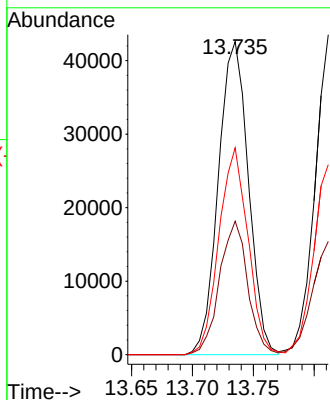
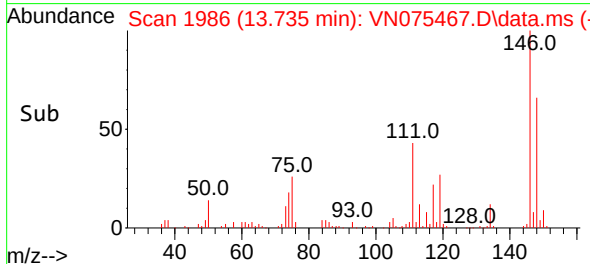
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



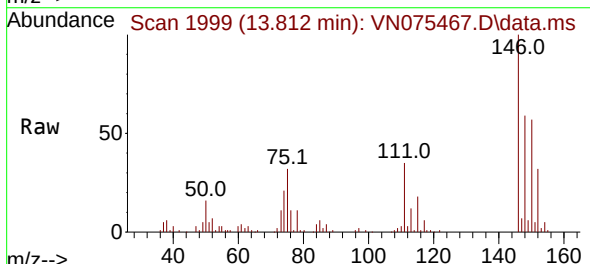
Tgt Ion:146 Resp: 7323
Ion Ratio Lower Upper
146 100
111 40.0 20.8 62.5
148 64.1 31.1 93.5

Manual Integrations
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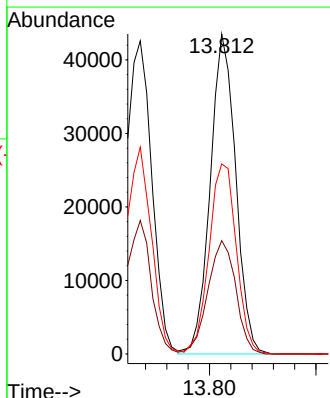
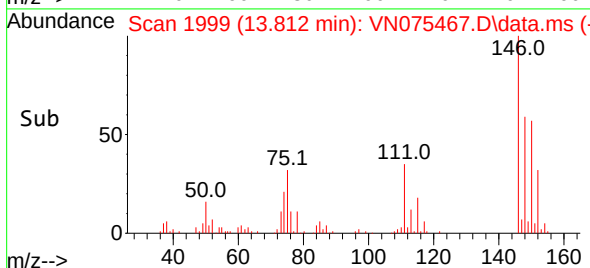
Reviewed By :John Carbone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022

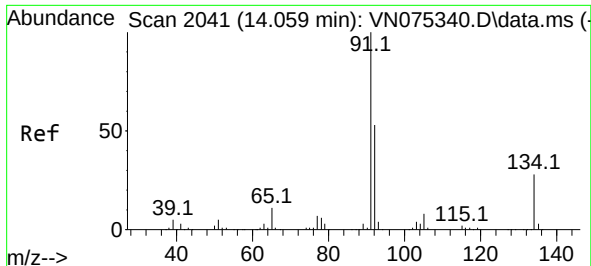


#88
1,4-Dichlorobenzene
Concen: 19.559 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40



Tgt Ion:146 Resp: 72192
Ion Ratio Lower Upper
146 100
111 38.9 20.1 60.3
148 63.7 31.9 95.7





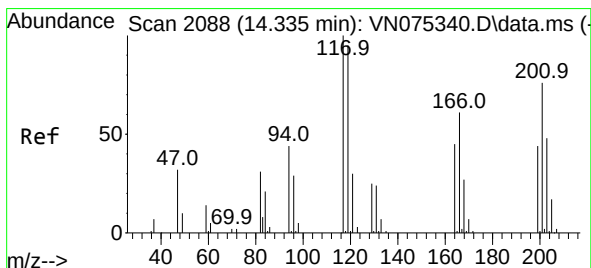
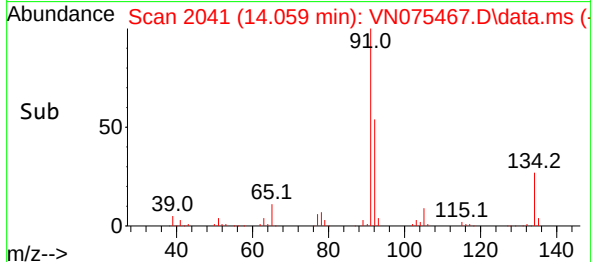
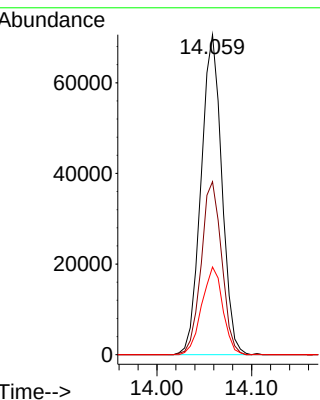
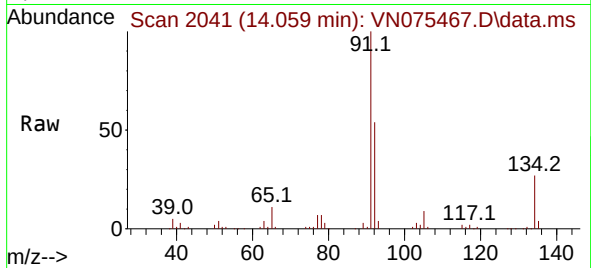
#89
n-Butylbenzene
Concen: 18.930 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion: 91 Resp: 107399
Ion Ratio Lower Upper
91 100
92 53.4 26.5 79.4
134 27.8 13.0 39.0

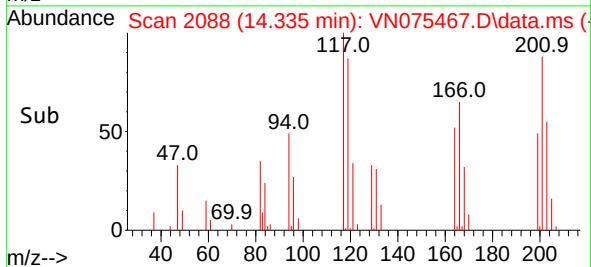
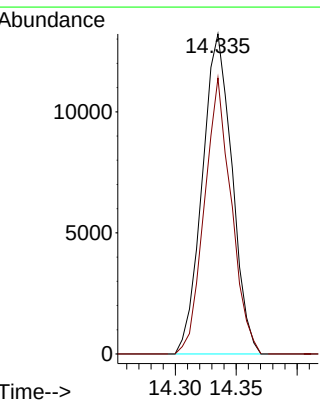
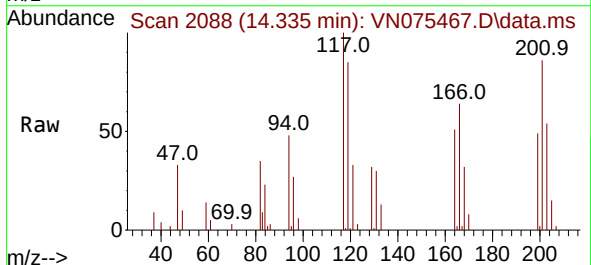
Manual Integrations
APPROVED

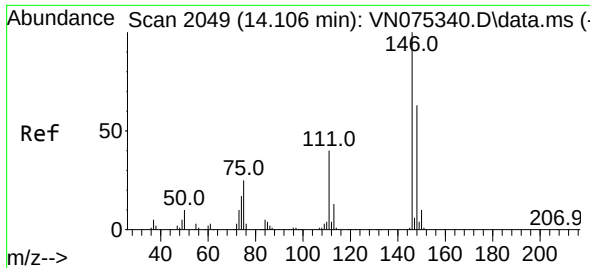
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#90
Hexachloroethane
Concen: 19.413 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

Tgt Ion:117 Resp: 22497
Ion Ratio Lower Upper
117 100
201 77.8 31.5 94.5





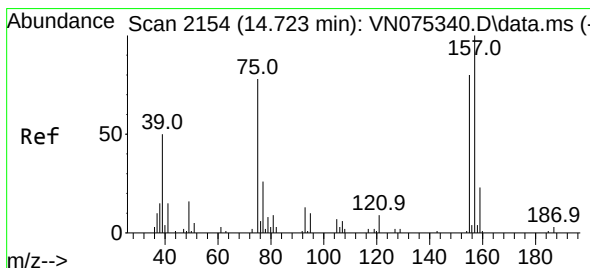
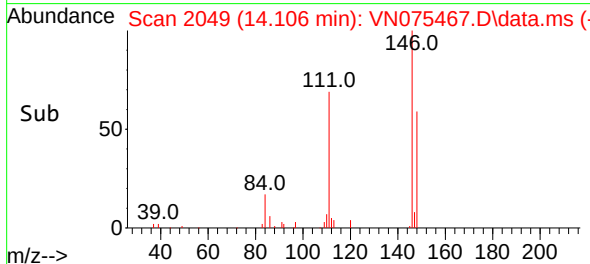
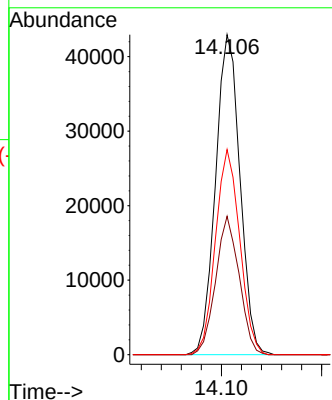
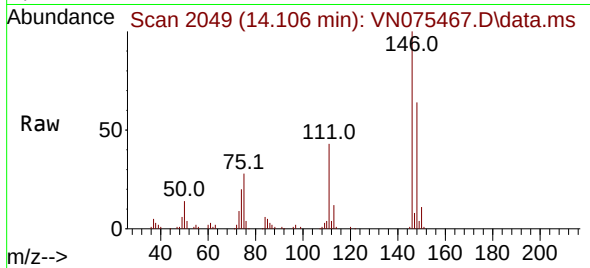
#91
1,2-Dichlorobenzene
Concen: 20.525 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Tgt Ion:146 Resp: 7269
Ion Ratio Lower Upper
146 100
111 41.6 21.3 63.9
148 63.8 31.4 94.2

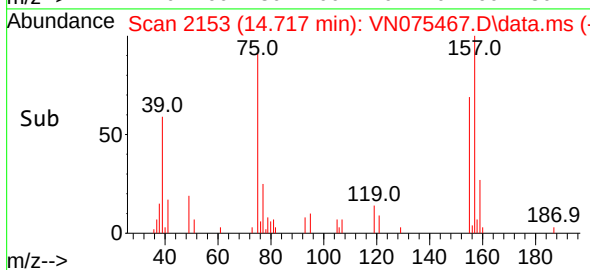
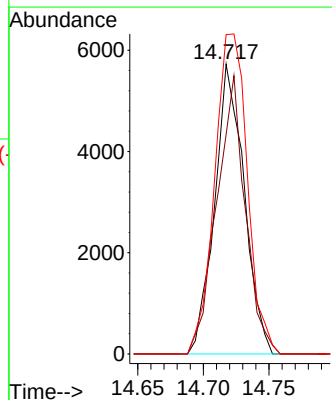
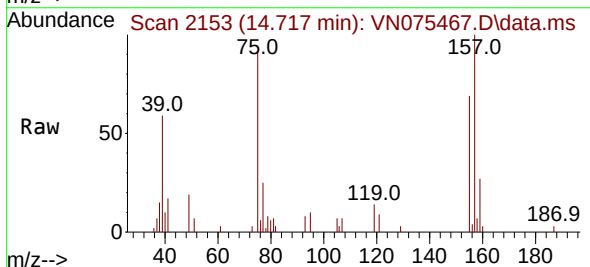
Manual Integrations
APPROVED

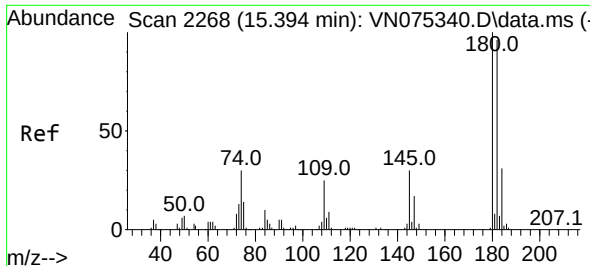
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.950 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

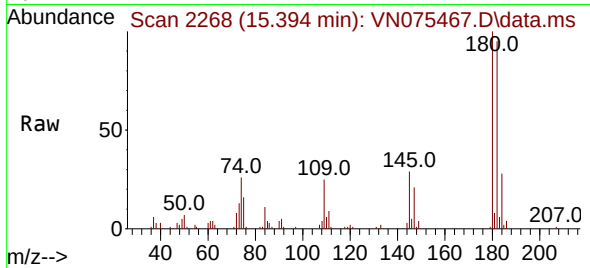
Tgt Ion: 75 Resp: 8950
Ion Ratio Lower Upper
75 100
155 93.3 42.1 126.3
157 122.7 51.7 155.1





#93
 1,2,4-Trichlorobenzene
 Concen: 19.234 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN075467.D
 Acq: 29 Nov 2022 11:40

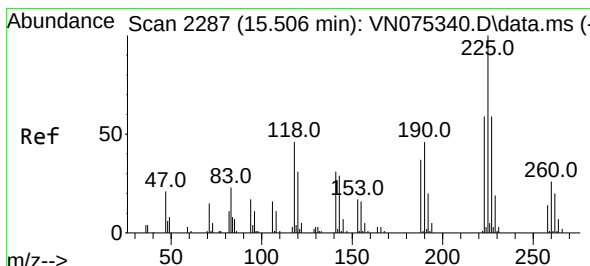
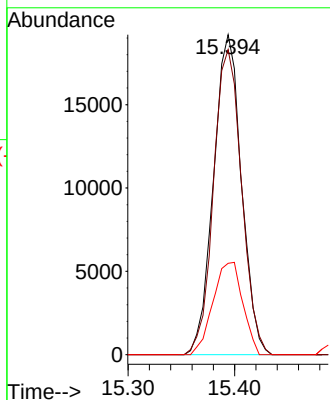
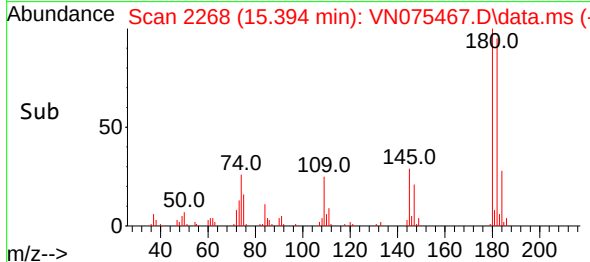
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBSD01



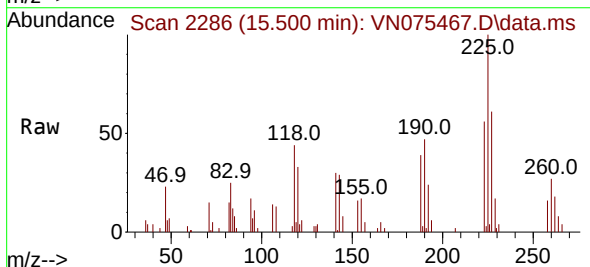
Tgt Ion:180 Resp: 3491
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.8 143.4
 145 30.7 16.8 50.3

Manual Integrations
 APPROVED

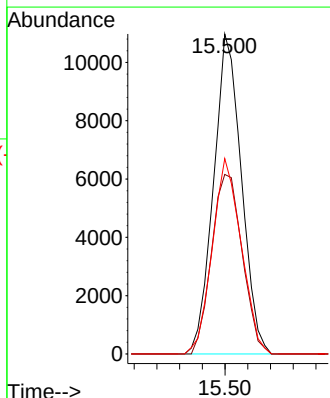
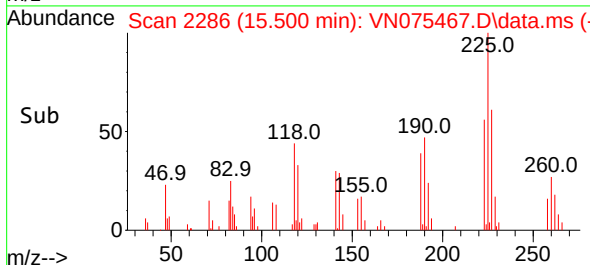
Reviewed By :John Carlone 11/30/2022
 Supervised By :Mahesh Dadoda 11/30/2022

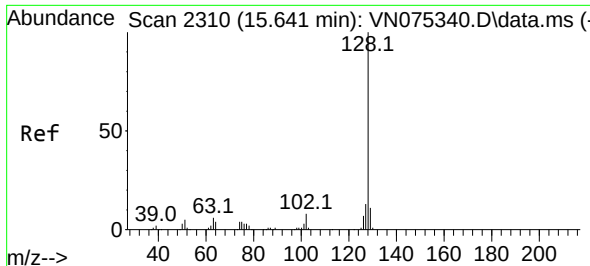


#94
 Hexachlorobutadiene
 Concen: 19.763 ug/l
 RT: 15.500 min Scan# 2286
 Delta R.T. -0.006 min
 Lab File: VN075467.D
 Acq: 29 Nov 2022 11:40



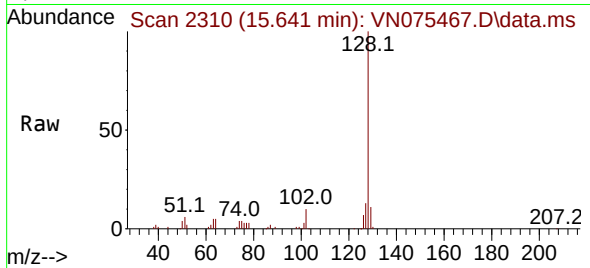
Tgt Ion:225 Resp: 18685
 Ion Ratio Lower Upper
 225 100
 223 61.9 32.3 96.9
 227 63.4 32.0 96.2





#95
Naphthalene
Concen: 19.079 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40

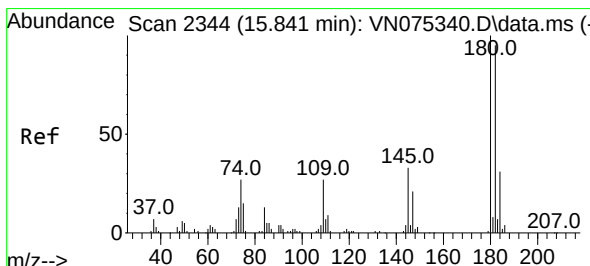
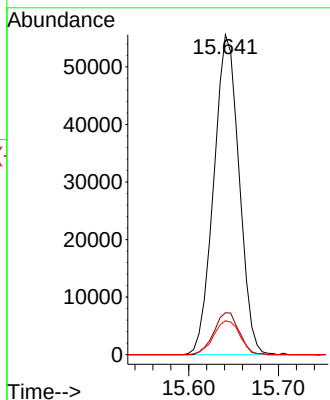
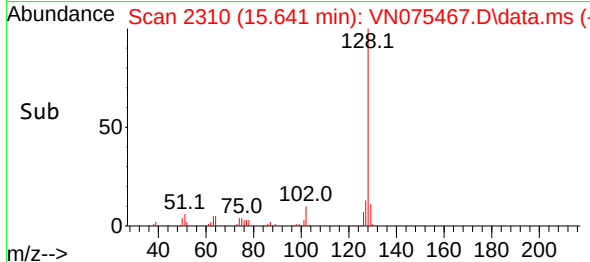
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01



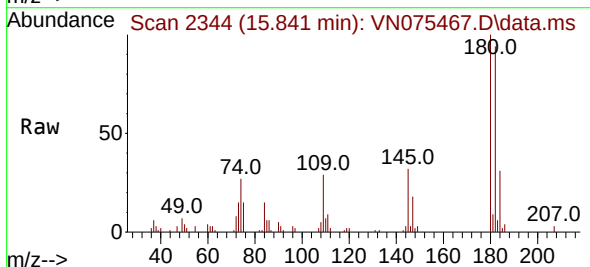
Tgt Ion:128 Resp: 108940
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.1 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.912 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075467.D
Acq: 29 Nov 2022 11:40



Tgt Ion:180 Resp: 33738
Ion Ratio Lower Upper
180 100
182 99.2 47.3 141.8
145 33.9 17.6 52.9

