

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112322\
 Data File : VN075410.D
 Acq On : 23 Nov 2022 20:46
 Operator : JC\MD
 Sample : VN1123WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBSD02

Manual Integrations
 APPROVED

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

Quant Time: Nov 24 06:54:19 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	158586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	270545	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	43256	50.814	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.620%			
35) Dibromofluoromethane	8.171	113	53875	50.692	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.380%			
50) Toluene-d8	10.571	98	124262	51.912	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.820%			
62) 4-Bromofluorobenzene	12.847	95	97416	55.137	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	23066	19.021	ug/l	91
3) Chloromethane	2.377	50	27358	18.131	ug/l	94
4) Vinyl Chloride	2.530	62	35436	18.634	ug/l	91
5) Bromomethane	2.948	94	30926	18.494	ug/l	97
6) Chloroethane	3.124	64	27930	19.383	ug/l	98
7) Trichlorofluoromethane	3.506	101	50463	18.575	ug/l	94
8) Diethyl Ether	3.977	74	18558	19.490	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	28885	19.260	ug/l	96
10) Methyl Iodide	4.595	142	47556	19.569	ug/l	94
11) Tert butyl alcohol	5.530	59	33631	94.111	ug/l	97
12) 1,1-Dichloroethene	4.353	96	27921	19.012	ug/l	85
13) Acrolein	4.189	56	26187	84.118	ug/l	98
14) Allyl chloride	5.036	41	33244	17.500	ug/l	95
15) Acrylonitrile	5.730	53	77201	94.163	ug/l	99
16) Acetone	4.442	43	62697	78.961	ug/l	93
17) Carbon Disulfide	4.718	76	64539	16.910	ug/l	97
18) Methyl Acetate	5.036	43	43112	20.780	ug/l	93
19) Methyl tert-butyl Ether	5.806	73	100440	19.306	ug/l	98
20) Methylene Chloride	5.289	84	32620	19.478	ug/l	87
21) trans-1,2-Dichloroethene	5.794	96	31122	18.595	ug/l	95
22) Diisopropyl ether	6.683	45	82646	19.065	ug/l #	95
23) Vinyl Acetate	6.612	43	330217m	95.750	ug/l	
24) 1,1-Dichloroethane	6.583	63	53344	19.171	ug/l	95
25) 2-Butanone	7.494	43	100598	90.747	ug/l	98
26) 2,2-Dichloropropane	7.494	77	45302	17.518	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	38714	20.456	ug/l	90
28) Bromochloromethane	7.818	49	21769	19.274	ug/l #	79
29) Tetrahydrofuran	7.847	42	64897	96.244	ug/l	96
30) Chloroform	7.971	83	59236	18.538	ug/l	93
31) Cyclohexane	8.265	56	49213	18.196	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	55122	18.999	ug/l	96
36) 1,1-Dichloropropene	8.377	75	42876	18.499	ug/l	96
37) Ethyl Acetate	7.571	43	40168	19.248	ug/l	99
38) Carbon Tetrachloride	8.365	117	48457	19.032	ug/l	97
39) Methylcyclohexane	9.606	83	56131	19.351	ug/l	98
40) Benzene	8.612	78	133057	18.751	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	20816	19.510	ug/l	96
42) 1,2-Dichloroethane	8.677	62	44992	18.931	ug/l	99
43) Isopropyl Acetate	8.694	43	76280	22.772	ug/l	96
44) Trichloroethene	9.353	130	38692	19.927	ug/l	89
45) 1,2-Dichloropropane	9.624	63	31625	18.701	ug/l	95
46) Dibromomethane	9.712	93	24235	18.947	ug/l	90
47) Bromodichloromethane	9.888	83	46341	18.709	ug/l	99
48) Methyl methacrylate	9.682	41	29456	19.017	ug/l	94
49) 1,4-Dioxane	9.694	88	16950	385.383	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	207462	97.239	ug/l	96
52) Toluene	10.629	92	91339	19.974	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	47957	19.286	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	51721	19.150	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	37694	20.239	ug/l	96
56) Ethyl methacrylate	10.876	69	52439	20.849	ug/l	93
57) 1,3-Dichloropropane	11.165	76	58878	19.388	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	101825	112.250	ug/l	96
59) 2-Hexanone	11.200	43	154314	96.321	ug/l	95
60) Dibromochloromethane	11.359	129	39391	20.605	ug/l	97
61) 1,2-Dibromoethane	11.471	107	37361	19.327	ug/l	99
64) Tetrachloroethene	11.106	164	33154	17.435	ug/l	91
65) Chlorobenzene	11.894	112	99591	19.367	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	38057	19.829	ug/l	96
67) Ethyl Benzene	11.965	91	174953	19.942	ug/l	99
68) m/p-Xylenes	12.071	106	141511	39.720	ug/l	99
69) o-Xylene	12.400	106	70228	19.840	ug/l	97
70) Styrene	12.412	104	116239	20.816	ug/l	98
71) Bromoform	12.576	173	29554	20.232	ug/l #	100
73) Isopropylbenzene	12.694	105	183378	19.965	ug/l	96
74) N-amyl acetate	12.494	43	57445	20.343	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	56853	20.302	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	46045m	19.370	ug/l	
77) Bromobenzene	12.982	156	44387	19.574	ug/l	86
78) n-propylbenzene	13.035	91	208456	20.336	ug/l	94
79) 2-Chlorotoluene	13.123	91	122266	19.796	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	157633	20.656	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	14828	18.457	ug/l	96
82) 4-Chlorotoluene	13.123	91	122266	19.796	ug/l	96
83) tert-Butylbenzene	13.441	119	137622	19.779	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	153237	20.019	ug/l	99
85) sec-Butylbenzene	13.617	105	202983	21.501	ug/l	100
86) p-Isopropyltoluene	13.729	119	171350	21.572	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	86458	20.123	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	83225	19.069	ug/l	99
89) n-Butylbenzene	14.059	91	140258	20.907	ug/l	98
90) Hexachloroethane	14.335	117	27362	19.968	ug/l	86
91) 1,2-Dichlorobenzene	14.106	146	86039	20.544	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11010	20.755	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	47320	22.048	ug/l	99
94) Hexachlorobutadiene	15.500	225	25059	22.416	ug/l	98
95) Naphthalene	15.641	128	153339	22.711	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	45382	21.514	ug/l	95

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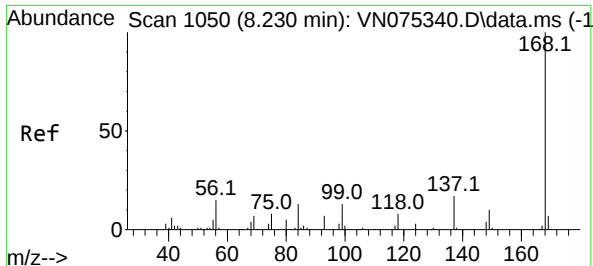
Manual Integrations
APPROVED

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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)
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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: VN075410.D
Acq: 23 Nov 2022 20:46

Instrument :

MSVOA_N

ClientSampleId :

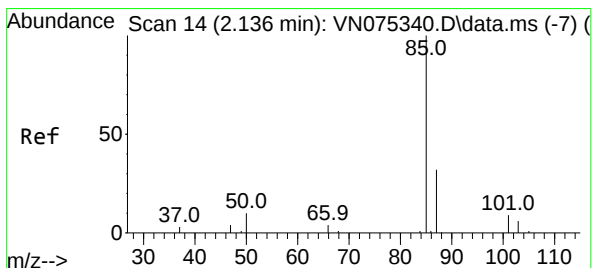
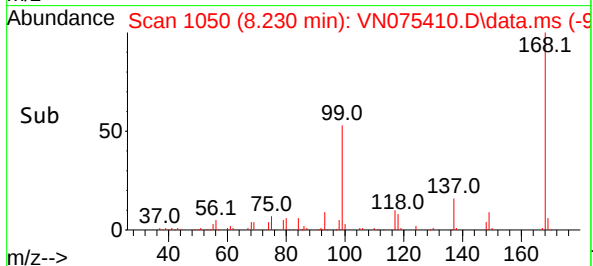
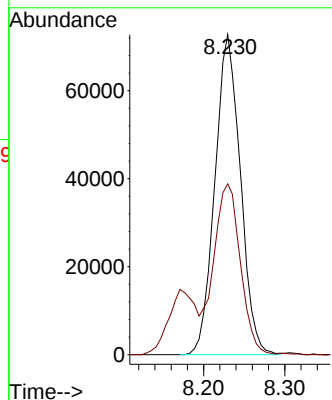
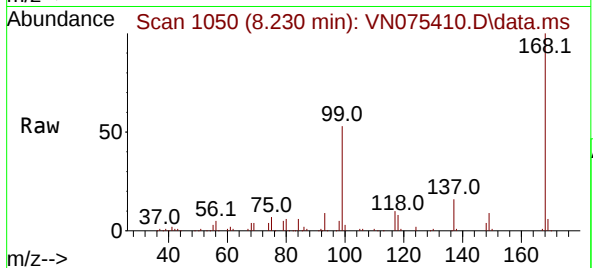
VN1123WBSD02

Tgt Ion:168 Resp: 158580
Ion Ratio Lower Upper
168 100
99 53.0 51.6 77.4

Manual Integrations

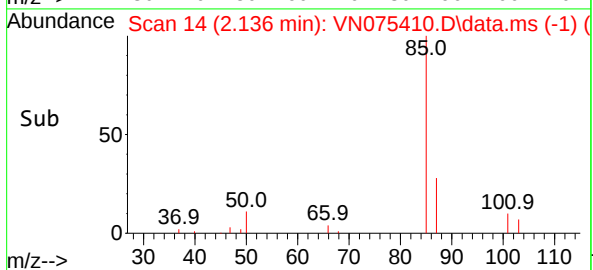
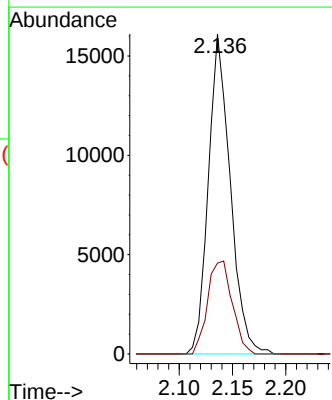
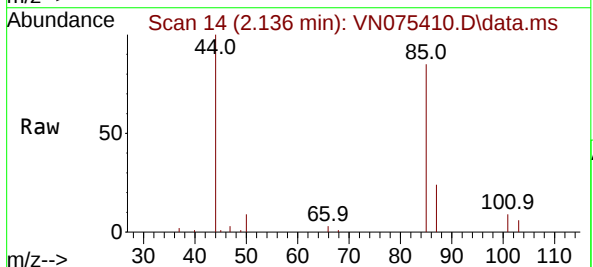
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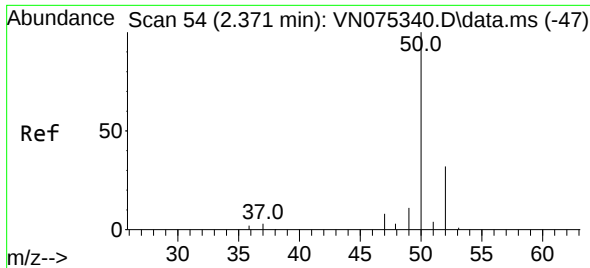
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#2
Dichlorodifluoromethane
Concen: 19.021 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

Tgt Ion: 85 Resp: 23066
Ion Ratio Lower Upper
85 100
87 28.4 16.7 50.0





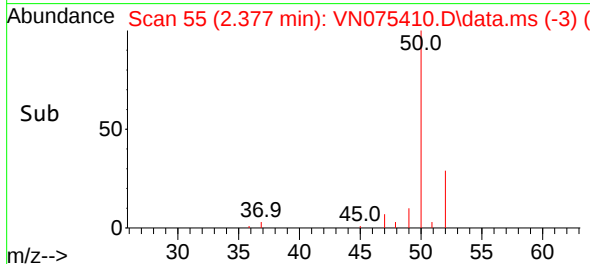
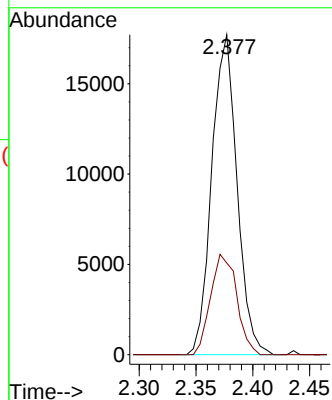
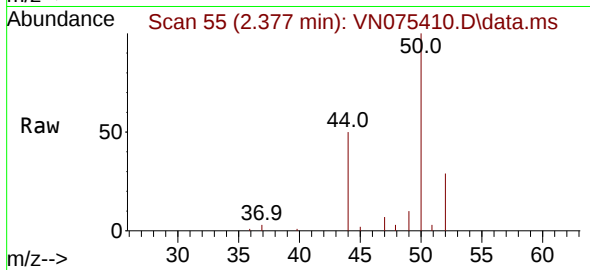
#3
Chloromethane
Concen: 18.131 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02

Tgt Ion: 50 Resp: 27358
Ion Ratio Lower Upper
50 100
52 28.7 25.8 38.6

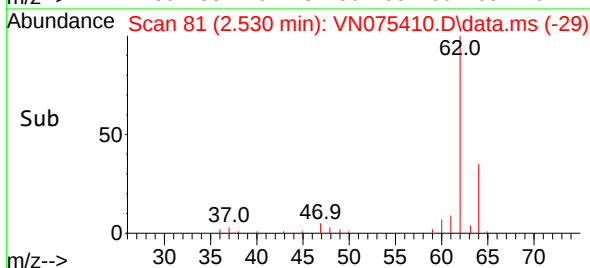
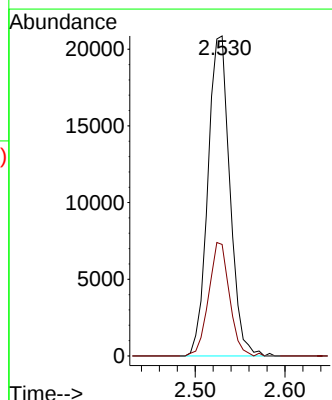
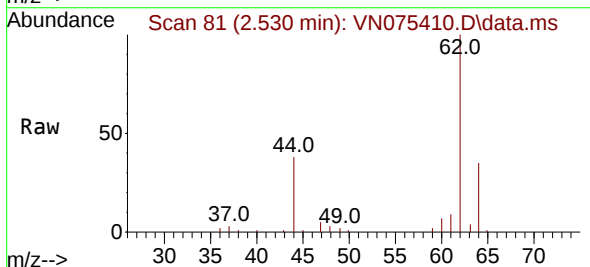
Manual Integrations
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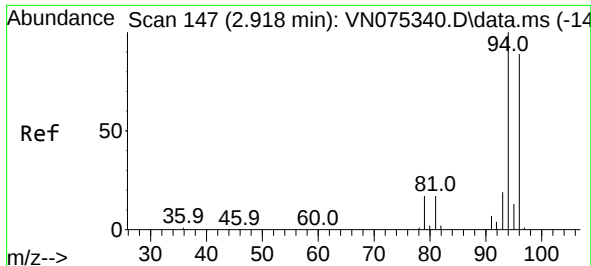
Reviewed By :John Carlone 11/25/2022
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#4
Vinyl Chloride
Concen: 18.634 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

Tgt Ion: 62 Resp: 35436
Ion Ratio Lower Upper
62 100
64 34.8 24.0 36.0





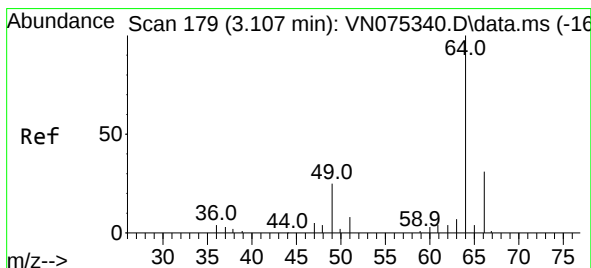
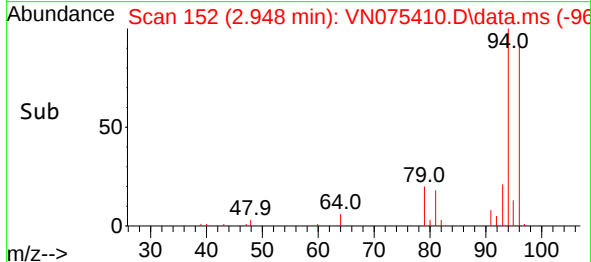
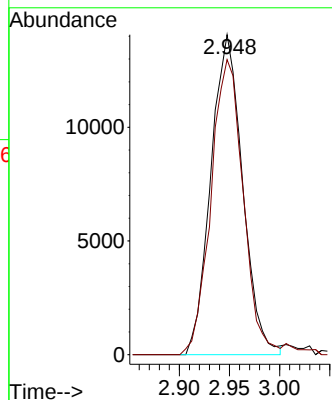
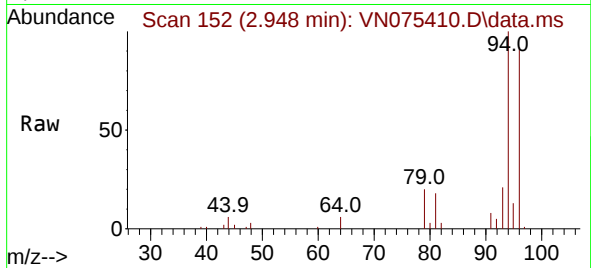
#5
Bromomethane
Concen: 18.494 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 30920
Ion Ratio Lower Upper
94 100
96 92.2 71.8 107.6

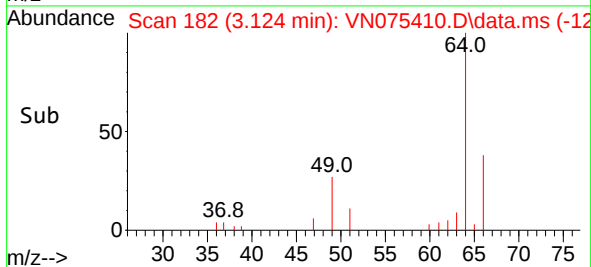
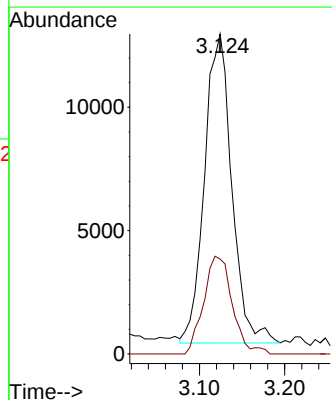
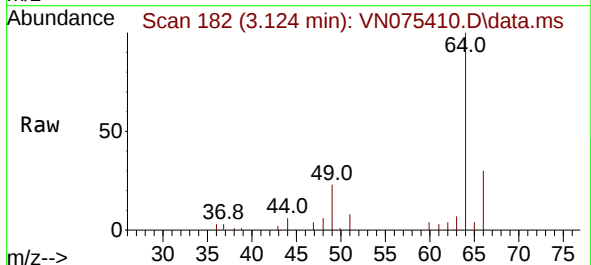
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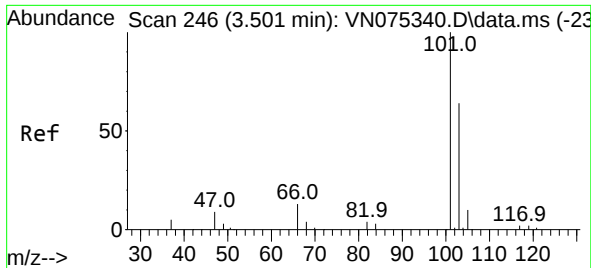
Reviewed By :John Carlone 11/25/2022
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#6
Chloroethane
Concen: 19.383 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.017 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

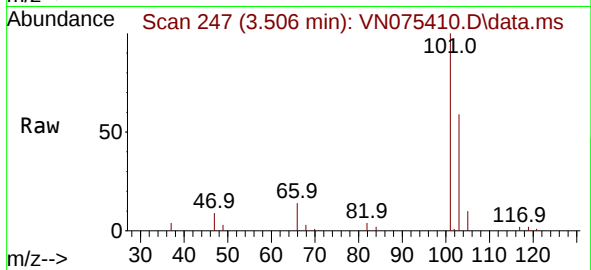
Tgt Ion: 64 Resp: 27930
Ion Ratio Lower Upper
64 100
66 30.7 23.8 35.8





#7
 Trichlorofluoromethane
 Concen: 18.575 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.005 min
 Lab File: VN075410.D
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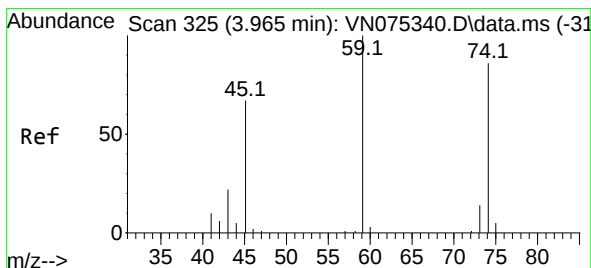
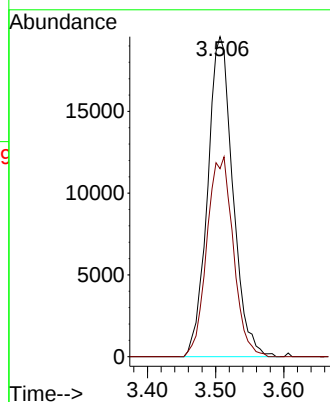
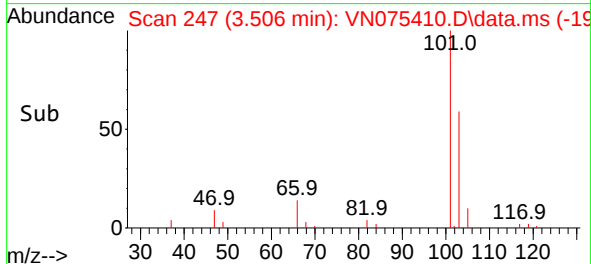
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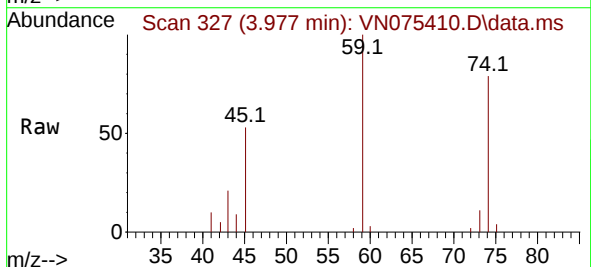
Tgt Ion:101 Resp: 5046
 Ion Ratio Lower Upper
 101 100
 103 58.8 50.5 75.7

Manual Integrations
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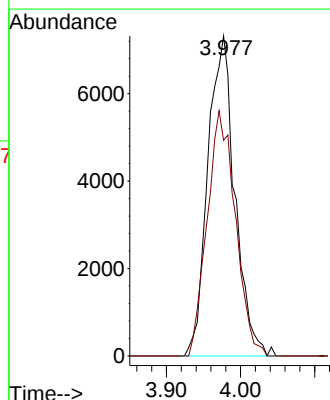
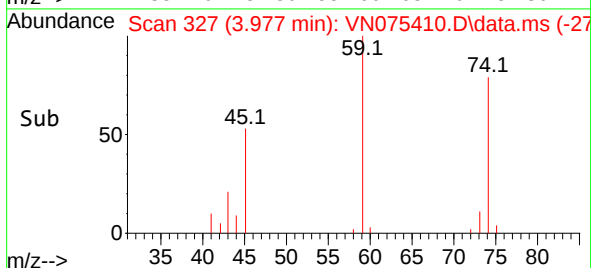
Reviewed By :John Carlone 11/25/2022
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#8
 Diethyl Ether
 Concen: 19.490 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.012 min
 Lab File: VN075410.D
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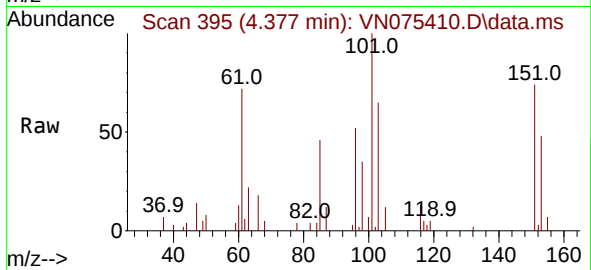
Tgt Ion: 74 Resp: 18558
 Ion Ratio Lower Upper
 74 100
 45 80.0 39.3 117.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.260 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.000 min
Lab File: VN075410.D
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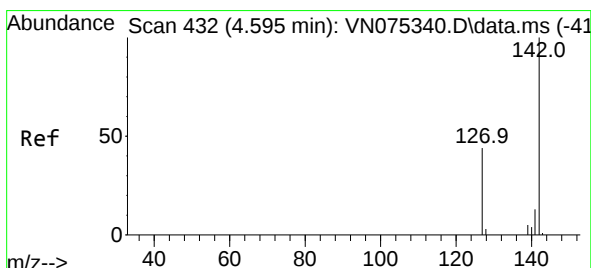
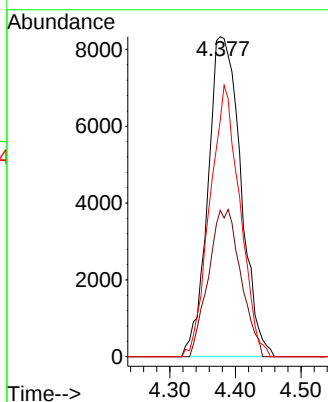
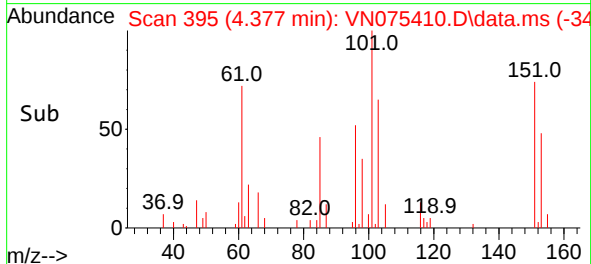
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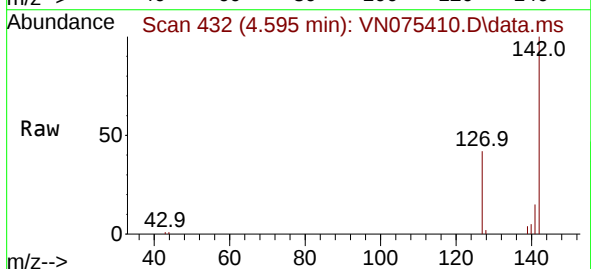
Tgt Ion:101 Resp: 2888
Ion Ratio Lower Upper
101 100
85 45.4 37.6 56.4
151 77.7 58.3 87.5

Manual Integrations
APPROVED

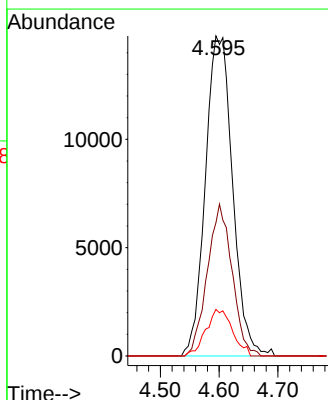
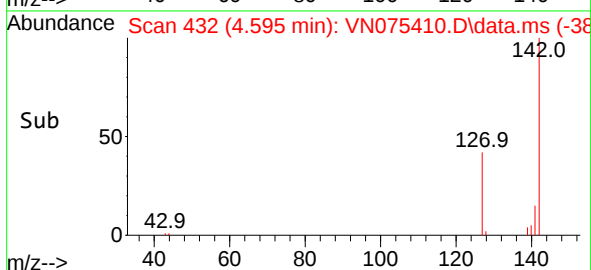
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

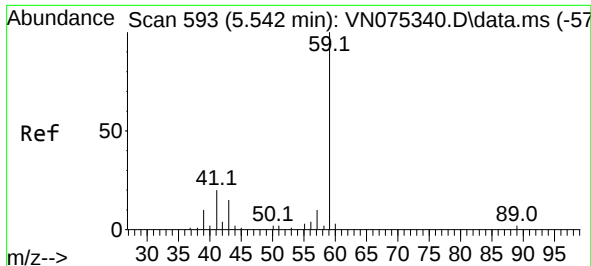


#10
Methyl Iodide
Concen: 19.569 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46



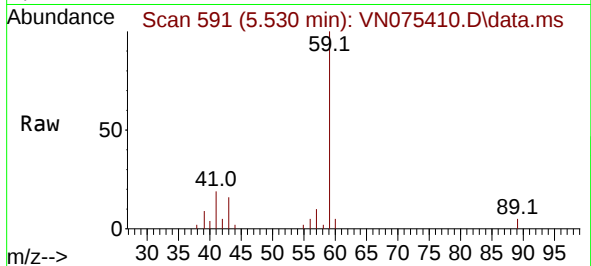
Tgt Ion:142 Resp: 47556
Ion Ratio Lower Upper
142 100
127 43.1 38.0 57.0
141 14.1 12.2 18.4





#11
Tert butyl alcohol
Concen: 94.111 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.012 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

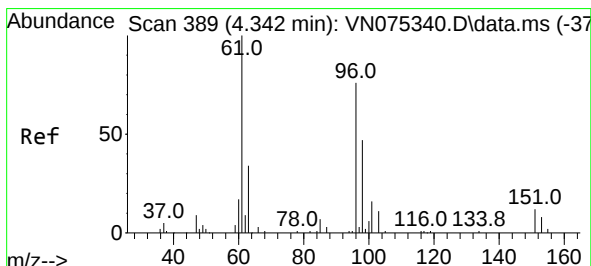
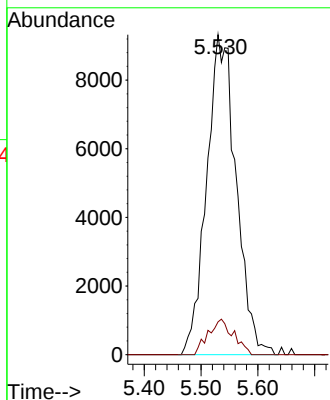
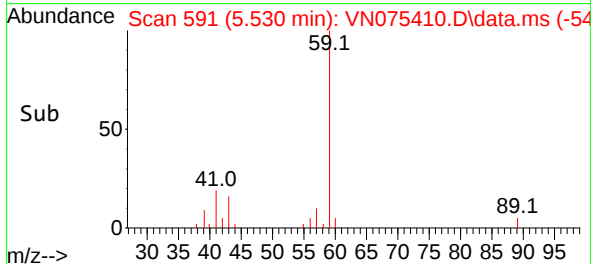
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02



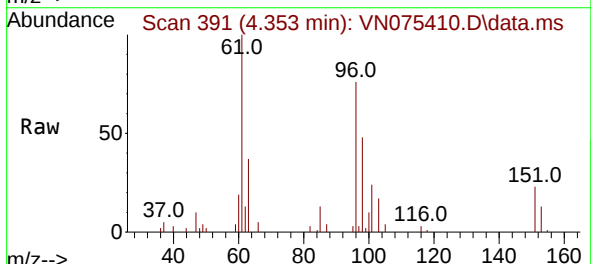
Tgt Ion: 59 Resp: 3363
Ion Ratio Lower Upper
59 100
57 9.4 8.5 12.7

Manual Integrations
APPROVED

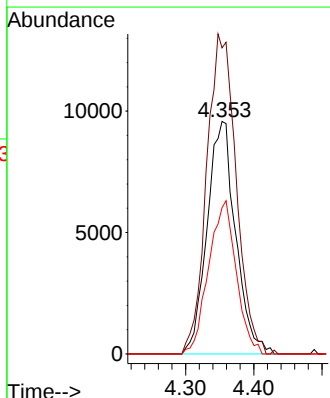
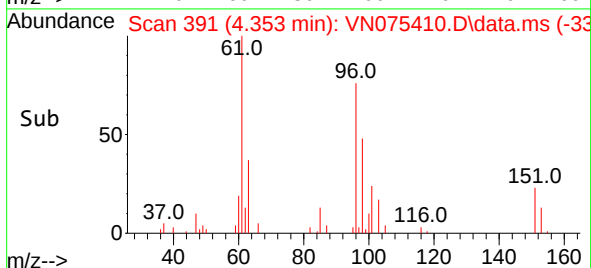
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

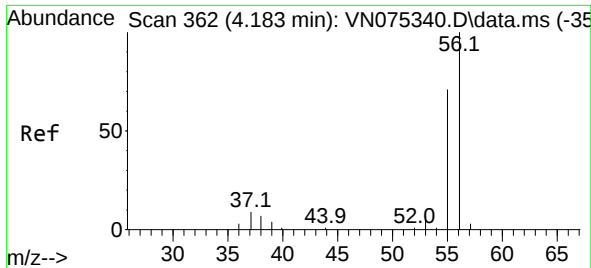


#12
1,1-Dichloroethene
Concen: 19.012 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.011 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46



Tgt Ion: 96 Resp: 27921
Ion Ratio Lower Upper
96 100
61 131.7 126.2 189.4
98 63.0 51.5 77.3





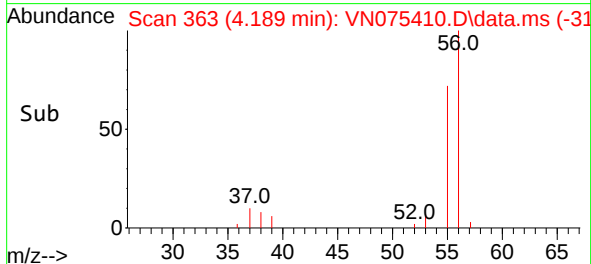
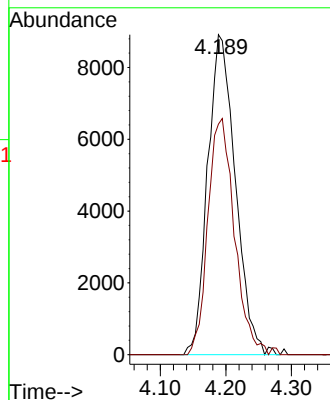
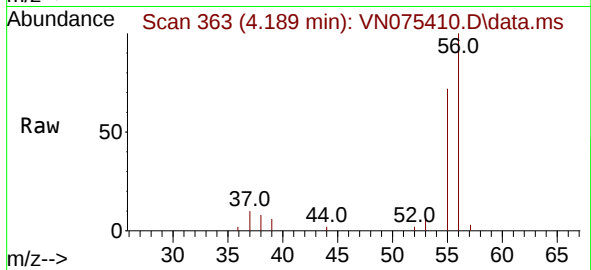
#13
Acrolein
Concen: 84.118 ug/l
RT: 4.189 min Scan# 362
Delta R.T. 0.006 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02

Tgt Ion: 56 Resp: 2618
Ion Ratio Lower Upper
56 100
55 70.5 55.2 82.8

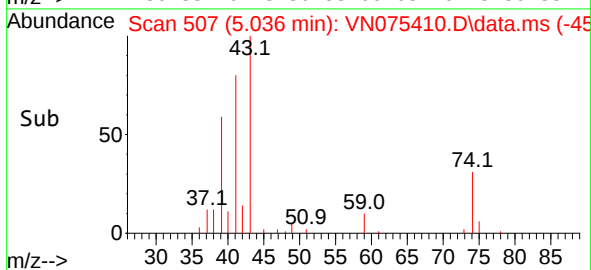
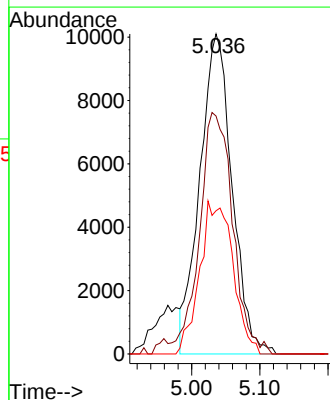
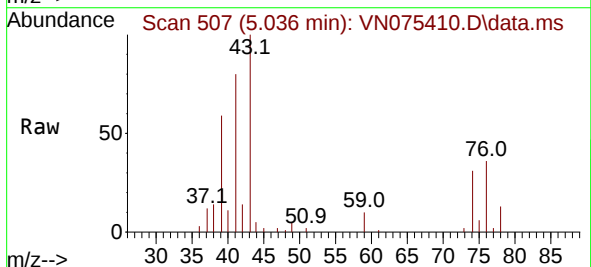
Manual Integrations
APPROVED

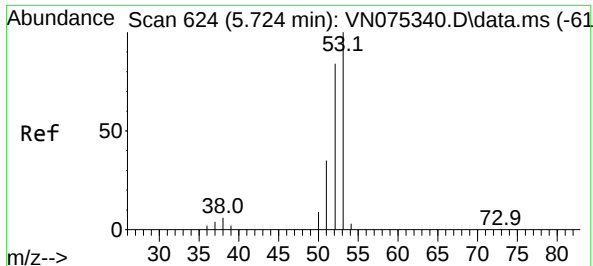
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#14
Allyl chloride
Concen: 17.500 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

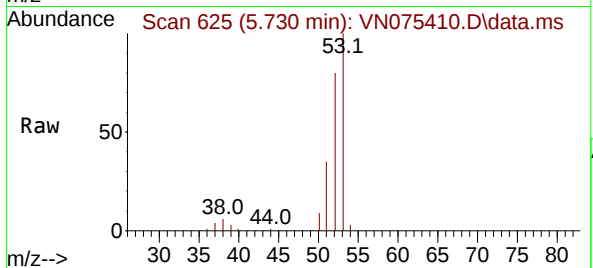
Tgt Ion: 41 Resp: 33244
Ion Ratio Lower Upper
41 100
39 77.4 61.0 91.4
76 49.0 33.4 50.0





#15
Acrylonitrile
Concen: 94.163 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

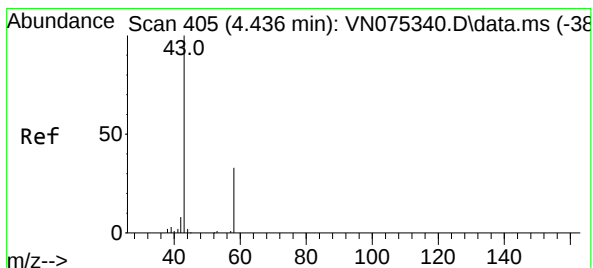
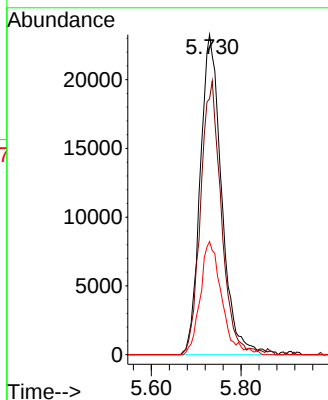
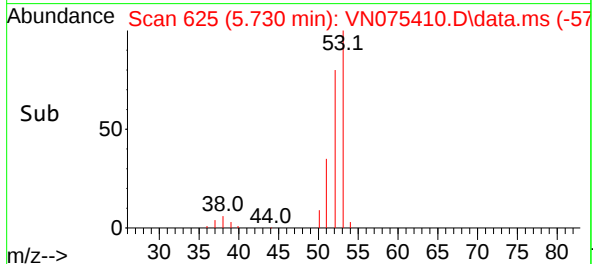
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02



Tgt Ion: 53 Resp: 7720
Ion Ratio Lower Upper
53 100
52 82.8 66.4 99.6
51 35.4 29.6 44.4

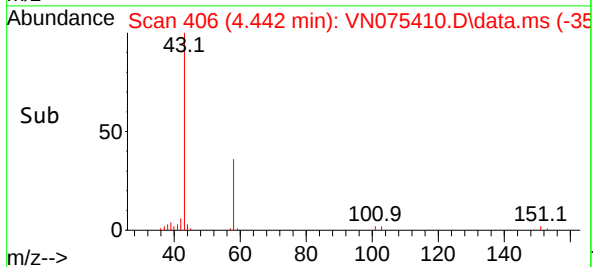
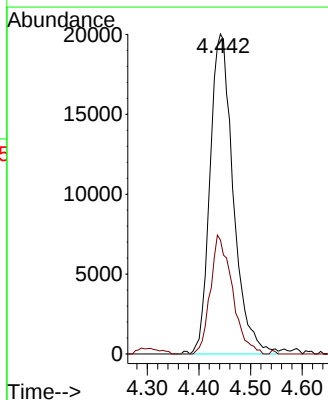
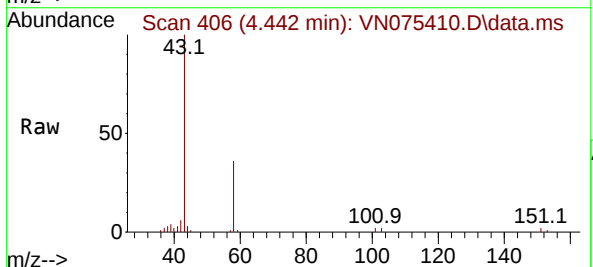
Manual Integrations
APPROVED

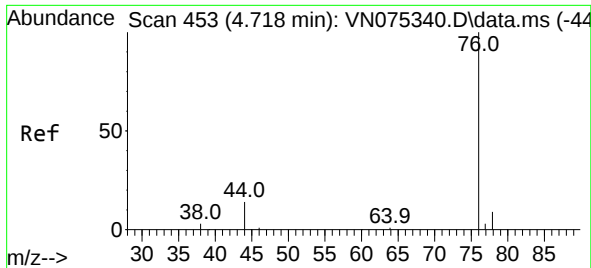
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#16
Acetone
Concen: 78.961 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

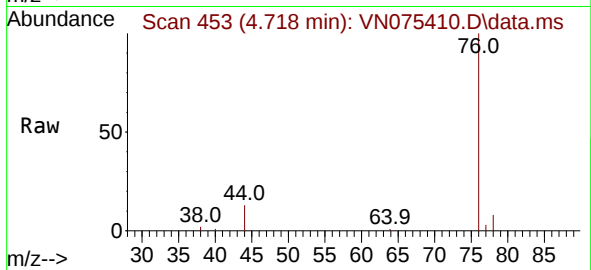
Tgt Ion: 43 Resp: 62697
Ion Ratio Lower Upper
43 100
58 35.6 25.5 38.3





#17
Carbon Disulfide
Concen: 16.910 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

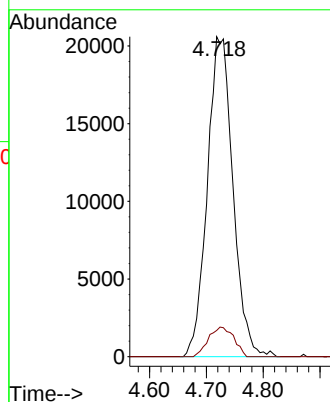
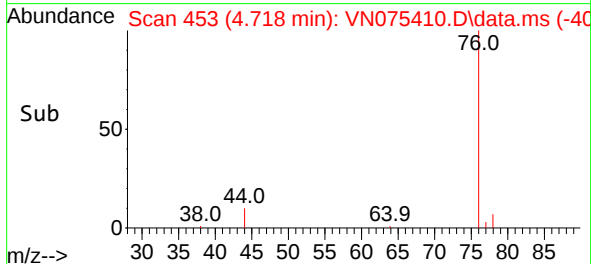
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02



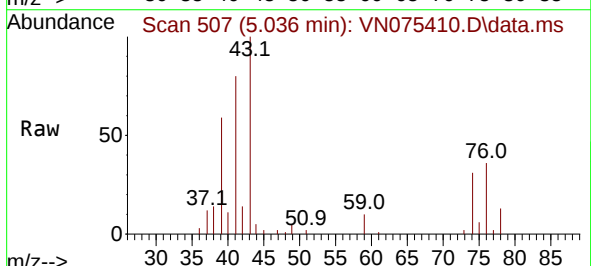
Tgt Ion: 76 Resp: 64539
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.2

Manual Integrations
APPROVED

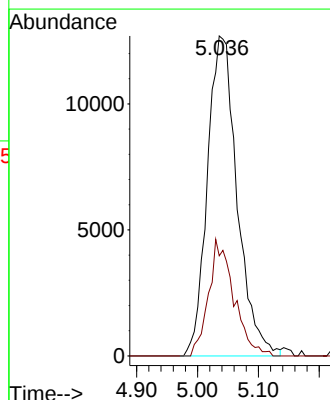
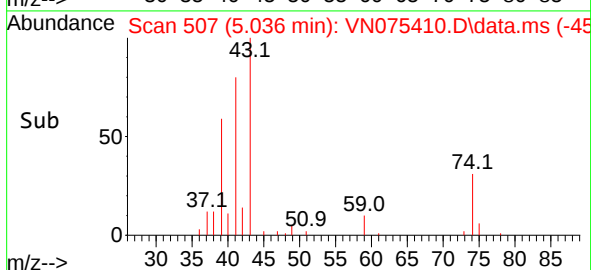
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

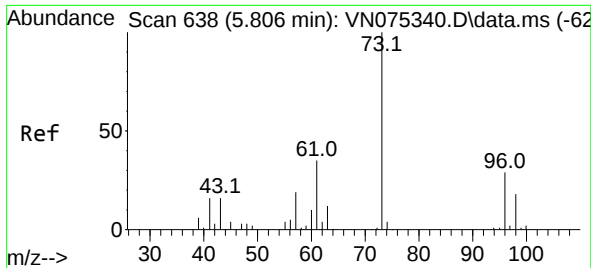


#18
Methyl Acetate
Concen: 20.780 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46



Tgt Ion: 43 Resp: 43112
Ion Ratio Lower Upper
43 100
74 31.0 22.0 33.0





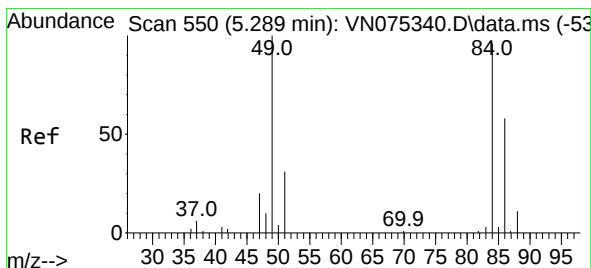
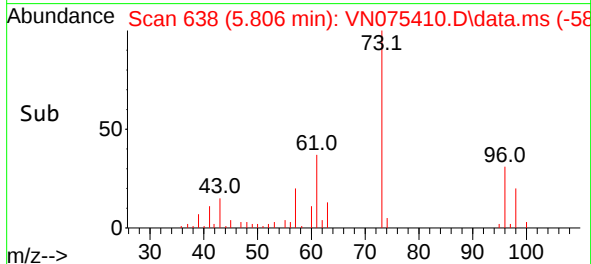
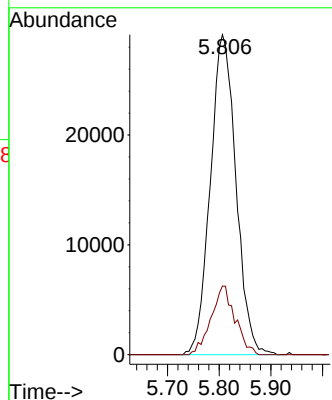
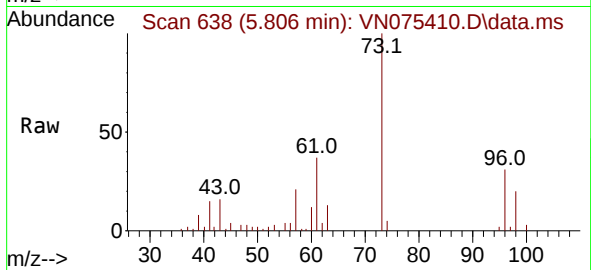
#19
Methyl tert-butyl Ether
Concen: 19.306 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02

Tgt Ion: 73 Resp: 100440
Ion Ratio Lower Upper
73 100
57 21.4 16.3 24.5

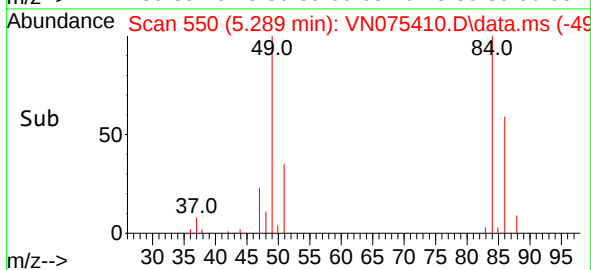
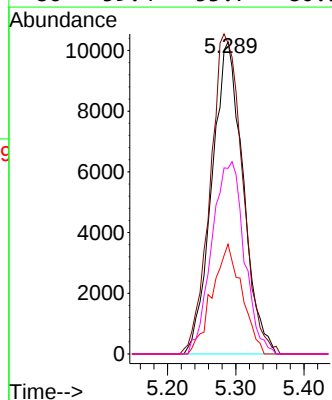
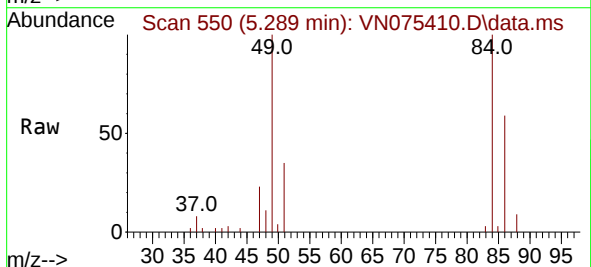
Manual Integrations
APPROVED

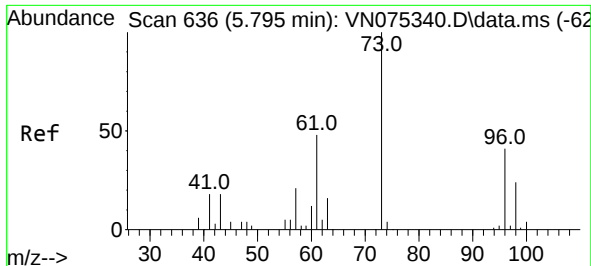
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#20
Methylene Chloride
Concen: 19.478 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

Tgt Ion: 84 Resp: 32620
Ion Ratio Lower Upper
84 100
49 99.6 94.9 142.3
51 35.1 26.8 40.2
86 59.4 53.7 80.5





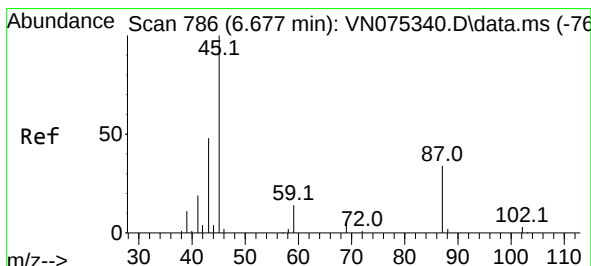
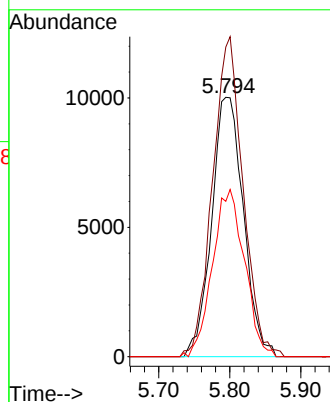
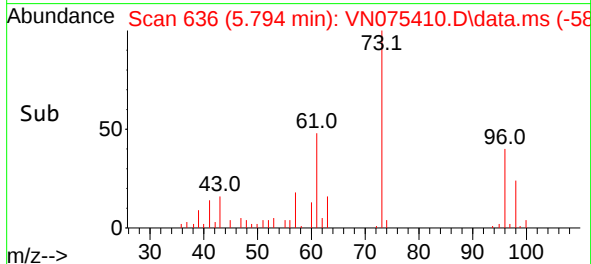
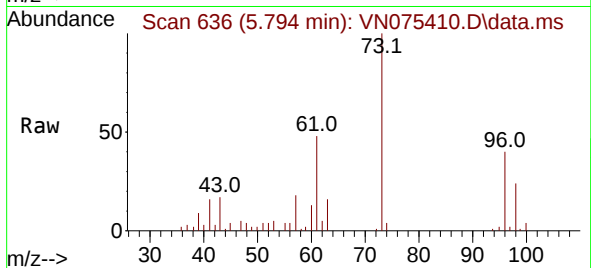
#21
trans-1,2-Dichloroethene
Concen: 18.595 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.001 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02

Tgt Ion: 96 Resp: 3112
Ion Ratio Lower Upper
96 100
61 119.4 99.9 149.9
98 59.9 51.5 77.3

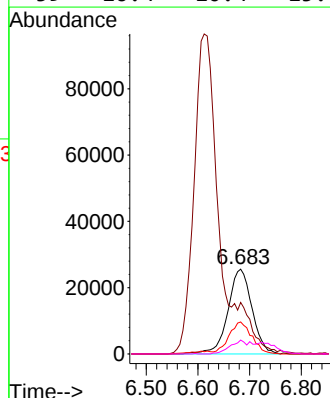
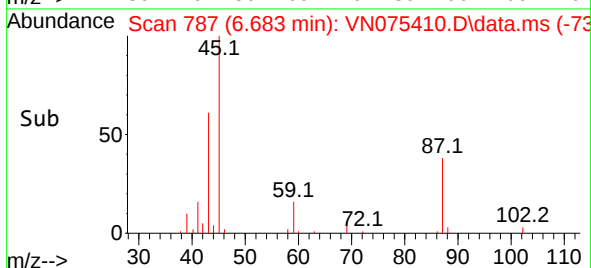
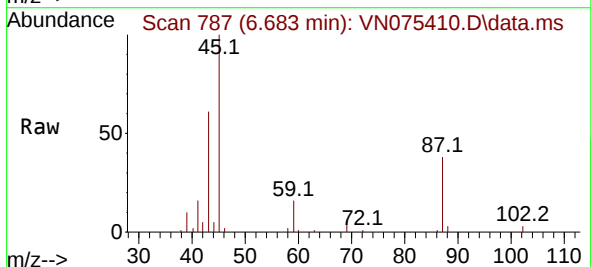
Manual Integrations
APPROVED

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



#22
Diisopropyl ether
Concen: 19.065 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

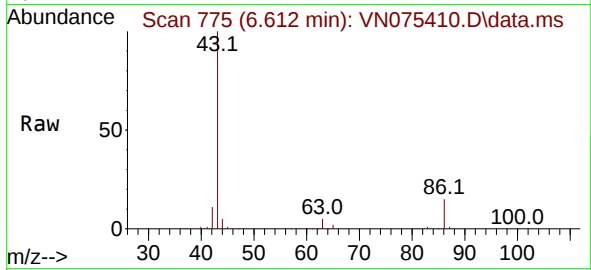
Tgt Ion: 45 Resp: 82646
Ion Ratio Lower Upper
45 100
43 56.5 42.8 64.2
87 37.8 28.4 42.6
59 16.4 10.4 15.6#





#23
 Vinyl Acetate
 Concen: 95.750 ug/l m
 RT: 6.612 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN075410.D
 Acq: 23 Nov 2022 20:46

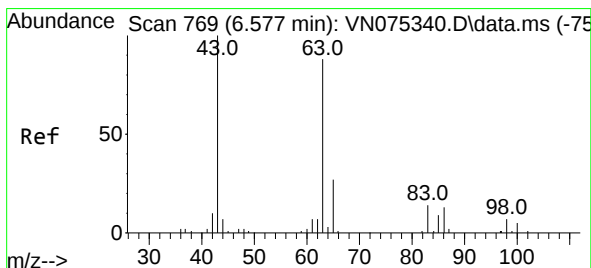
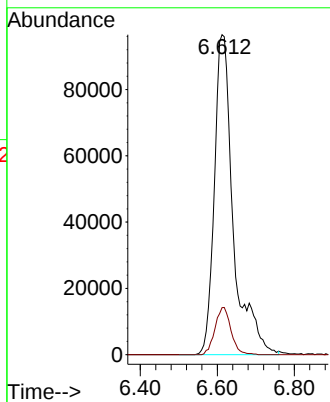
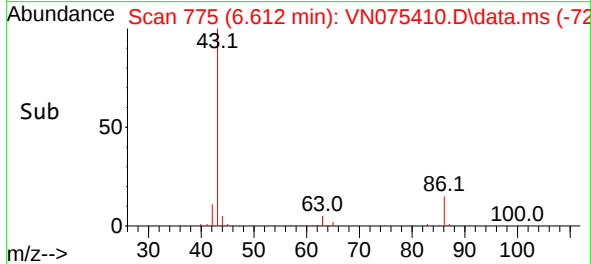
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBSD02



Tgt Ion: 43 Resp: 33021
 Ion Ratio Lower Upper
 43 100
 86 14.7 10.7 16.1

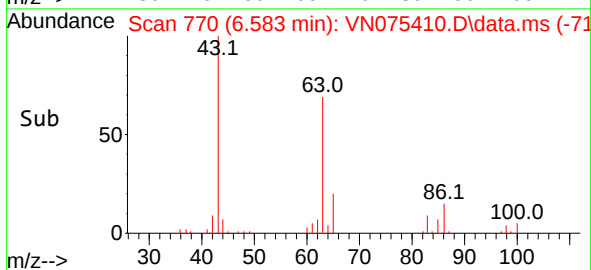
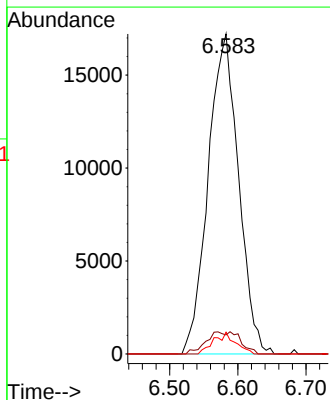
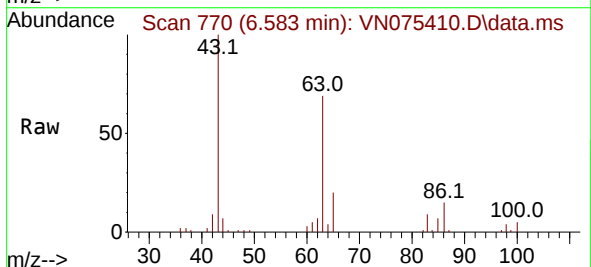
Manual Integrations
 APPROVED

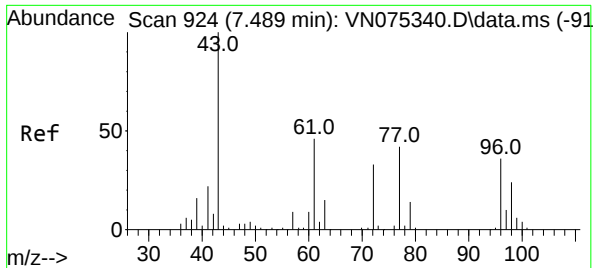
Reviewed By :John Carlone 11/25/2022
 Supervised By :Mahesh Dadoda 11/28/2022



#24
 1,1-Dichloroethane
 Concen: 19.171 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075410.D
 Acq: 23 Nov 2022 20:46

Tgt Ion: 63 Resp: 53344
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.6 10.8
 100 6.8 2.4 7.2





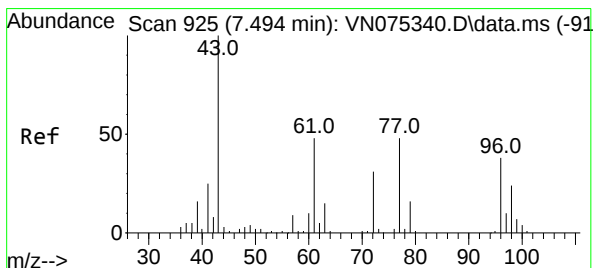
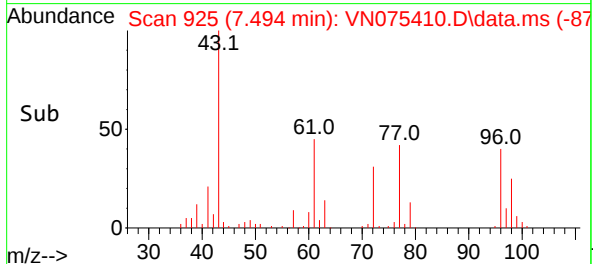
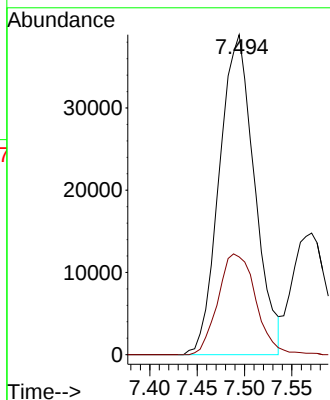
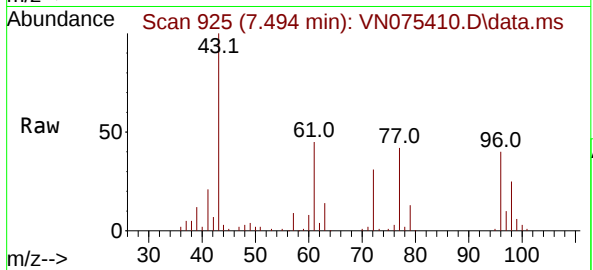
#25
2-Butanone
Concen: 90.747 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.005 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02

Tgt Ion: 43 Resp: 100598
Ion Ratio Lower Upper
43 100
72 30.6 25.5 38.3

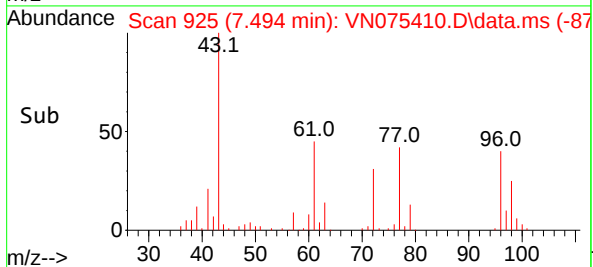
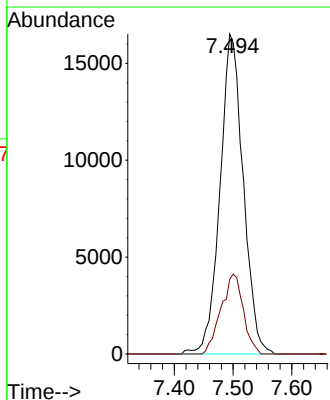
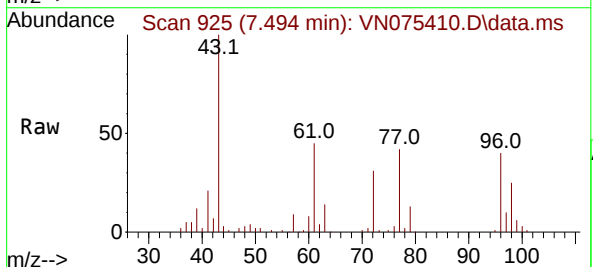
Manual Integrations
APPROVED

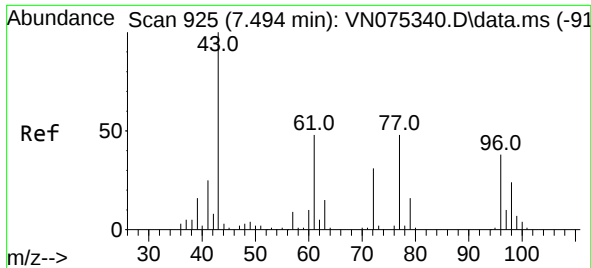
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#26
2,2-Dichloropropane
Concen: 17.518 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

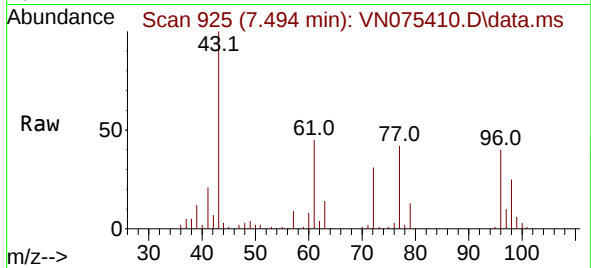
Tgt Ion: 77 Resp: 45302
Ion Ratio Lower Upper
77 100
97 23.9 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 20.456 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

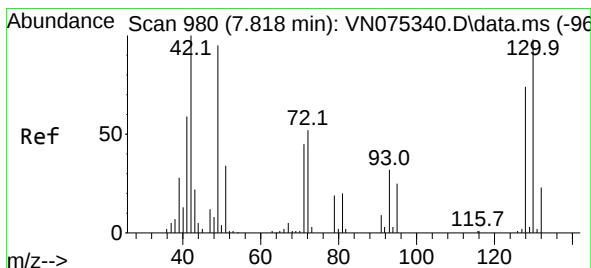
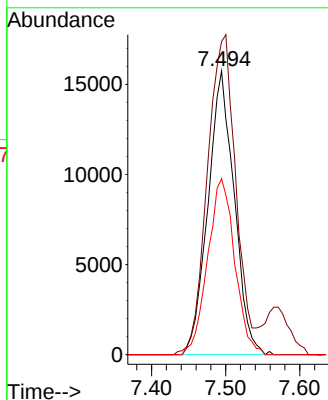
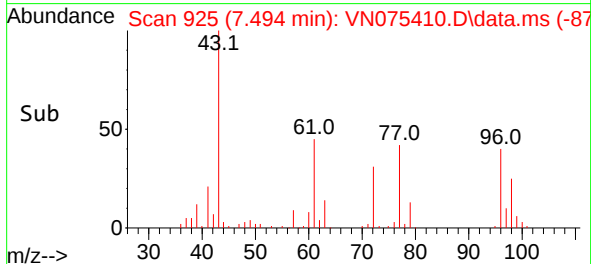
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02



Tgt Ion: 96 Resp: 38714
Ion Ratio Lower Upper
96 100
61 122.3 0.0 278.8
98 63.9 0.0 128.4

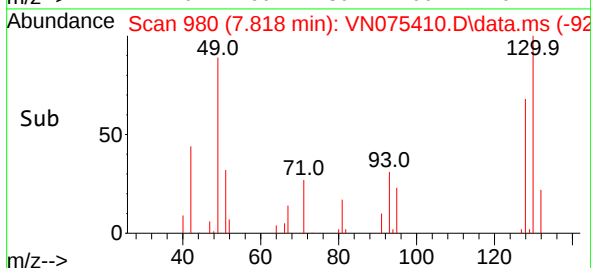
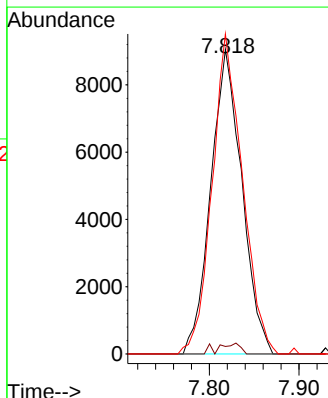
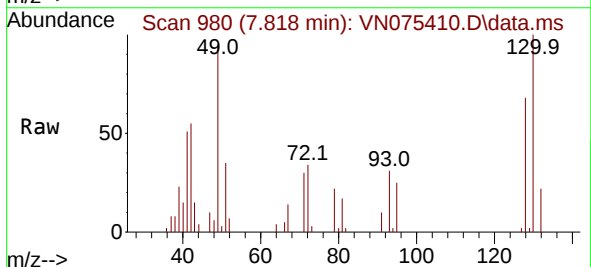
Manual Integrations
APPROVED

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



#28
Bromochloromethane
Concen: 19.274 ug/l
RT: 7.818 min Scan# 980
Delta R.T. -0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

Tgt Ion: 49 Resp: 21769
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.6
130 102.6 66.2 99.4#





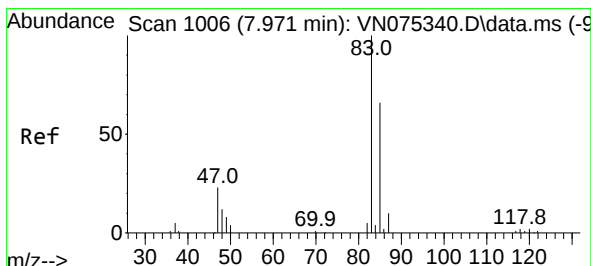
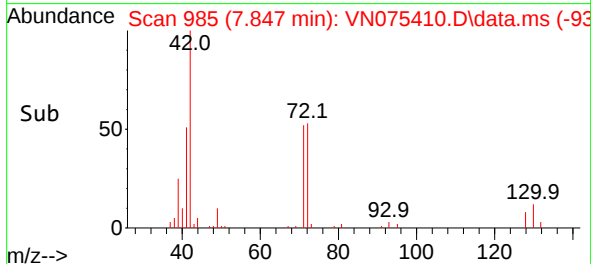
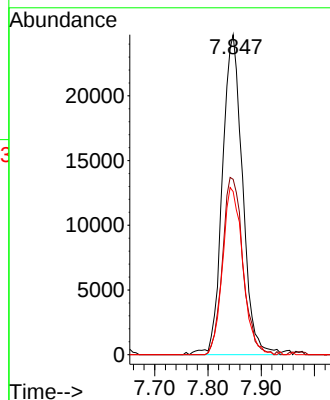
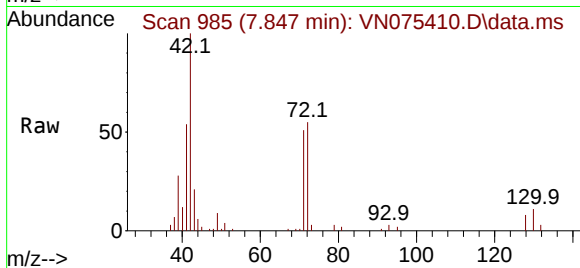
#29
Tetrahydrofuran
Concen: 96.244 ug/l
RT: 7.847 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02

Tgt Ion: 42 Resp: 6489
Ion Ratio Lower Upper
42 100
72 56.2 43.0 64.6
71 52.6 39.9 59.9

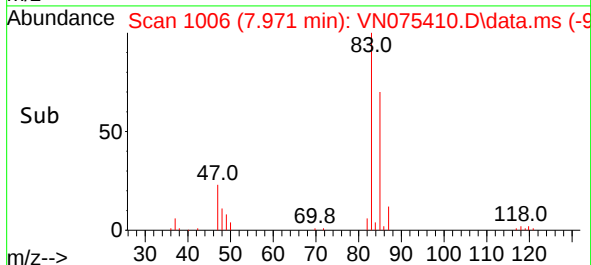
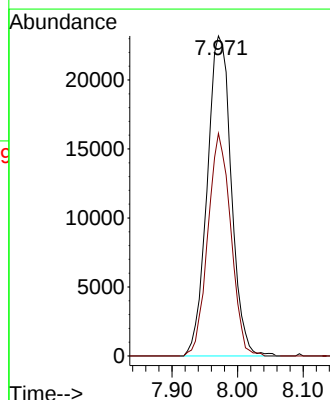
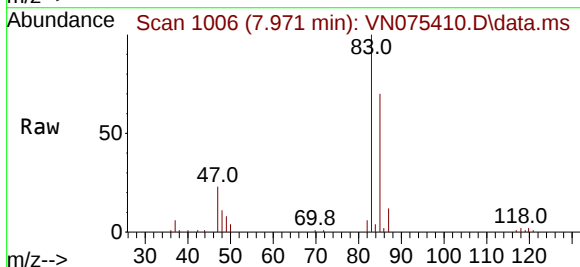
Manual Integrations
APPROVED

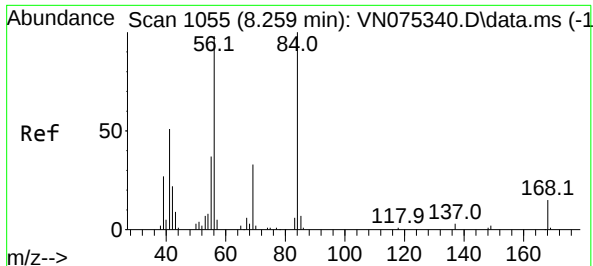
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#30
Chloroform
Concen: 18.538 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

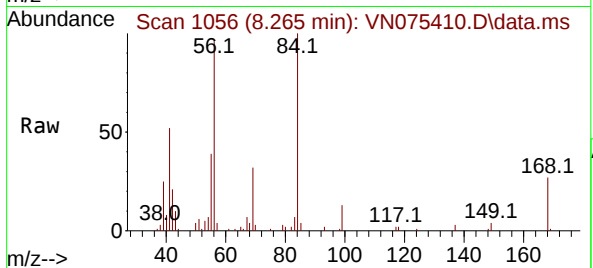
Tgt Ion: 83 Resp: 59236
Ion Ratio Lower Upper
83 100
85 69.6 51.4 77.0





#31
Cyclohexane
Concen: 18.196 ug/l
RT: 8.265 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

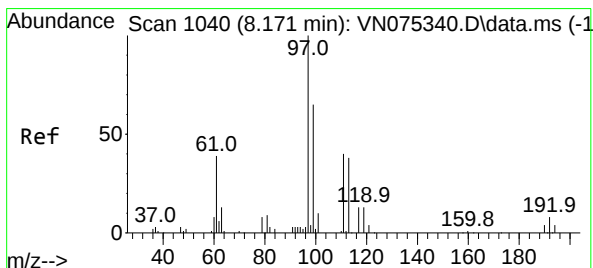
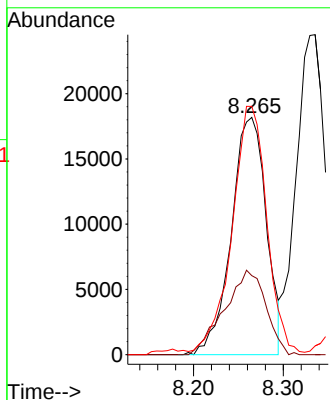
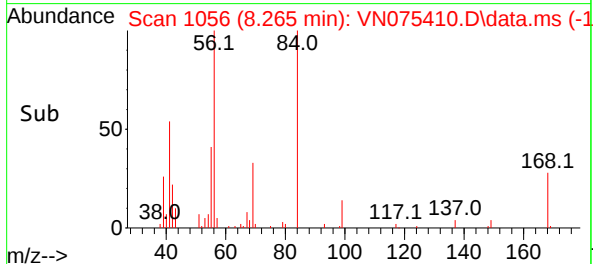
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02



Tgt Ion: 56 Resp: 4921
Ion Ratio Lower Upper
56 100
69 33.3 25.2 37.8
84 103.2 77.8 116.8

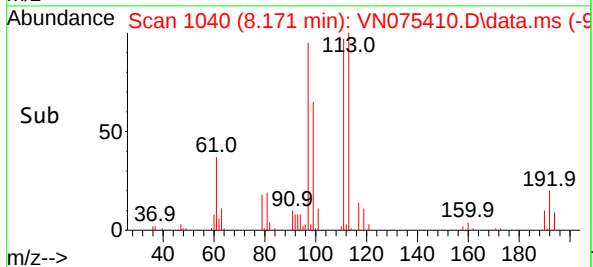
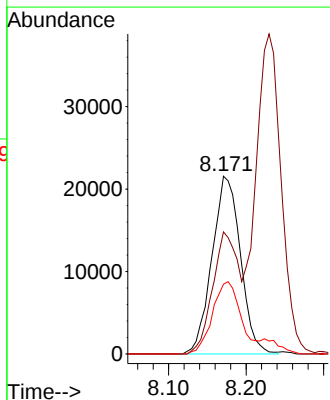
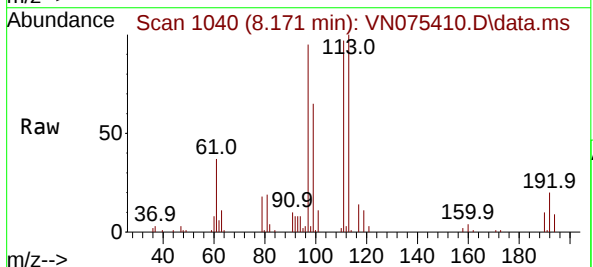
Manual Integrations
APPROVED

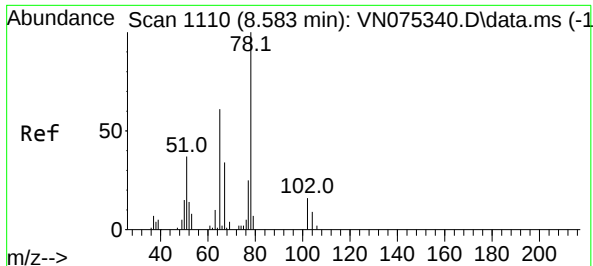
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#32
1,1,1-Trichloroethane
Concen: 18.999 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

Tgt Ion: 97 Resp: 55122
Ion Ratio Lower Upper
97 100
99 61.9 50.2 75.2
61 41.0 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 50.814 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075410.D

Acq: 23 Nov 2022 20:46

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBSD02

Tgt Ion: 65 Resp: 43250

Ion Ratio Lower Upper

65 100

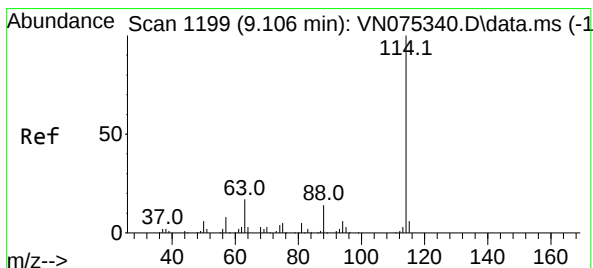
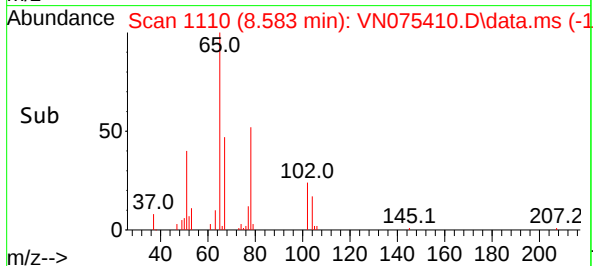
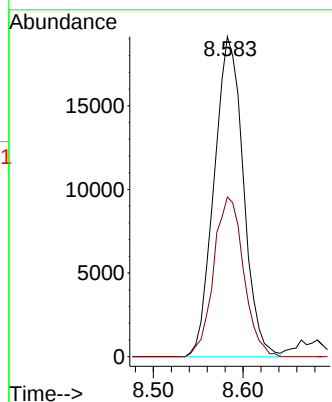
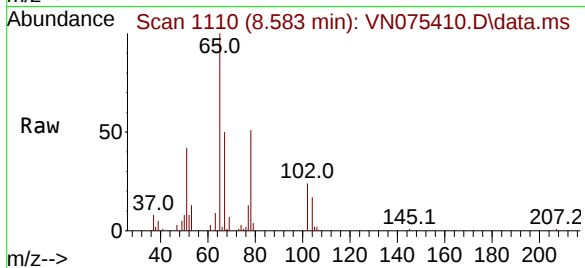
67 51.2 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075410.D

Acq: 23 Nov 2022 20:46

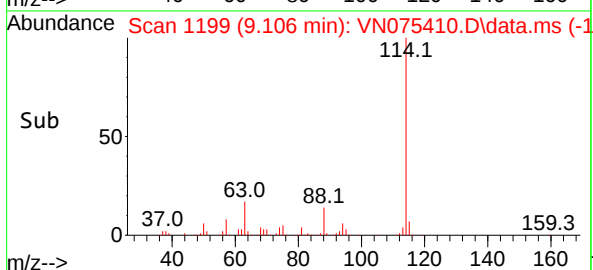
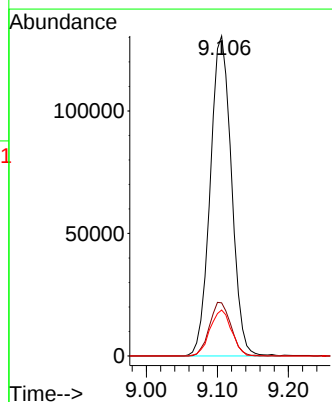
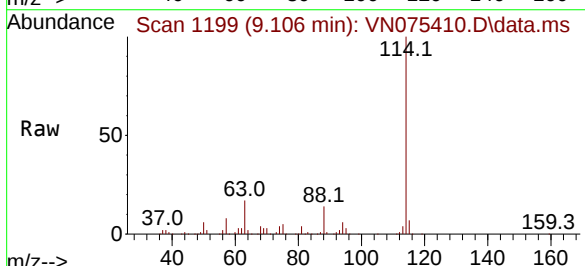
Tgt Ion:114 Resp: 270545

Ion Ratio Lower Upper

114 100

63 16.6 0.0 39.6

88 14.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.692 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075410.D

Acq: 23 Nov 2022 20:46

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBSD02

Tgt Ion: 113 Resp: 5387

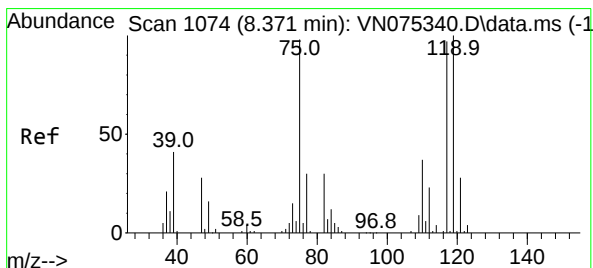
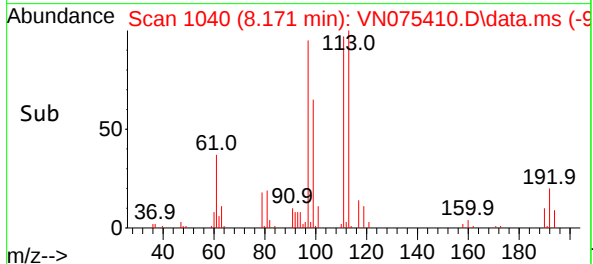
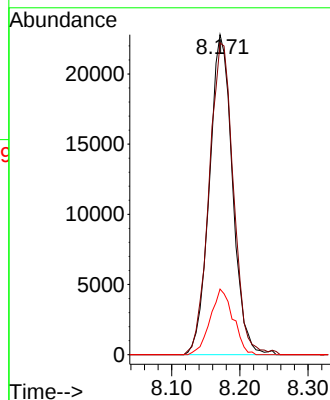
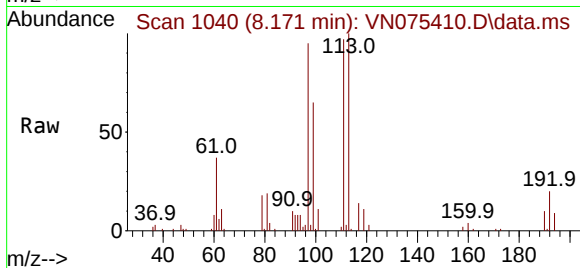
Ion	Ratio	Lower	Upper
113	100		
111	102.0	80.5	120.7
192	20.3	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#36

1,1-Dichloropropene

Concen: 18.499 ug/l

RT: 8.377 min Scan# 1075

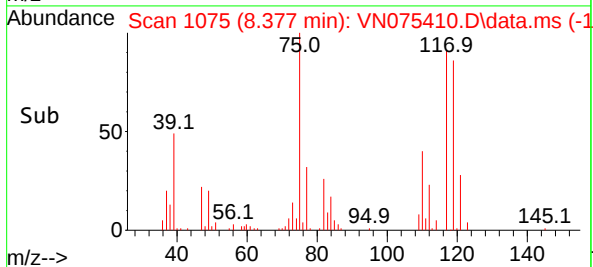
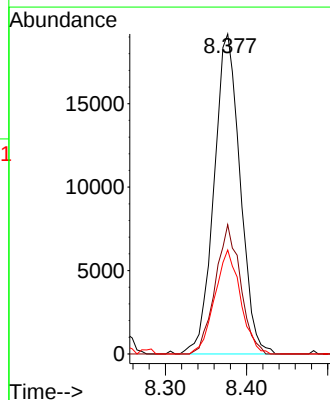
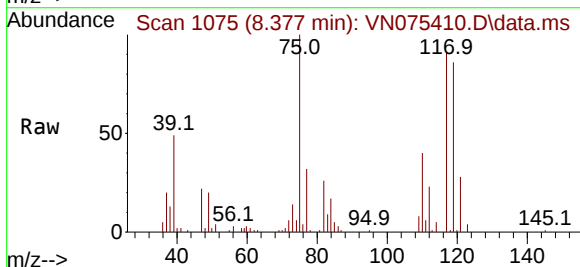
Delta R.T. 0.006 min

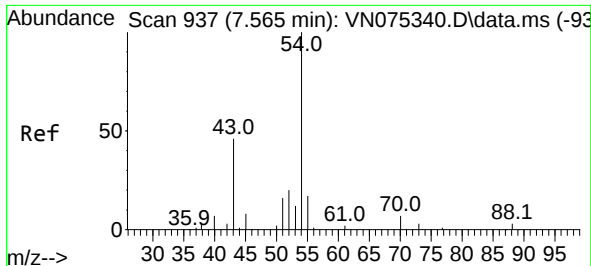
Lab File: VN075410.D

Acq: 23 Nov 2022 20:46

Tgt Ion: 75 Resp: 42876

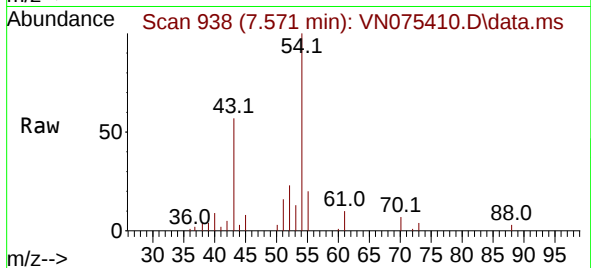
Ion	Ratio	Lower	Upper
75	100		
110	38.8	17.8	53.3
77	32.1	24.6	37.0





#37
Ethyl Acetate
Concen: 19.248 ug/l
RT: 7.571 min Scan# 913
Delta R.T. 0.006 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

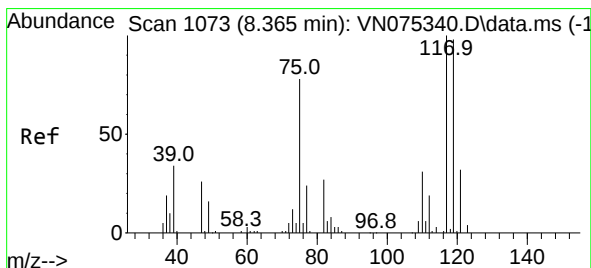
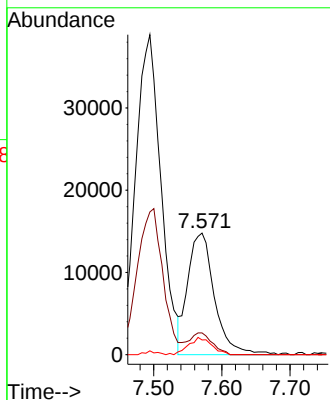
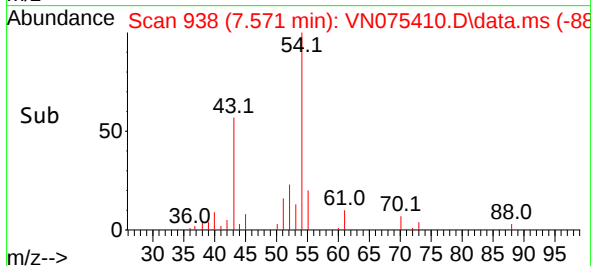
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02



Tgt Ion: 43 Resp: 40168
Ion Ratio Lower Upper
43 100
61 15.6 12.2 18.4
70 12.2 9.4 14.2

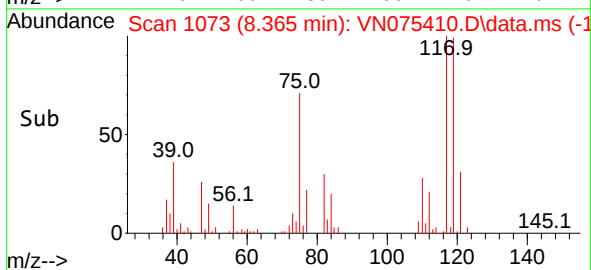
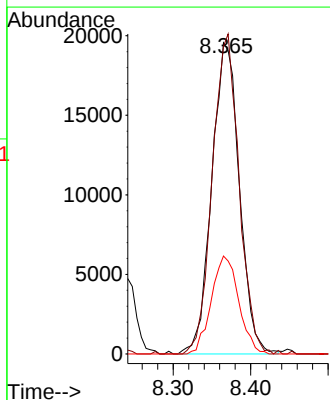
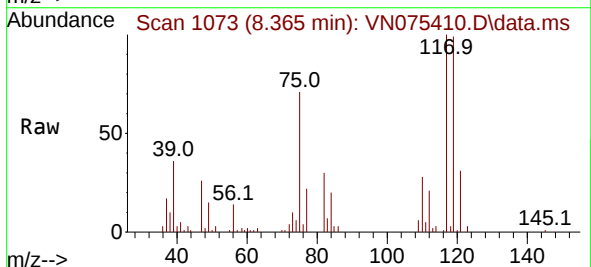
Manual Integrations
APPROVED

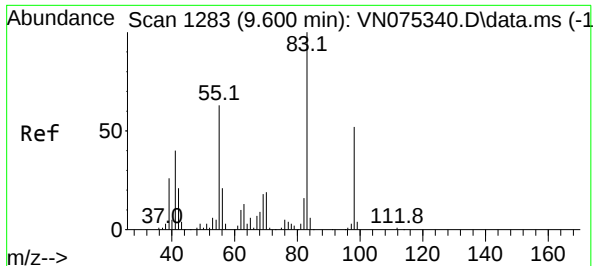
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#38
Carbon Tetrachloride
Concen: 19.032 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

Tgt Ion:117 Resp: 48457
Ion Ratio Lower Upper
117 100
119 98.8 76.7 115.1
121 31.4 23.9 35.9





#39

Methylcyclohexane

Concen: 19.351 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075410.D

Acq: 23 Nov 2022 20:46

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBSD02

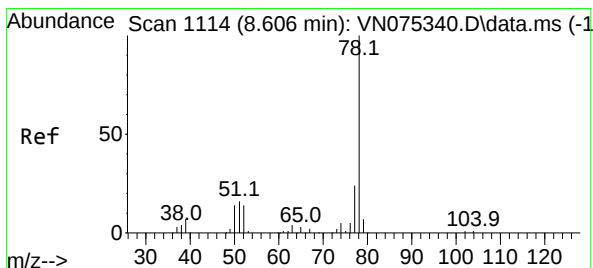
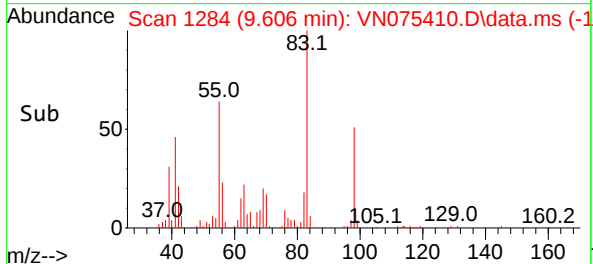
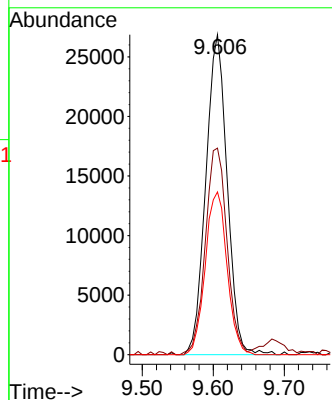
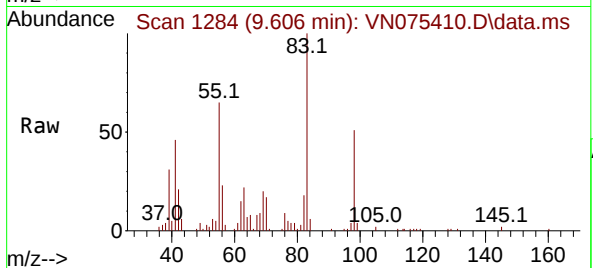
Tgt Ion:	83	Resp:	5613
Ion Ratio	Lower	Upper	
83	100		
55	64.5	53.6	80.4
98	50.8	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#40

Benzene

Concen: 18.751 ug/l

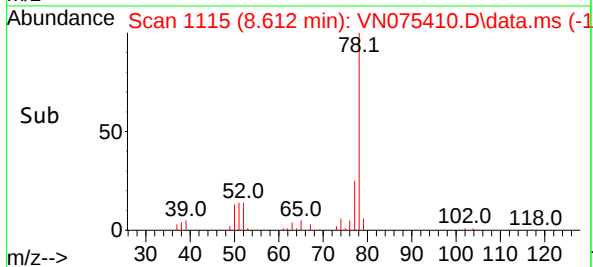
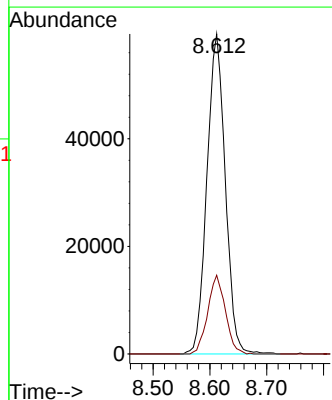
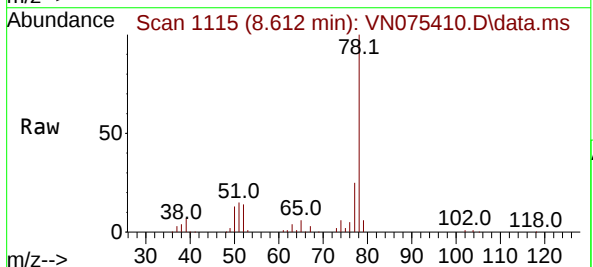
RT: 8.612 min Scan# 1115

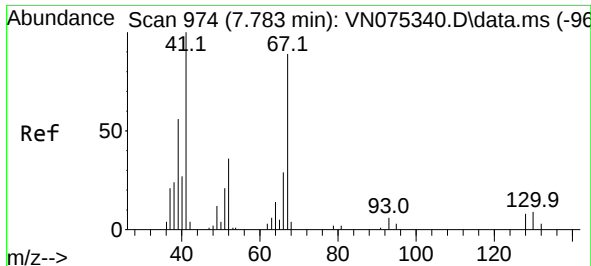
Delta R.T. 0.006 min

Lab File: VN075410.D

Acq: 23 Nov 2022 20:46

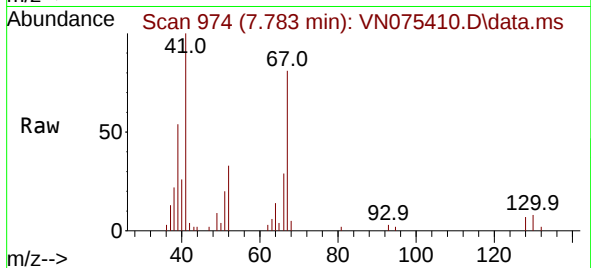
Tgt Ion:	78	Resp:	133057
Ion Ratio	Lower	Upper	
78	100		
77	24.6	19.4	29.0





#41
Methacrylonitrile
Concen: 19.510 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

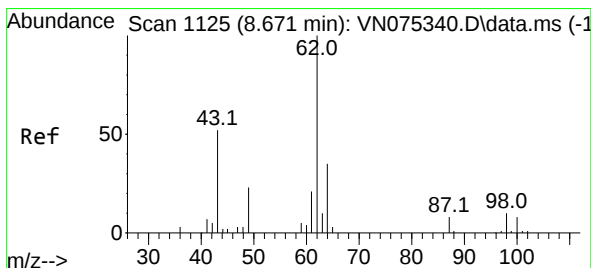
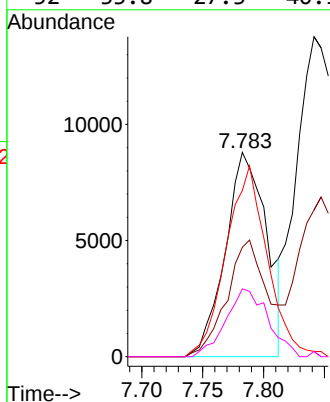
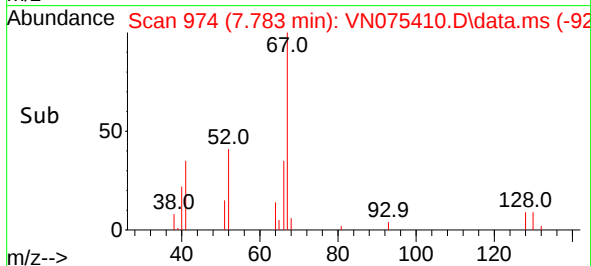
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02



Tgt Ion:	41	Resp:	20810
Ion Ratio	100	Lower	Upper
41	100		
39	58.3	44.4	66.6
67	92.9	69.8	104.6
52	33.8	27.3	40.9

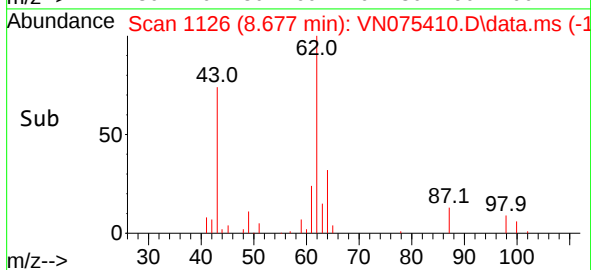
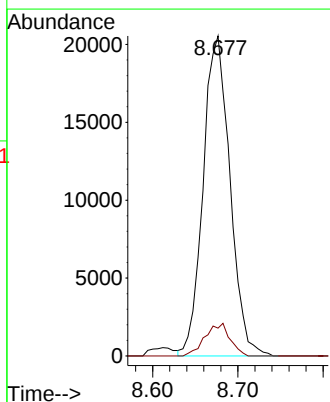
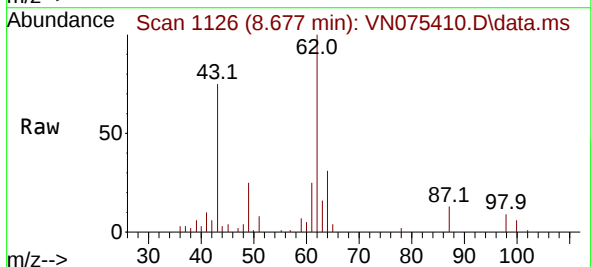
Manual Integrations
APPROVED

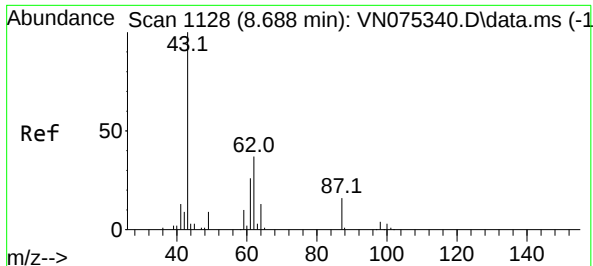
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#42
1,2-Dichloroethane
Concen: 18.931 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

Tgt Ion:	62	Resp:	44992
Ion Ratio	100	Lower	Upper
62	100		
98	9.4	0.0	18.2





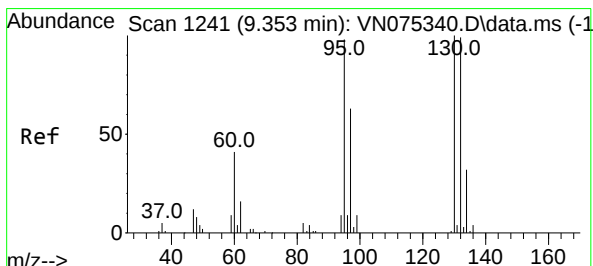
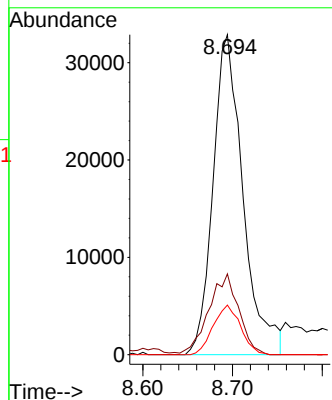
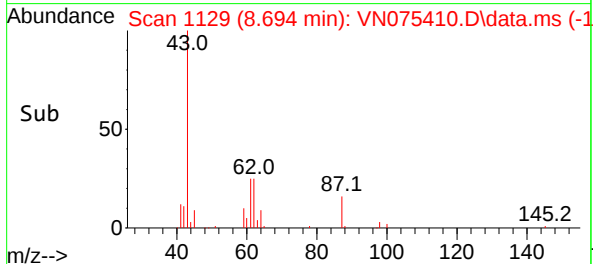
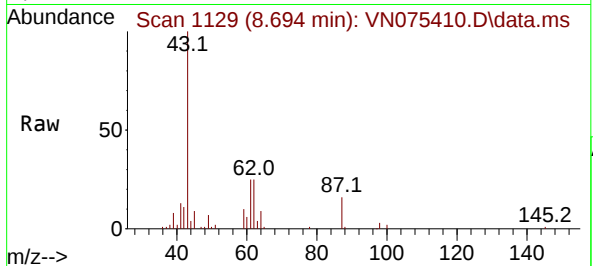
#43
Isopropyl Acetate
Concen: 22.772 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02

Tgt Ion: 43 Resp: 76280
Ion Ratio Lower Upper
43 100
61 25.5 22.4 33.6
87 14.2 12.5 18.7

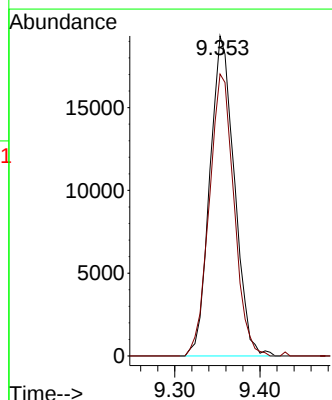
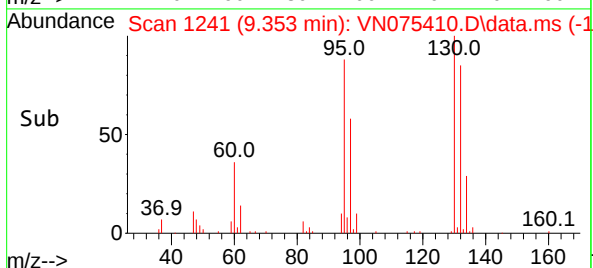
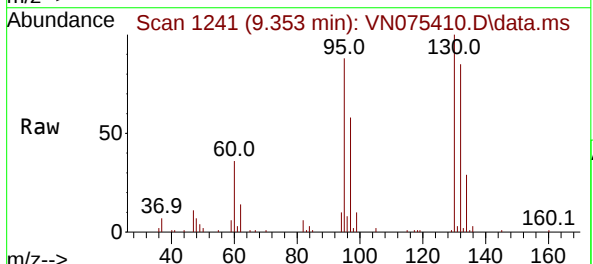
Manual Integrations
APPROVED

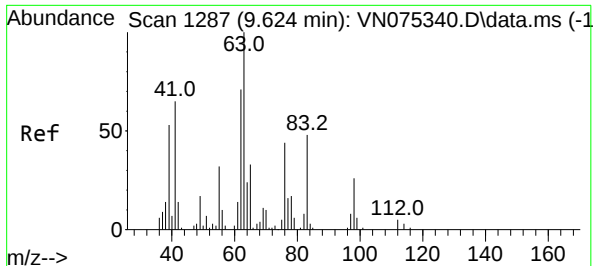
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#44
Trichloroethene
Concen: 19.927 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

Tgt Ion:130 Resp: 38692
Ion Ratio Lower Upper
130 100
95 88.1 0.0 198.4





#45

1,2-Dichloropropane

Concen: 18.701 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075410.D

Acq: 23 Nov 2022 20:46

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBSD02

Tgt Ion: 63 Resp: 3162

Ion Ratio Lower Upper

63 100

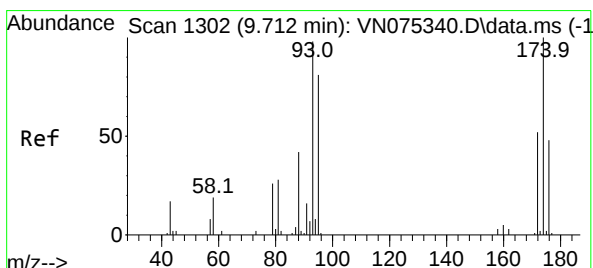
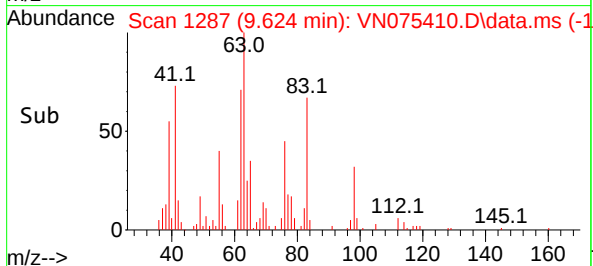
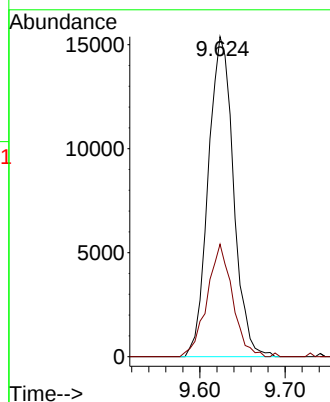
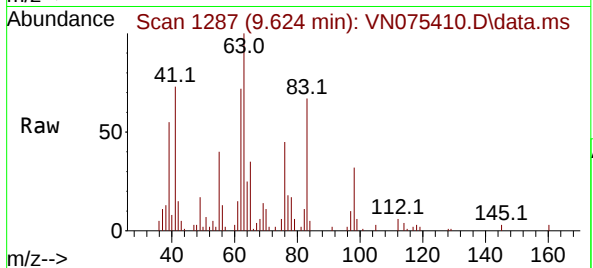
65 35.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#46

Dibromomethane

Concen: 18.947 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075410.D

Acq: 23 Nov 2022 20:46

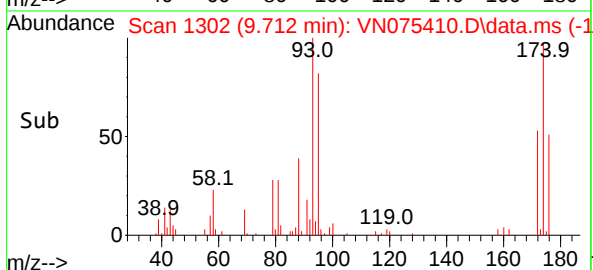
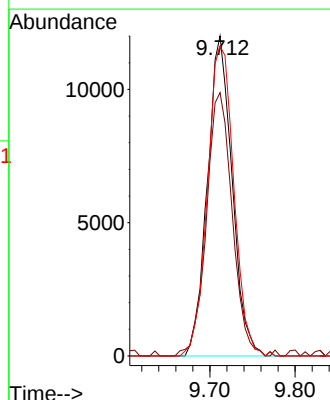
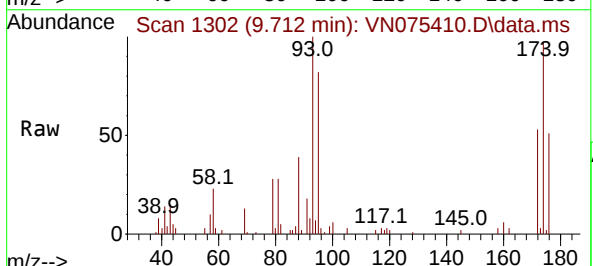
Tgt Ion: 93 Resp: 24235

Ion Ratio Lower Upper

93 100

95 85.4 66.6 99.8

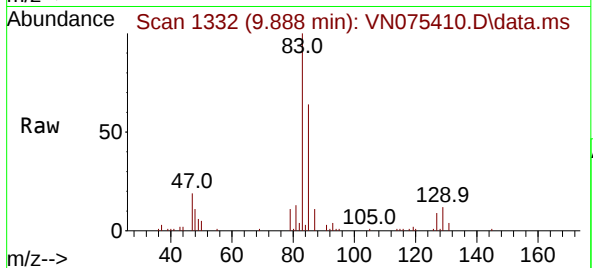
174 103.1 70.3 105.5





#47
Bromodichloromethane
Concen: 18.709 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

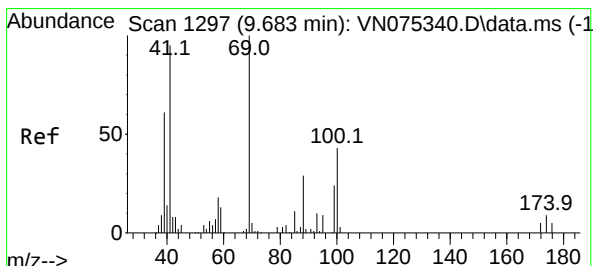
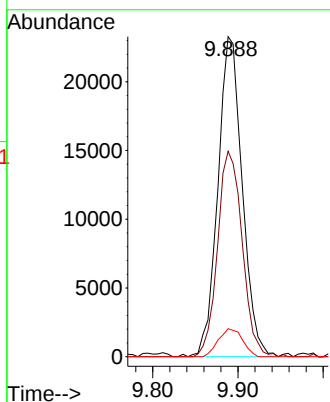
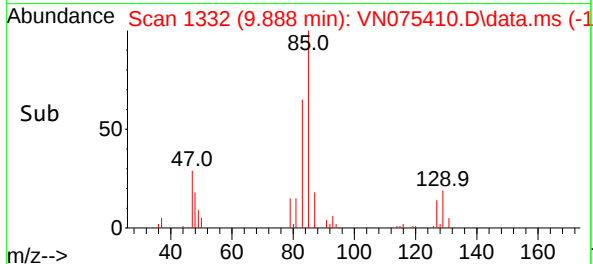
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02



Tgt Ion: 83 Resp: 4634
Ion Ratio Lower Upper
83 100
85 64.2 52.1 78.1
127 8.7 6.6 10.0

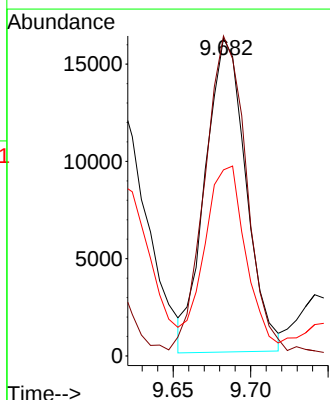
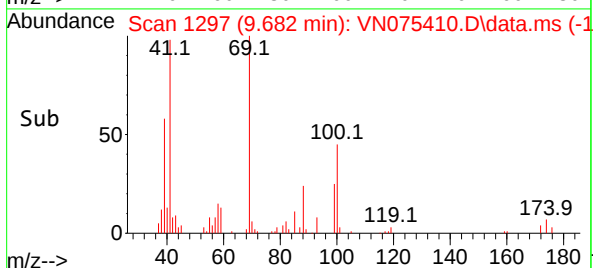
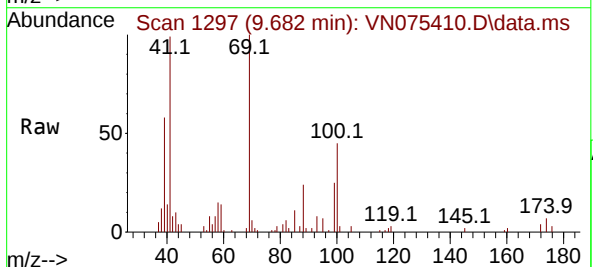
Manual Integrations
APPROVED

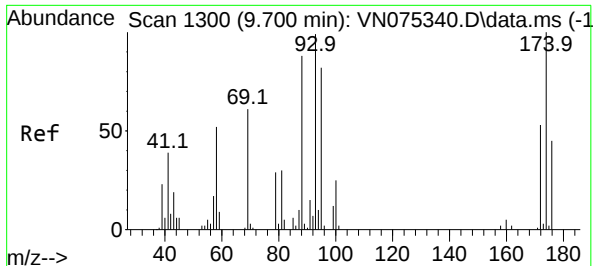
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#48
Methyl methacrylate
Concen: 19.017 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.001 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

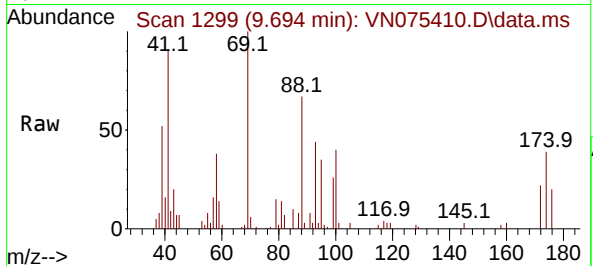
Tgt Ion: 41 Resp: 29456
Ion Ratio Lower Upper
41 100
69 104.5 80.2 120.2
39 63.6 56.2 84.2





#49
1,4-Dioxane
Concen: 385.383 ug/l
RT: 9.694 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

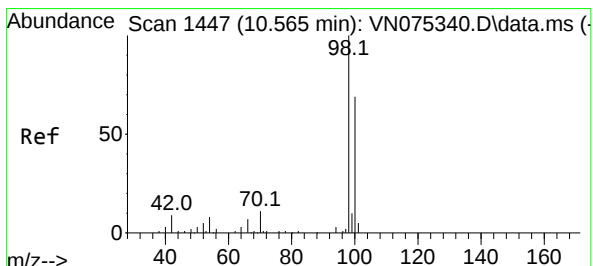
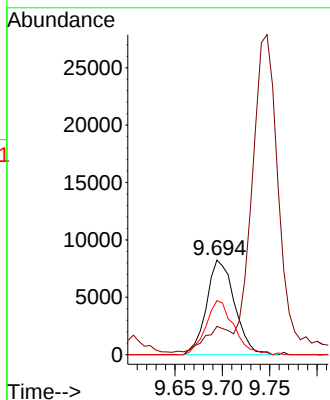
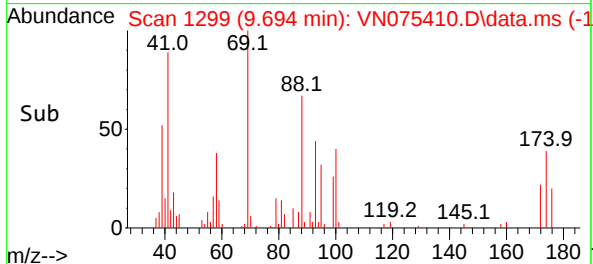
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02



Tgt Ion: 88 Resp: 16950
Ion Ratio Lower Upper
88 100
43 26.7 17.5 26.3
58 57.3 49.8 74.8

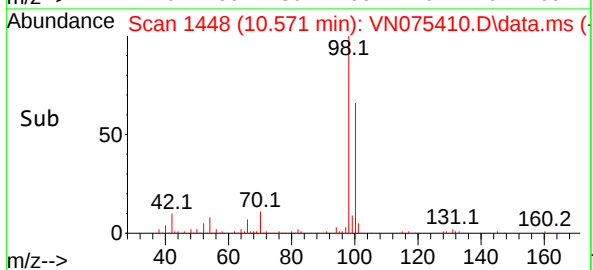
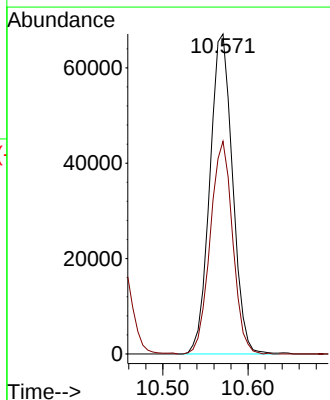
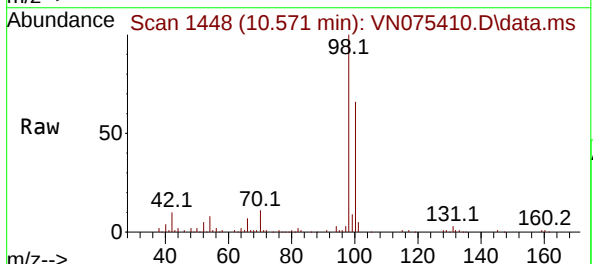
Manual Integrations
APPROVED

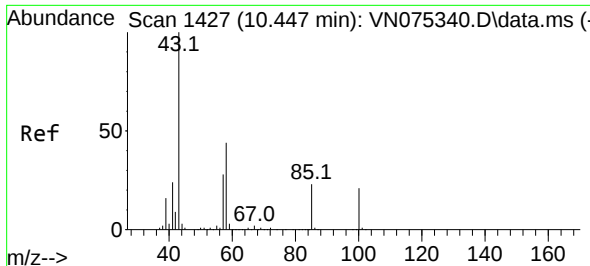
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#50
Toluene-d8
Concen: 51.912 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

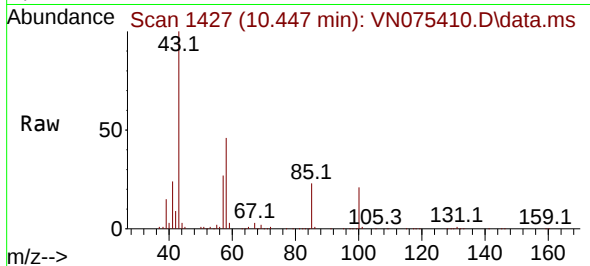
Tgt Ion: 98 Resp: 124262
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 97.239 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

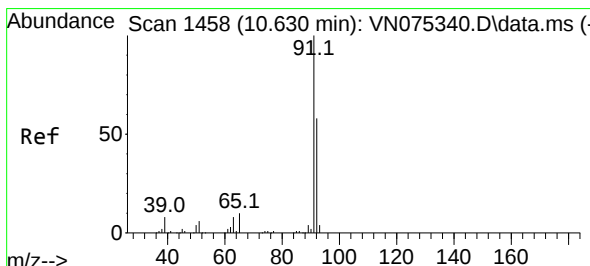
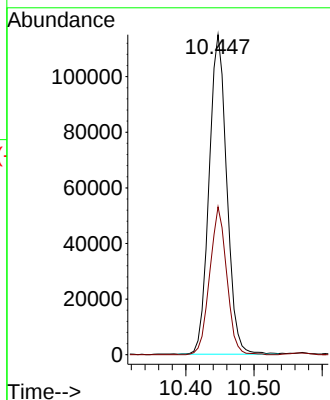
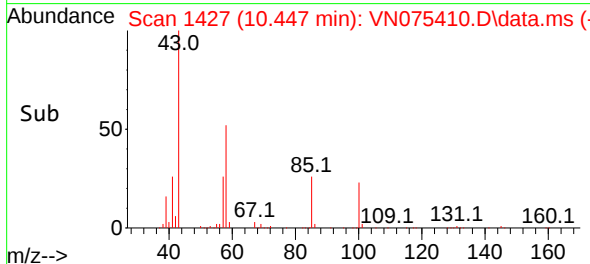
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02



Tgt Ion: 43 Resp: 207462
Ion Ratio Lower Upper
43 100
58 44.5 33.6 50.4

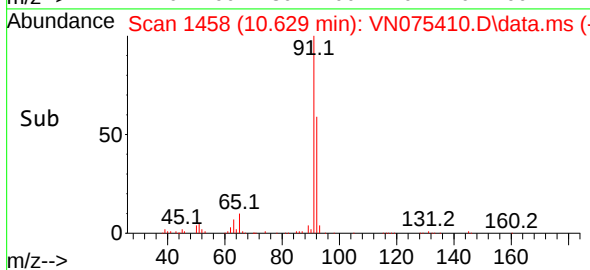
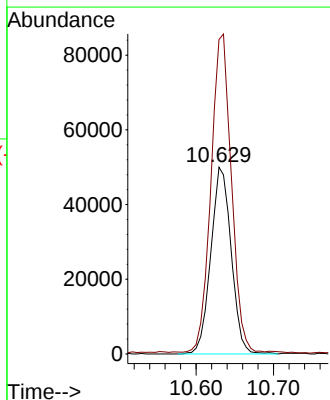
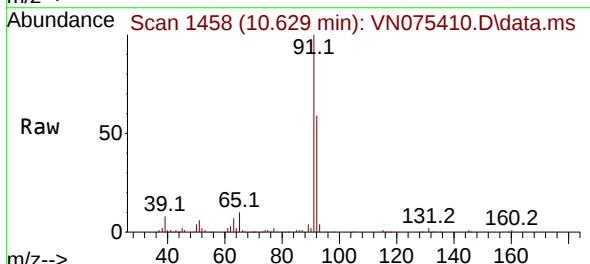
Manual Integrations
APPROVED

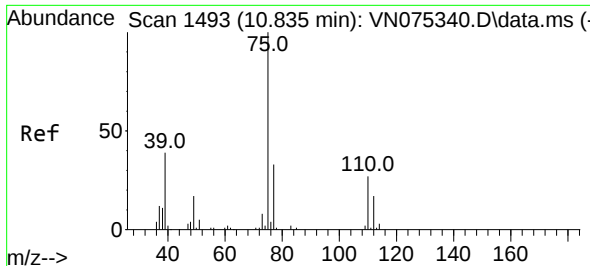
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#52
Toluene
Concen: 19.974 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

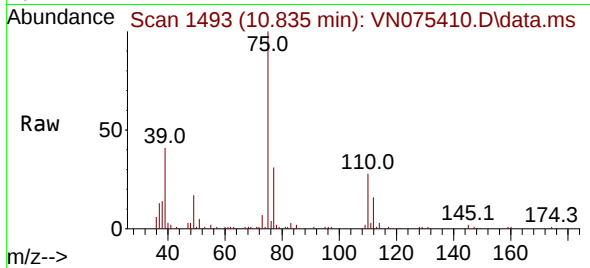
Tgt Ion: 92 Resp: 91339
Ion Ratio Lower Upper
92 100
91 170.0 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 19.286 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

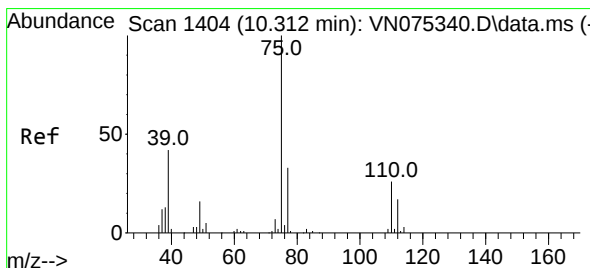
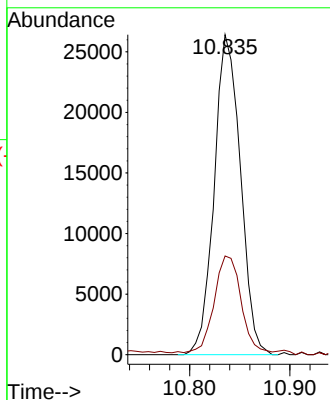
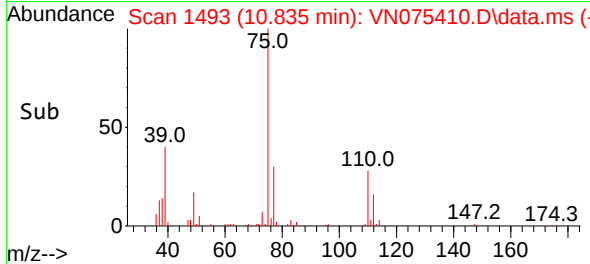
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02



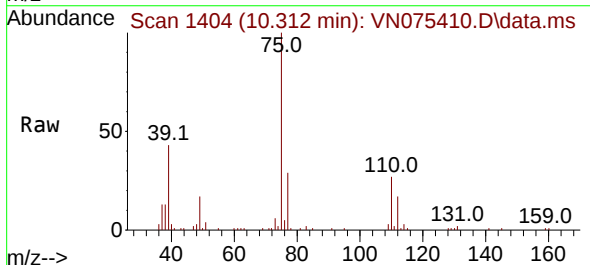
Tgt Ion: 75 Resp: 4795
Ion Ratio Lower Upper
75 100
77 29.9 25.4 38.2

Manual Integrations
APPROVED

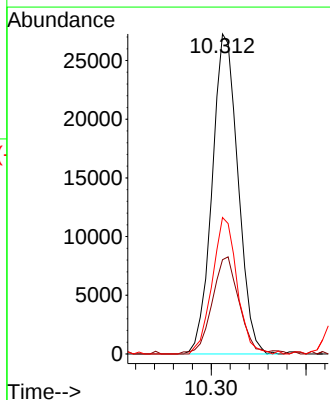
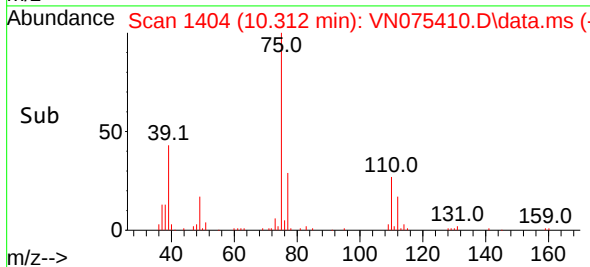
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

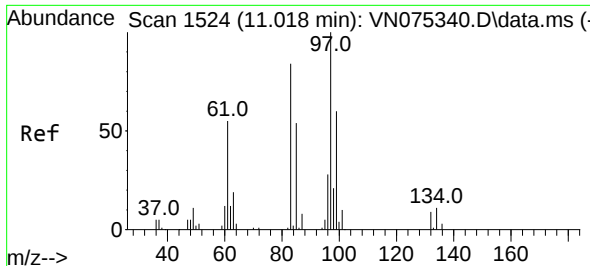


#54
cis-1,3-Dichloropropene
Concen: 19.150 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46



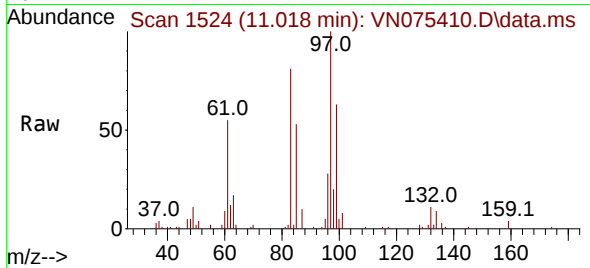
Tgt Ion: 75 Resp: 51721
Ion Ratio Lower Upper
75 100
77 29.5 23.7 35.5
39 42.7 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 20.239 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02

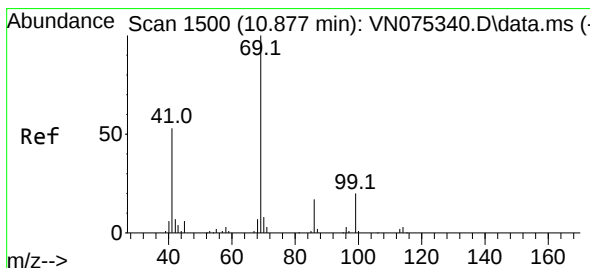
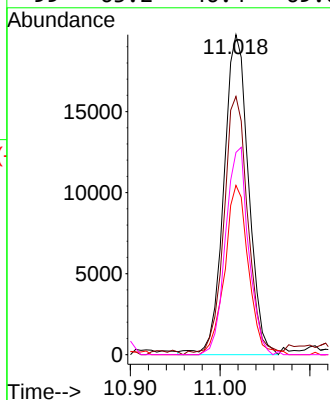
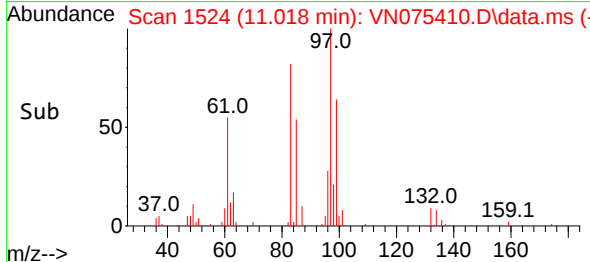


Tgt Ion: 97 Resp: 37694

Ion	Ratio	Lower	Upper
97	100		
83	79.9	65.9	98.9
85	52.9	40.4	60.6
99	63.2	46.4	69.6

Manual Integrations
APPROVED

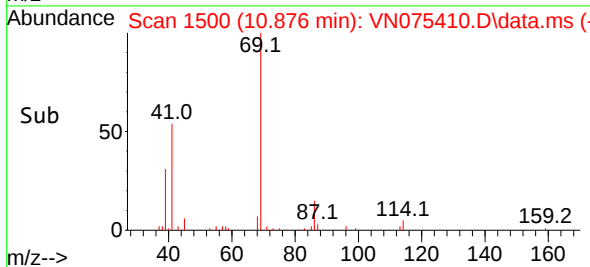
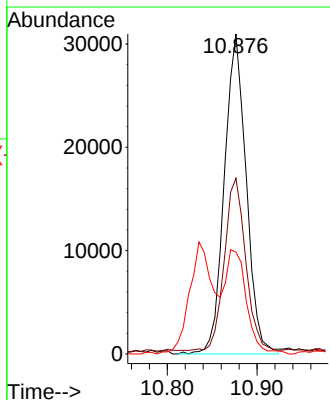
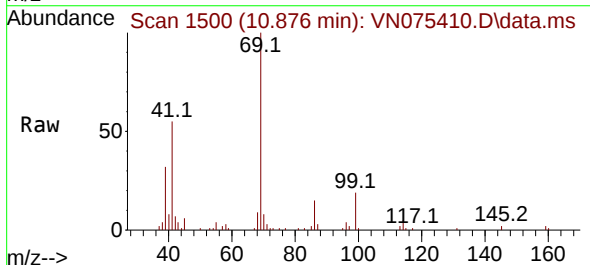
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

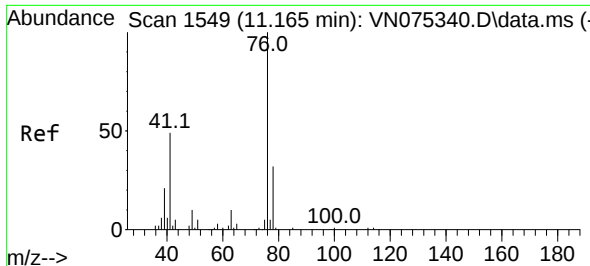


#56
Ethyl methacrylate
Concen: 20.849 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

Tgt Ion: 69 Resp: 52439

Ion	Ratio	Lower	Upper
69	100		
41	52.2	45.6	68.4
39	31.0	28.5	42.7





#57

1,3-Dichloropropane

Concen: 19.388 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075410.D

Acq: 23 Nov 2022 20:46

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBSD02

Tgt Ion: 76 Resp: 58878

Ion Ratio Lower Upper

76 100

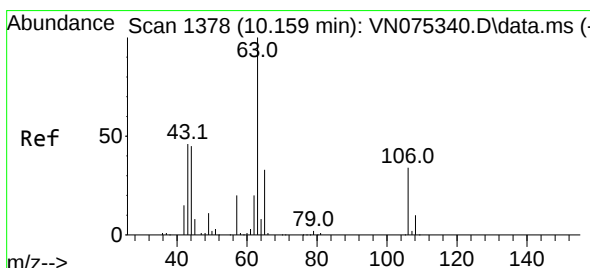
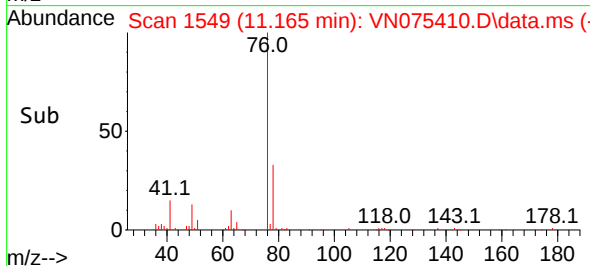
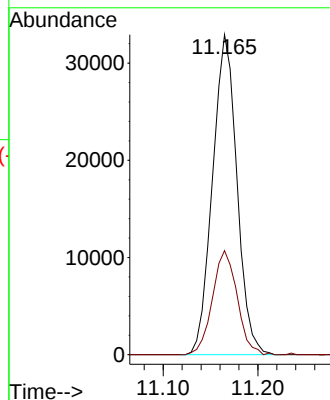
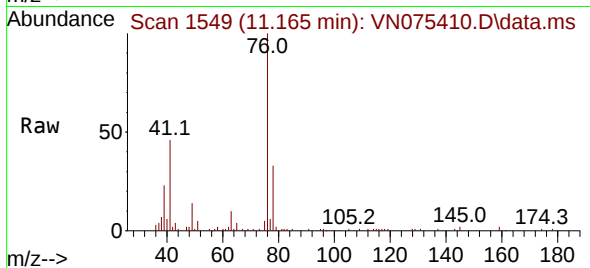
78 33.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 112.250 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.000 min

Lab File: VN075410.D

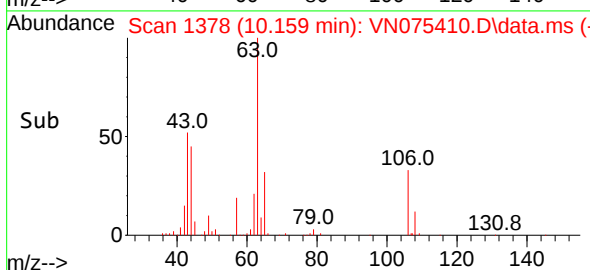
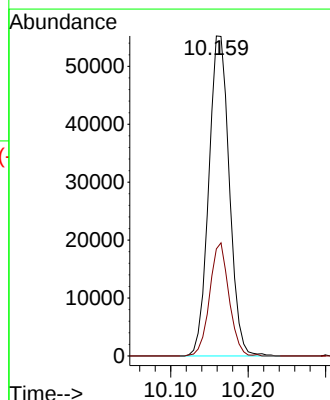
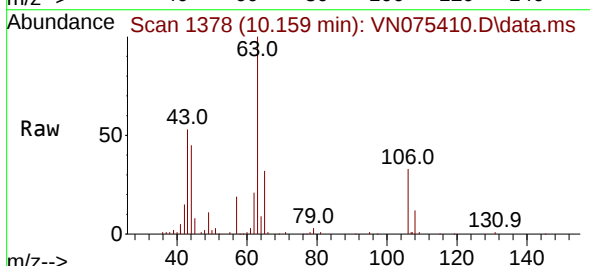
Acq: 23 Nov 2022 20:46

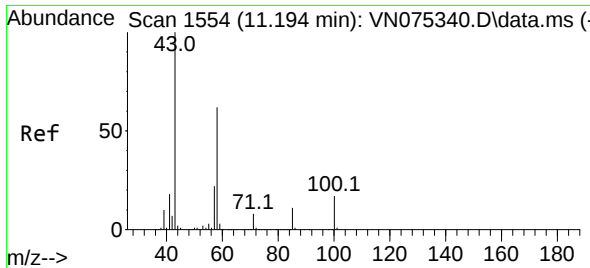
Tgt Ion: 63 Resp: 101825

Ion Ratio Lower Upper

63 100

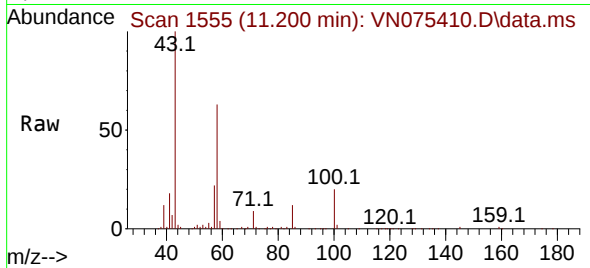
106 33.2 24.8 37.2





#59
2-Hexanone
Concen: 96.321 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

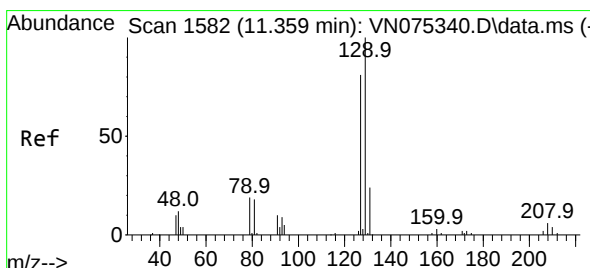
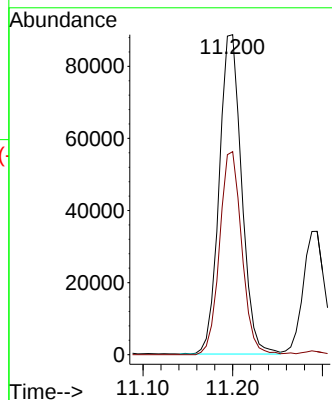
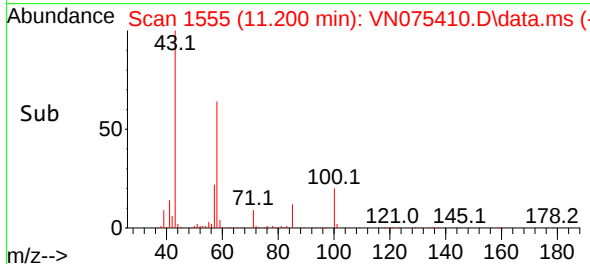
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02



Tgt Ion: 43 Resp: 154314
Ion Ratio Lower Upper
43 100
58 62.7 29.6 88.8

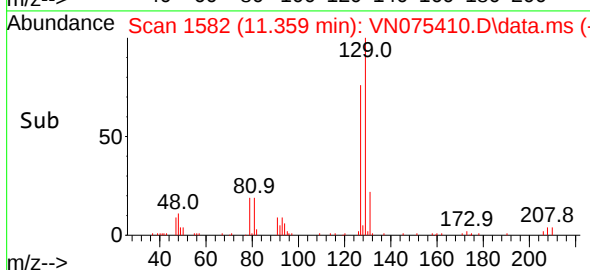
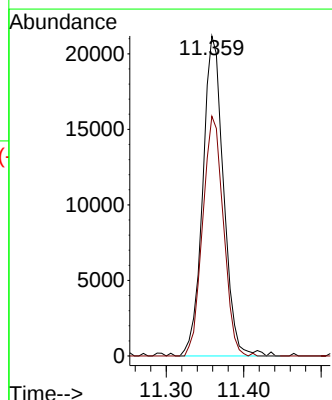
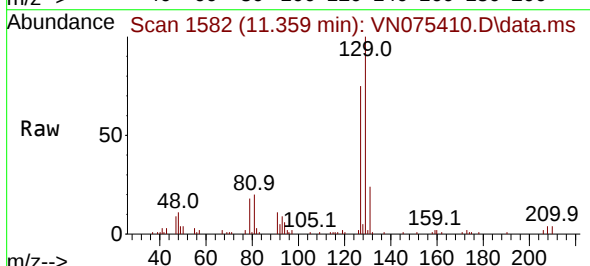
Manual Integrations
APPROVED

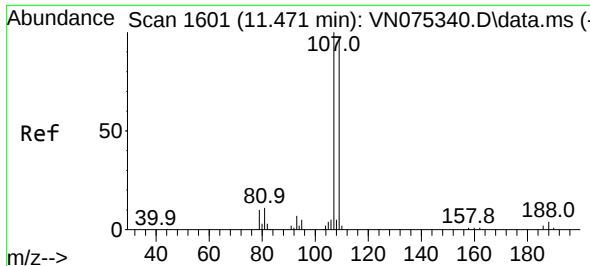
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#60
Dibromochloromethane
Concen: 20.605 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

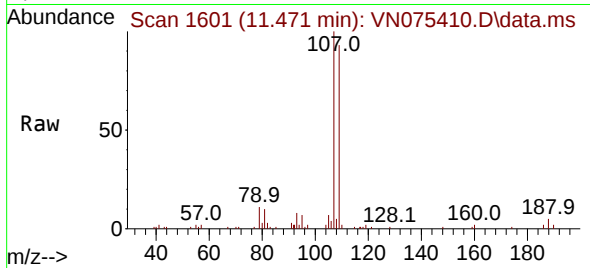
Tgt Ion:129 Resp: 39391
Ion Ratio Lower Upper
129 100
127 74.6 38.6 115.8





#61
1,2-Dibromoethane
Concen: 19.327 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

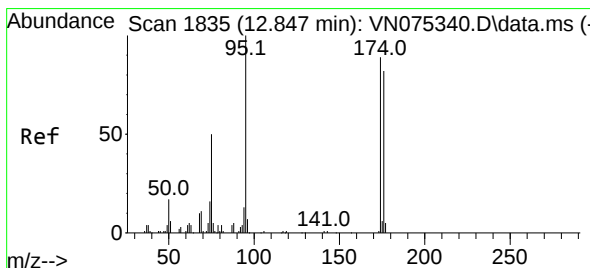
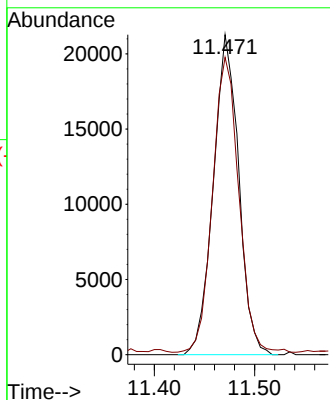
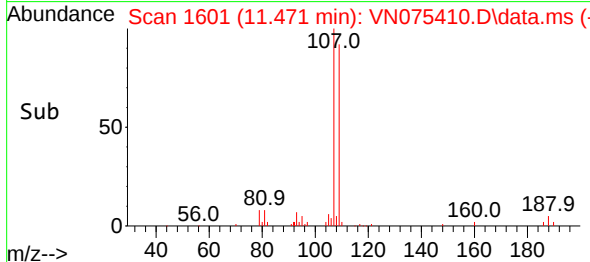
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02



Tgt Ion:107 Resp: 3736
Ion Ratio Lower Upper
107 100
109 95.1 75.6 113.4

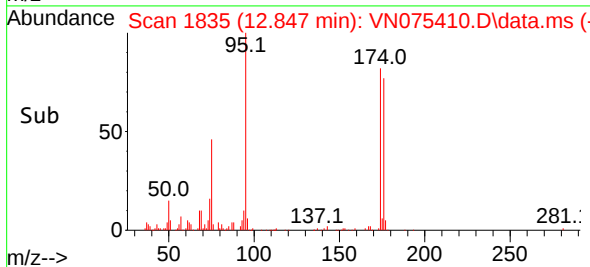
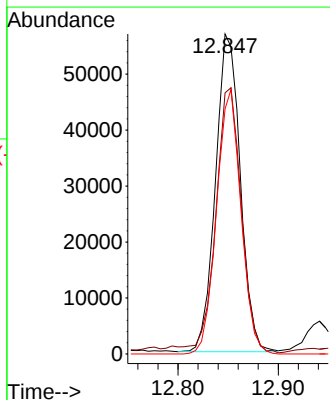
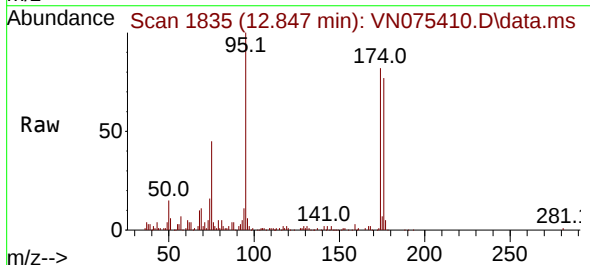
Manual Integrations
APPROVED

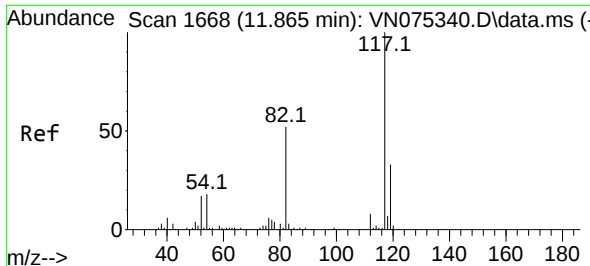
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#62
4-Bromofluorobenzene
Concen: 55.137 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

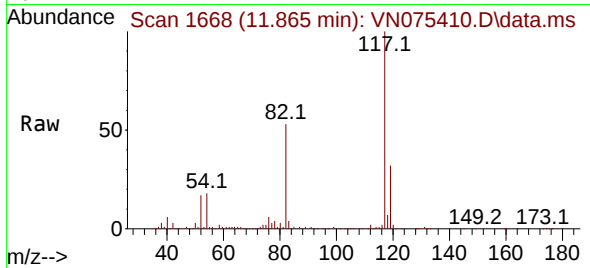
Tgt Ion: 95 Resp: 97416
Ion Ratio Lower Upper
95 100
174 87.0 0.0 147.4
176 81.9 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

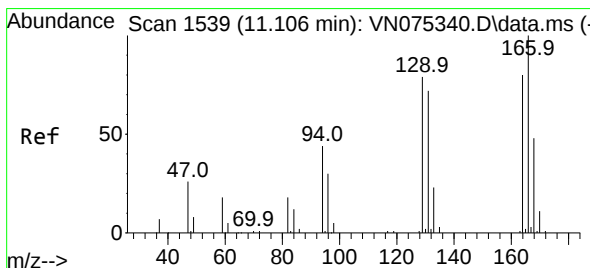
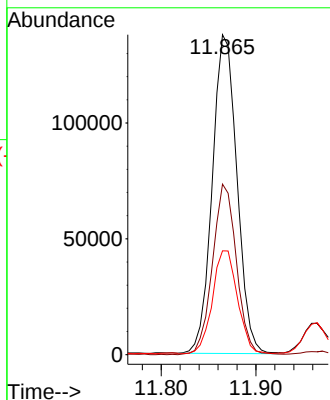
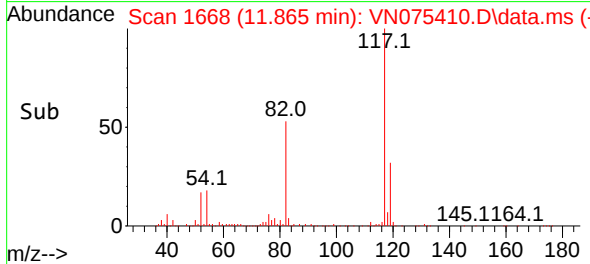
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02



Tgt Ion:117 Resp: 24900
Ion Ratio Lower Upper
117 100
82 53.6 43.1 64.7
119 32.2 25.5 38.3

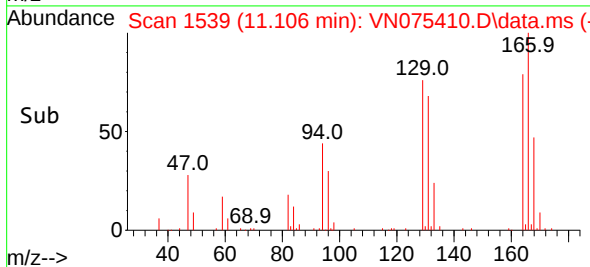
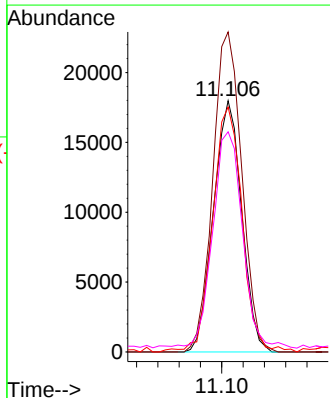
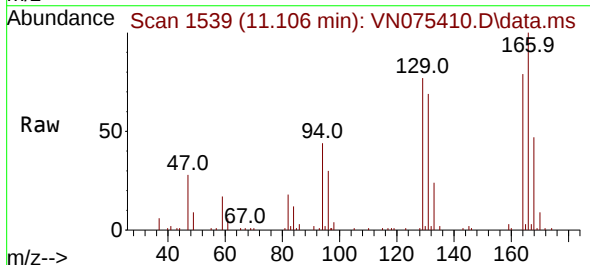
Manual Integrations
APPROVED

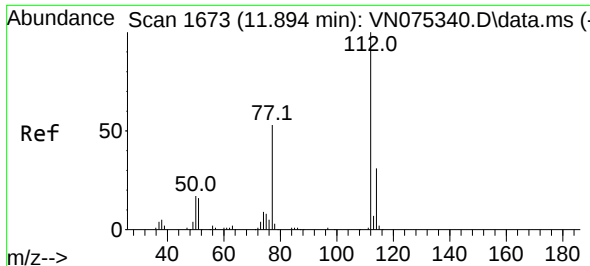
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#64
Tetrachloroethene
Concen: 17.435 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

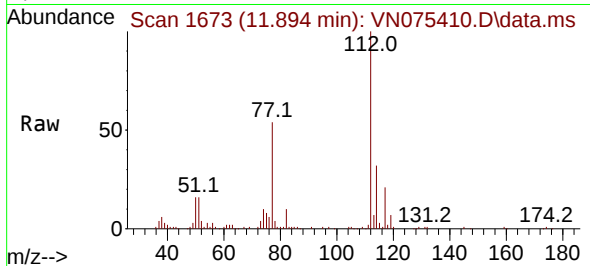
Tgt Ion:164 Resp: 33154
Ion Ratio Lower Upper
164 100
166 127.4 106.5 159.7
129 96.5 81.9 122.9
131 84.9 81.4 122.2





#65
Chlorobenzene
Concen: 19.367 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

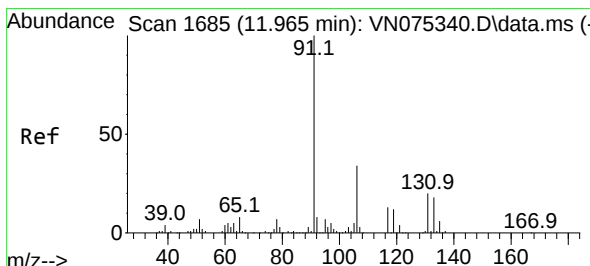
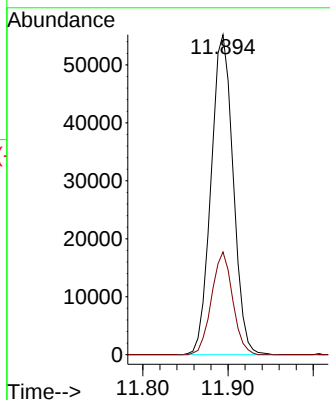
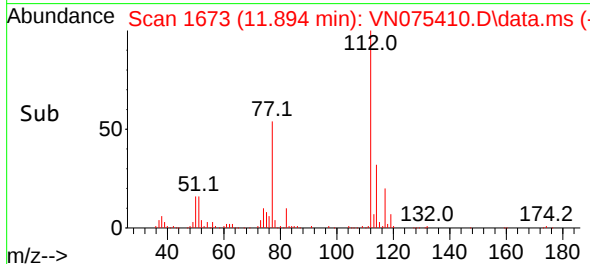
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02



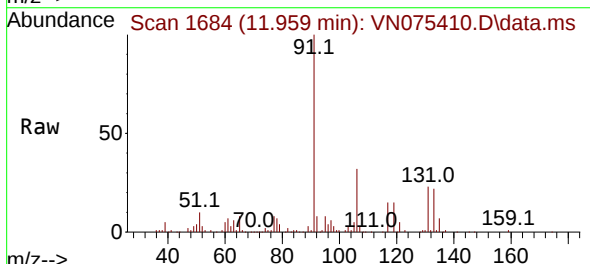
Tgt Ion:112 Resp: 9959
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2

Manual Integrations
APPROVED

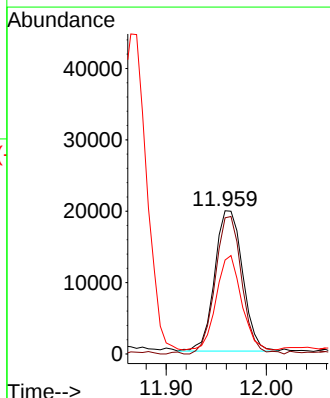
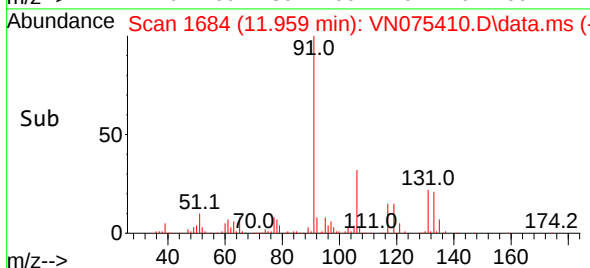
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

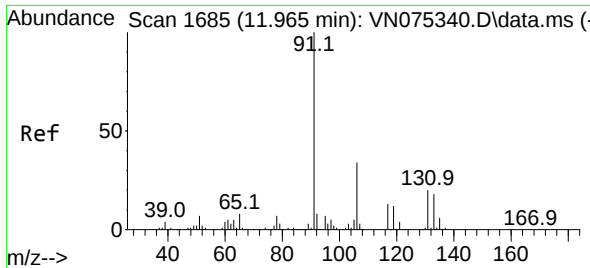


#66
1,1,1,2-Tetrachloroethane
Concen: 19.829 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46



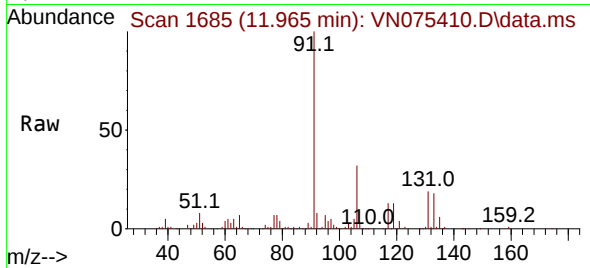
Tgt Ion:131 Resp: 38057
Ion Ratio Lower Upper
131 100
133 93.2 47.8 143.4
119 60.5 33.0 99.0





#67
Ethyl Benzene
Concen: 19.942 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

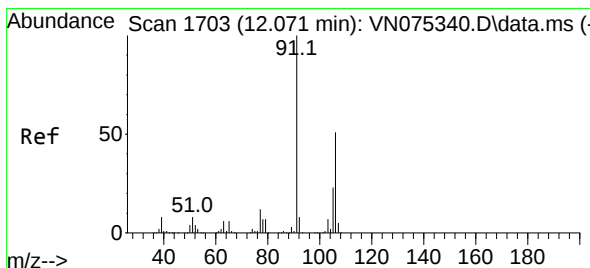
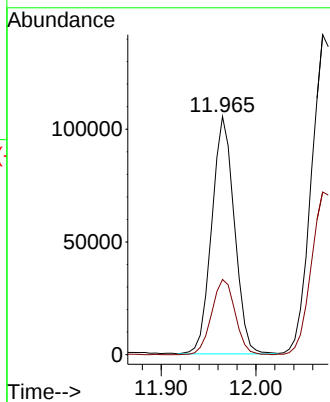
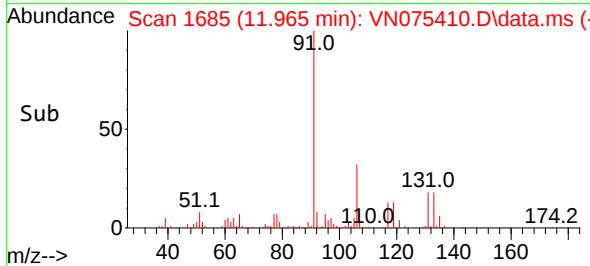
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02



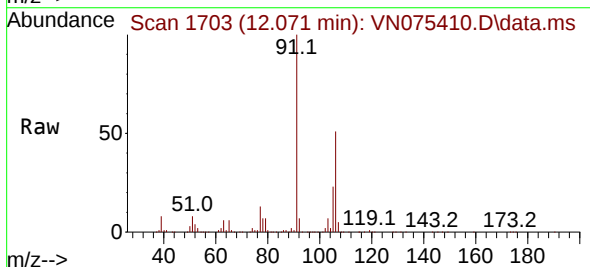
Tgt Ion: 91 Resp: 17495
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

Manual Integrations
APPROVED

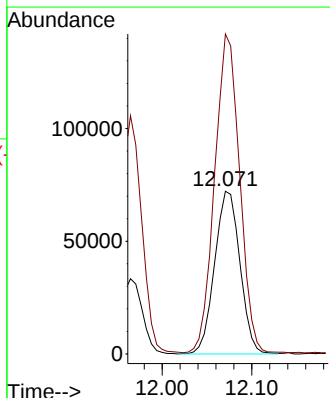
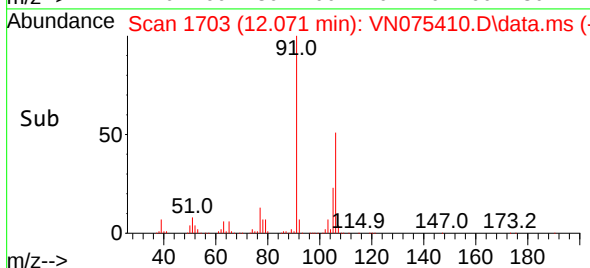
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

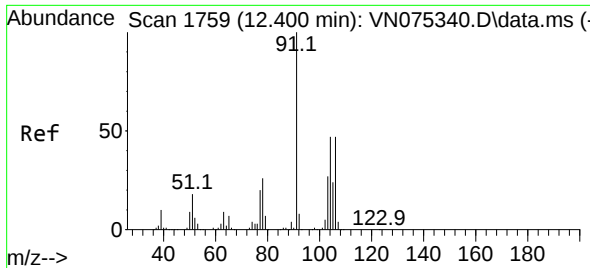


#68
m/p-Xylenes
Concen: 39.720 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46



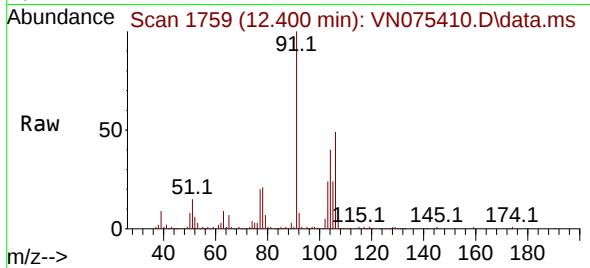
Tgt Ion:106 Resp: 141511
Ion Ratio Lower Upper
106 100
91 192.9 156.0 234.0





#69
o-Xylene
Concen: 19.840 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

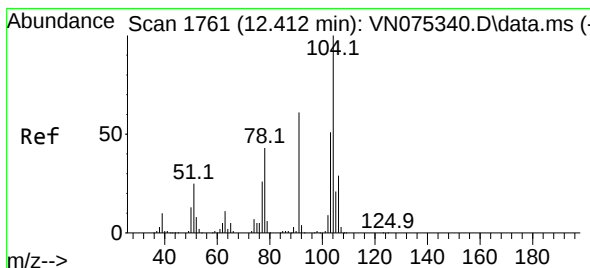
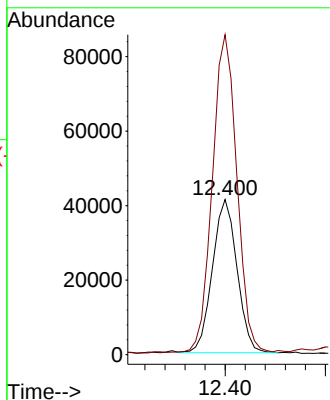
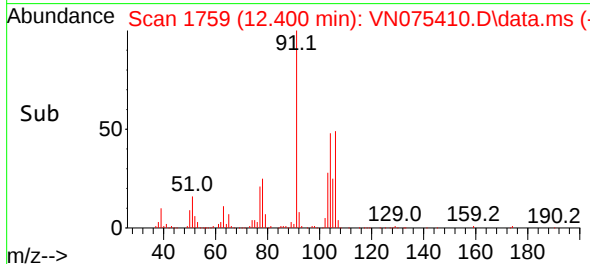
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02



Tgt Ion:106 Resp: 70228
Ion Ratio Lower Upper
106 100
91 205.8 105.2 315.5

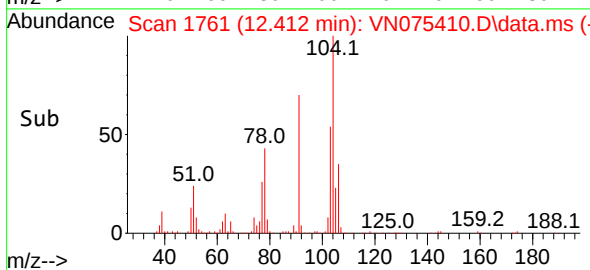
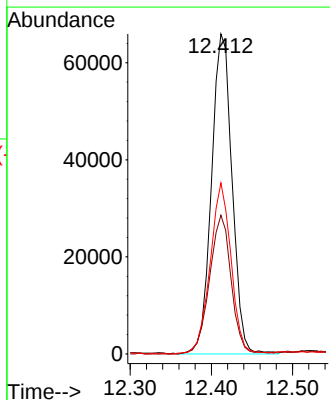
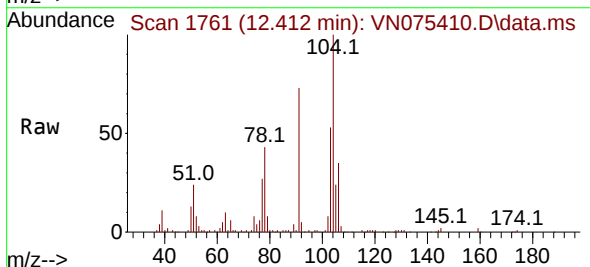
Manual Integrations
APPROVED

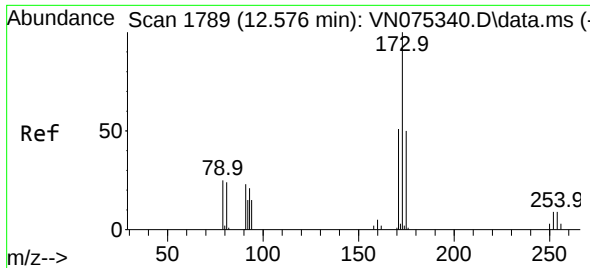
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#70
Styrene
Concen: 20.816 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

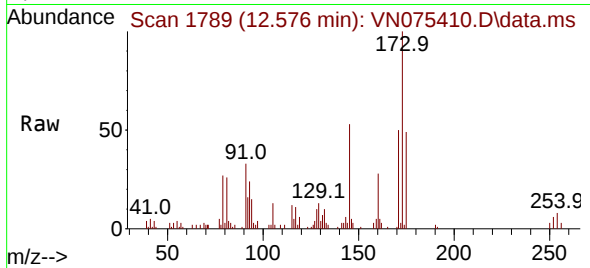
Tgt Ion:104 Resp: 116239
Ion Ratio Lower Upper
104 100
78 45.6 38.1 57.1
103 54.4 44.6 66.8





#71
Bromoform
Concen: 20.232 ug/l
RT: 12.576 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

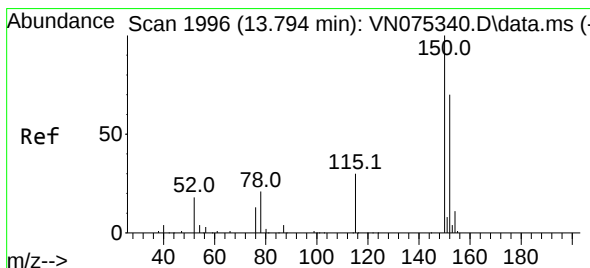
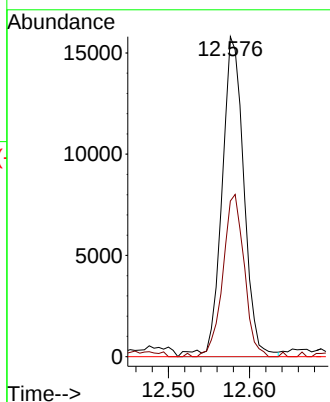
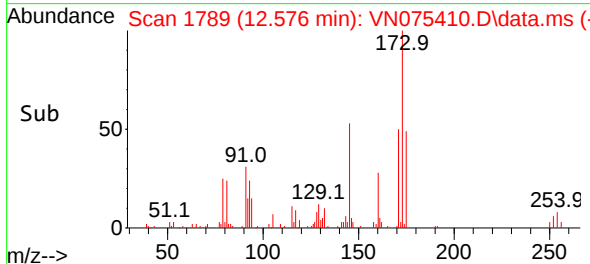
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02



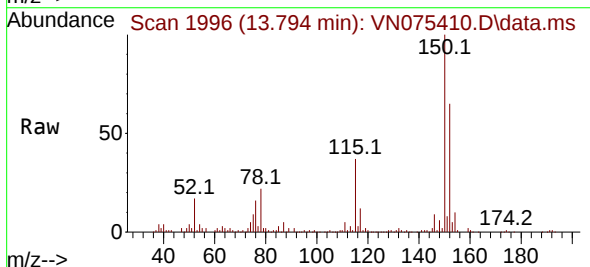
Tgt Ion:173 Resp: 29554
Ion Ratio Lower Upper
173 100
175 49.3 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

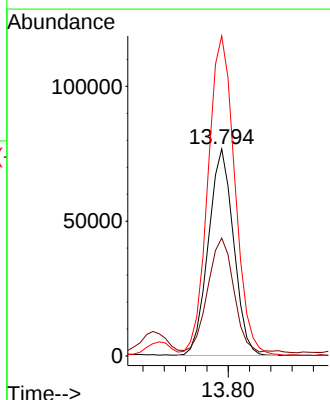
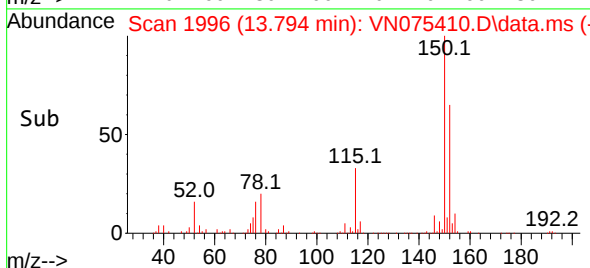
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

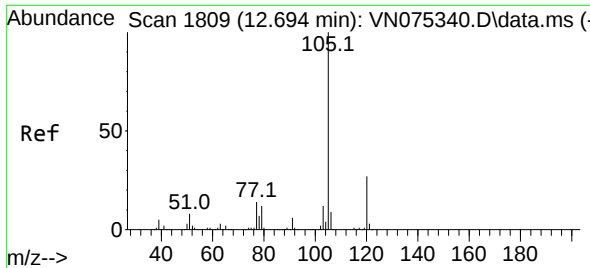


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46



Tgt Ion:152 Resp: 125722
Ion Ratio Lower Upper
152 100
115 55.4 30.2 90.6
150 166.5 0.0 348.4





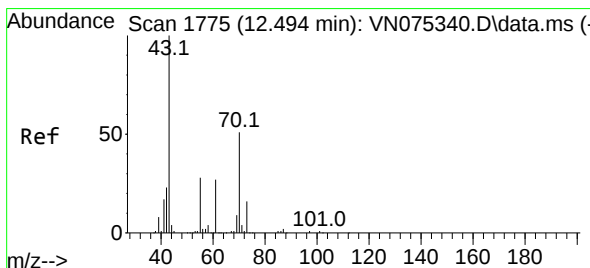
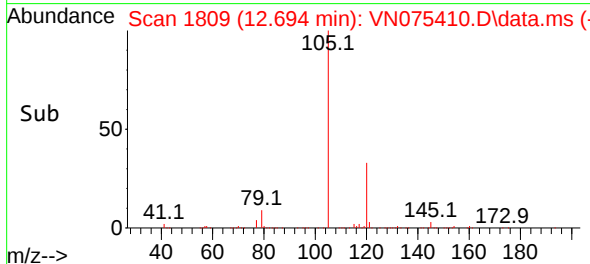
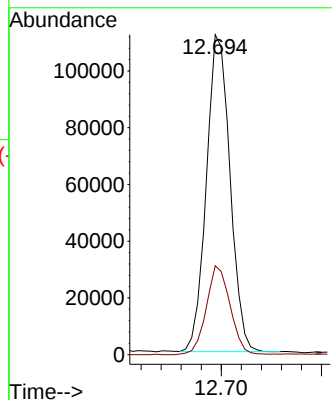
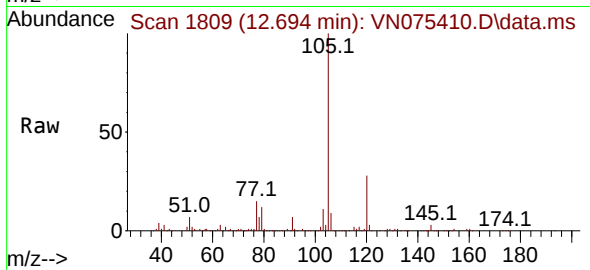
#73
Isopropylbenzene
Concen: 19.965 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02

Tgt Ion:105 Resp: 183378
Ion Ratio Lower Upper
105 100
120 28.3 13.1 39.1

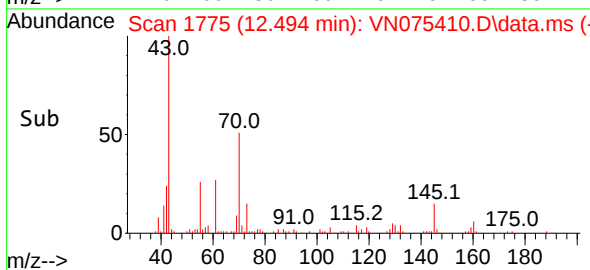
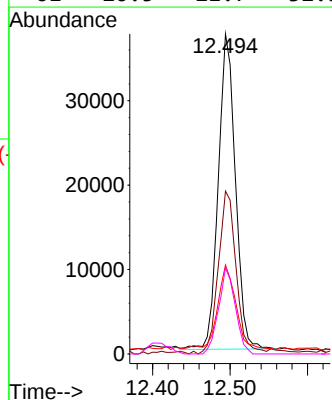
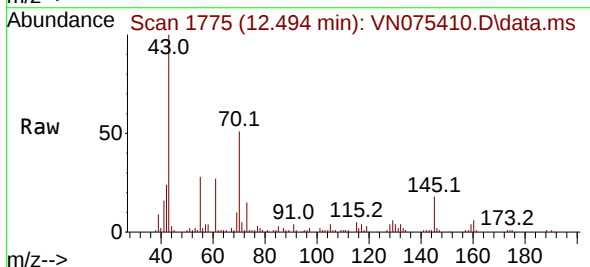
Manual Integrations
APPROVED

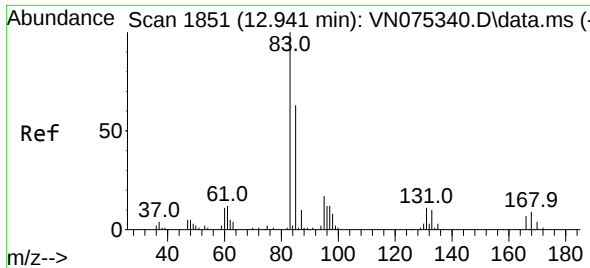
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#74
N-ethyl acetate
Concen: 20.343 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

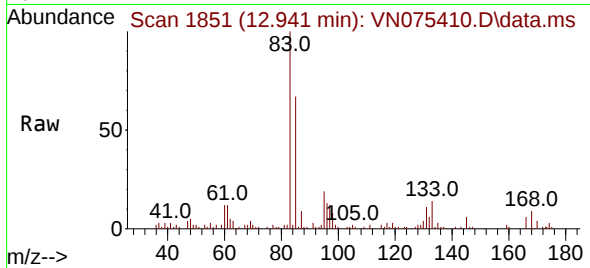
Tgt Ion: 43 Resp: 57445
Ion Ratio Lower Upper
43 100
70 53.9 39.8 59.8
55 29.0 19.9 29.9
61 26.5 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 20.302 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

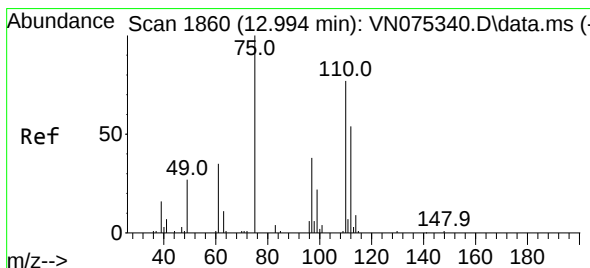
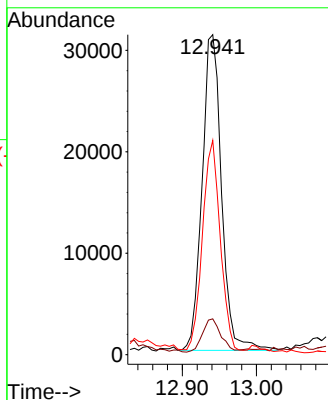
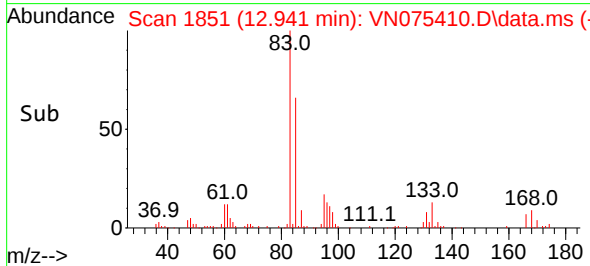
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02



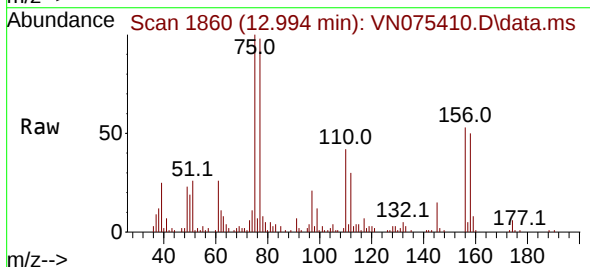
Tgt Ion: 83 Resp: 5685
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 60.5 31.6 94.7

Manual Integrations
APPROVED

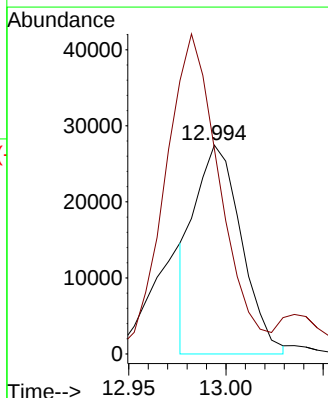
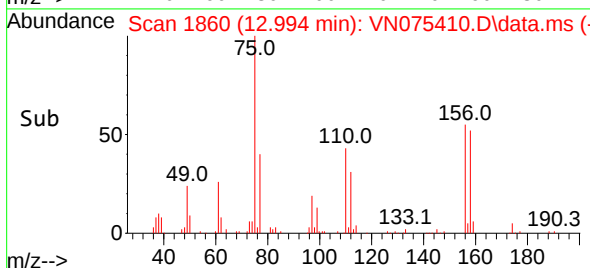
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

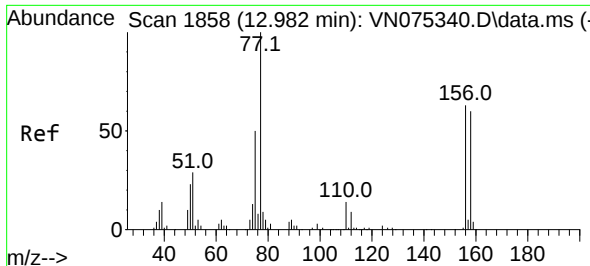


#76
1,2,3-Trichloropropane
Concen: 19.370 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46



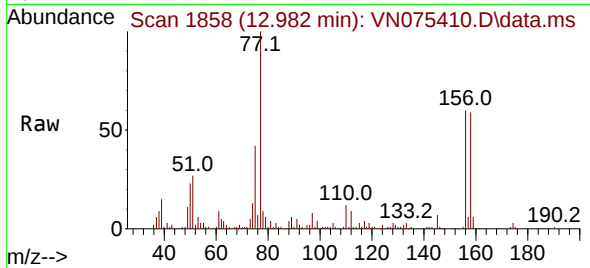
Tgt Ion: 75 Resp: 46045
Ion Ratio Lower Upper
75 100
77 179.1 75.6 226.8





#77
Bromobenzene
Concen: 19.574 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

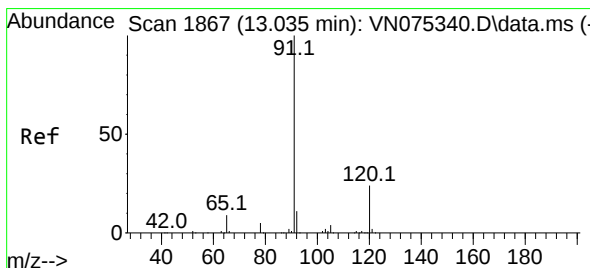
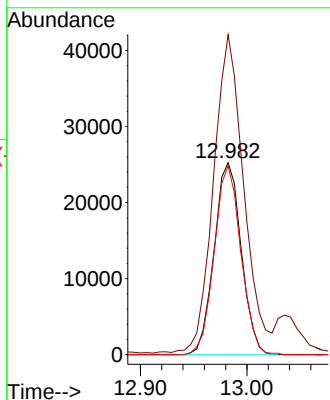
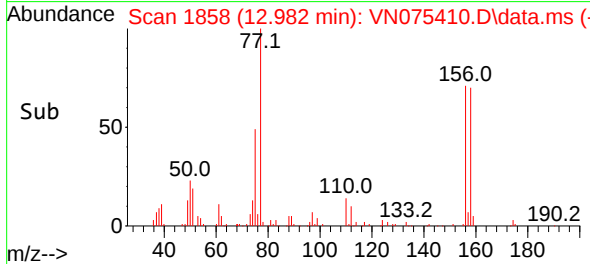
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02



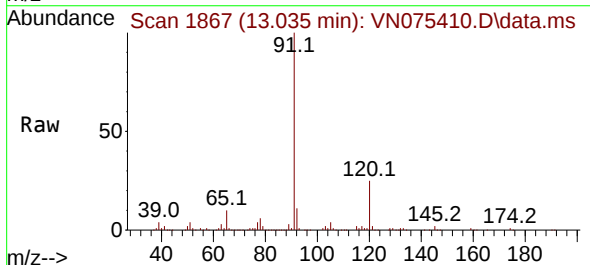
Tgt Ion:156 Resp: 4438
Ion Ratio Lower Upper
156 100
77 185.8 108.5 325.5
158 97.0 47.7 143.1

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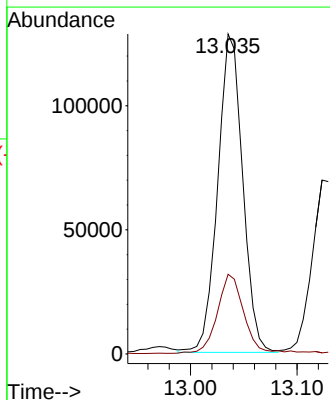
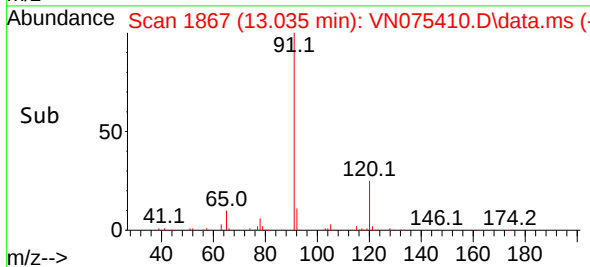
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

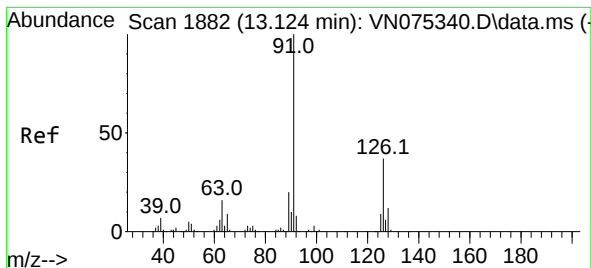


#78
n-propylbenzene
Concen: 20.336 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46



Tgt Ion: 91 Resp: 208456
Ion Ratio Lower Upper
91 100
120 26.8 11.9 35.5





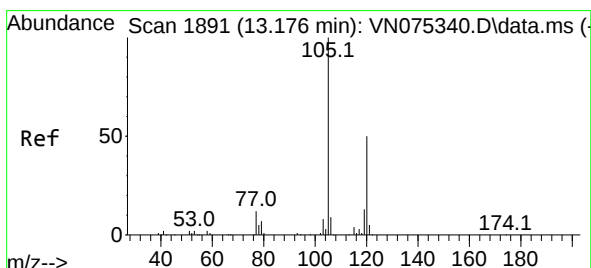
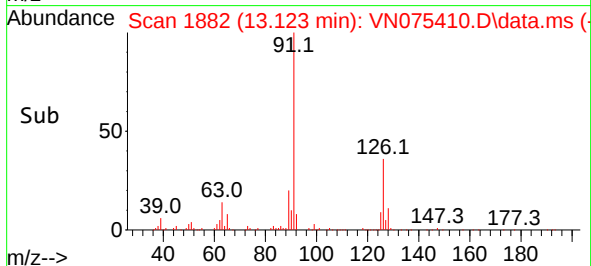
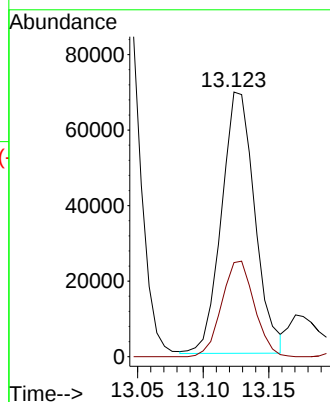
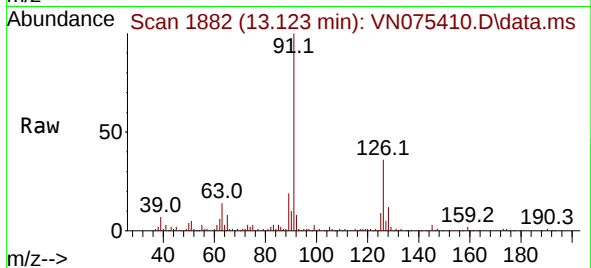
#79
2-Chlorotoluene
Concen: 19.796 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02

Tgt Ion: 91 Resp: 122260
Ion Ratio Lower Upper
91 100
126 35.8 16.9 50.7

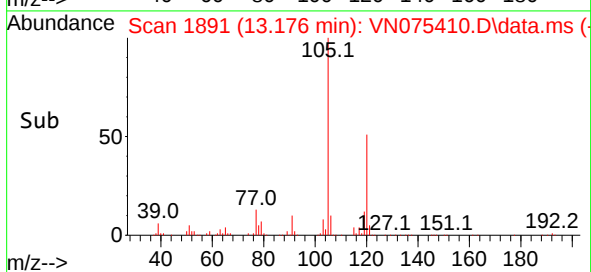
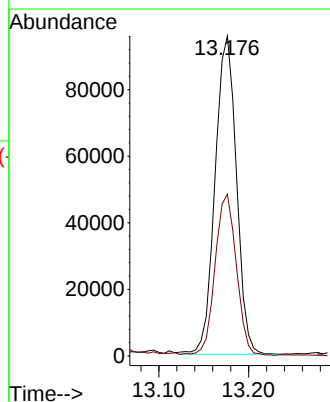
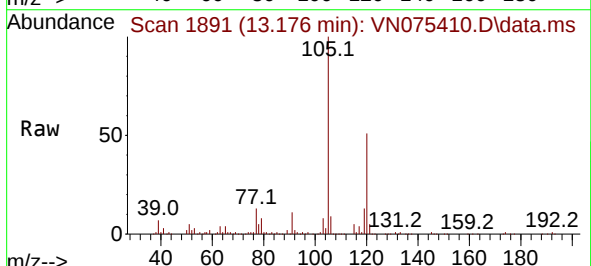
Manual Integrations
APPROVED

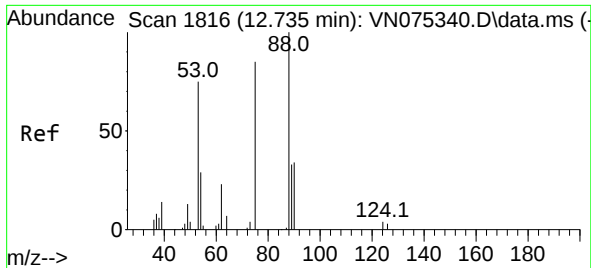
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.656 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

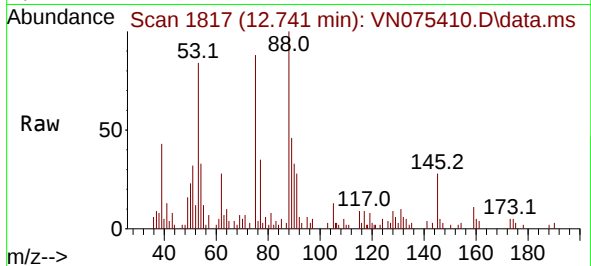
Tgt Ion:105 Resp: 157633
Ion Ratio Lower Upper
105 100
120 50.4 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 18.457 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

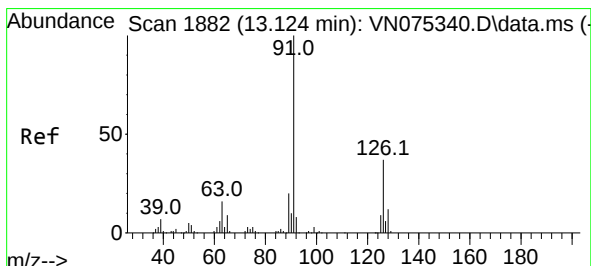
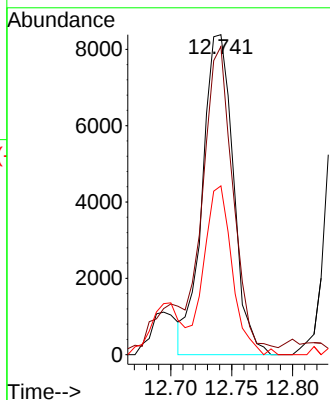
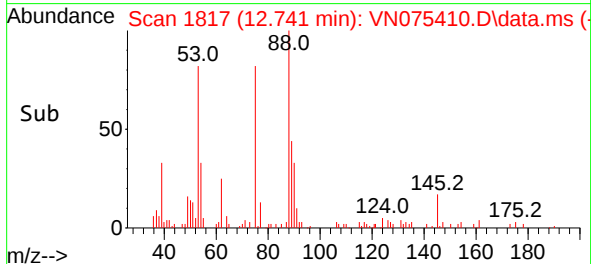
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02



Tgt Ion: 75 Resp: 14828
Ion Ratio Lower Upper
75 100
53 103.4 78.5 117.7
89 48.3 37.7 56.5

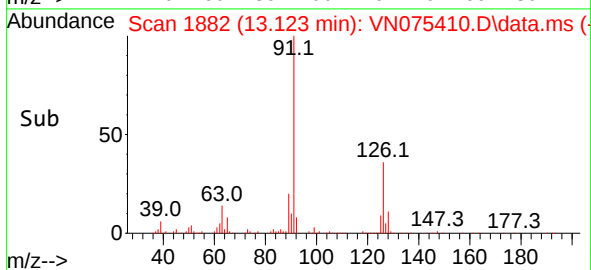
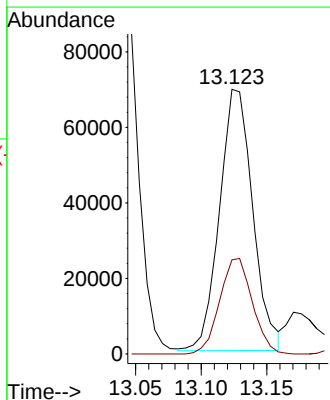
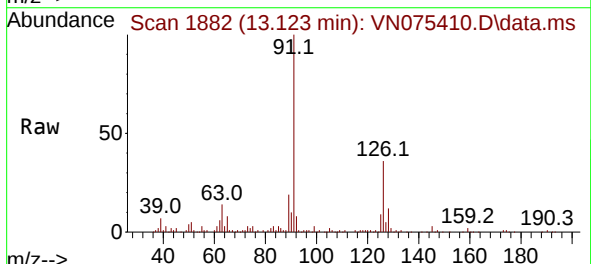
Manual Integrations
APPROVED

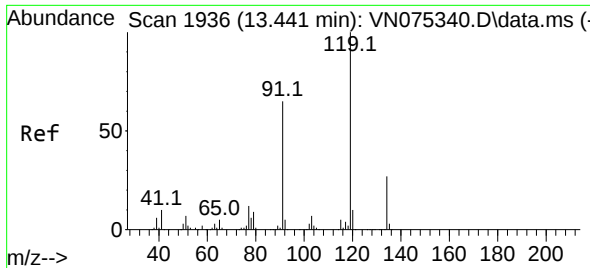
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#82
4-Chlorotoluene
Concen: 19.796 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

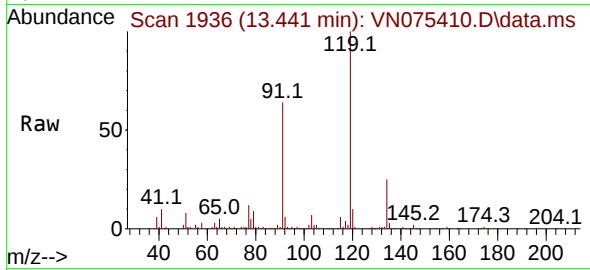
Tgt Ion: 91 Resp: 122266
Ion Ratio Lower Upper
91 100
126 35.8 16.9 50.7





#83
tert-Butylbenzene
Concen: 19.779 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

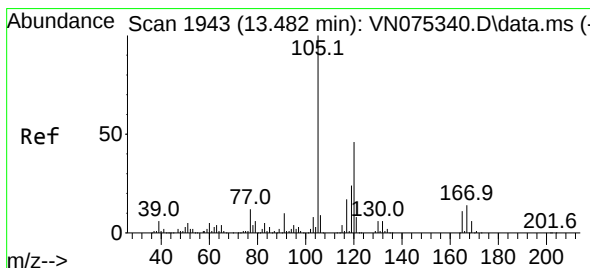
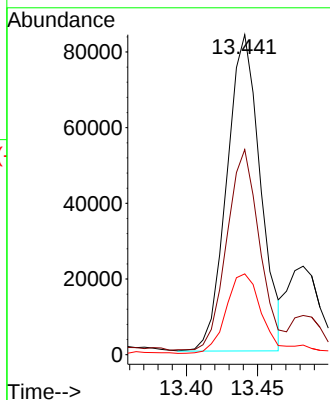
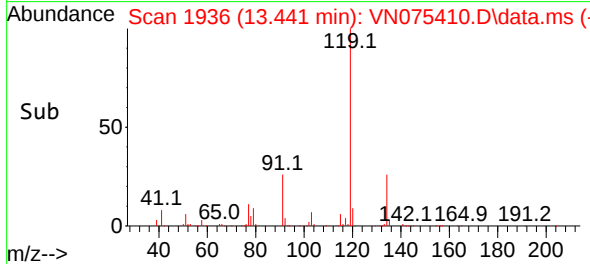
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02



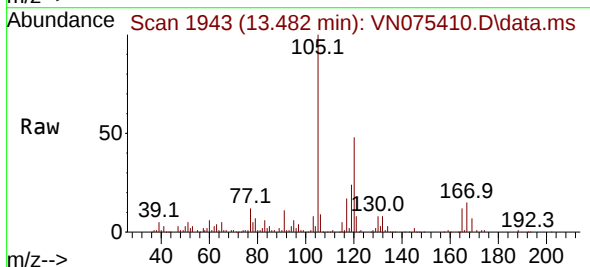
Tgt Ion:119 Resp: 13762
Ion Ratio Lower Upper
119 100
91 62.1 32.8 98.4
134 28.4 12.3 36.9

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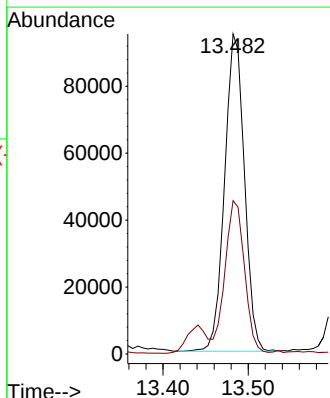
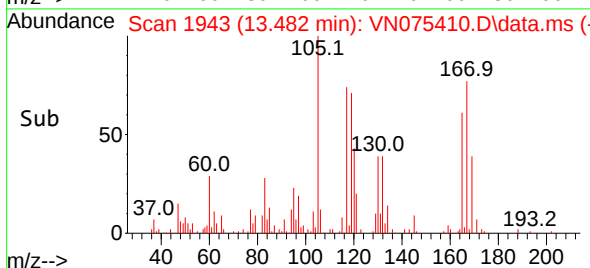
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

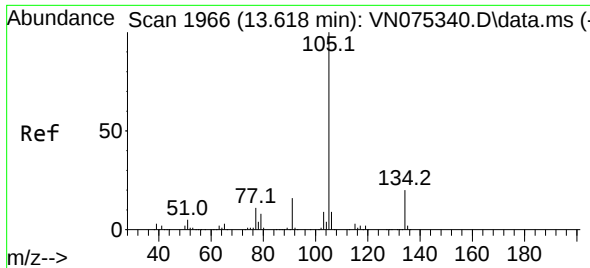


#84
1,2,4-Trimethylbenzene
Concen: 20.019 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46



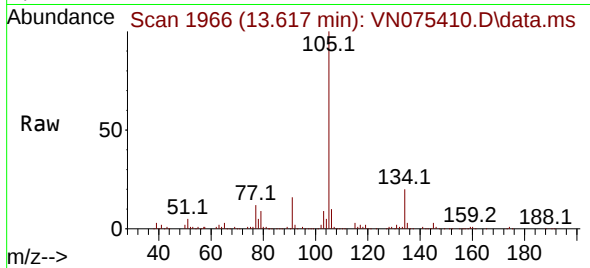
Tgt Ion:105 Resp: 153237
Ion Ratio Lower Upper
105 100
120 46.4 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 21.501 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075410.D
 Acq: 23 Nov 2022 20:46

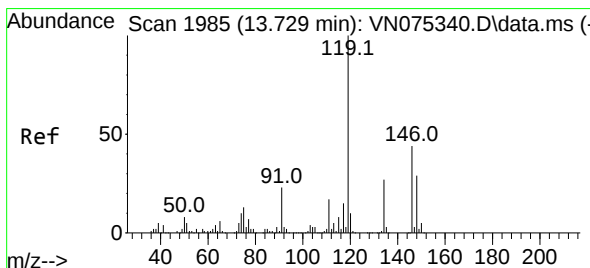
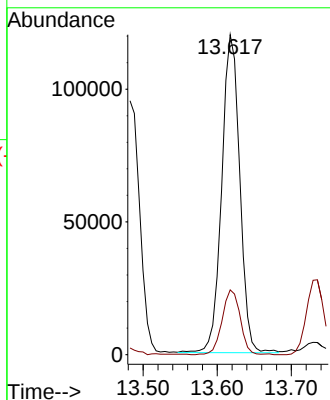
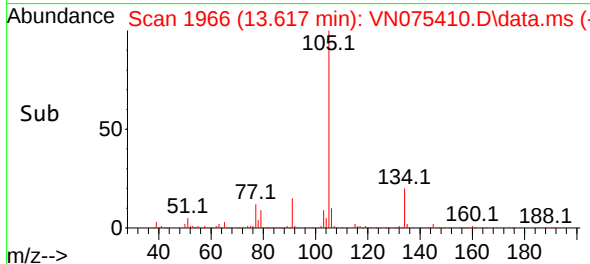
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBSD02



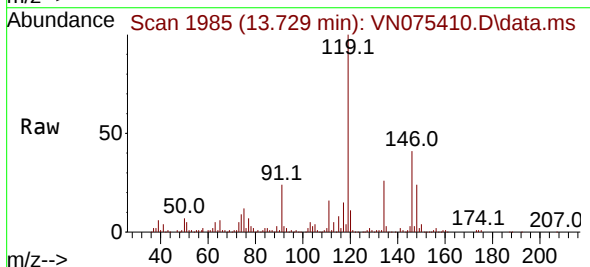
Tgt Ion:105 Resp: 202983
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6

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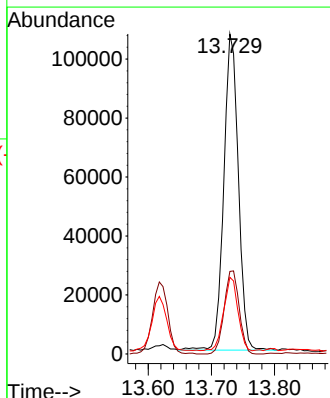
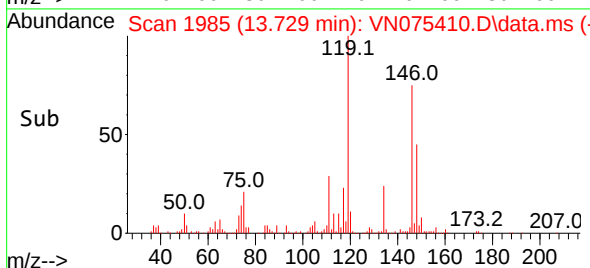
Reviewed By :John Carlone 11/25/2022
 Supervised By :Mahesh Dadoda 11/28/2022

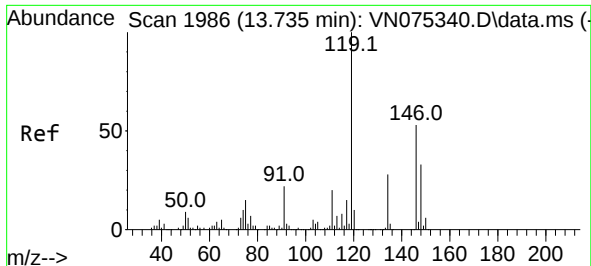


#86
 p-Isopropyltoluene
 Concen: 21.572 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075410.D
 Acq: 23 Nov 2022 20:46



Tgt Ion:119 Resp: 171350
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.1 39.3
 91 22.9 11.9 35.5





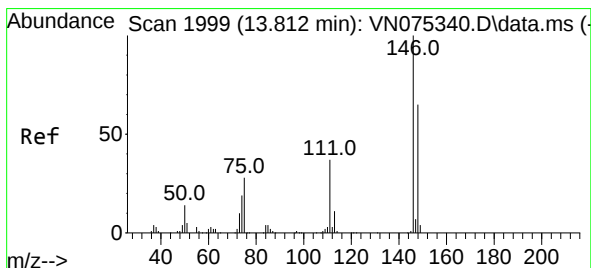
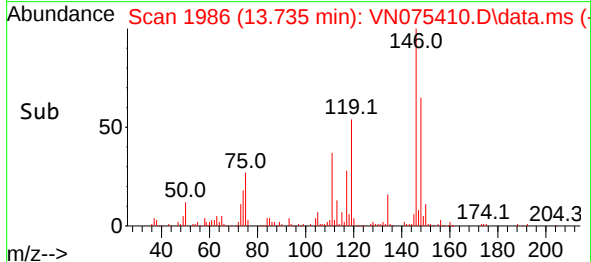
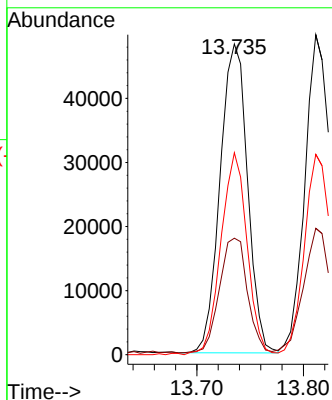
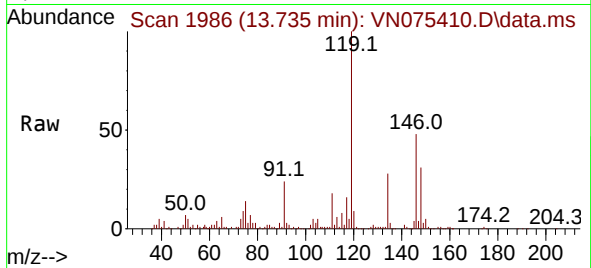
#87
1,3-Dichlorobenzene
Concen: 20.123 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02

Tgt Ion:146 Resp: 86458
Ion Ratio Lower Upper
146 100
111 37.7 20.8 62.5
148 62.1 31.1 93.5

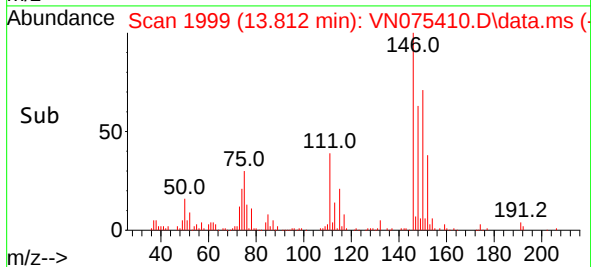
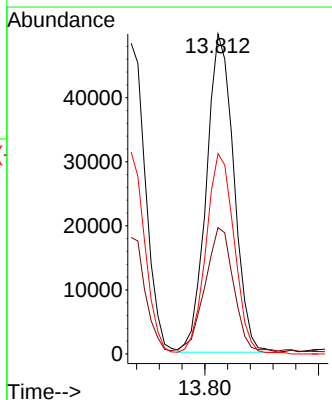
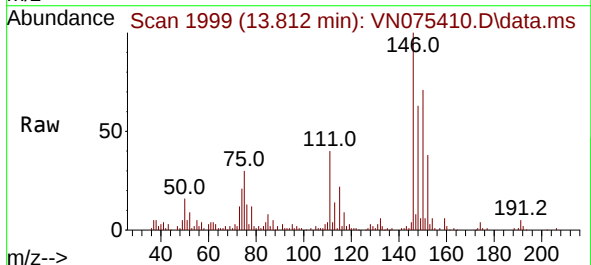
Manual Integrations
APPROVED

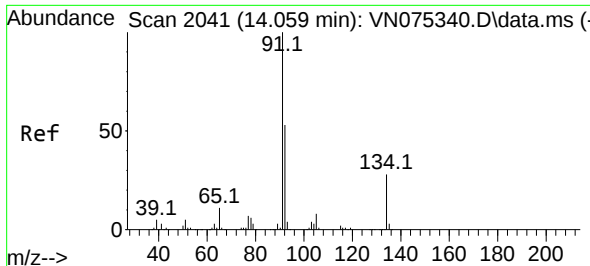
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#88
1,4-Dichlorobenzene
Concen: 19.069 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

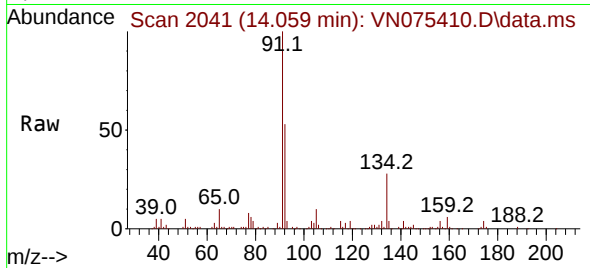
Tgt Ion:146 Resp: 83225
Ion Ratio Lower Upper
146 100
111 40.1 20.1 60.3
148 65.2 31.9 95.7





#89
n-Butylbenzene
Concen: 20.907 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

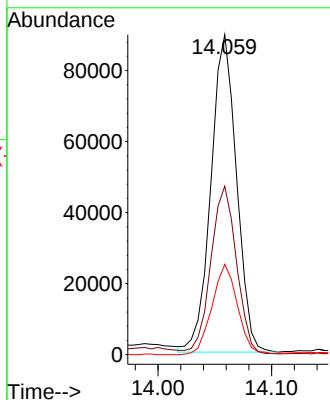
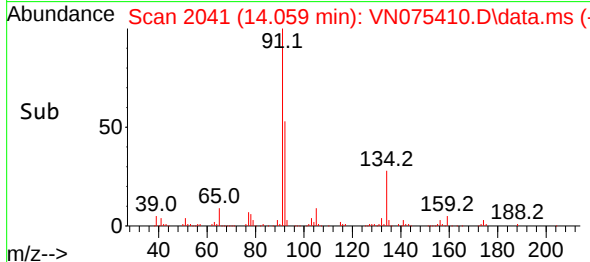
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02



Tgt Ion: 91 Resp: 140258
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.4
134 28.5 13.0 39.0

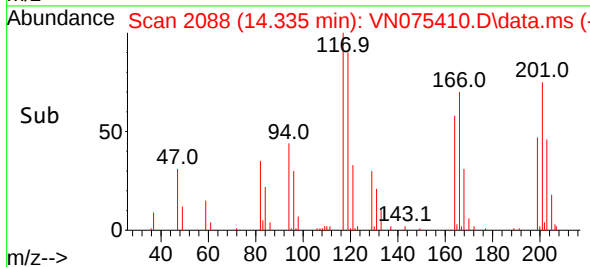
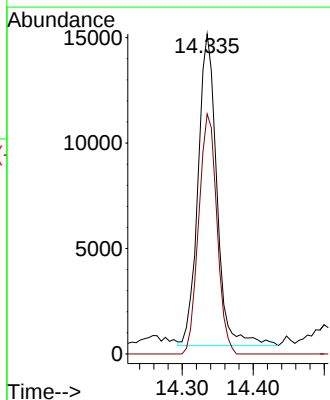
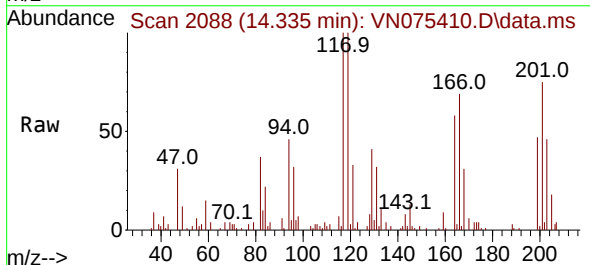
Manual Integrations
APPROVED

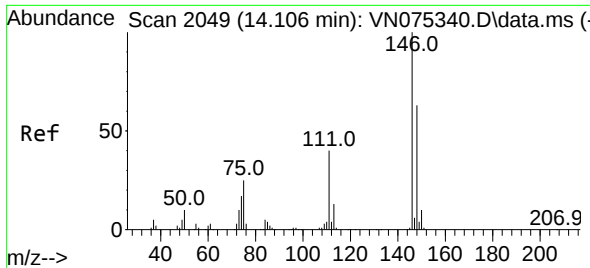
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#90
Hexachloroethane
Concen: 19.968 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

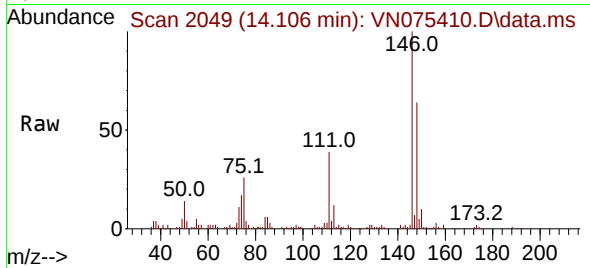
Tgt Ion:117 Resp: 27362
Ion Ratio Lower Upper
117 100
201 74.1 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 20.544 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

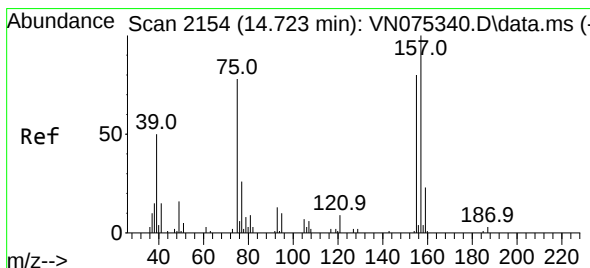
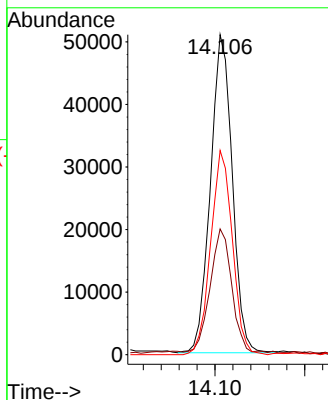
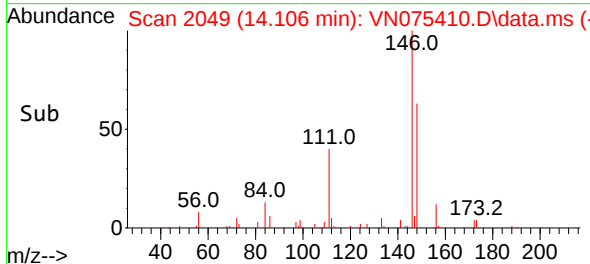
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02



Tgt Ion:146 Resp: 86039
Ion Ratio Lower Upper
146 100
111 38.8 21.3 63.9
148 63.8 31.4 94.2

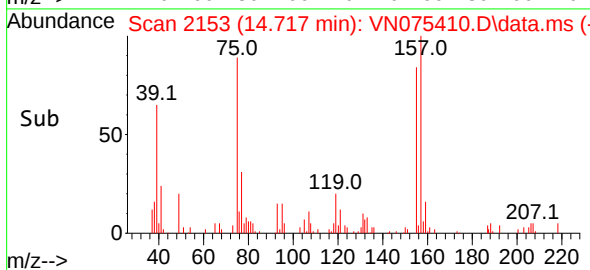
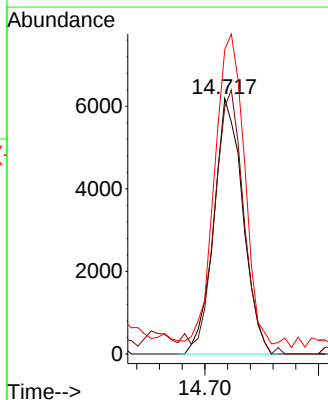
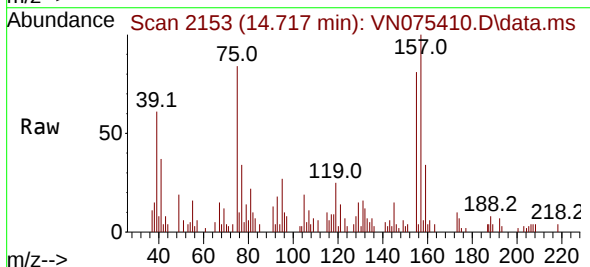
Manual Integrations
APPROVED

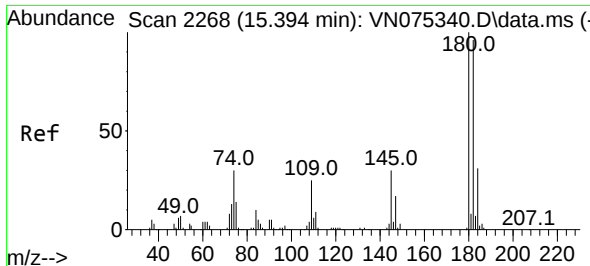
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.755 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

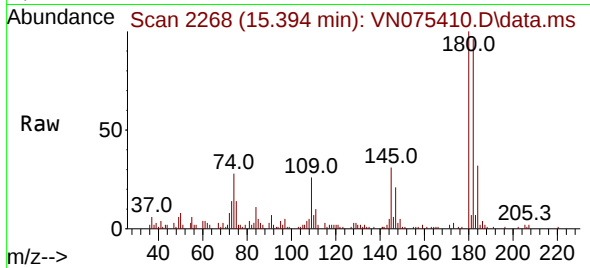
Tgt Ion: 75 Resp: 11010
Ion Ratio Lower Upper
75 100
155 102.0 42.1 126.3
157 121.4 51.7 155.1





#93
1,2,4-Trichlorobenzene
Concen: 22.048 ug/l
RT: 15.394 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46

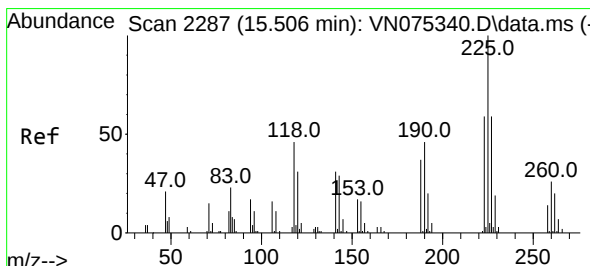
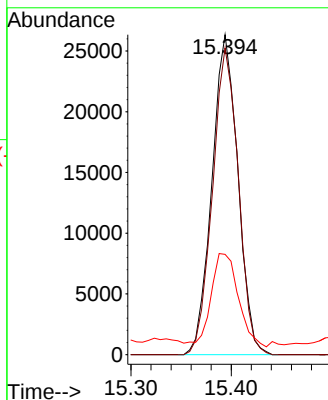
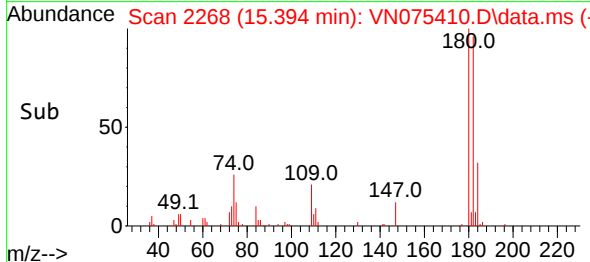
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBSD02



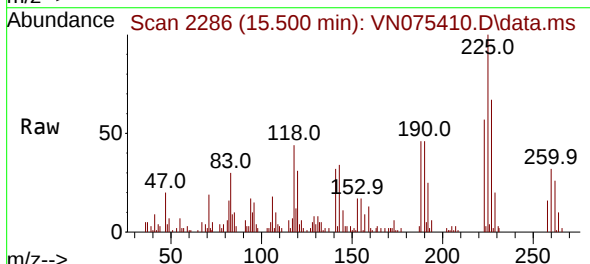
Tgt Ion:180 Resp: 47320
Ion Ratio Lower Upper
180 100
182 95.3 47.8 143.4
145 30.9 16.8 50.3

Manual Integrations
APPROVED

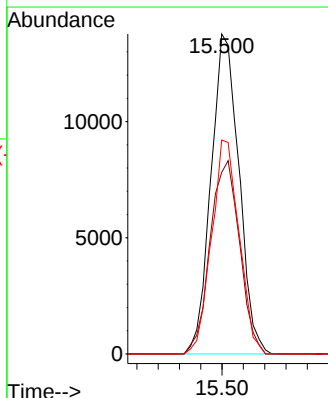
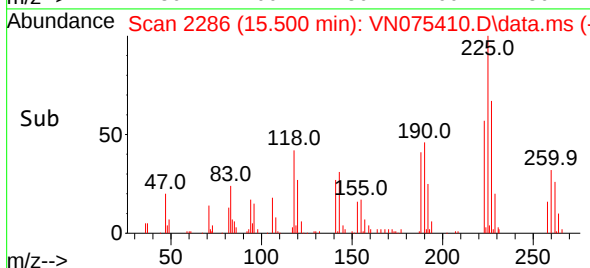
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

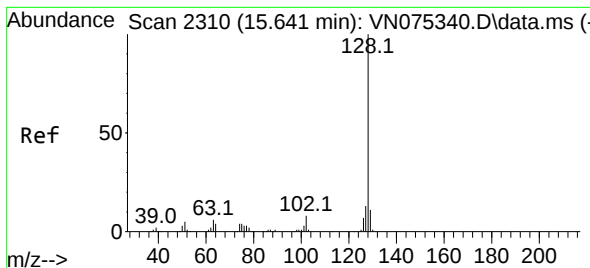


#94
Hexachlorobutadiene
Concen: 22.416 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VN075410.D
Acq: 23 Nov 2022 20:46



Tgt Ion:225 Resp: 25059
Ion Ratio Lower Upper
225 100
223 63.9 32.3 96.9
227 65.9 32.0 96.2





#95

Naphthalene

Concen: 22.711 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN075410.D

Acq: 23 Nov 2022 20:46

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBSD02

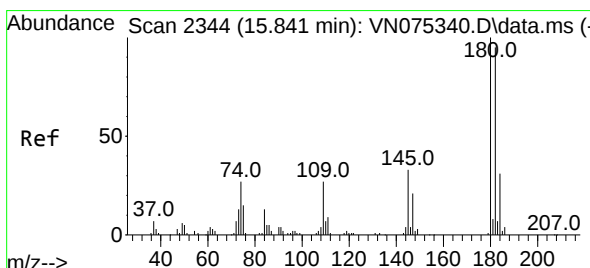
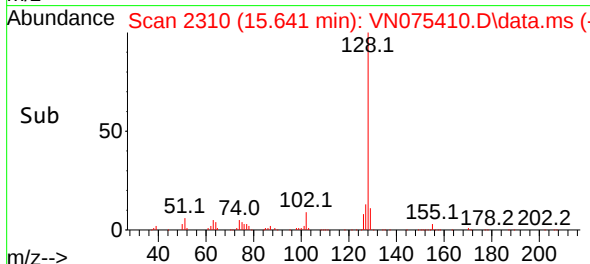
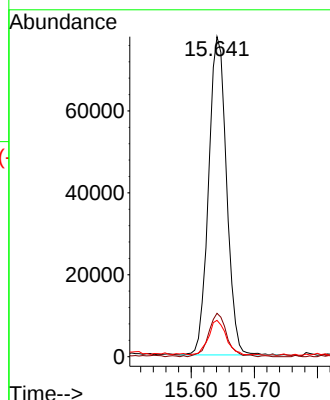
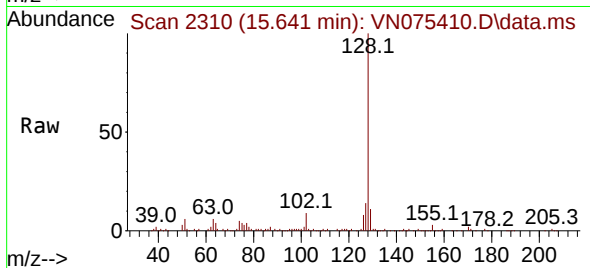
Tgt Ion:	128	Resp:	153339
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.4	15.6
129	10.4	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#96

1,2,3-Trichlorobenzene

Concen: 21.514 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN075410.D

Acq: 23 Nov 2022 20:46

Tgt Ion:	180	Resp:	45382
Ion Ratio	Lower	Upper	
180	100		
182	98.2	47.3	141.8
145	40.8	17.6	52.9

