

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042923\
 Data File : VN077515.D
 Acq On : 29 Apr 2023 13:39
 Operator : JC\MD
 Sample : VN0429WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/01/2023
 Supervised By : Mahesh Dadoda 05/01/2023

Quant Time: May 01 01:23:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.231	168	567849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1062405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	952112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	376979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	355352	47.957	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.920%		
35) Dibromofluoromethane	8.172	113	300965	47.133	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.260%		
50) Toluene-d8	10.572	98	1159991	47.399	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.800%		
62) 4-Bromofluorobenzene	12.854	95	386579	48.280	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	119281	16.663	ug/l	97
3) Chloromethane	2.372	50	92238	16.204	ug/l	90
4) Vinyl Chloride	2.525	62	127592	16.827	ug/l	95
5) Bromomethane	2.955	94	113549	17.287	ug/l	98
6) Chloroethane	3.125	64	92057	15.980	ug/l	100
7) Trichlorofluoromethane	3.507	101	200583	17.997	ug/l	94
8) Diethyl Ether	3.966	74	73748	18.210	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.384	101	113013	17.436	ug/l	97
10) Methyl Iodide	4.596	142	133589	16.776	ug/l	98
11) Tert butyl alcohol	5.531	59	92206	77.515	ug/l #	93
12) 1,1-Dichloroethene	4.349	96	105992	16.726	ug/l	95
13) Acrolein	4.190	56	96487	81.538	ug/l	99
14) Allyl chloride	5.031	41	124351	17.650	ug/l	98
15) Acrylonitrile	5.725	53	239159	88.626	ug/l	98
16) Acetone	4.437	43	204480	86.741	ug/l	100
17) Carbon Disulfide	4.719	76	251656	15.628	ug/l	98
18) Methyl Acetate	5.031	43	157018	17.248	ug/l	96
19) Methyl tert-butyl Ether	5.801	73	392093	18.605	ug/l	97
20) Methylene Chloride	5.284	84	130044	17.395	ug/l	96
21) trans-1,2-Dichloroethene	5.796	96	117228	17.108	ug/l	91
22) Diisopropyl ether	6.678	45	292442	18.086	ug/l	97
23) Vinyl Acetate	6.613	43	863723	85.531	ug/l	98
24) 1,1-Dichloroethane	6.572	63	207670	18.144	ug/l	95
25) 2-Butanone	7.490	43	286304	85.630	ug/l	99
26) 2,2-Dichloropropane	7.495	77	197596	17.804	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	143920	17.734	ug/l	98
28) Bromochloromethane	7.819	49	80189	18.346	ug/l	97
29) Tetrahydrofuran	7.848	42	183277	87.488	ug/l	98
30) Chloroform	7.972	83	237345	18.400	ug/l	96
31) Cyclohexane	8.260	56	171474	16.336	ug/l	94
32) 1,1,1-Trichloroethane	8.172	97	216358	18.244	ug/l	99
36) 1,1-Dichloropropene	8.372	75	166068	18.001	ug/l	99
37) Ethyl Acetate	7.566	43	111419	15.894	ug/l	97
38) Carbon Tetrachloride	8.366	117	184400	18.117	ug/l	96
39) Methylcyclohexane	9.601	83	212463	17.480	ug/l	96
40) Benzene	8.613	78	509952	18.145	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	63118	17.287	ug/l	97
42) 1,2-Dichloroethane	8.672	62	177418	18.380	ug/l	99
43) Isopropyl Acetate	8.690	43	211454	17.436	ug/l	98
44) Trichloroethene	9.360	130	128721	17.889	ug/l	97
45) 1,2-Dichloropropane	9.619	63	120740	18.341	ug/l	96
46) Dibromomethane	9.713	93	96128	17.996	ug/l	97
47) Bromodichloromethane	9.889	83	191179	18.503	ug/l #	98
48) Methyl methacrylate	9.684	41	95244	17.253	ug/l	98
49) 1,4-Dioxane	9.701	88	46351	334.741	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	619244	87.054	ug/l	99
52) Toluene	10.631	92	342698	18.614	ug/l	99
53) t-1,3-Dichloropropene	10.842	75	196435	18.775	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	207121	18.187	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	140423	18.967	ug/l	96
56) Ethyl methacrylate	10.878	69	185969	17.927	ug/l	96
57) 1,3-Dichloropropane	11.166	76	224691	19.053	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.166	63	308791	88.004	ug/l	99
59) 2-Hexanone	11.195	43	446817	86.415	ug/l	100
60) Dibromochloromethane	11.360	129	141616	18.431	ug/l	99
61) 1,2-Dibromoethane	11.472	107	140375	18.572	ug/l	100
64) Tetrachloroethene	11.101	164	107691	18.895	ug/l	92
65) Chlorobenzene	11.895	112	369410	18.335	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.960	131	133992	18.279	ug/l	98
67) Ethyl Benzene	11.966	91	658690	18.572	ug/l	97
68) m/p-Xylenes	12.078	106	502784	36.475	ug/l	98
69) o-Xylene	12.401	106	253160	18.672	ug/l	99
70) Styrene	12.413	104	401747	18.947	ug/l	99
71) Bromoform	12.578	173	87228	18.189	ug/l #	99
73) Isopropylbenzene	12.701	105	652511	18.653	ug/l	100
74) N-amyl acetate	12.495	43	170110	16.425	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	190915	17.369	ug/l	96
76) 1,2,3-Trichloropropane	12.995	75	159973m	18.249	ug/l	
77) Bromobenzene	12.983	156	137087	17.981	ug/l	98
78) n-propylbenzene	13.036	91	718013	18.563	ug/l	99
79) 2-Chlorotoluene	13.130	91	434723	18.229	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	490121	18.866	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	50796	16.370	ug/l	92
82) 4-Chlorotoluene	13.225	91	412517	18.511	ug/l	100
83) tert-Butylbenzene	13.442	119	454277	18.006	ug/l	98
84) 1,2,4-Trimethylbenzene	13.489	105	441936	18.215	ug/l	98
85) sec-Butylbenzene	13.619	105	631431	18.234	ug/l	100
86) p-Isopropyltoluene	13.736	119	489120	18.358	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	243559	17.963	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	239588	17.896	ug/l	97
89) n-Butylbenzene	14.060	91	363102	17.610	ug/l	99
90) Hexachloroethane	14.336	117	98302	16.700	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	244654	18.193	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.719	75	31832	15.661	ug/l	99
93) 1,2,4-Trichlorobenzene	15.395	180	49499	16.065	ug/l	92
94) Hexachlorobutadiene	15.501	225	51762	19.048	ug/l	96
95) Naphthalene	15.642	128	179946	15.990	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	47456	16.317	ug/l	95

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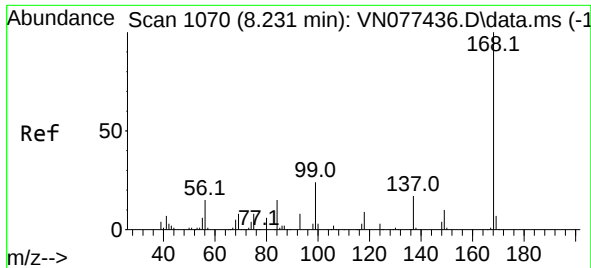
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

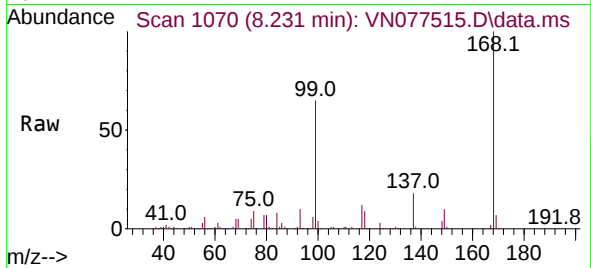
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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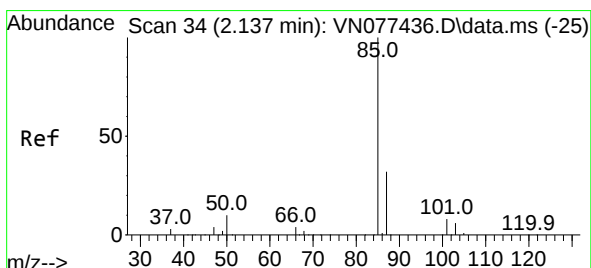
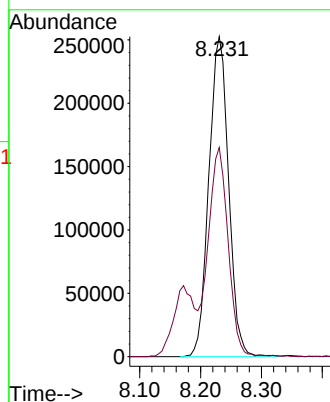
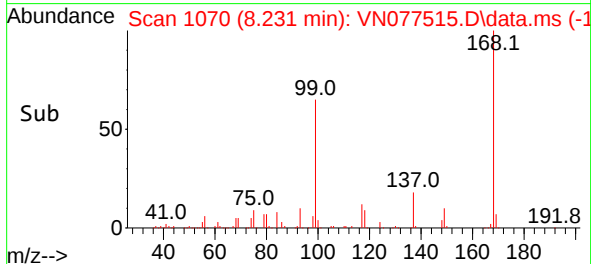
Instrument :
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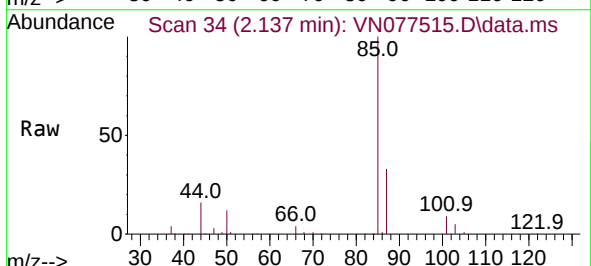
Tgt Ion:168 Resp: 567849
Ion Ratio Lower Upper
168 100
99 65.1 53.0 79.6

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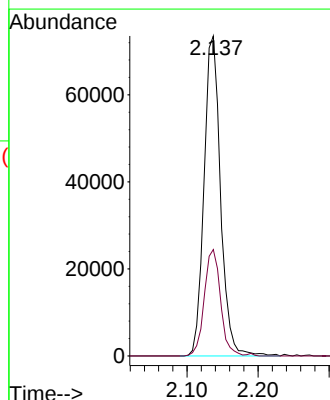
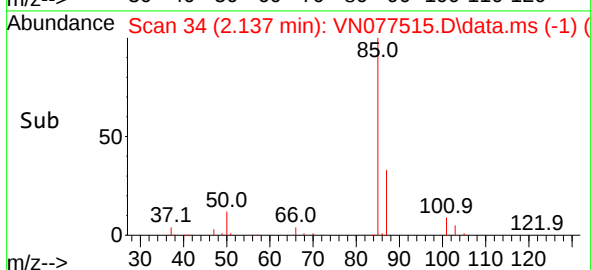
Reviewed By :John Carlone 05/01/2023
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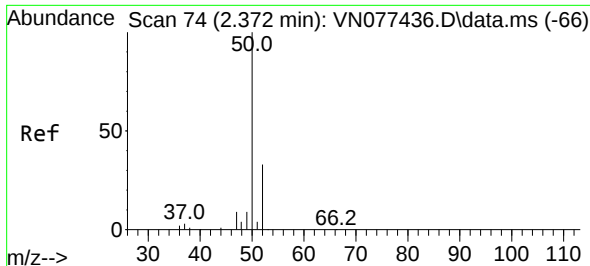


#2
Dichlorodifluoromethane
Concen: 16.663 ug/l
RT: 2.137 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39



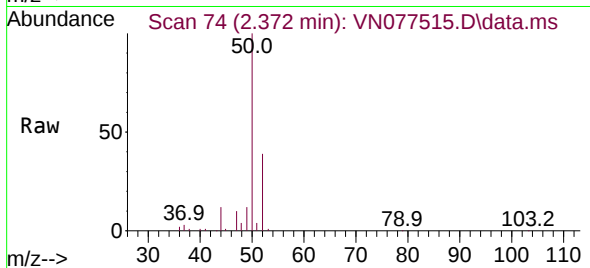
Tgt Ion: 85 Resp: 119281
Ion Ratio Lower Upper
85 100
87 33.2 15.8 47.4





#3
Chloromethane
Concen: 16.204 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

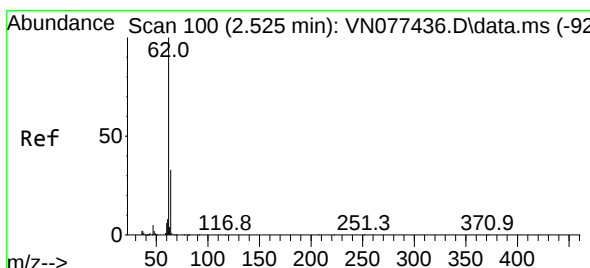
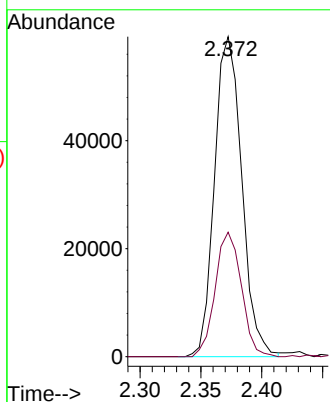
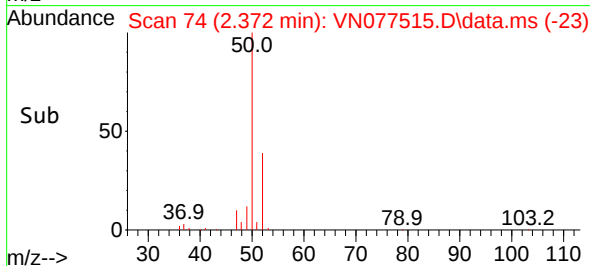
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Tgt Ion: 50 Resp: 92238
Ion Ratio Lower Upper
50 100
52 38.9 26.5 39.7

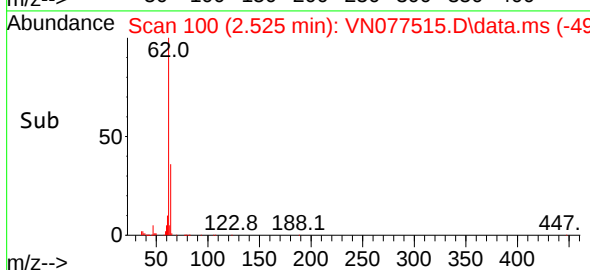
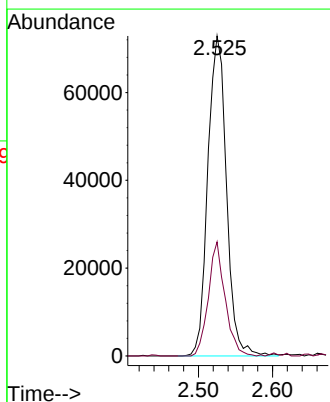
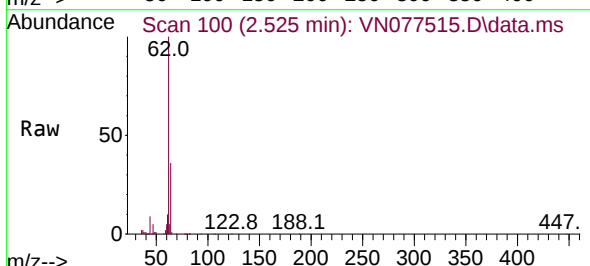
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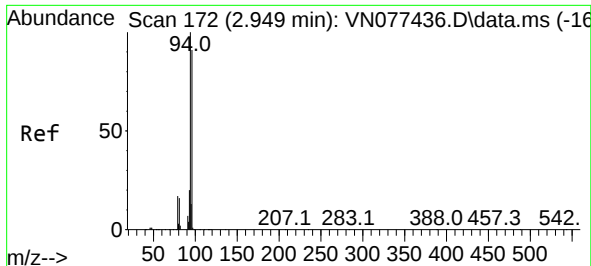
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#4
Vinyl Chloride
Concen: 16.827 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

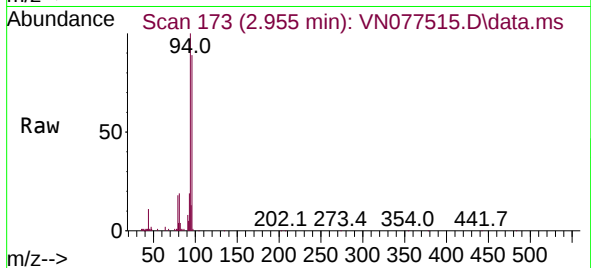
Tgt Ion: 62 Resp: 127592
Ion Ratio Lower Upper
62 100
64 35.6 26.2 39.2





#5
Bromomethane
Concen: 17.287 ug/l
RT: 2.955 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

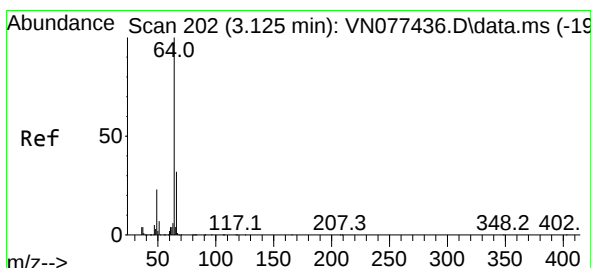
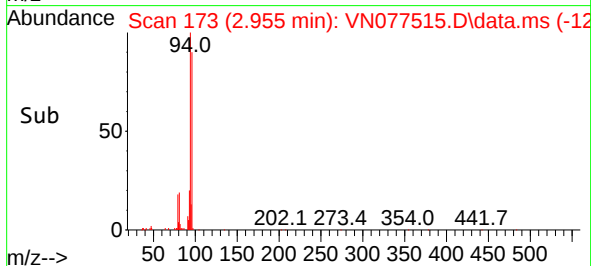
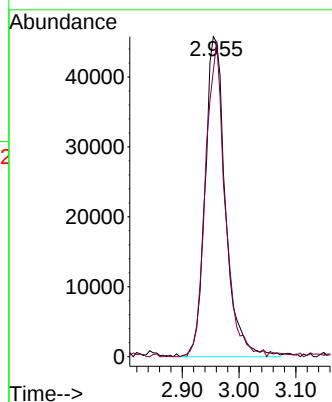
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Tgt Ion: 94 Resp: 113549
Ion Ratio Lower Upper
94 100
96 89.3 73.1 109.7

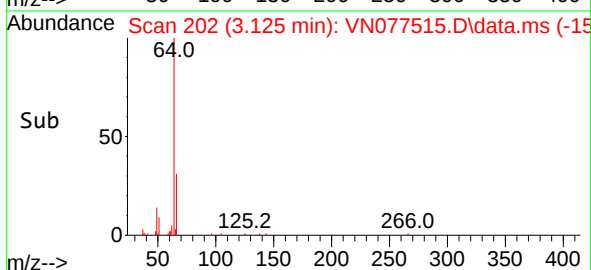
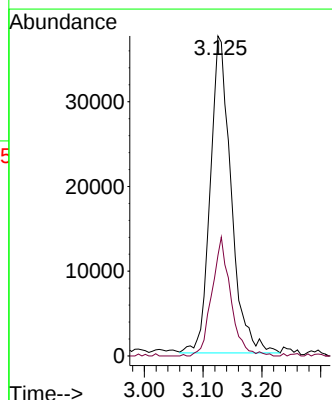
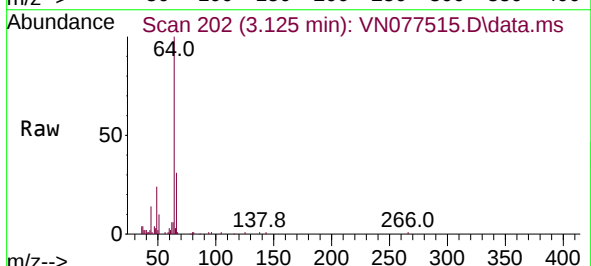
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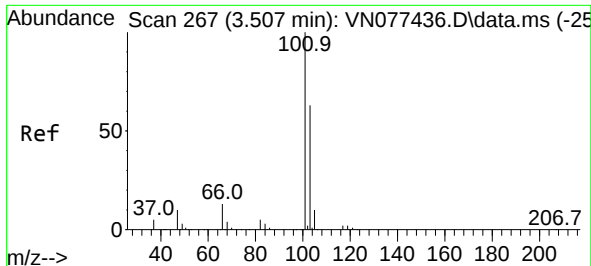
Reviewed By :John Carlone 05/01/2023
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#6
Chloroethane
Concen: 15.980 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN077515.D
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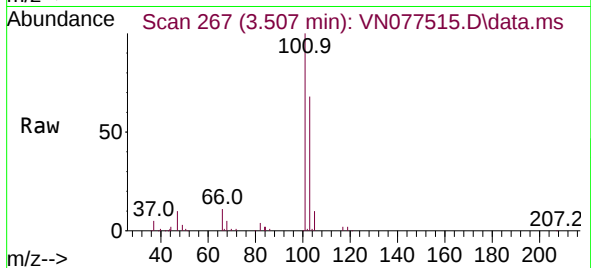
Tgt Ion: 64 Resp: 92057
Ion Ratio Lower Upper
64 100
66 31.8 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 17.997 ug/l
 RT: 3.507 min Scan# 20058
 Delta R.T. 0.000 min
 Lab File: VN077515.D
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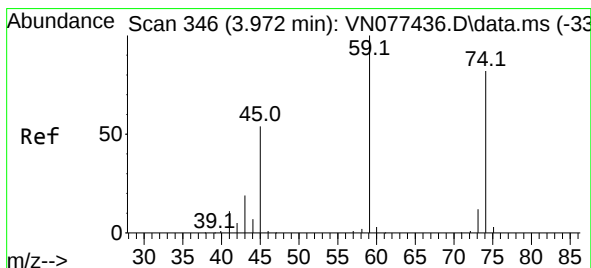
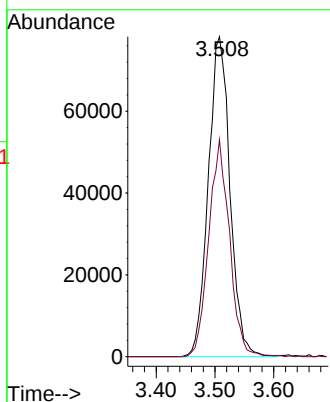
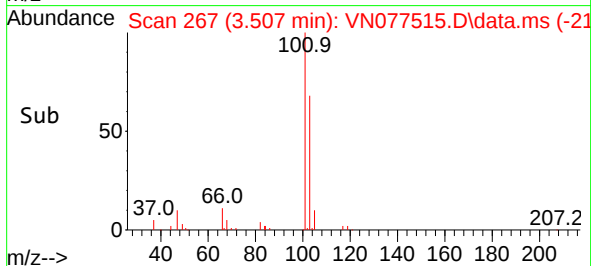
Instrument :
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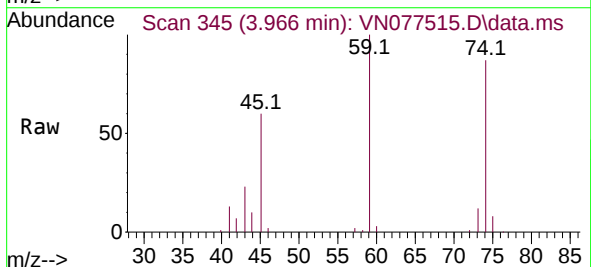
Tgt Ion:101 Resp: 20058
 Ion Ratio Lower Upper
 101 100
 103 67.9 50.7 76.1

Manual Integrations
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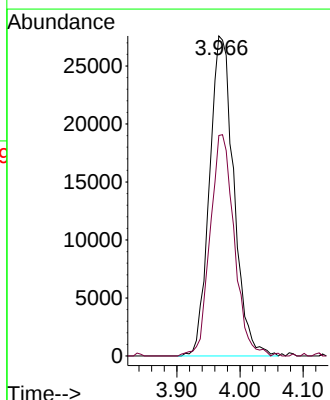
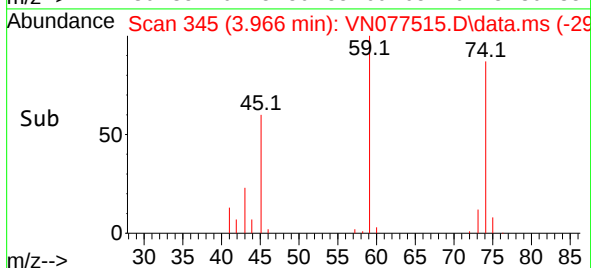
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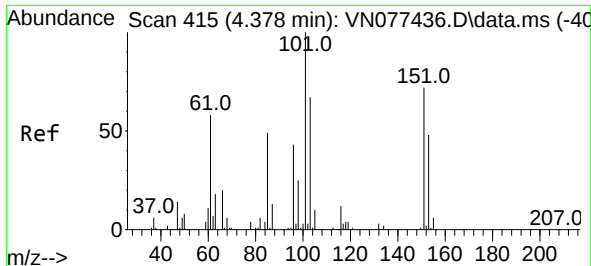


#8
 Diethyl Ether
 Concen: 18.210 ug/l
 RT: 3.966 min Scan# 345
 Delta R.T. -0.006 min
 Lab File: VN077515.D
 Acq: 29 Apr 2023 13:39



Tgt Ion: 74 Resp: 73748
 Ion Ratio Lower Upper
 74 100
 45 68.5 34.4 103.3





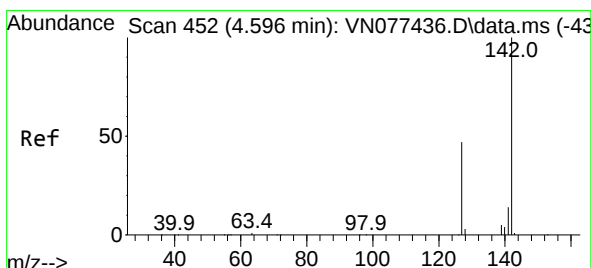
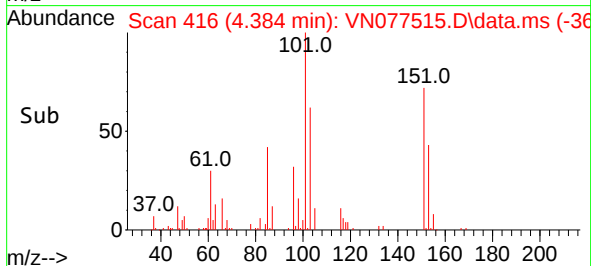
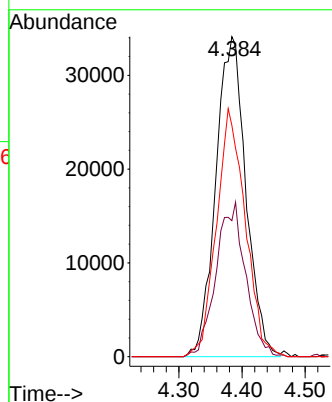
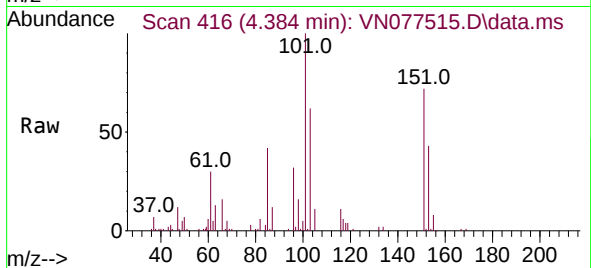
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.436 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tgt Ion:101 Resp: 11301
Ion Ratio Lower Upper
101 100
85 47.3 36.6 55.0
151 74.3 57.6 86.4

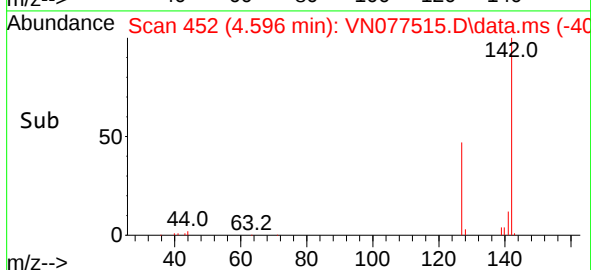
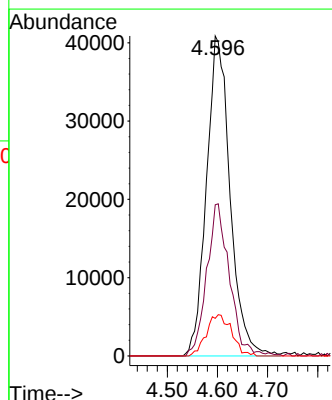
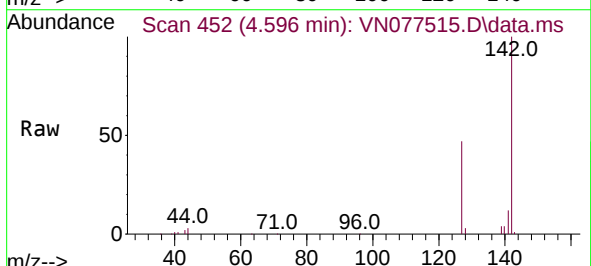
Manual Integrations
APPROVED

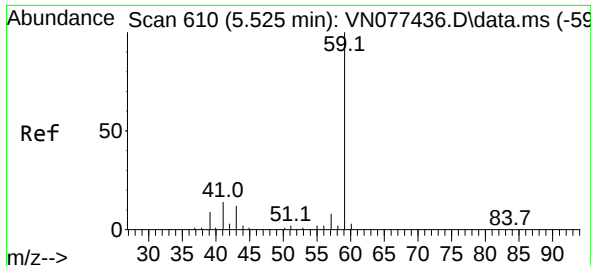
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#10
Methyl Iodide
Concen: 16.776 ug/l
RT: 4.596 min Scan# 452
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

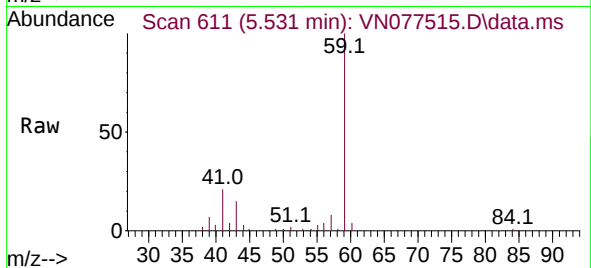
Tgt Ion:142 Resp: 133589
Ion Ratio Lower Upper
142 100
127 47.3 37.6 56.4
141 11.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 77.515 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

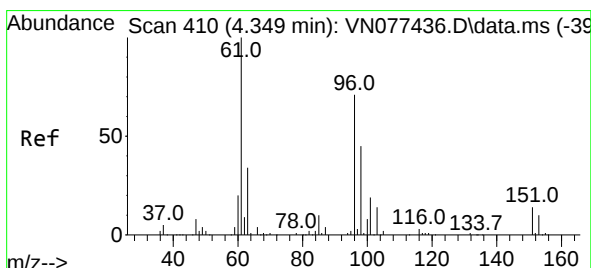
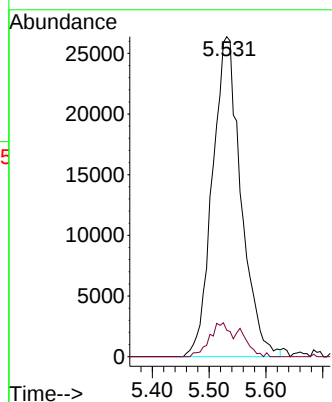
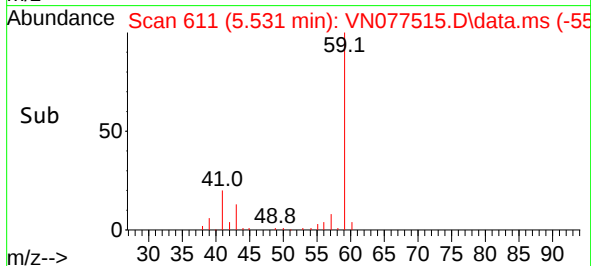
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01



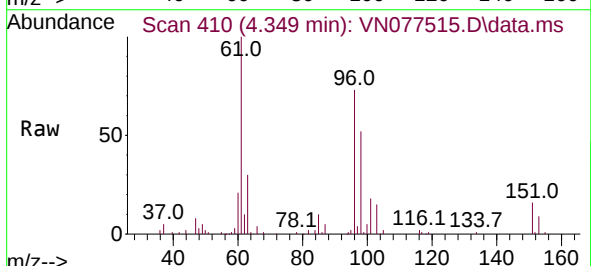
Tgt Ion: 59 Resp: 92200
Ion Ratio Lower Upper
59 100
57 7.7 8.2 12.4

Manual Integrations
APPROVED

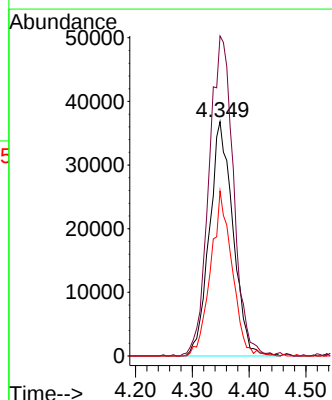
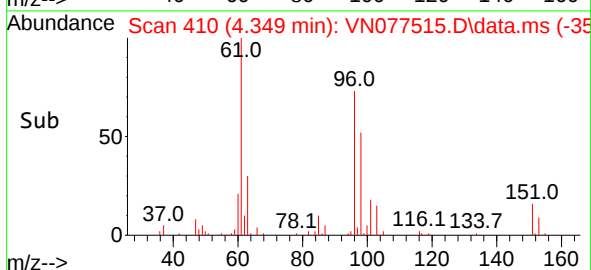
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

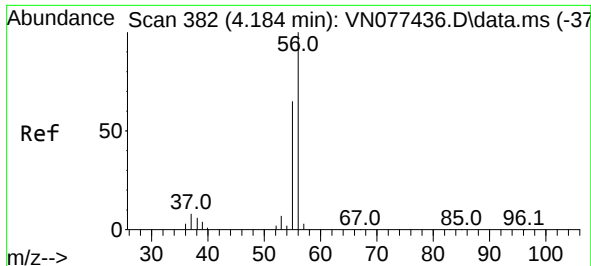


#12
1,1-Dichloroethene
Concen: 16.726 ug/l
RT: 4.349 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39



Tgt Ion: 96 Resp: 105992
Ion Ratio Lower Upper
96 100
61 136.6 112.7 169.1
98 70.4 51.2 76.8





#13

Acrolein

Concen: 81.538 ug/l

RT: 4.190 min Scan# 383

Delta R.T. 0.006 min

Lab File: VN077515.D

Acq: 29 Apr 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01

Tgt Ion: 56 Resp: 9648

Ion Ratio Lower Upper

56 100

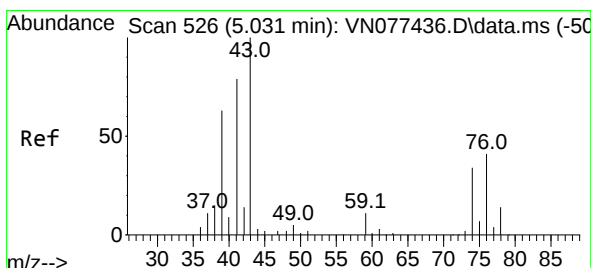
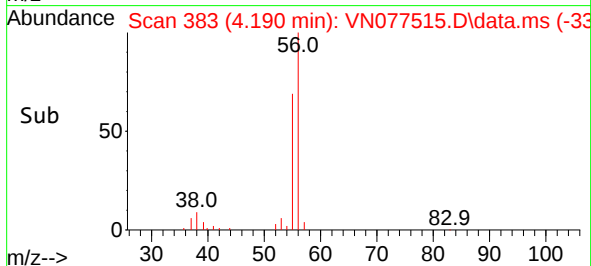
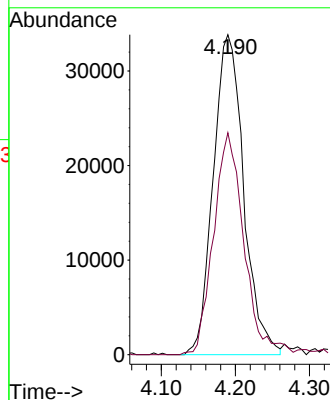
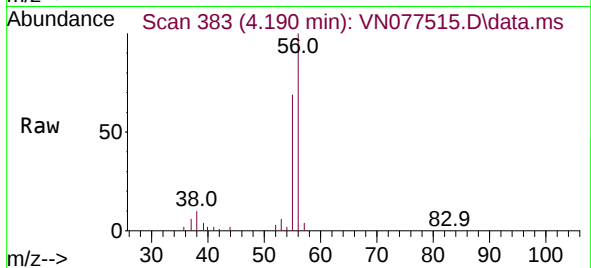
55 69.2 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#14

Allyl chloride

Concen: 17.650 ug/l

RT: 5.031 min Scan# 526

Delta R.T. 0.000 min

Lab File: VN077515.D

Acq: 29 Apr 2023 13:39

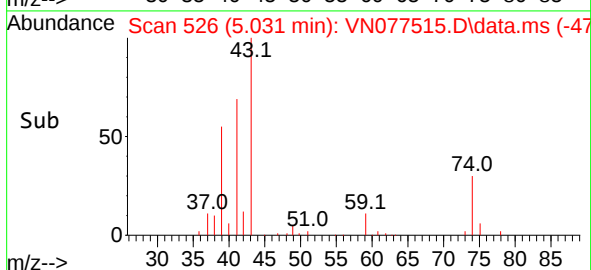
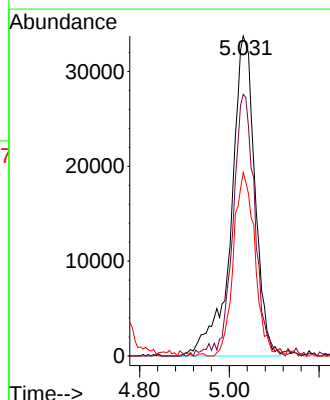
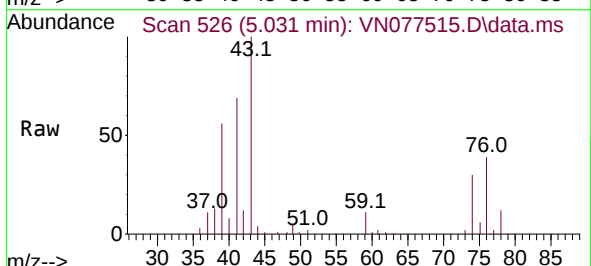
Tgt Ion: 41 Resp: 124351

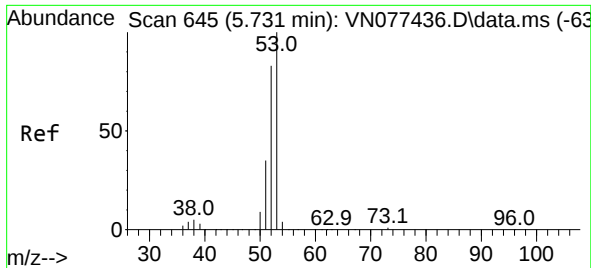
Ion Ratio Lower Upper

41 100

39 74.3 58.8 88.2

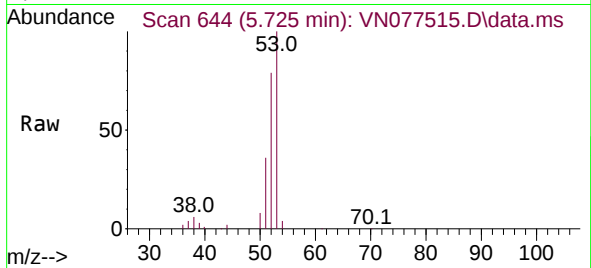
76 51.5 39.1 58.7





#15
Acrylonitrile
Concen: 88.626 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

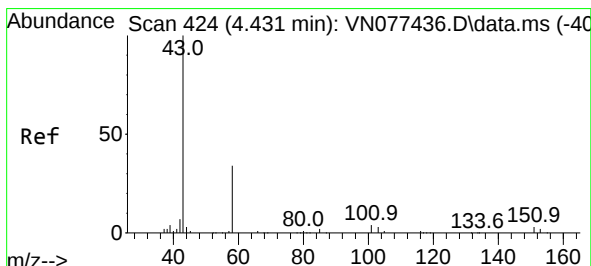
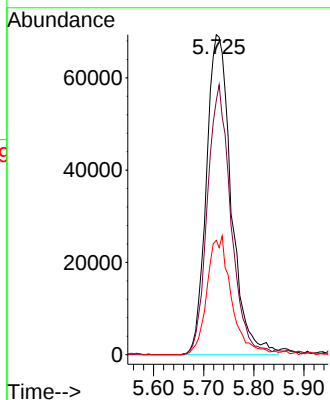
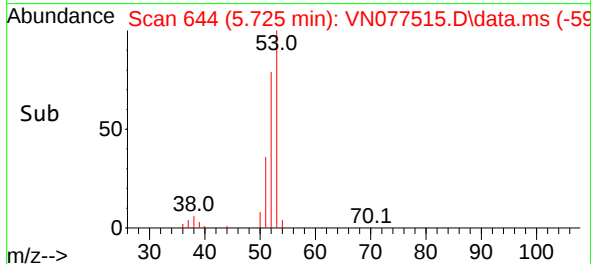
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01



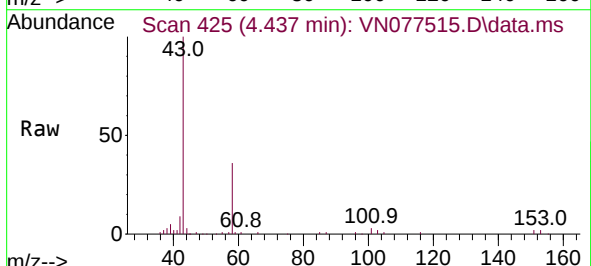
Tgt Ion: 53 Resp: 239159
Ion Ratio Lower Upper
53 100
52 79.8 65.3 97.9
51 36.4 28.9 43.3

Manual Integrations
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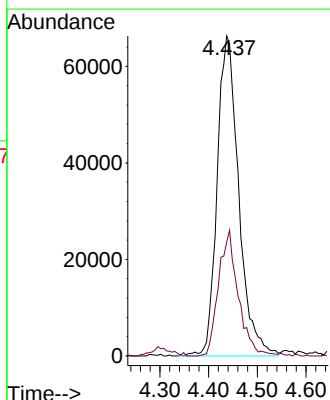
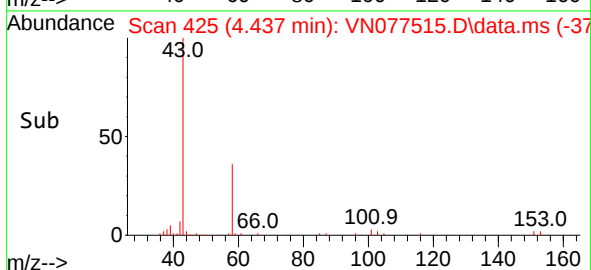
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

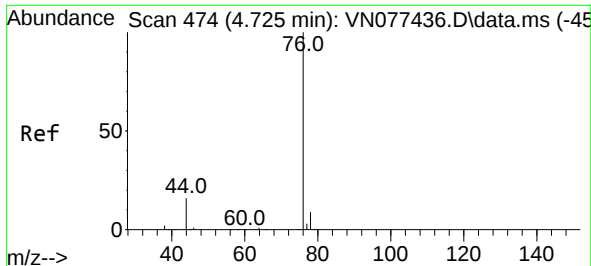


#16
Acetone
Concen: 86.741 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39



Tgt Ion: 43 Resp: 204480
Ion Ratio Lower Upper
43 100
58 35.0 28.0 42.0





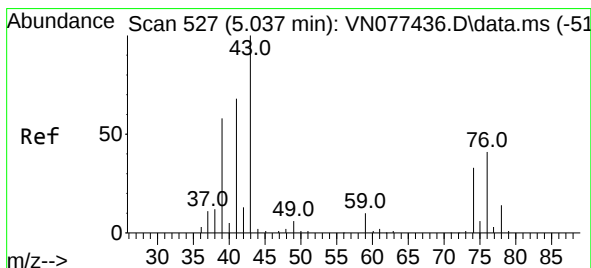
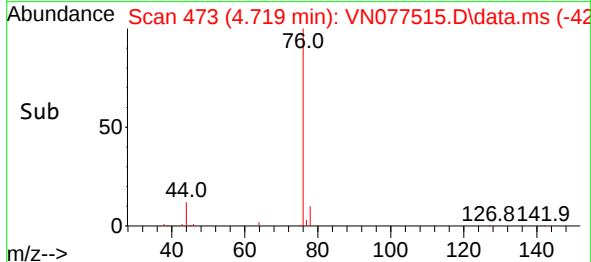
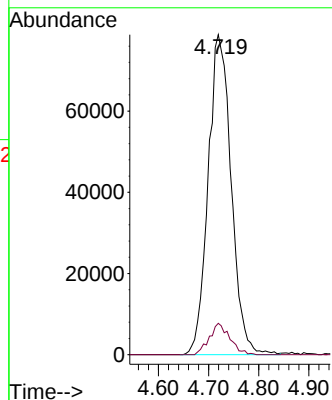
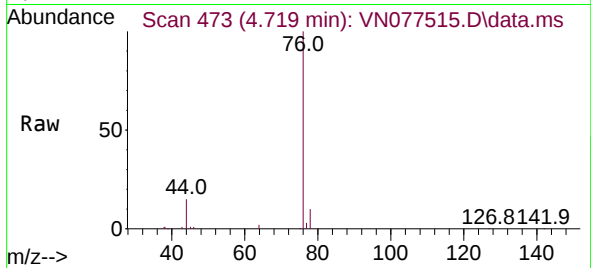
#17
Carbon Disulfide
Concen: 15.628 ug/l
RT: 4.719 min Scan# 474
Delta R.T. -0.006 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tgt Ion: 76 Resp: 251650
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0

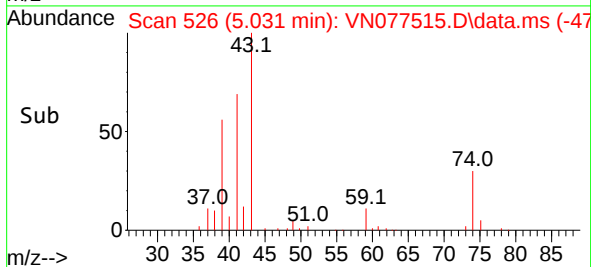
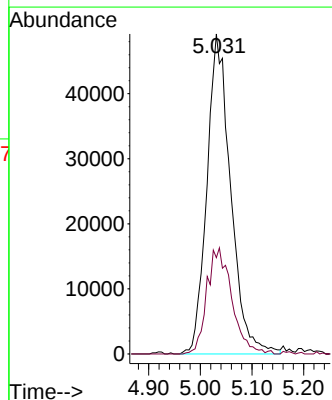
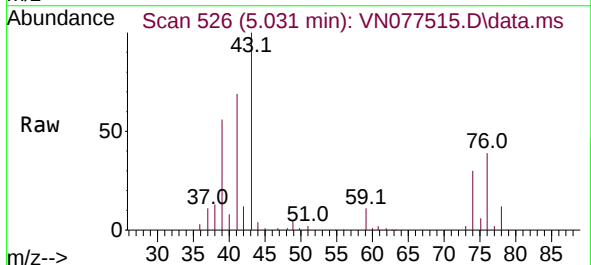
Manual Integrations
APPROVED

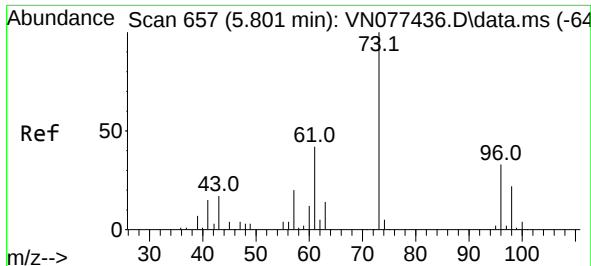
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#18
Methyl Acetate
Concen: 17.248 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

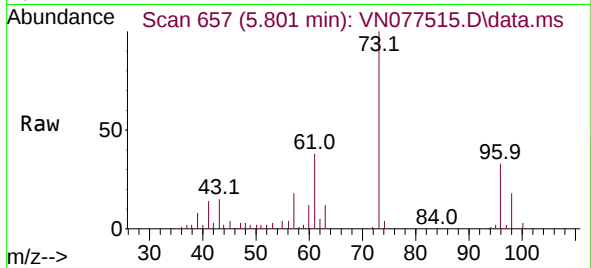
Tgt Ion: 43 Resp: 157018
Ion Ratio Lower Upper
43 100
74 34.9 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 18.605 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

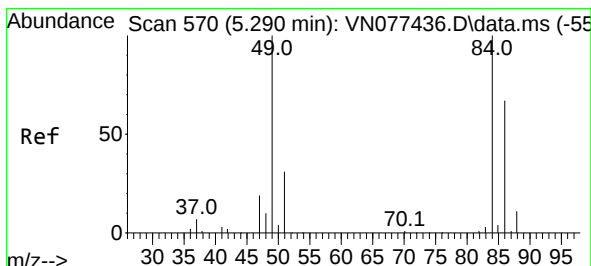
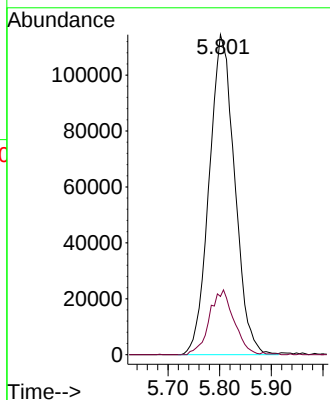
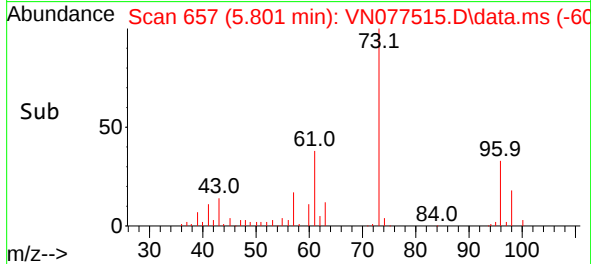
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01



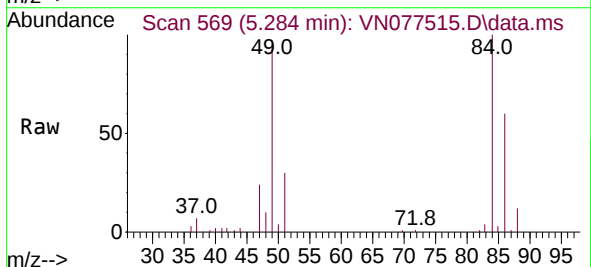
Tgt Ion: 73 Resp: 39209
Ion Ratio Lower Upper
73 100
57 18.2 15.6 23.4

Manual Integrations
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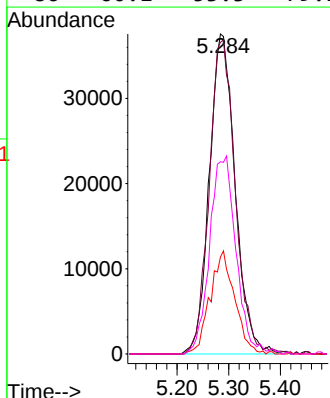
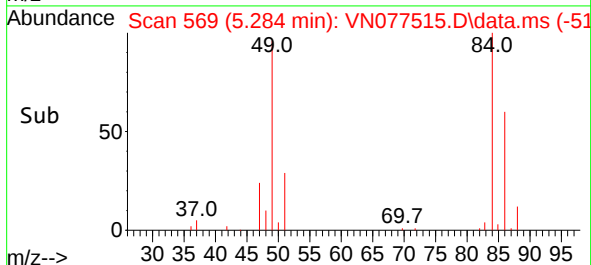
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

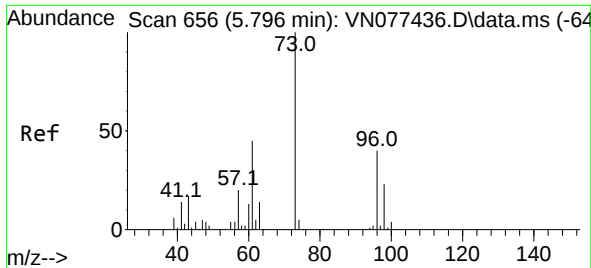


#20
Methylene Chloride
Concen: 17.395 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39



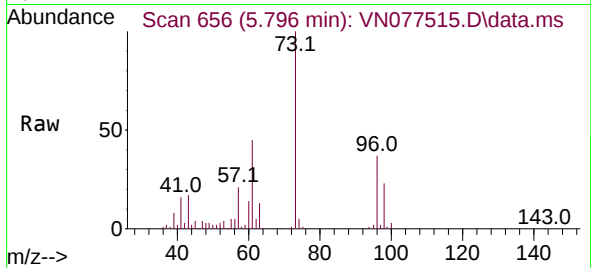
Tgt Ion: 84 Resp: 130044
Ion Ratio Lower Upper
84 100
49 97.4 79.7 119.5
51 30.3 25.2 37.8
86 60.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 17.108 ug/l
RT: 5.796 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

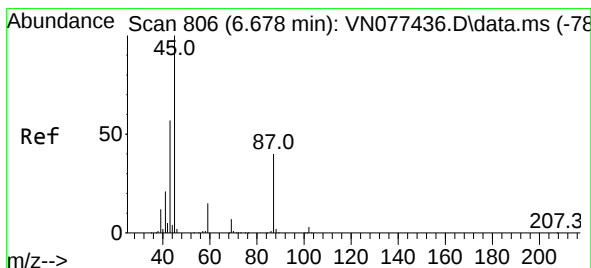
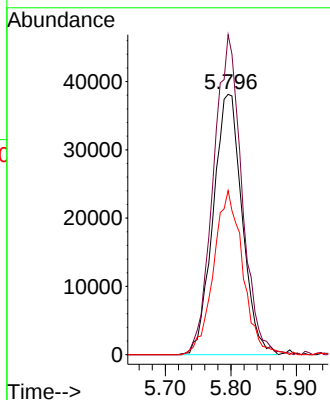
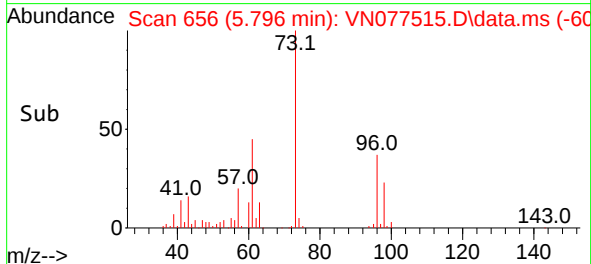
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01



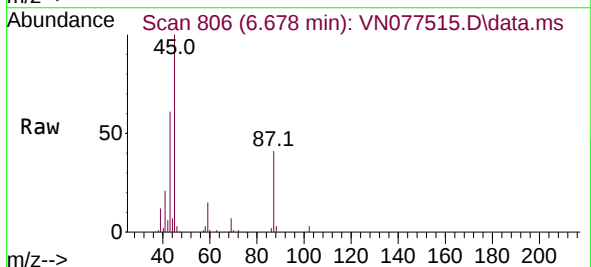
Tgt Ion: 96 Resp: 117228
Ion Ratio Lower Upper
96 100
61 122.9 90.1 135.1
98 63.0 46.4 69.6

Manual Integrations
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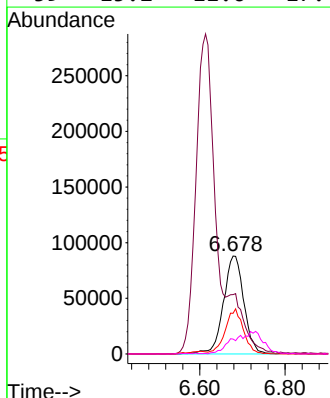
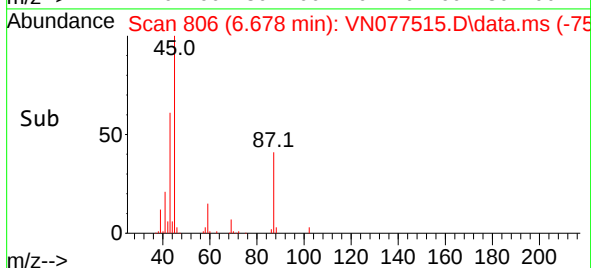
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

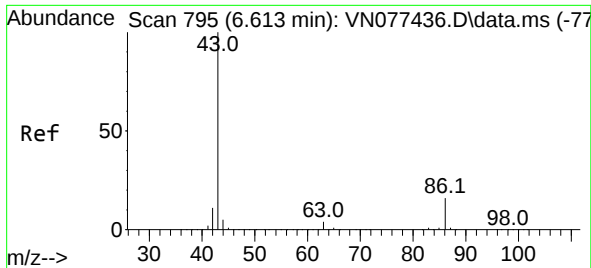


#22
Diisopropyl ether
Concen: 18.086 ug/l
RT: 6.678 min Scan# 806
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39



Tgt Ion: 45 Resp: 292442
Ion Ratio Lower Upper
45 100
43 59.5 45.5 68.3
87 41.3 31.8 47.8
59 15.2 11.6 17.4





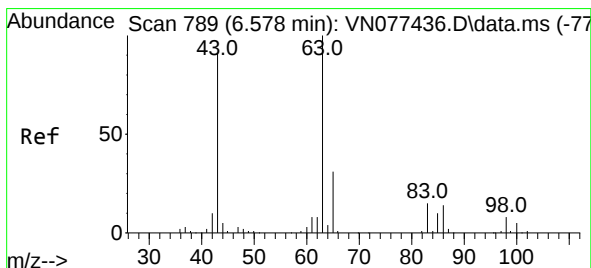
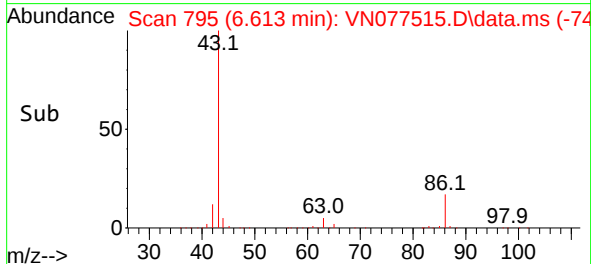
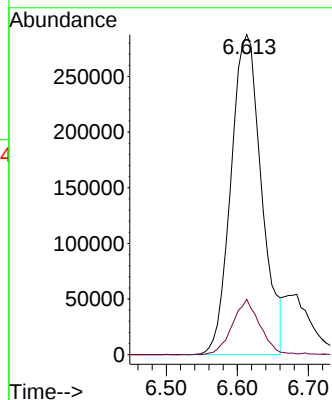
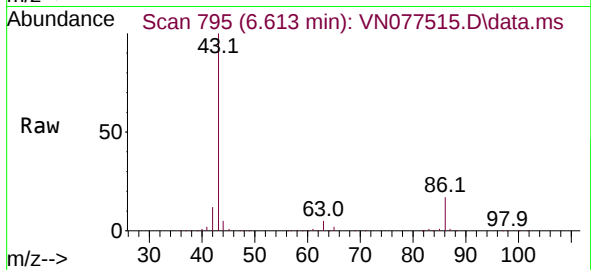
#23
 Vinyl Acetate
 Concen: 85.531 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077515.D
 Acq: 29 Apr 2023 13:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBSD01

Tgt Ion: 43 Resp: 86372
 Ion Ratio Lower Upper
 43 100
 86 17.3 13.0 19.6

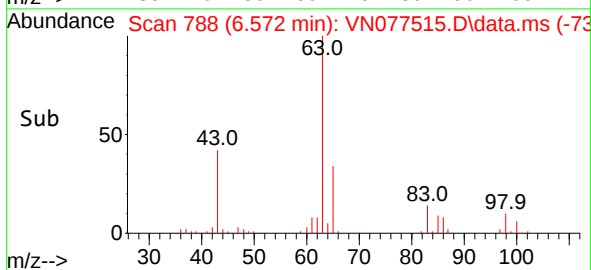
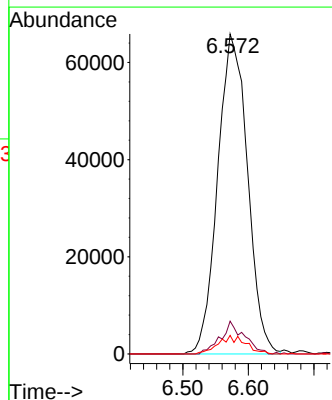
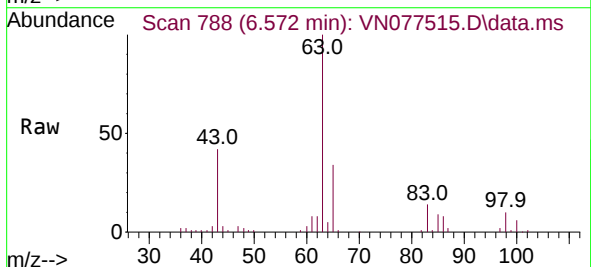
Manual Integrations
 APPROVED

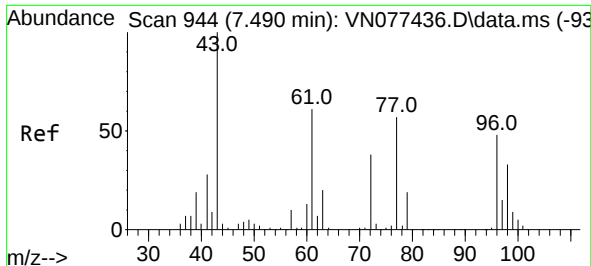
Reviewed By :John Carlone 05/01/2023
 Supervised By :Mahesh Dadoda 05/01/2023



#24
 1,1-Dichloroethane
 Concen: 18.144 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN077515.D
 Acq: 29 Apr 2023 13:39

Tgt Ion: 63 Resp: 207670
 Ion Ratio Lower Upper
 63 100
 98 10.3 3.9 11.7
 100 5.8 2.5 7.4





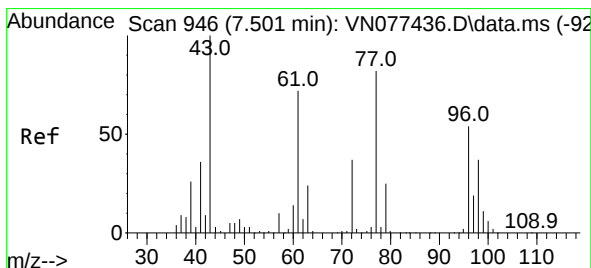
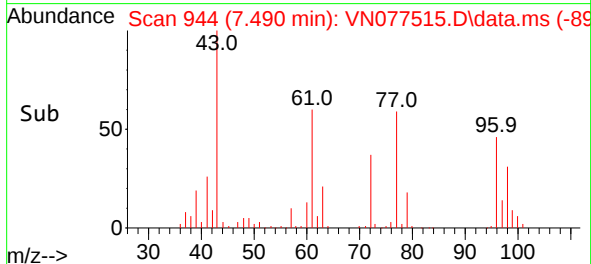
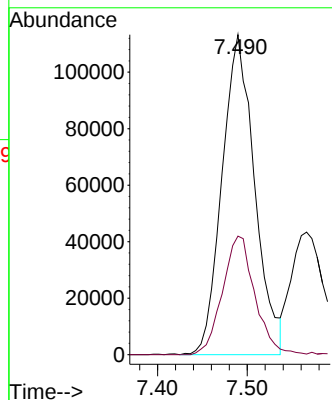
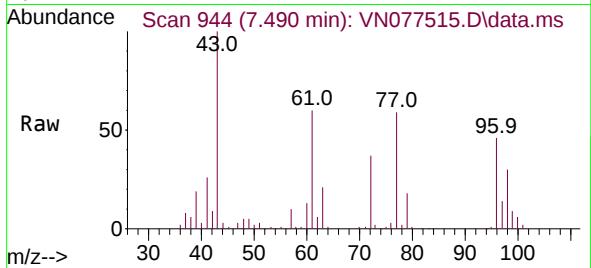
#25
2-Butanone
Concen: 85.630 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tgt Ion: 43 Resp: 286304
Ion Ratio Lower Upper
43 100
72 37.1 30.2 45.2

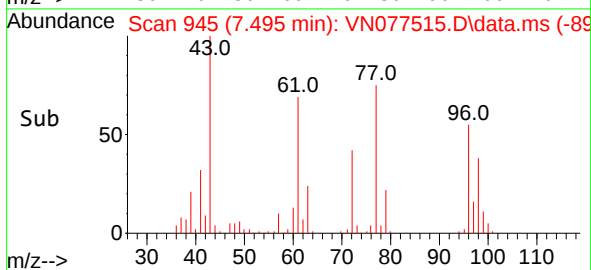
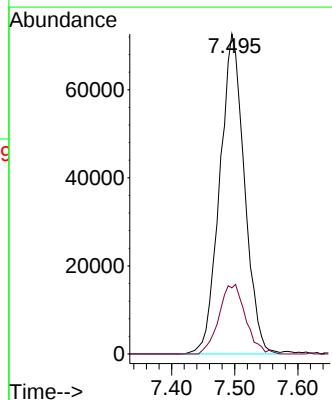
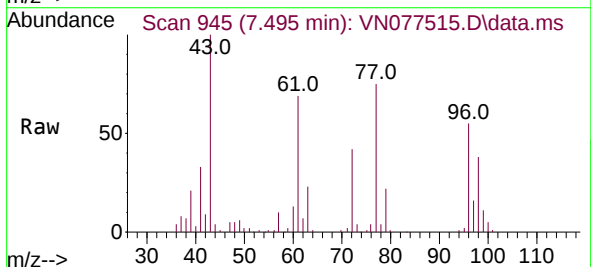
Manual Integrations
APPROVED

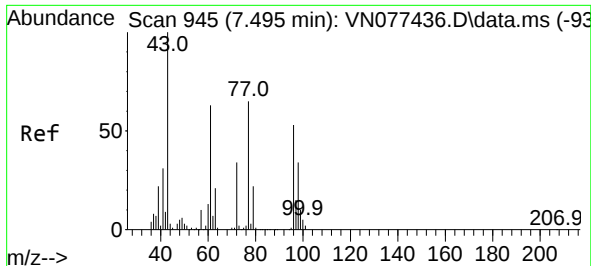
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#26
2,2-Dichloropropane
Concen: 17.804 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

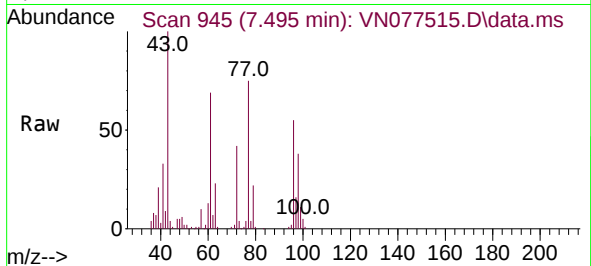
Tgt Ion: 77 Resp: 197596
Ion Ratio Lower Upper
77 100
97 23.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 17.734 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077515.D
 Acq: 29 Apr 2023 13:39

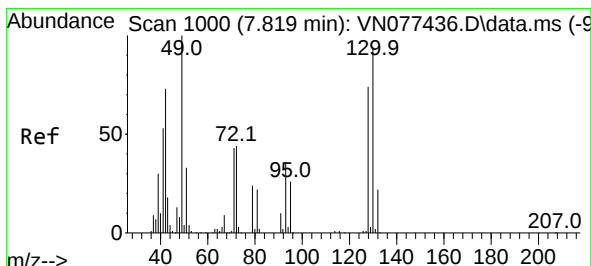
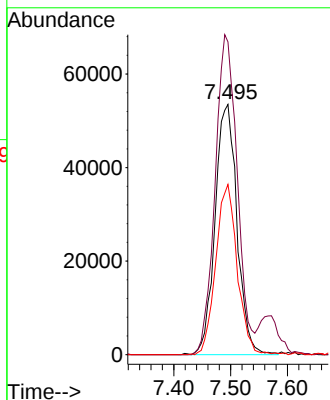
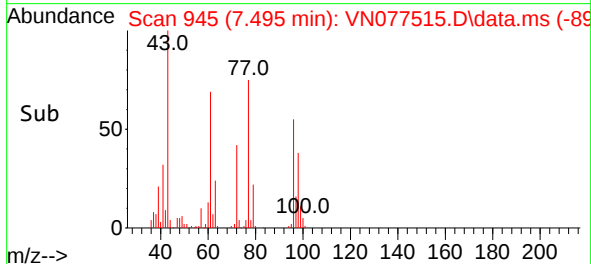
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBSD01



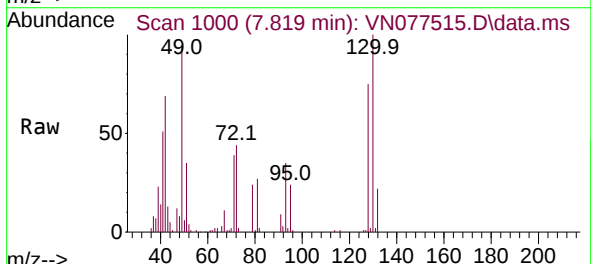
Tgt Ion: 96 Resp: 143920
 Ion Ratio Lower Upper
 96 100
 61 128.8 0.0 255.2
 98 66.4 0.0 128.8

Manual Integrations
 APPROVED

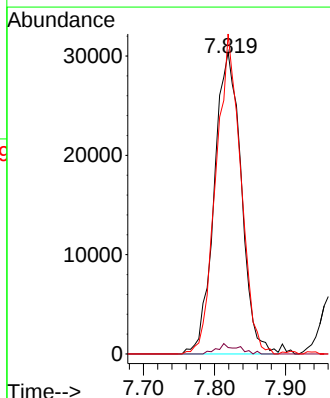
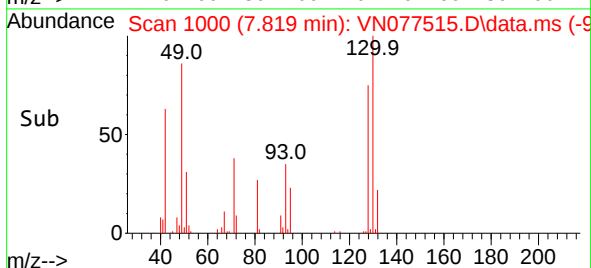
Reviewed By :John Carlone 05/01/2023
 Supervised By :Mahesh Dadoda 05/01/2023

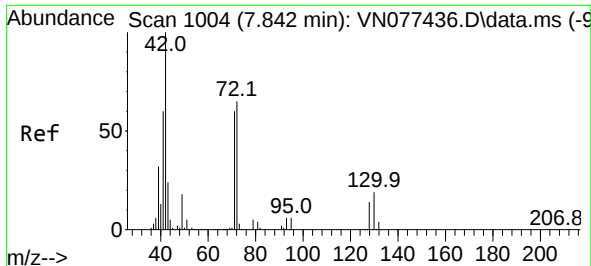


#28
 Bromochloromethane
 Concen: 18.346 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. 0.000 min
 Lab File: VN077515.D
 Acq: 29 Apr 2023 13:39



Tgt Ion: 49 Resp: 80189
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.8
 130 97.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 87.488 ug/l

RT: 7.848 min Scan# 1004

Delta R.T. 0.006 min

Lab File: VN077515.D

Acq: 29 Apr 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01

Tgt Ion: 42 Resp: 18327

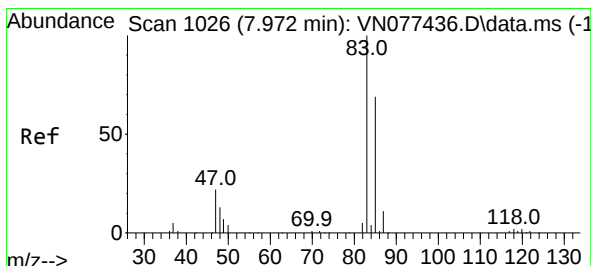
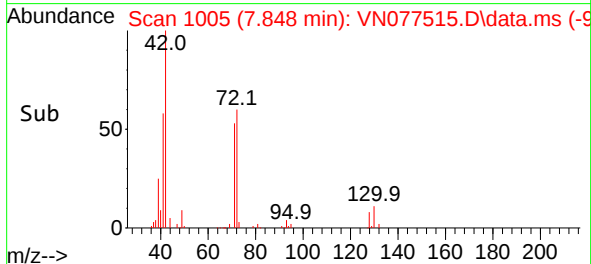
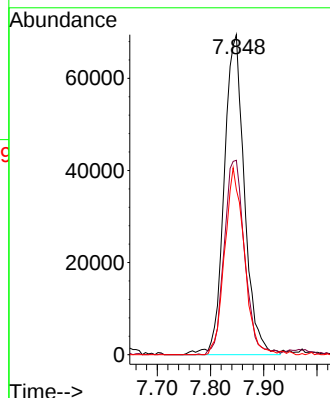
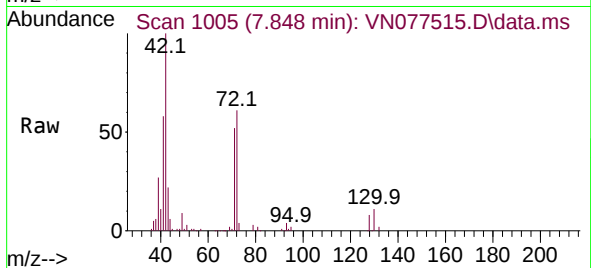
Ion	Ratio	Lower	Upper
42	100		
72	61.6	49.8	74.6
71	56.5	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#30

Chloroform

Concen: 18.400 ug/l

RT: 7.972 min Scan# 1026

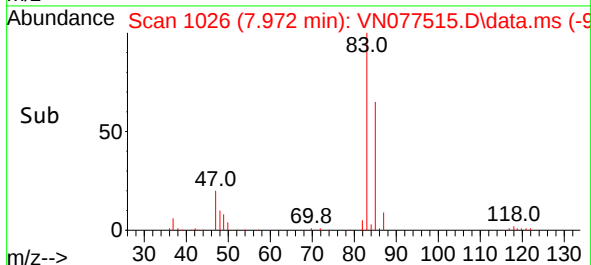
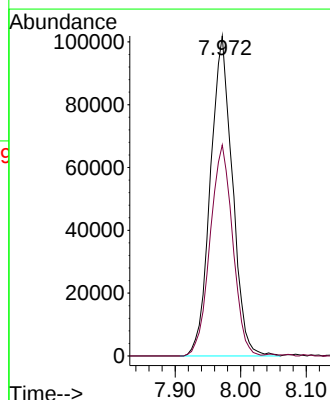
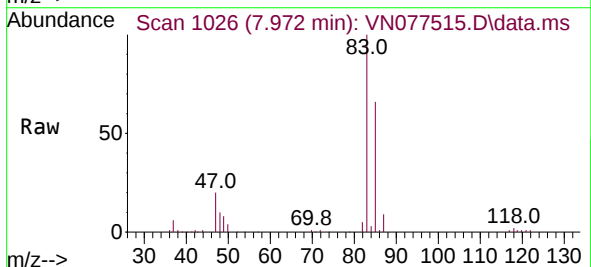
Delta R.T. 0.000 min

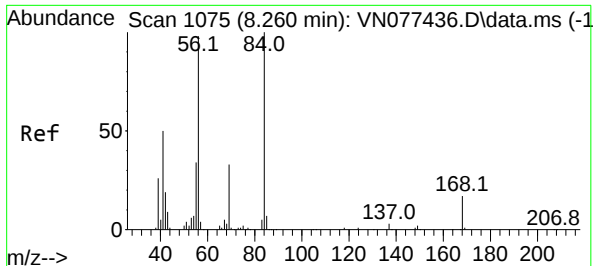
Lab File: VN077515.D

Acq: 29 Apr 2023 13:39

Tgt Ion: 83 Resp: 237345

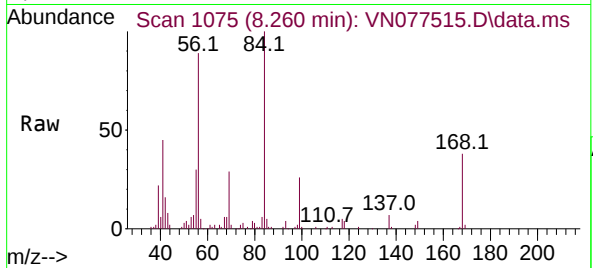
Ion	Ratio	Lower	Upper
83	100		
85	66.0	55.4	83.0





#31
Cyclohexane
Concen: 16.336 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

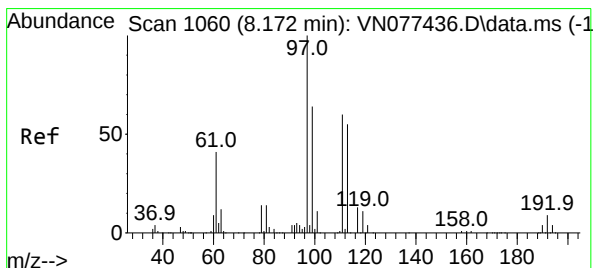
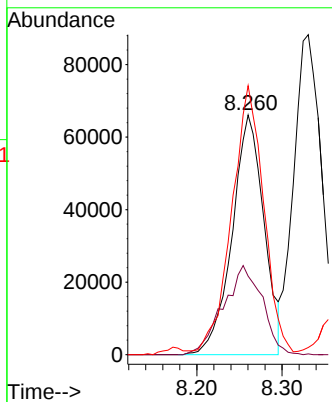
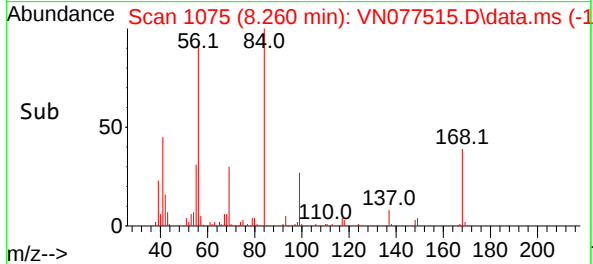
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01



Tgt Ion: 56 Resp: 171474
Ion Ratio Lower Upper
56 100
69 32.7 26.8 40.2
84 109.5 81.8 122.6

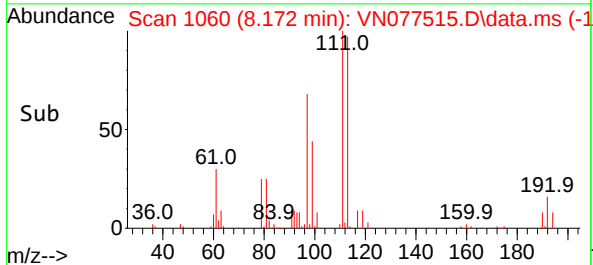
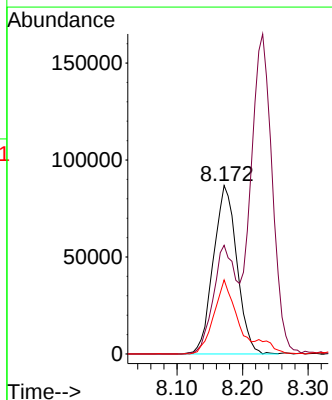
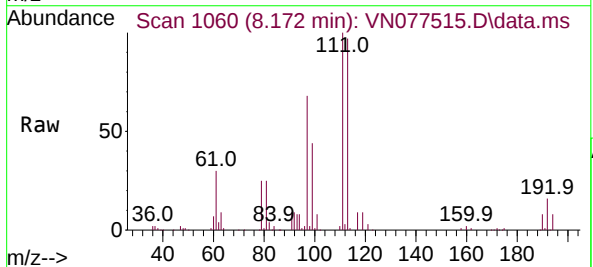
Manual Integrations
APPROVED

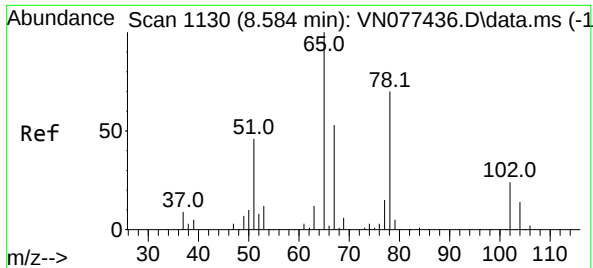
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#32
1,1,1-Trichloroethane
Concen: 18.244 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

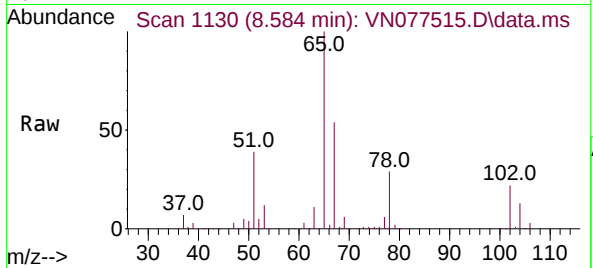
Tgt Ion: 97 Resp: 216358
Ion Ratio Lower Upper
97 100
99 62.4 50.3 75.5
61 42.8 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 47.957 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

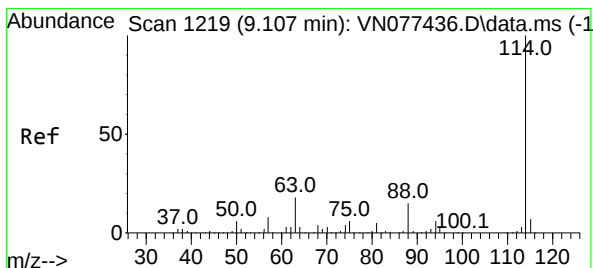
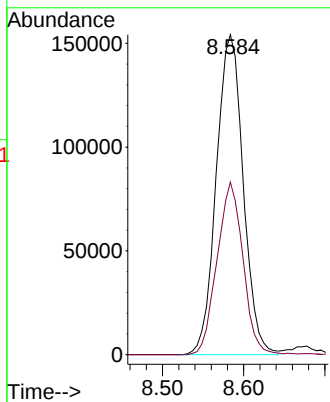
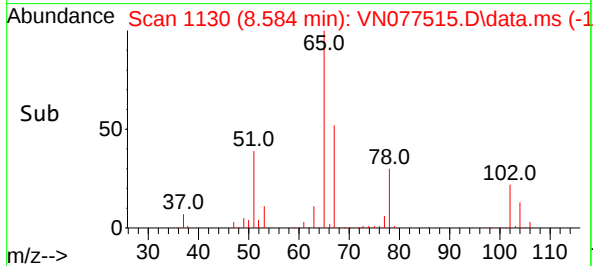
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01



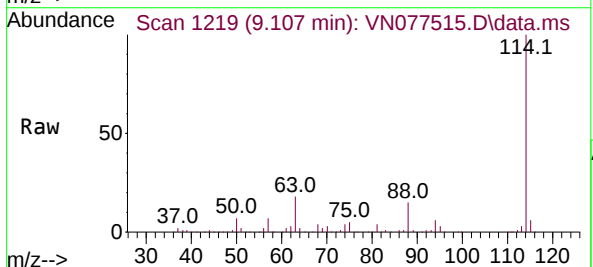
Tgt Ion: 65 Resp: 355352
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.6

Manual Integrations
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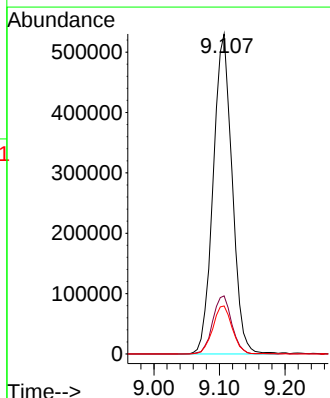
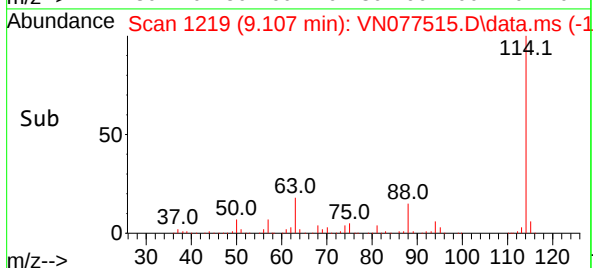
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

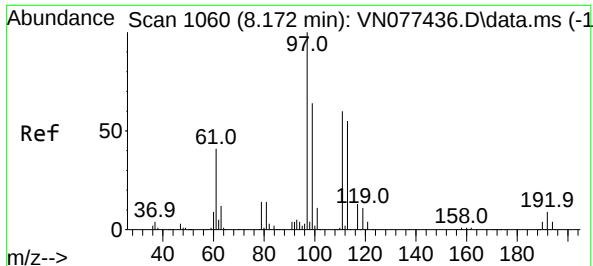


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39



Tgt Ion:114 Resp: 1062405
Ion Ratio Lower Upper
114 100
63 18.2 0.0 36.4
88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.133 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077515.D

Acq: 29 Apr 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01

Tgt Ion: 113 Resp: 30096

Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

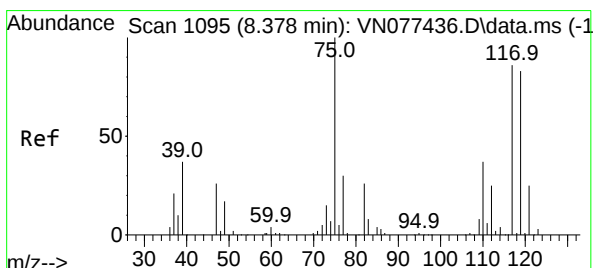
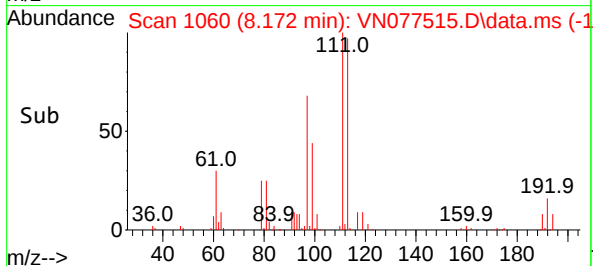
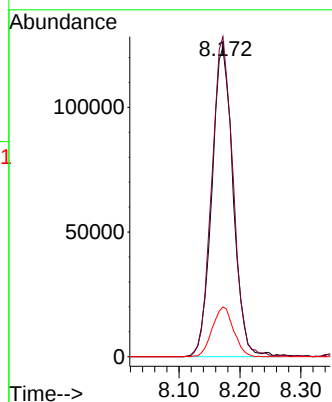
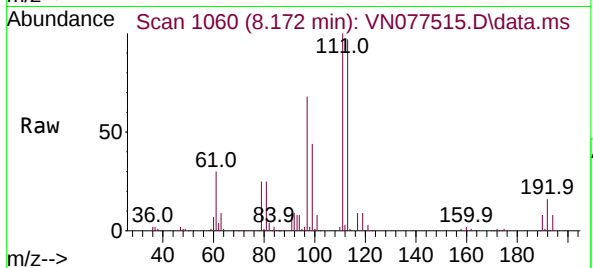
192 16.1 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#36

1,1-Dichloropropene

Concen: 18.001 ug/l

RT: 8.372 min Scan# 1094

Delta R.T. -0.006 min

Lab File: VN077515.D

Acq: 29 Apr 2023 13:39

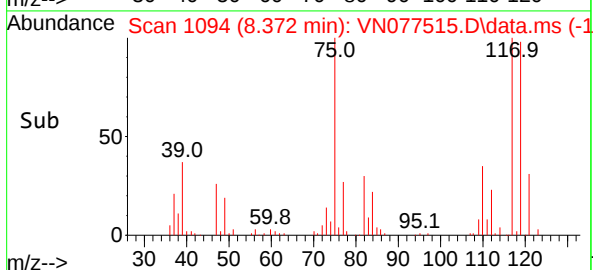
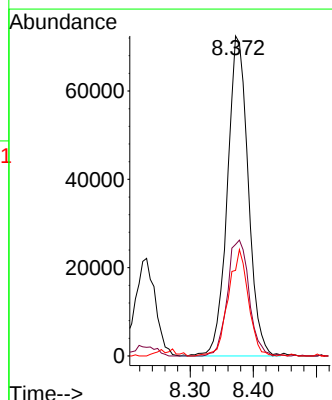
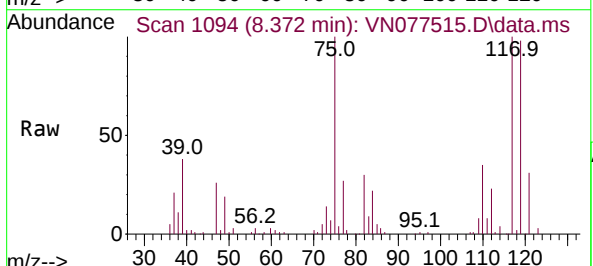
Tgt Ion: 75 Resp: 166068

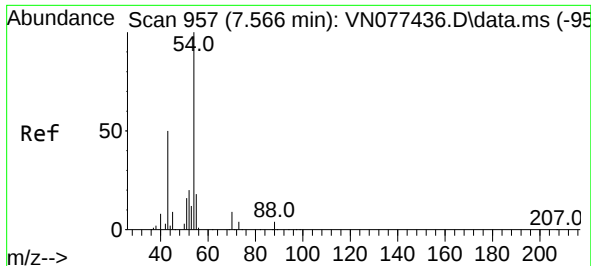
Ion Ratio Lower Upper

75 100

110 37.8 19.1 57.3

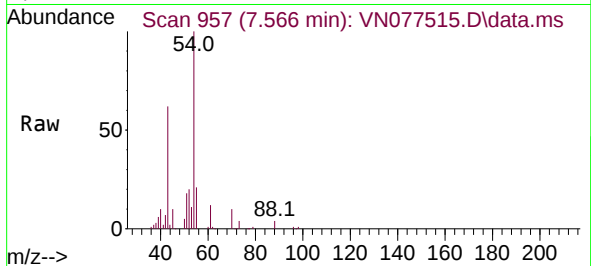
77 32.0 25.0 37.4





#37
Ethyl Acetate
Concen: 15.894 ug/l
RT: 7.566 min Scan# 957
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

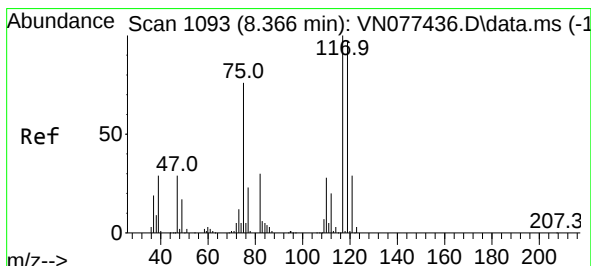
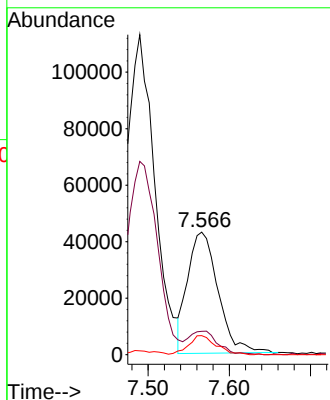
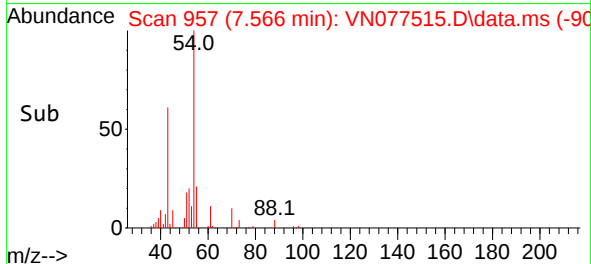
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01



Tgt Ion: 43 Resp: 111419
Ion Ratio Lower Upper
43 100
61 18.4 13.2 19.8
70 14.2 11.3 16.9

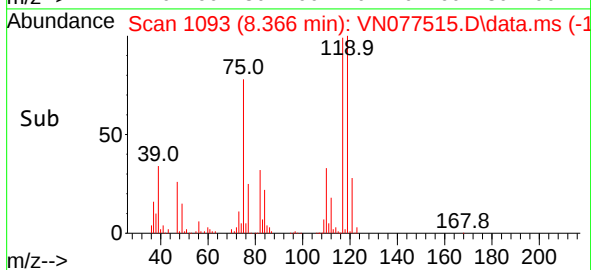
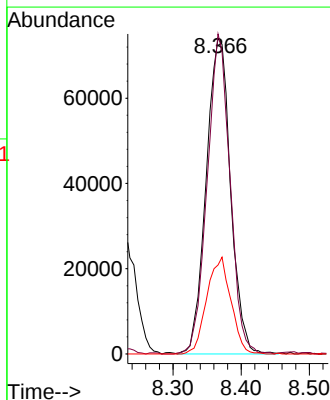
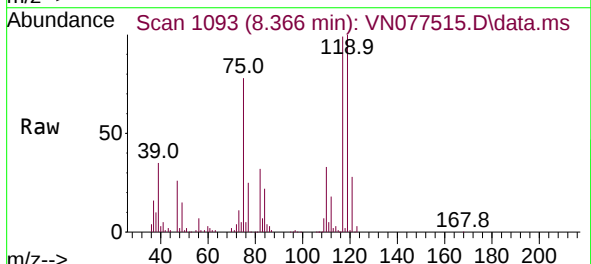
Manual Integrations
APPROVED

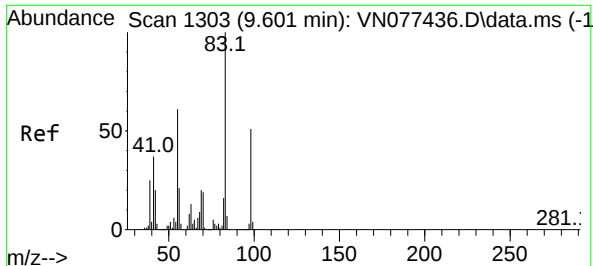
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#38
Carbon Tetrachloride
Concen: 18.117 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

Tgt Ion:117 Resp: 184400
Ion Ratio Lower Upper
117 100
119 101.1 77.3 115.9
121 28.2 23.3 34.9





#39

Methylcyclohexane

Concen: 17.480 ug/l

RT: 9.601 min Scan# 1135

Delta R.T. 0.000 min

Lab File: VN077515.D

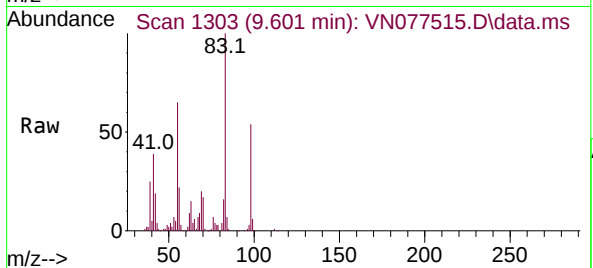
Acq: 29 Apr 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01



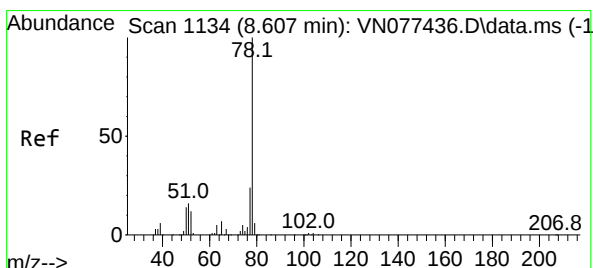
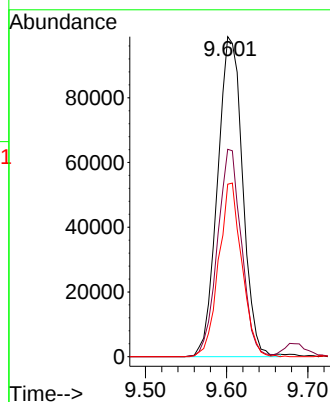
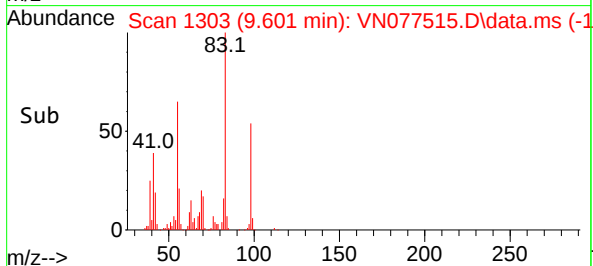
Tgt Ion: 83	Resp: 21246
Ion Ratio	Lower Upper
83	100
55	64.8 49.1 73.7
98	53.9 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#40

Benzene

Concen: 18.145 ug/l

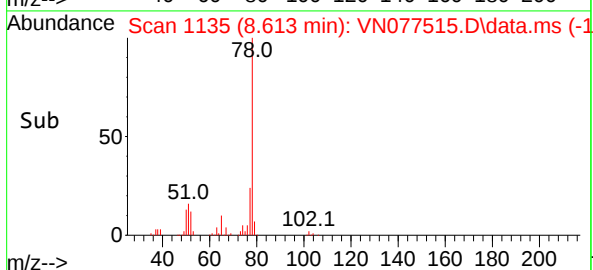
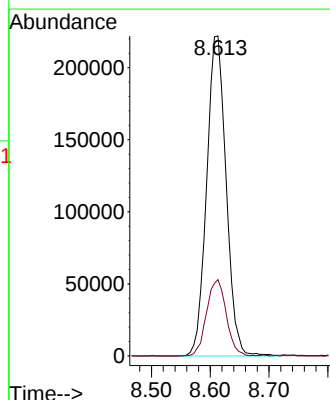
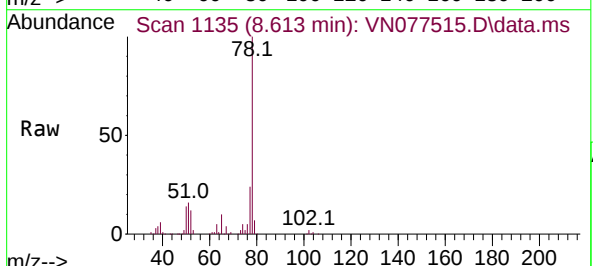
RT: 8.613 min Scan# 1135

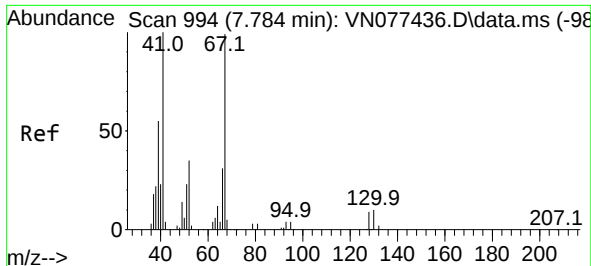
Delta R.T. 0.006 min

Lab File: VN077515.D

Acq: 29 Apr 2023 13:39

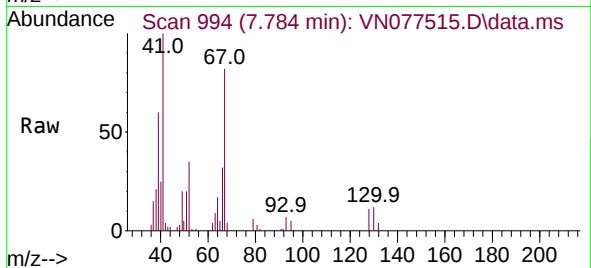
Tgt Ion: 78	Resp: 509952
Ion Ratio	Lower Upper
78	100
77	23.8 19.0 28.6





#41
Methacrylonitrile
Concen: 17.287 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

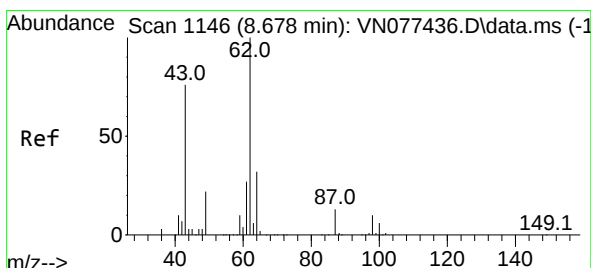
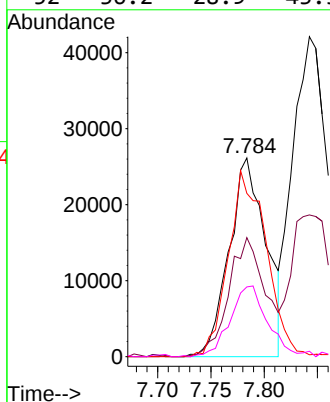
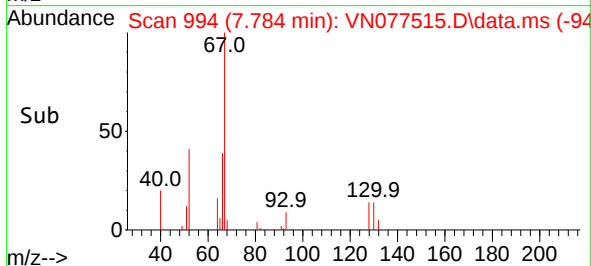
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01



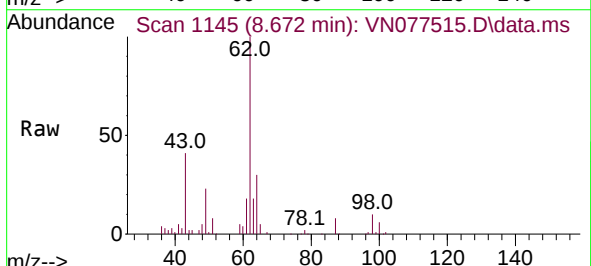
Tgt Ion: 41 Resp: 63118
Ion Ratio Lower Upper
41 100
39 59.4 42.6 64.0
67 96.5 77.5 116.3
52 36.2 28.9 43.3

Manual Integrations
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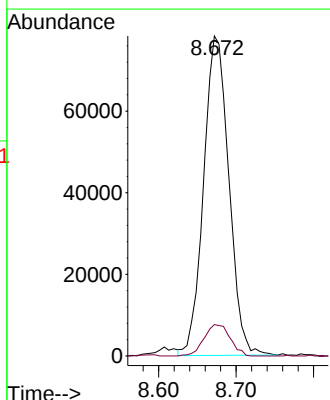
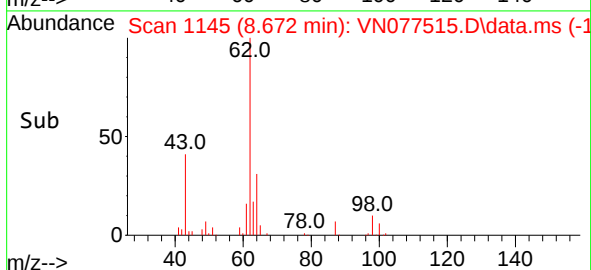
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

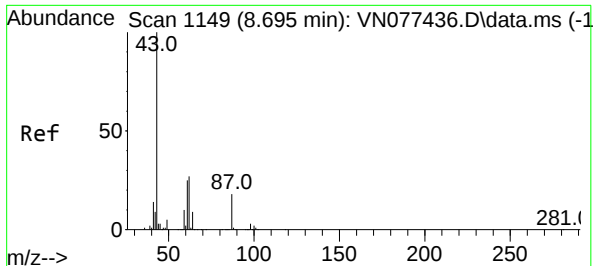


#42
1,2-Dichloroethane
Concen: 18.380 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39



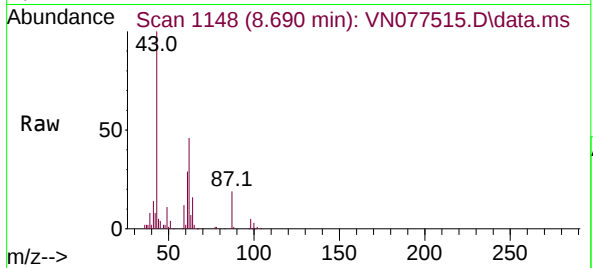
Tgt Ion: 62 Resp: 177418
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.8





#43
Isopropyl Acetate
Concen: 17.436 ug/l
RT: 8.690 min Scan# 1149
Delta R.T. -0.006 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

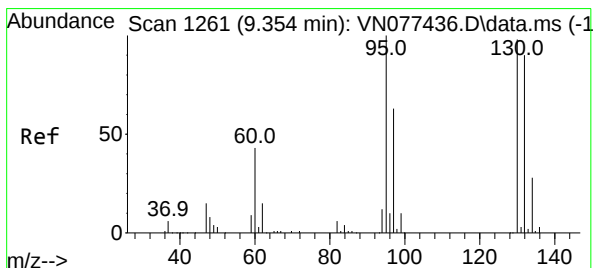
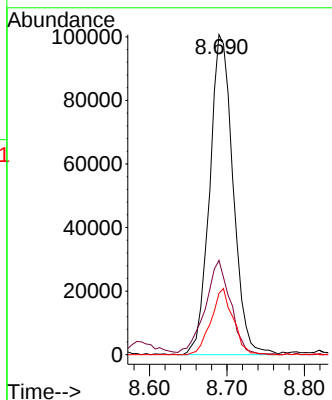
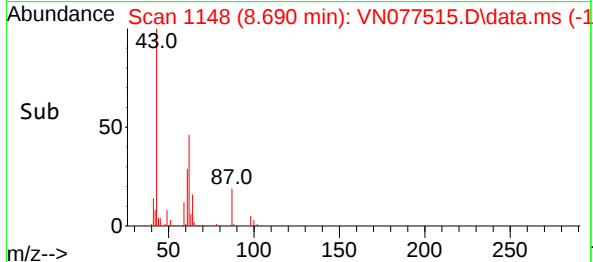
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01



Tgt Ion: 43 Resp: 211454
Ion Ratio Lower Upper
43 100
61 32.1 24.7 37.1
87 19.5 14.6 21.8

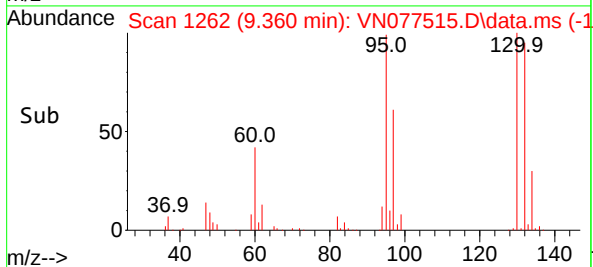
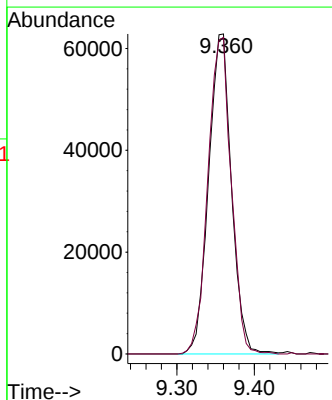
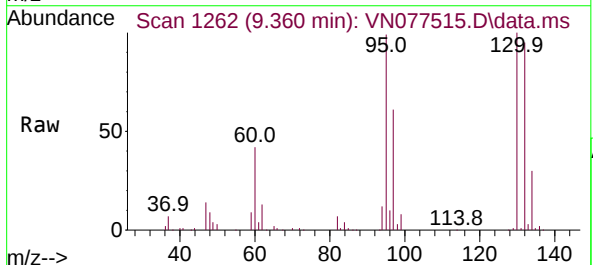
Manual Integrations
APPROVED

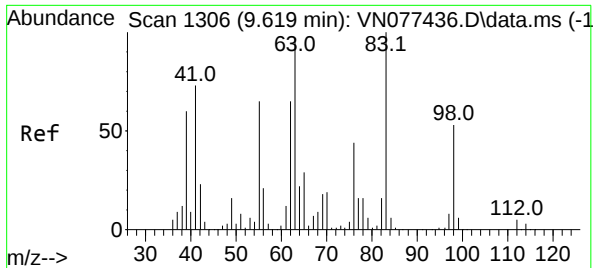
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#44
Trichloroethene
Concen: 17.889 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

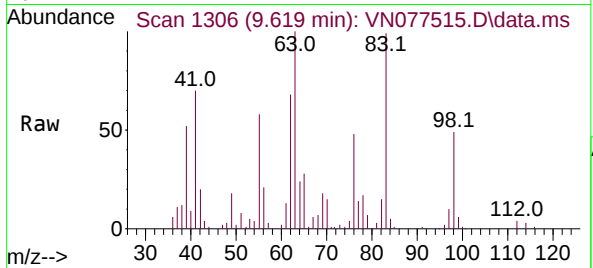
Tgt Ion:130 Resp: 128721
Ion Ratio Lower Upper
130 100
95 99.0 0.0 204.6





#45
1,2-Dichloropropane
Concen: 18.341 ug/l
RT: 9.619 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

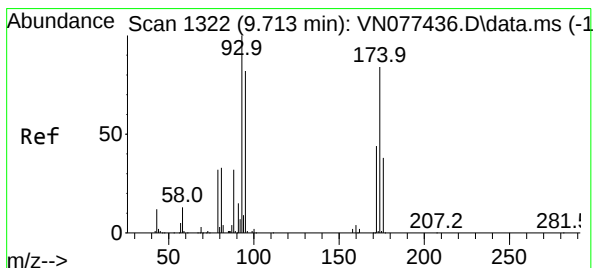
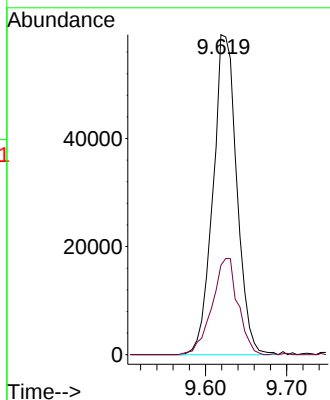
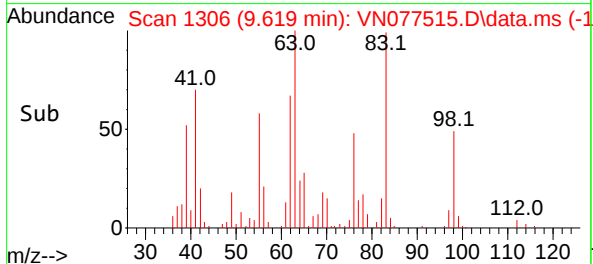
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01



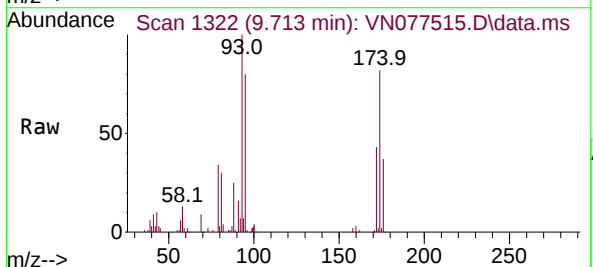
Tgt Ion: 63 Resp: 120740
Ion Ratio Lower Upper
63 100
65 28.0 23.9 35.9

Manual Integrations
APPROVED

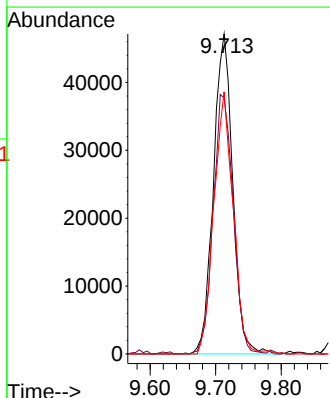
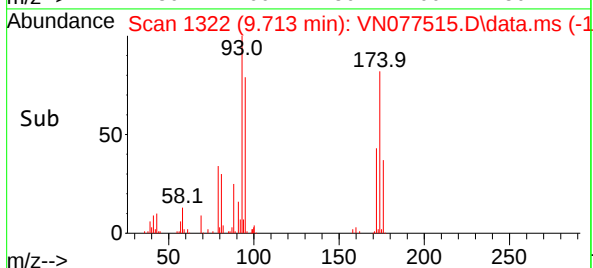
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

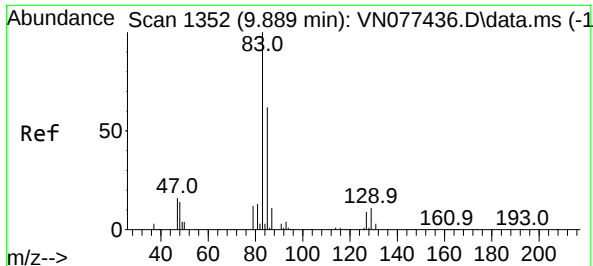


#46
Dibromomethane
Concen: 17.996 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39



Tgt Ion: 93 Resp: 96128
Ion Ratio Lower Upper
93 100
95 84.1 63.8 95.8
174 82.4 65.6 98.4





#47

Bromodichloromethane

Concen: 18.503 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VN077515.D

Acq: 29 Apr 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01

Tgt Ion: 83 Resp: 191179

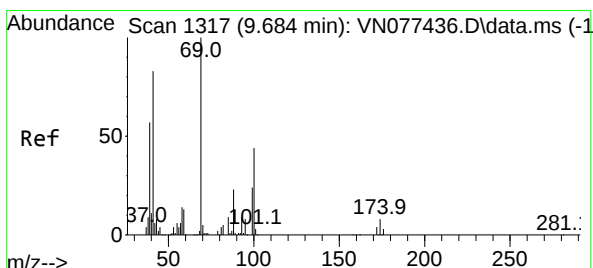
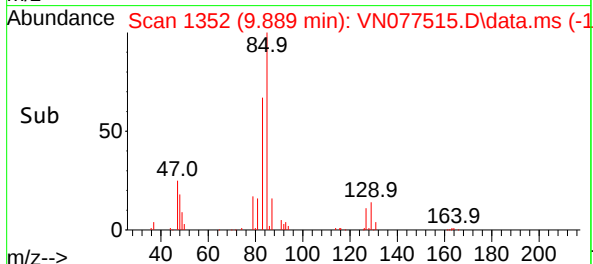
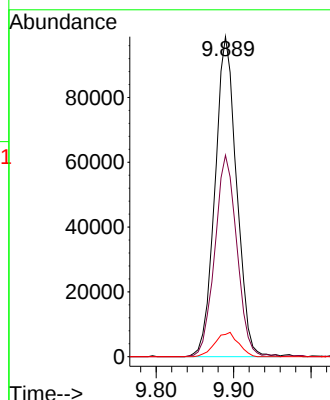
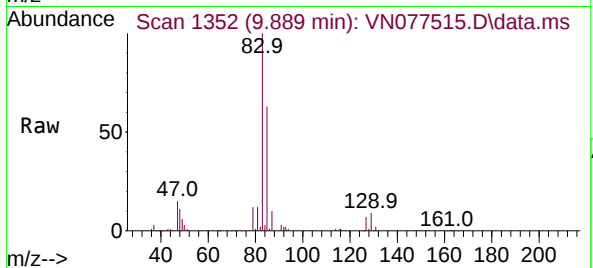
Ion	Ratio	Lower	Upper
83	100		
85	63.0	49.6	74.4
127	7.0	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#48

Methyl methacrylate

Concen: 17.253 ug/l

RT: 9.684 min Scan# 1317

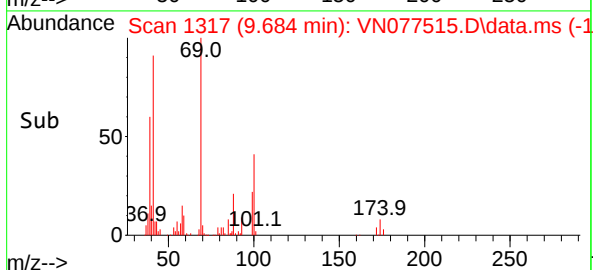
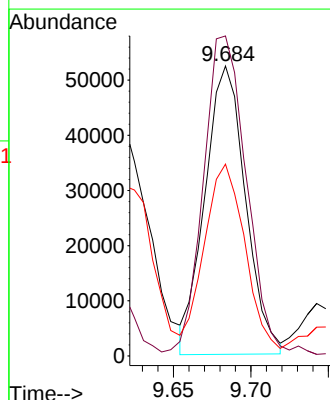
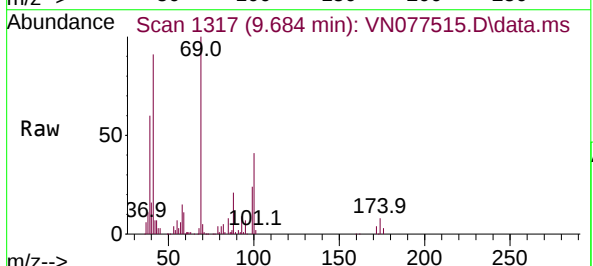
Delta R.T. 0.000 min

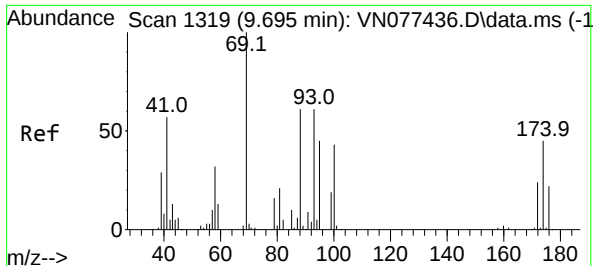
Lab File: VN077515.D

Acq: 29 Apr 2023 13:39

Tgt Ion: 41 Resp: 95244

Ion	Ratio	Lower	Upper
41	100		
69	117.0	90.4	135.6
39	68.1	54.6	81.8





#49

1,4-Dioxane

Concen: 334.741 ug/l

RT: 9.701 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077515.D

Acq: 29 Apr 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01

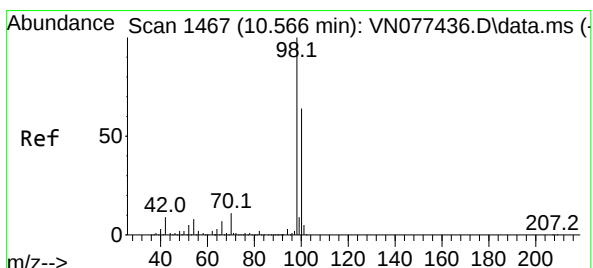
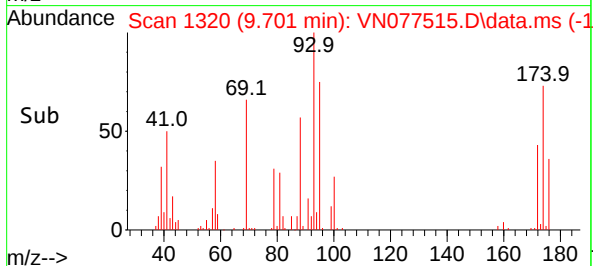
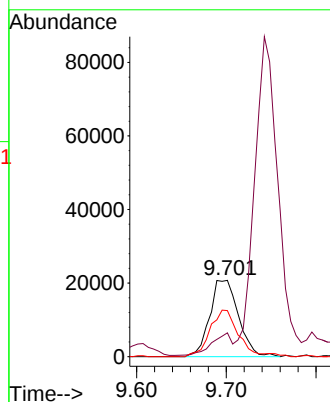
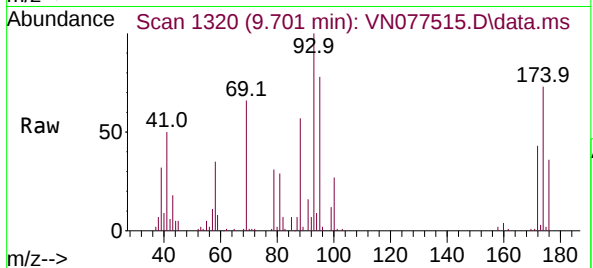
Tgt Ion: 88 Resp: 4635
 Ion Ratio Lower Upper
 88 100
 43 20.0 17.0 25.6
 58 61.0 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#50

Toluene-d8

Concen: 47.399 ug/l

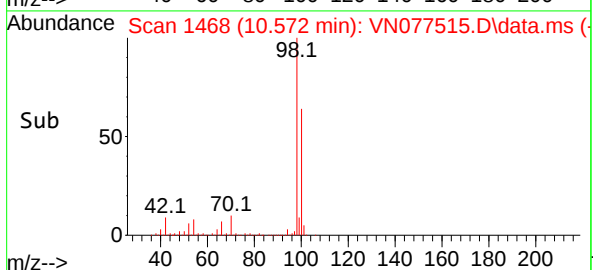
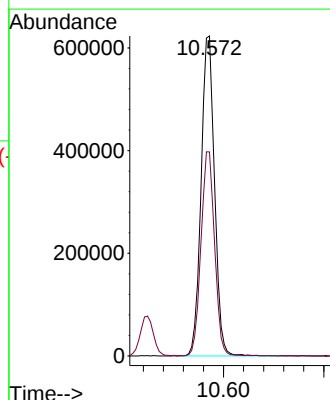
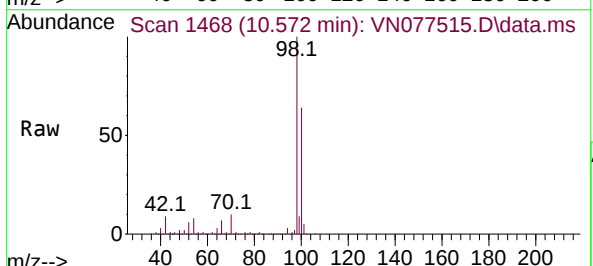
RT: 10.572 min Scan# 1468

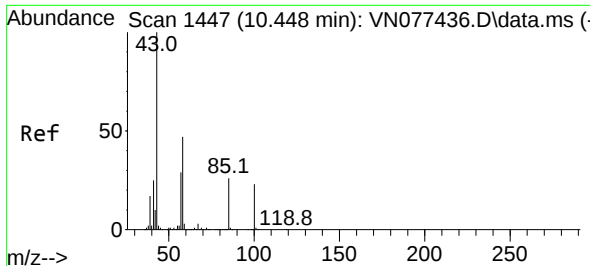
Delta R.T. 0.006 min

Lab File: VN077515.D

Acq: 29 Apr 2023 13:39

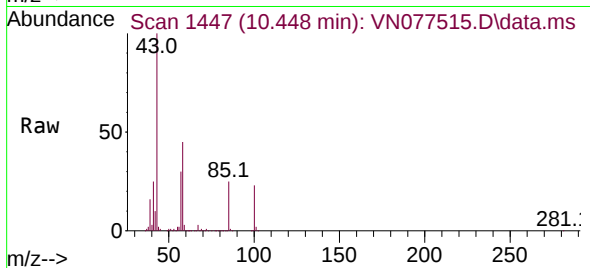
Tgt Ion: 98 Resp: 1159991
 Ion Ratio Lower Upper
 98 100
 100 64.7 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 87.054 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

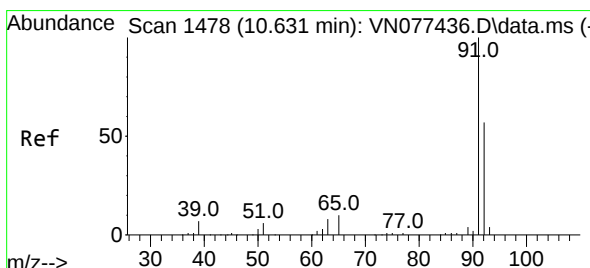
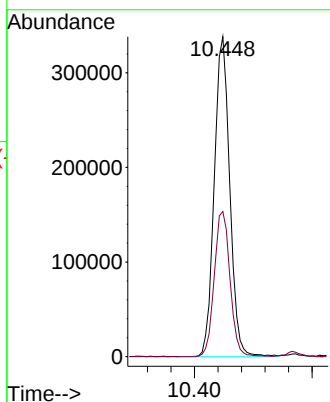
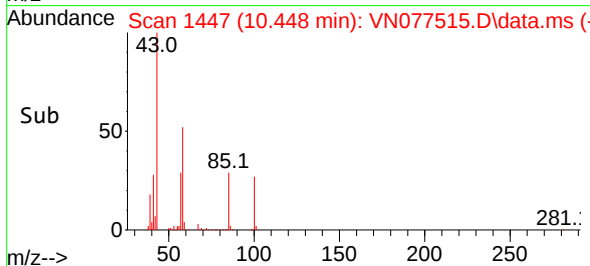
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01



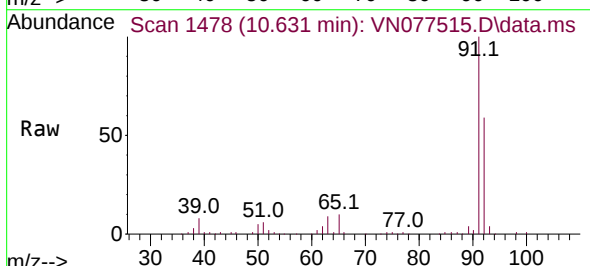
Tgt Ion: 43 Resp: 619244
Ion Ratio Lower Upper
43 100
58 46.2 36.6 54.8

Manual Integrations
APPROVED

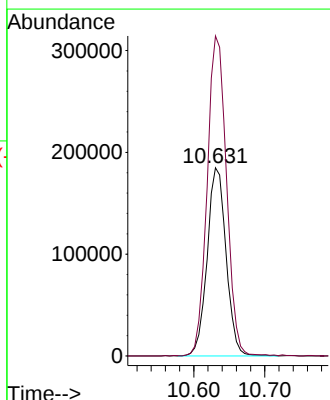
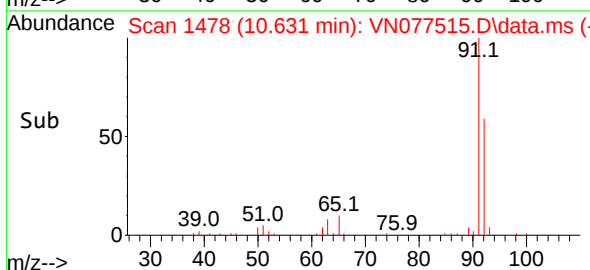
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

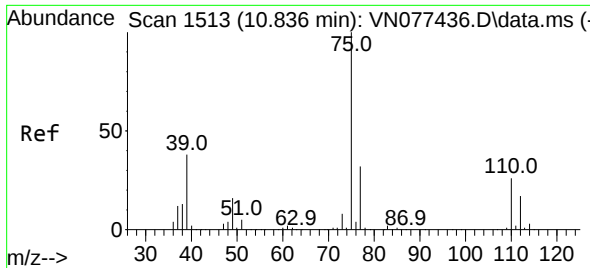


#52
Toluene
Concen: 18.614 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39



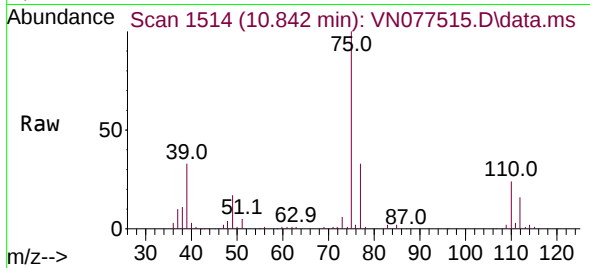
Tgt Ion: 92 Resp: 342698
Ion Ratio Lower Upper
92 100
91 173.3 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 18.775 ug/l
RT: 10.842 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

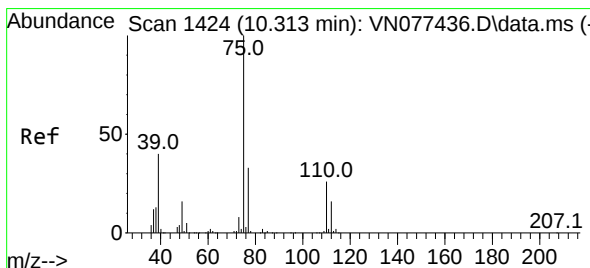
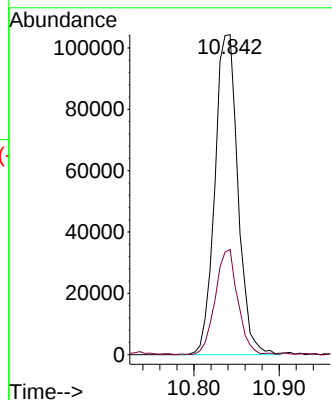
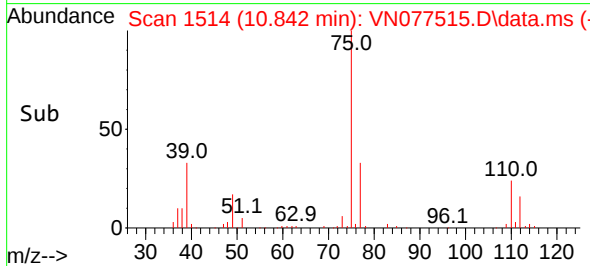
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01



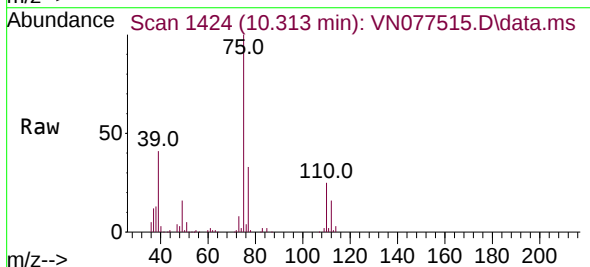
Tgt Ion: 75 Resp: 196438
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0

Manual Integrations
APPROVED

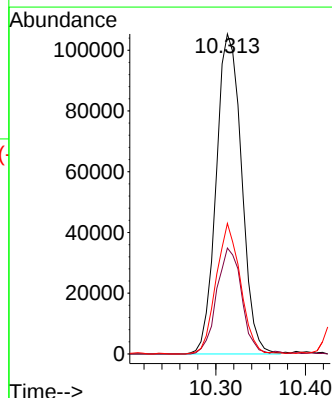
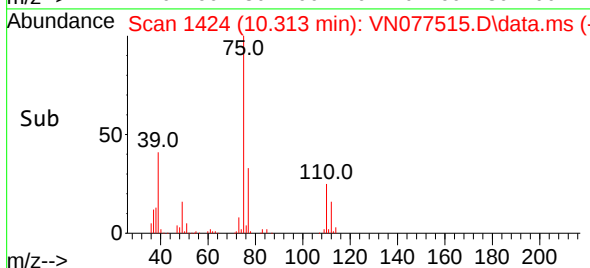
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

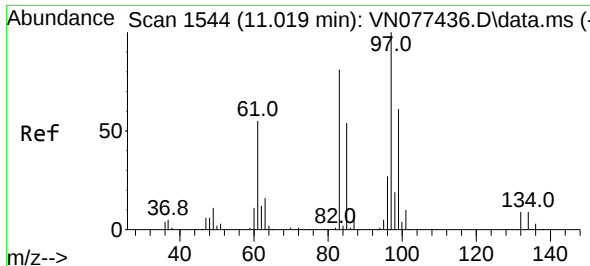


#54
cis-1,3-Dichloropropene
Concen: 18.187 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39



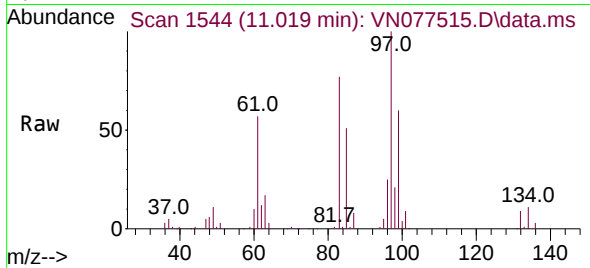
Tgt Ion: 75 Resp: 207121
Ion Ratio Lower Upper
75 100
77 33.1 26.1 39.1
39 40.8 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 18.967 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

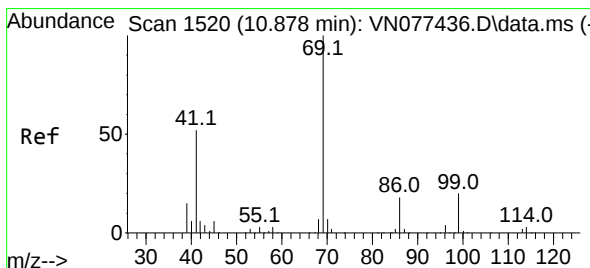
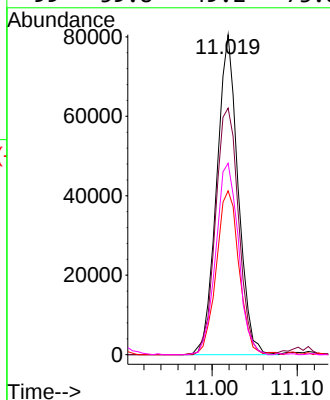
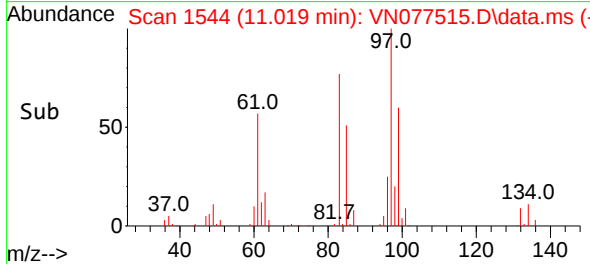
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	77.0	65.1	97.7
85	51.2	43.4	65.2
99	59.8	49.2	73.8

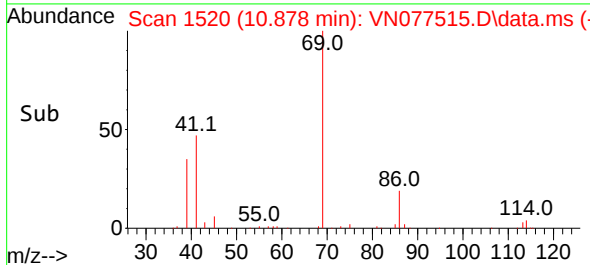
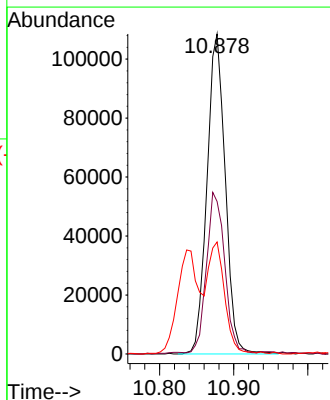
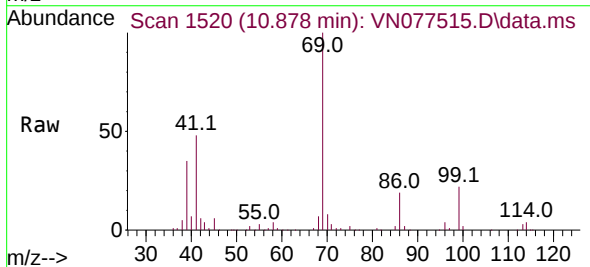
Manual Integrations
APPROVED

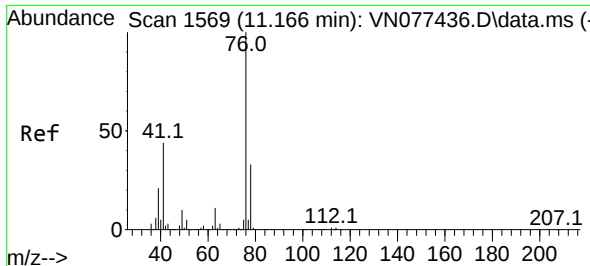
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#56
Ethyl methacrylate
Concen: 17.927 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

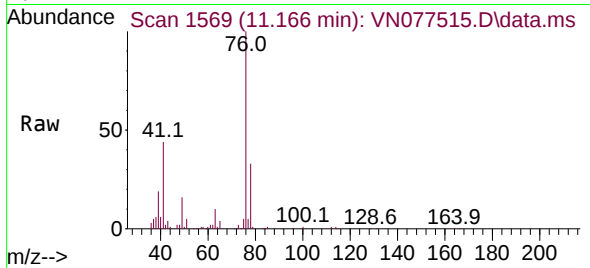
Tgt Ion	Ratio	Lower	Upper
69	100		
41	49.7	39.6	59.4
39	31.1	28.6	43.0





#57
1,3-Dichloropropane
Concen: 19.053 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

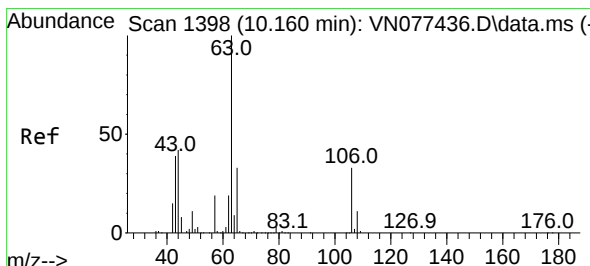
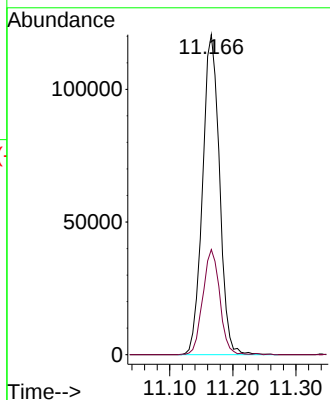
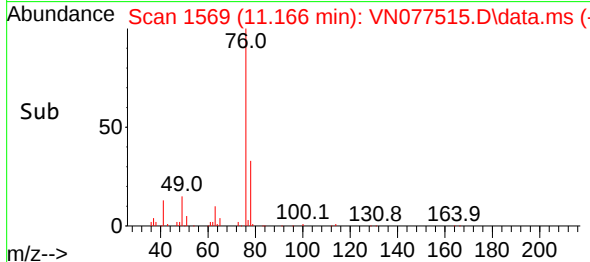
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01



Tgt Ion: 76 Resp: 22469
Ion Ratio Lower Upper
76 100
78 32.8 26.1 39.1

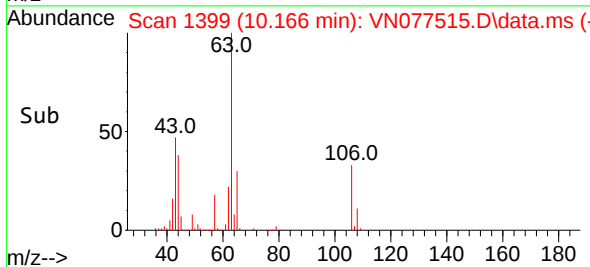
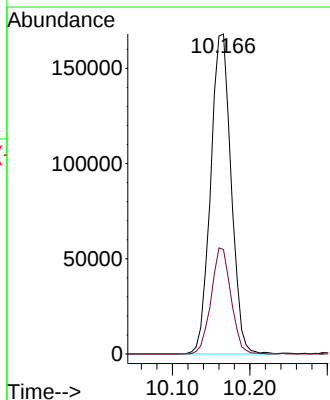
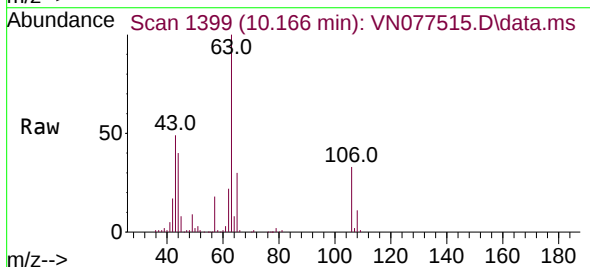
Manual Integrations
APPROVED

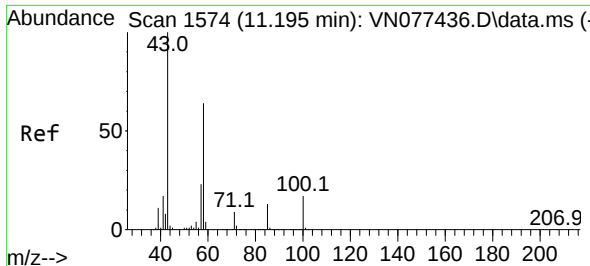
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#58
2-Chloroethyl Vinyl ether
Concen: 88.004 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

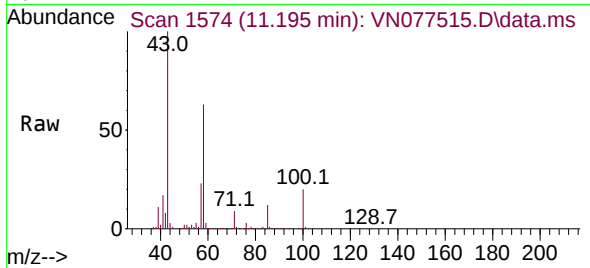
Tgt Ion: 63 Resp: 308791
Ion Ratio Lower Upper
63 100
106 32.1 26.2 39.4





#59
2-Hexanone
Concen: 86.415 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

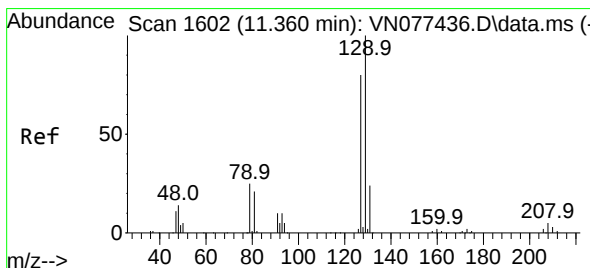
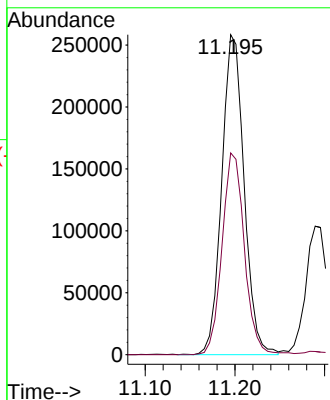
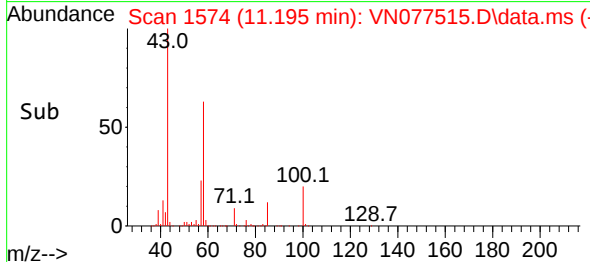
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01



Tgt Ion: 43 Resp: 44681
Ion Ratio Lower Upper
43 100
58 63.1 31.7 95.1

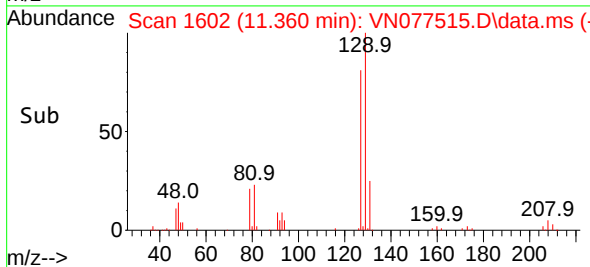
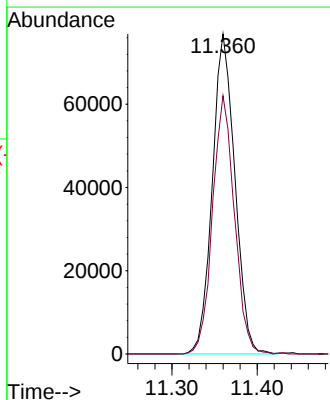
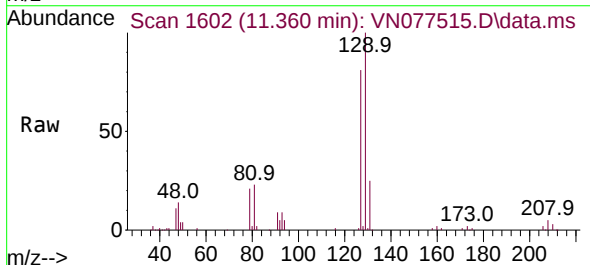
Manual Integrations
APPROVED

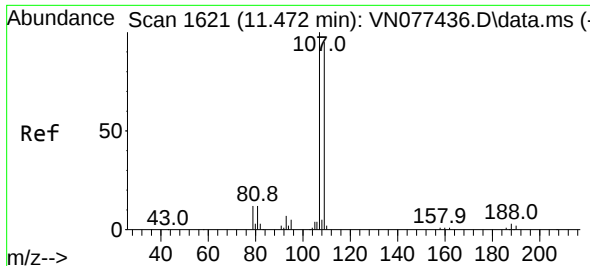
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#60
Dibromochloromethane
Concen: 18.431 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

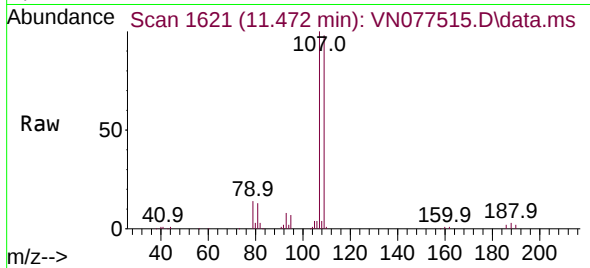
Tgt Ion:129 Resp: 141616
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.572 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

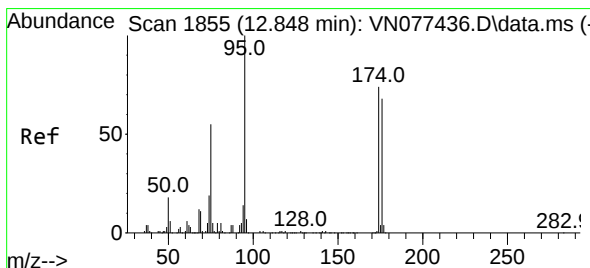
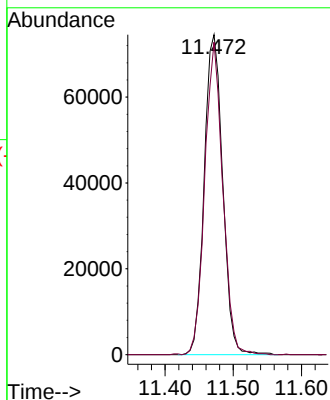
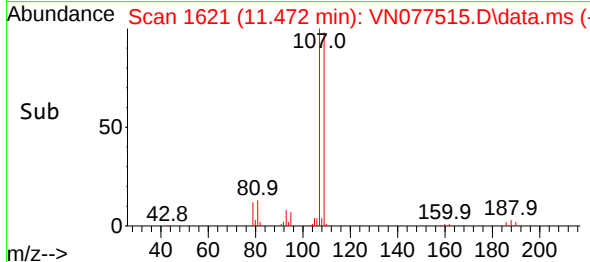
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01



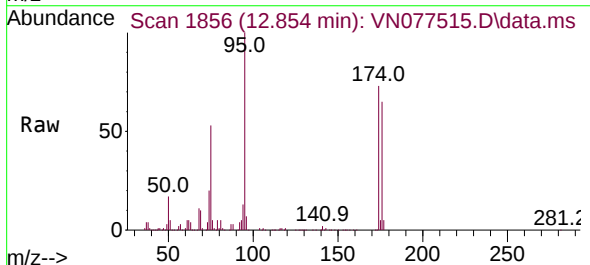
Tgt Ion:107 Resp: 140379
Ion Ratio Lower Upper
107 100
109 95.3 76.6 114.8

Manual Integrations
APPROVED

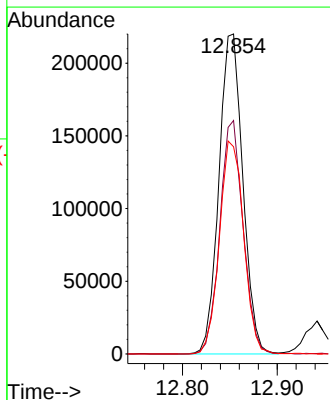
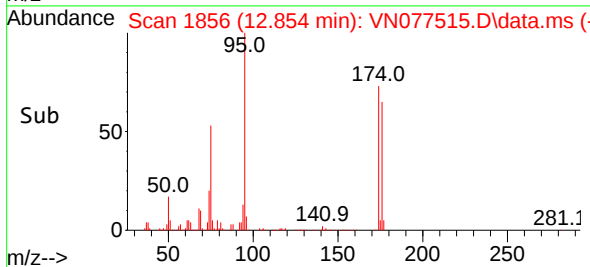
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

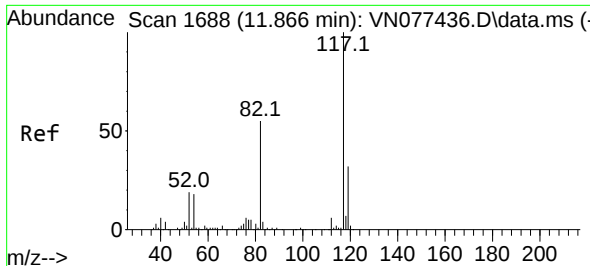


#62
4-Bromofluorobenzene
Concen: 48.280 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39



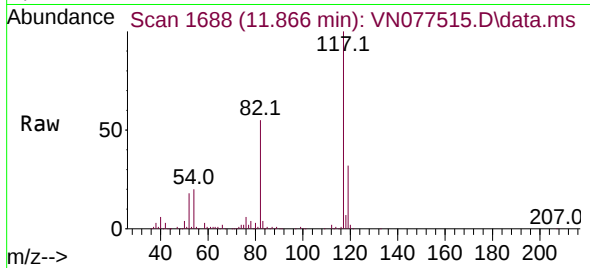
Tgt Ion: 95 Resp: 386579
Ion Ratio Lower Upper
95 100
174 71.0 0.0 143.8
176 67.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

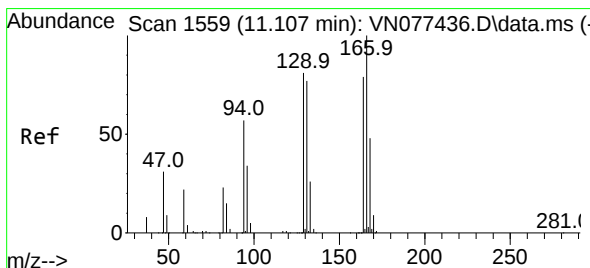
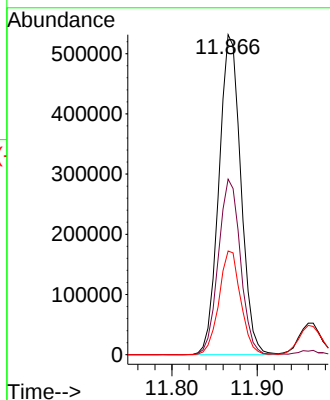
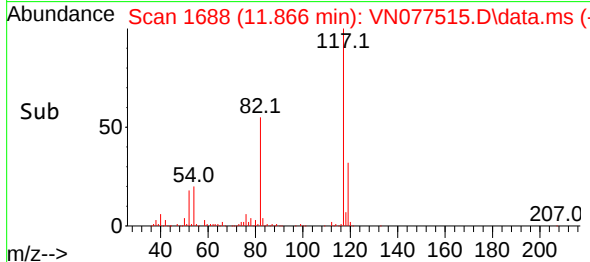
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01



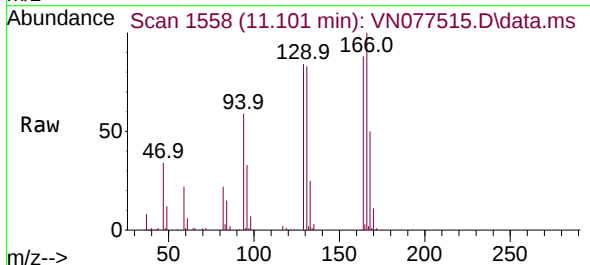
Tgt Ion:117 Resp: 95211
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 32.4 25.6 38.4

Manual Integrations
APPROVED

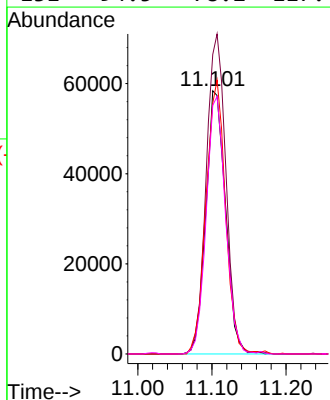
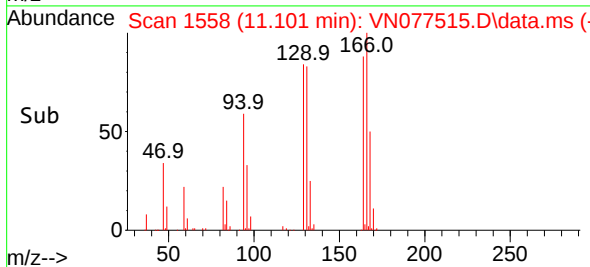
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

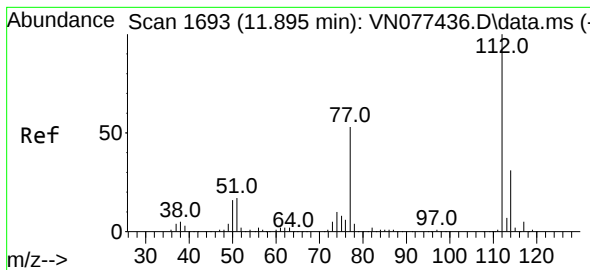


#64
Tetrachloroethene
Concen: 18.895 ug/l
RT: 11.101 min Scan# 1558
Delta R.T. -0.006 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39



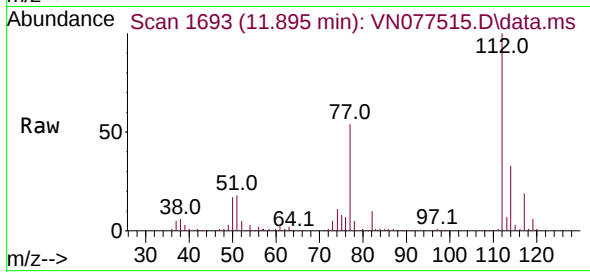
Tgt Ion:164 Resp: 107691
Ion Ratio Lower Upper
164 100
166 113.8 101.4 152.0
129 95.3 82.4 123.6
131 94.5 78.2 117.4





#65
Chlorobenzene
Concen: 18.335 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

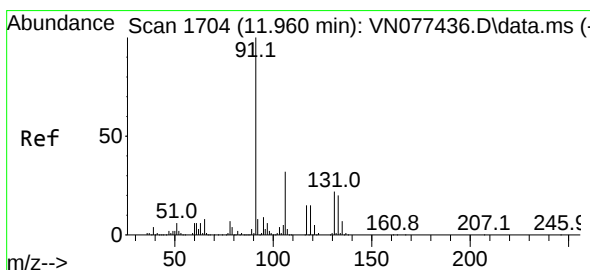
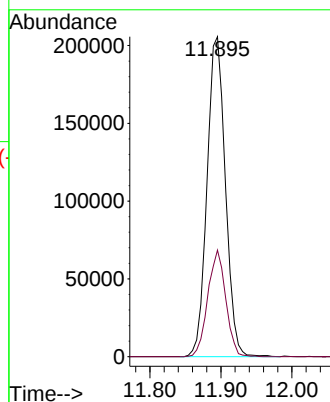
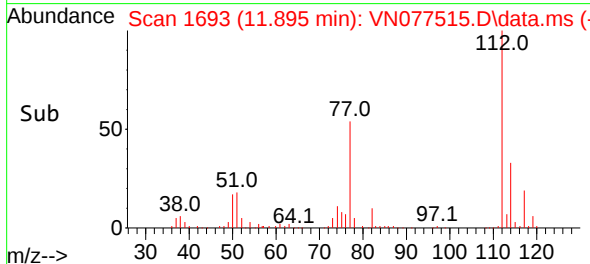
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01



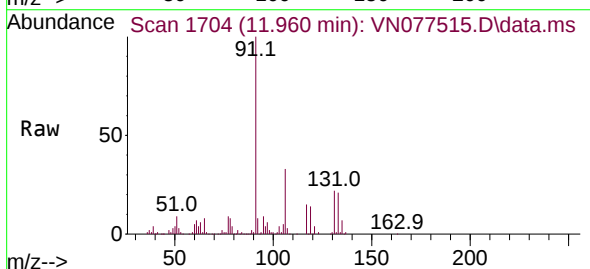
Tgt Ion:112 Resp: 369410
Ion Ratio Lower Upper
112 100
114 33.3 25.0 37.4

Manual Integrations
APPROVED

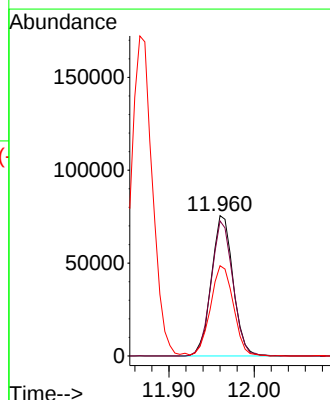
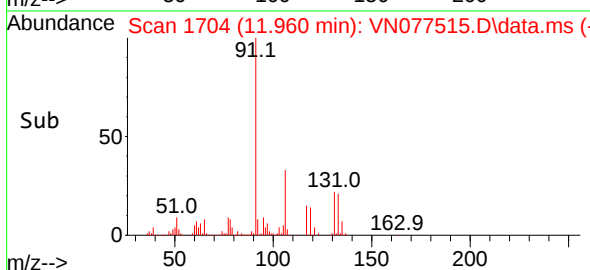
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

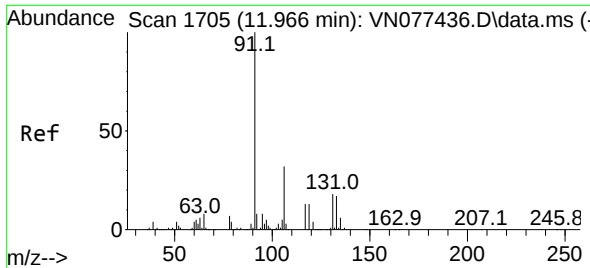


#66
1,1,1,2-Tetrachloroethane
Concen: 18.279 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39



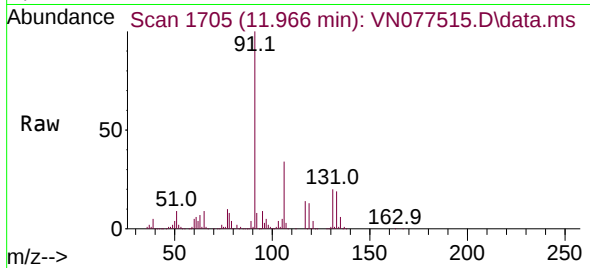
Tgt Ion:131 Resp: 133992
Ion Ratio Lower Upper
131 100
133 96.4 46.4 139.1
119 67.6 34.1 102.2





#67
Ethyl Benzene
Concen: 18.572 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

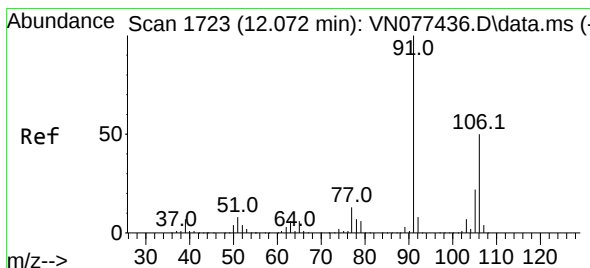
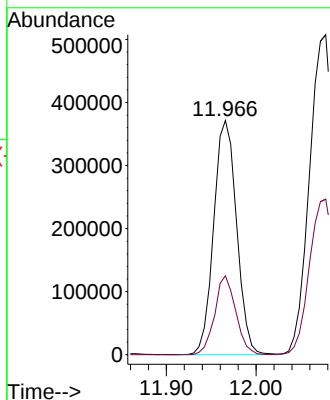
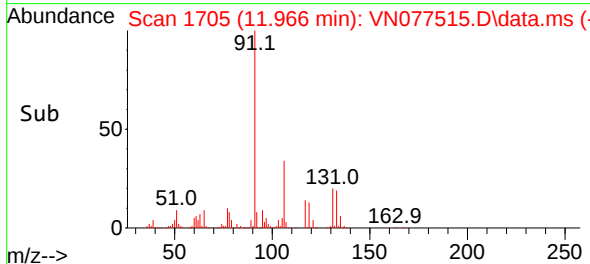
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01



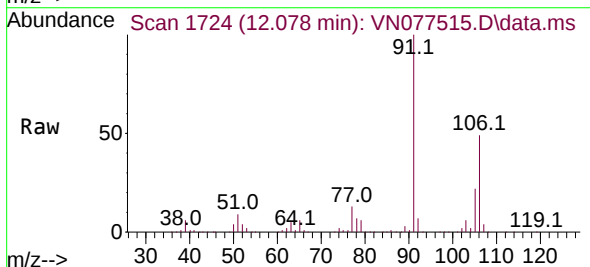
Tgt Ion: 91 Resp: 658690
Ion Ratio Lower Upper
91 100
106 33.7 25.6 38.4

Manual Integrations
APPROVED

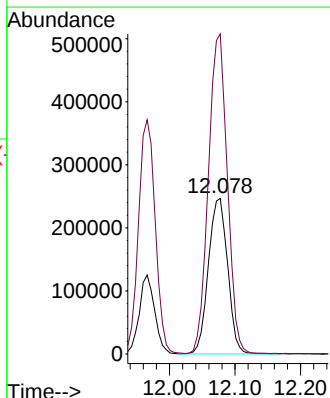
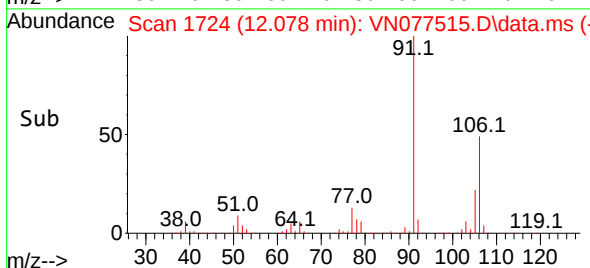
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

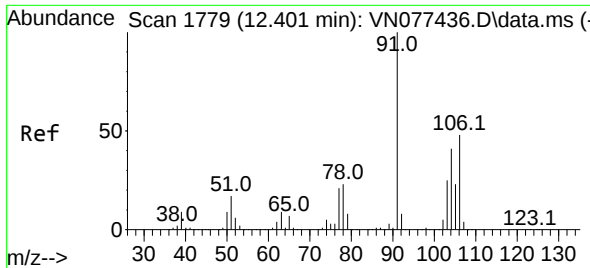


#68
m/p-Xylenes
Concen: 36.475 ug/l
RT: 12.078 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39



Tgt Ion:106 Resp: 502784
Ion Ratio Lower Upper
106 100
91 202.6 159.6 239.4





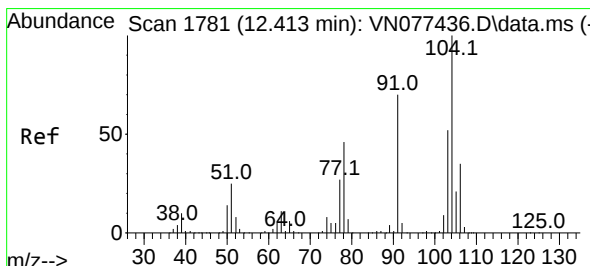
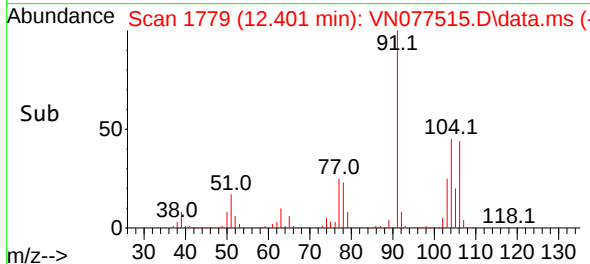
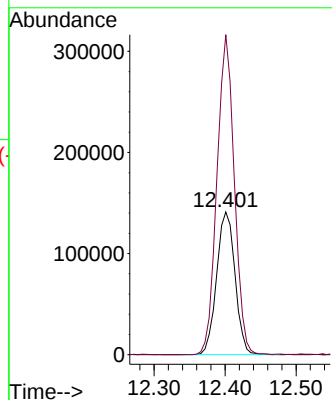
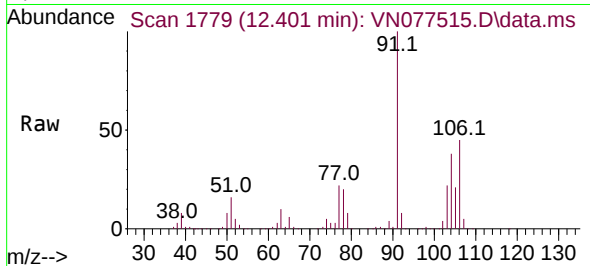
#69
o-Xylene
Concen: 18.672 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tgt Ion:106 Resp: 253160
Ion Ratio Lower Upper
106 100
91 211.9 105.2 315.5

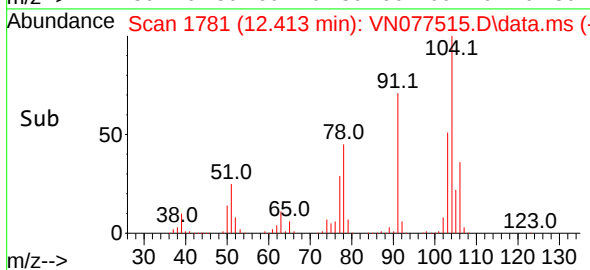
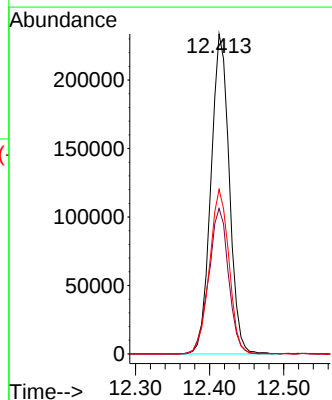
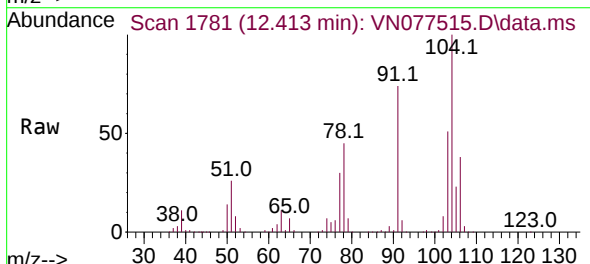
Manual Integrations
APPROVED

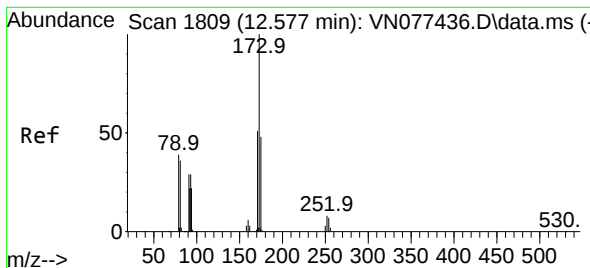
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#70
Styrene
Concen: 18.947 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

Tgt Ion:104 Resp: 401747
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 54.7 43.2 64.8





#71

Bromoform

Concen: 18.189 ug/l

RT: 12.578 min Scan# 1809

Delta R.T. 0.000 min

Lab File: VN077515.D

Acq: 29 Apr 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01

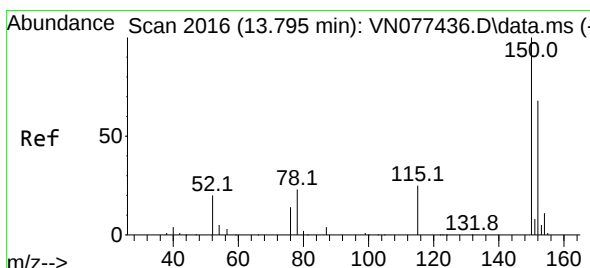
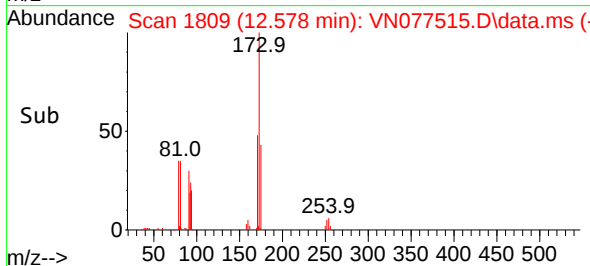
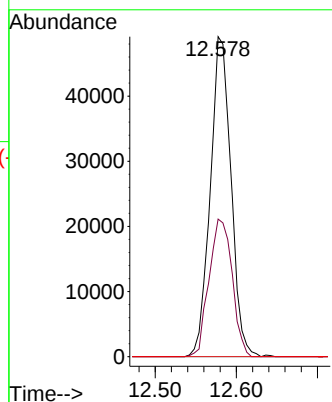
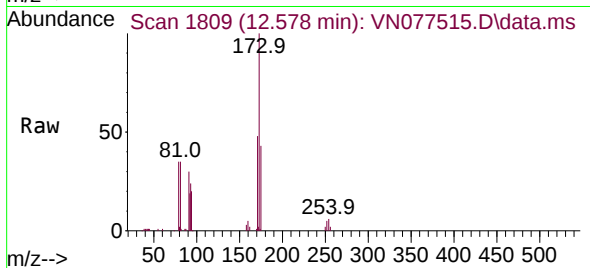
Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.3	73.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

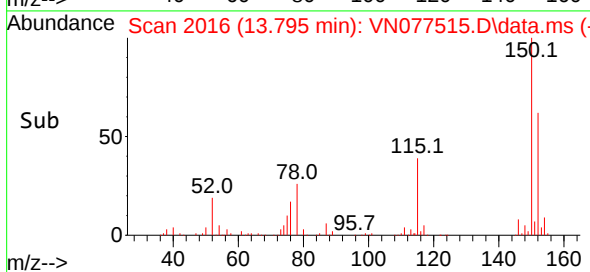
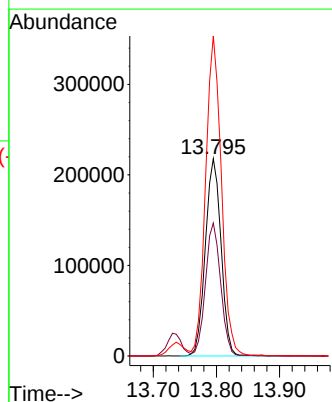
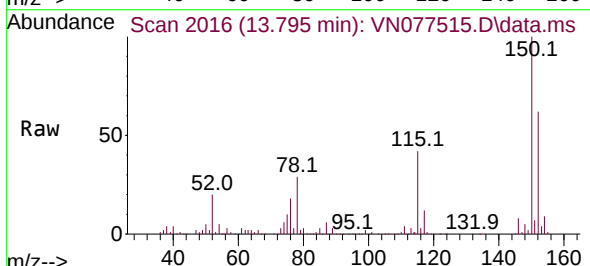
RT: 13.795 min Scan# 2016

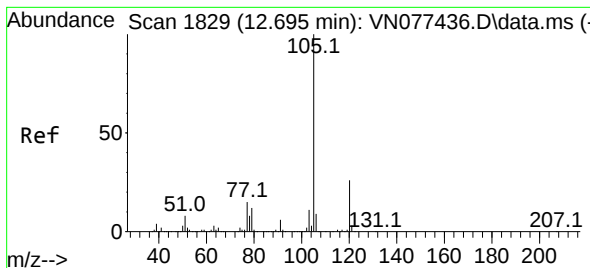
Delta R.T. 0.000 min

Lab File: VN077515.D

Acq: 29 Apr 2023 13:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.4	32.3	96.8
150	161.4	0.0	355.8





#73

Isopropylbenzene

Concen: 18.653 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. 0.006 min

Lab File: VN077515.D

Acq: 29 Apr 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01

Tgt Ion:105 Resp: 65251

Ion Ratio Lower Upper

105 100

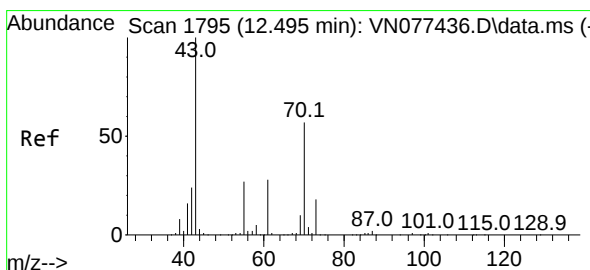
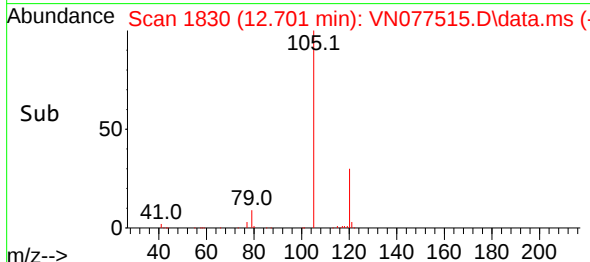
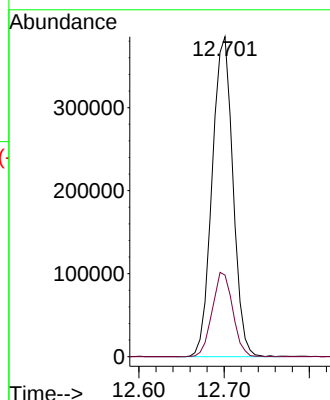
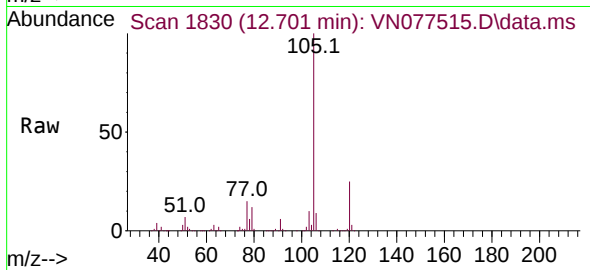
120 26.0 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#74

N-ethyl acetate

Concen: 16.425 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VN077515.D

Acq: 29 Apr 2023 13:39

Tgt Ion: 43 Resp: 170110

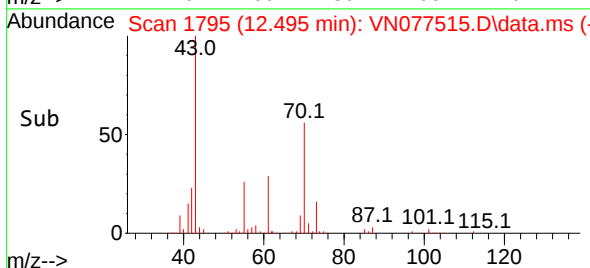
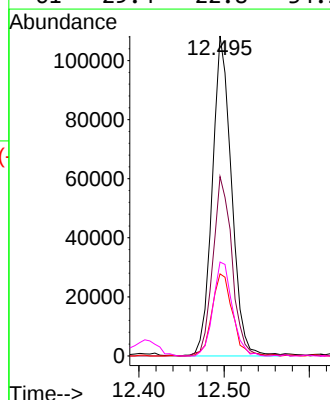
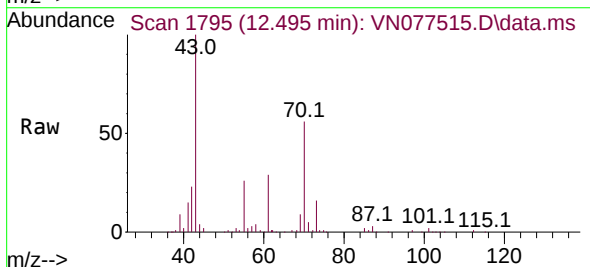
Ion Ratio Lower Upper

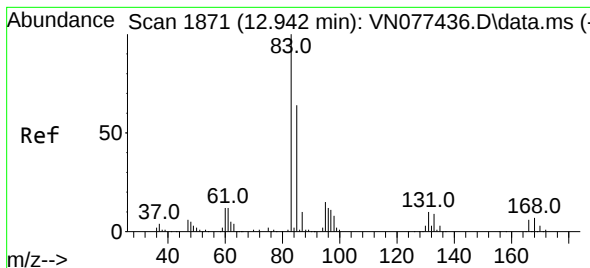
43 100

70 55.5 43.4 65.2

55 27.3 21.4 32.0

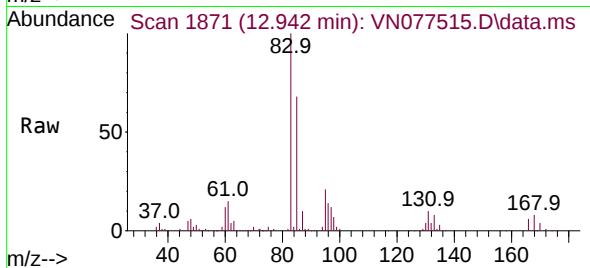
61 29.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 17.369 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

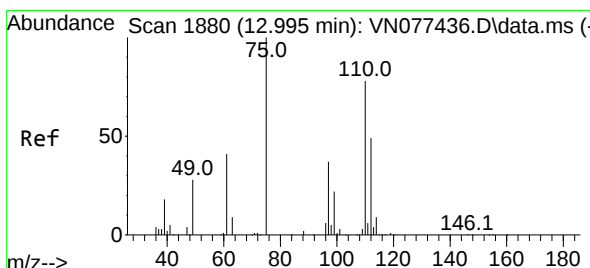
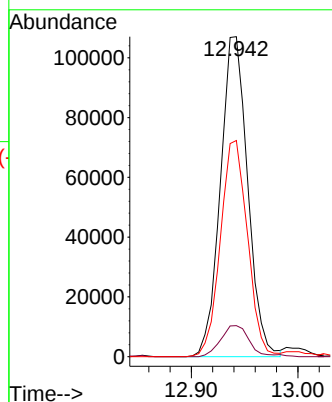
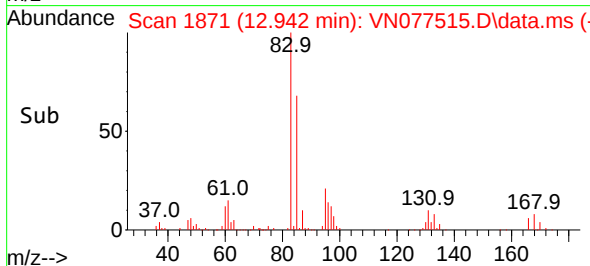
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01



Tgt Ion: 83 Resp: 190915
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 66.9 31.9 95.7

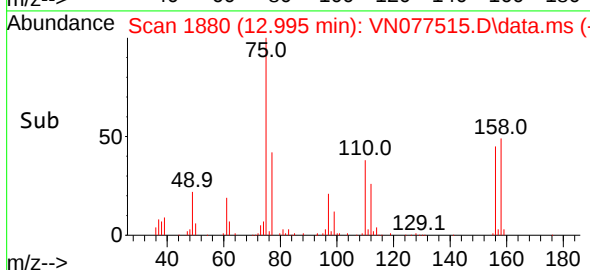
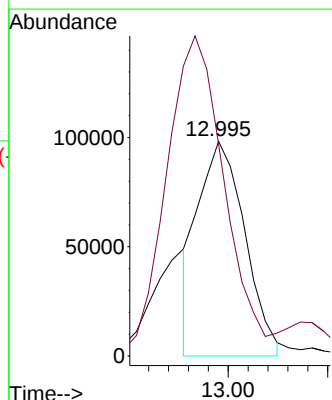
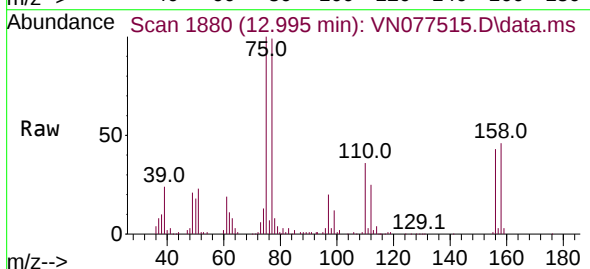
Manual Integrations
APPROVED

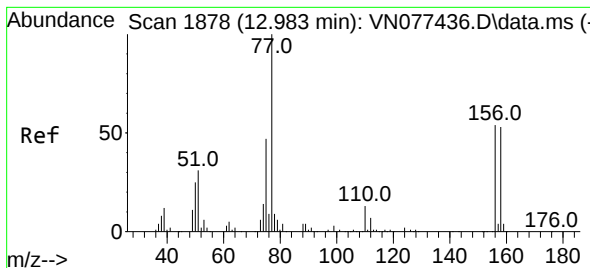
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#76
1,2,3-Trichloropropane
Concen: 18.249 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

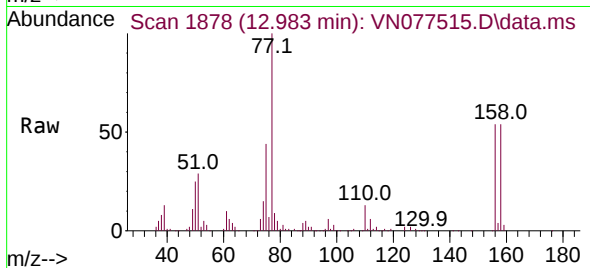
Tgt Ion: 75 Resp: 159973
Ion Ratio Lower Upper
75 100
77 186.8 84.5 253.5





#77
Bromobenzene
Concen: 17.981 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

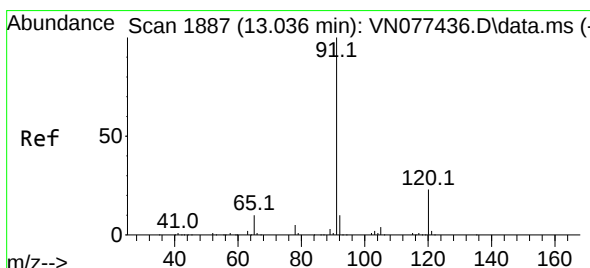
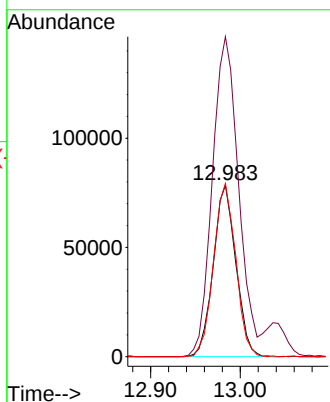
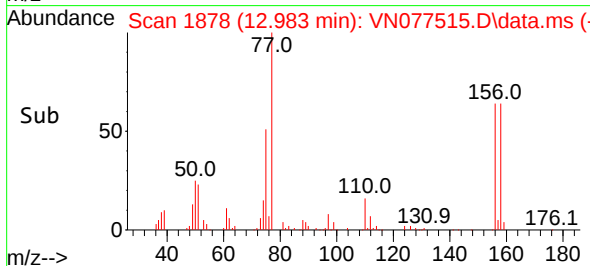
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01



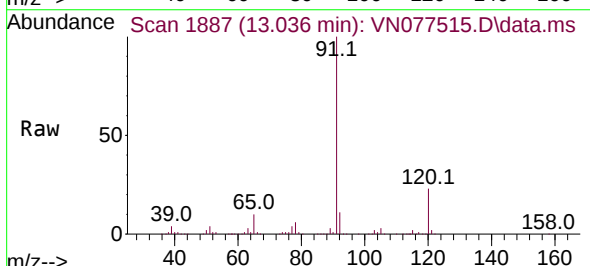
Tgt Ion:156 Resp: 137085
Ion Ratio Lower Upper
156 100
77 218.0 107.7 323.3
158 99.3 48.4 145.3

Manual Integrations
APPROVED

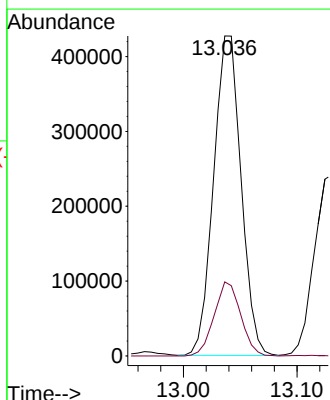
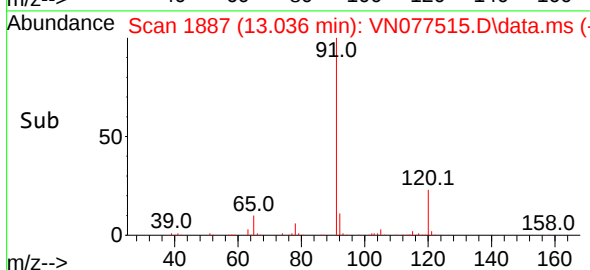
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

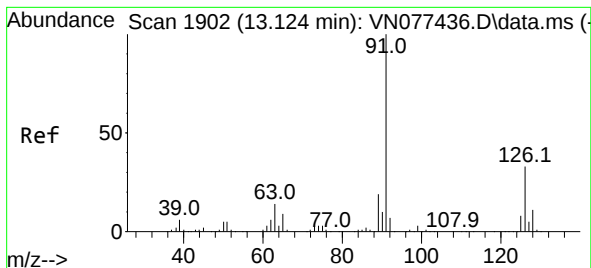


#78
n-propylbenzene
Concen: 18.563 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39



Tgt Ion: 91 Resp: 718013
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.229 ug/l

RT: 13.130 min Scan# 1902

Delta R.T. 0.006 min

Lab File: VN077515.D

Acq: 29 Apr 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01

Tgt Ion: 91 Resp: 43472

Ion Ratio Lower Upper

91 100

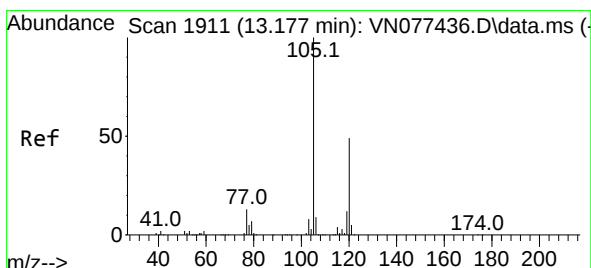
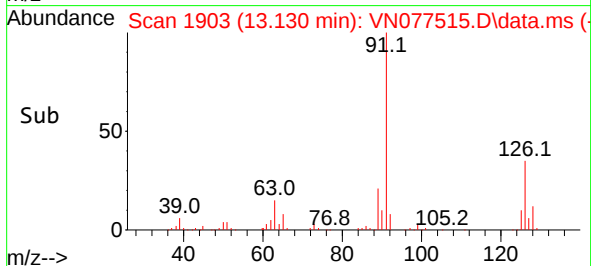
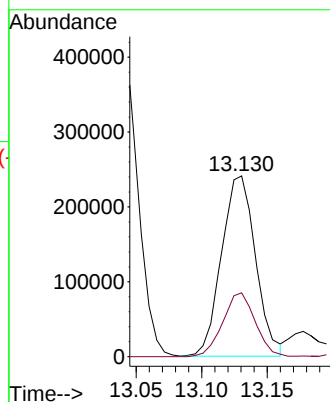
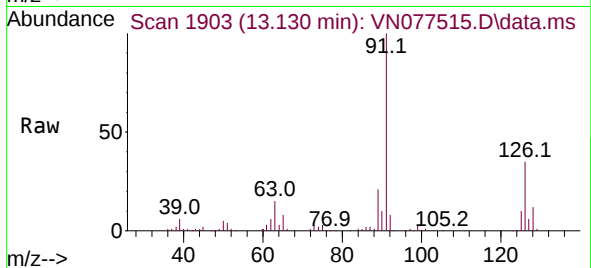
126 34.0 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#80

1,3,5-Trimethylbenzene

Concen: 18.866 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077515.D

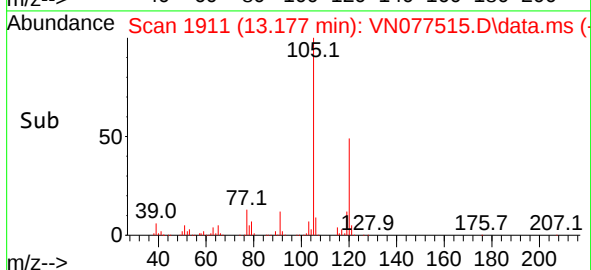
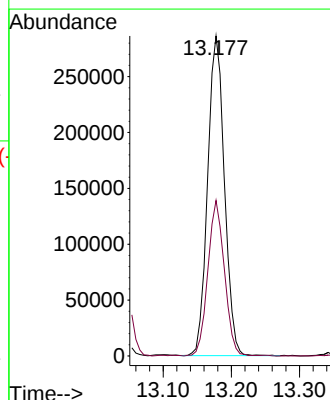
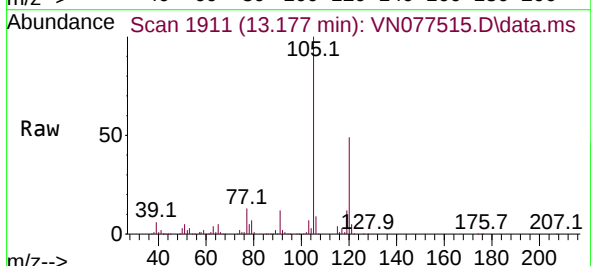
Acq: 29 Apr 2023 13:39

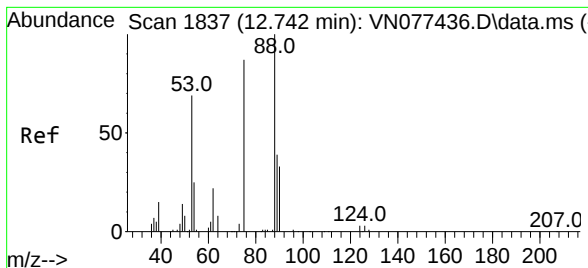
Tgt Ion:105 Resp: 490121

Ion Ratio Lower Upper

105 100

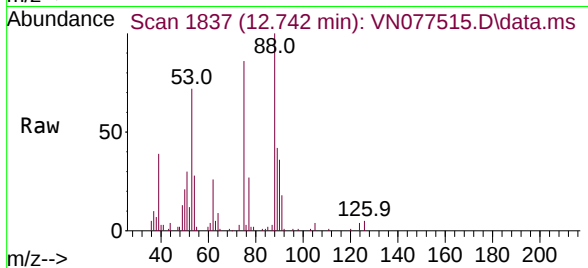
120 47.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.370 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

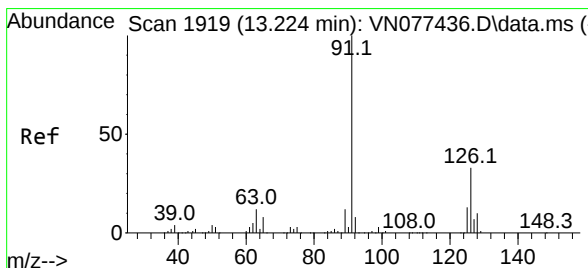
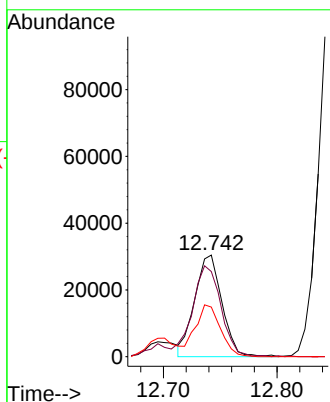
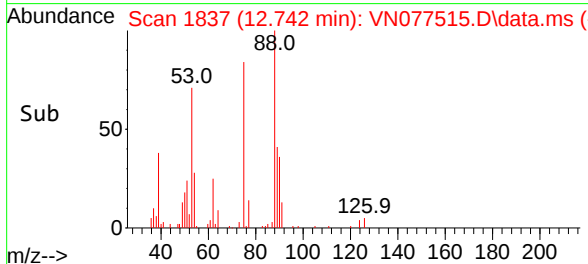
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01



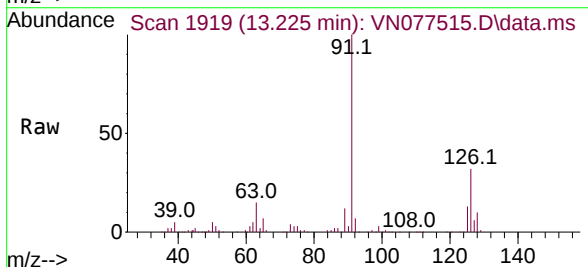
Tgt Ion: 75 Resp: 50790
Ion Ratio Lower Upper
75 100
53 93.9 67.4 101.2
89 46.3 38.8 58.2

Manual Integrations
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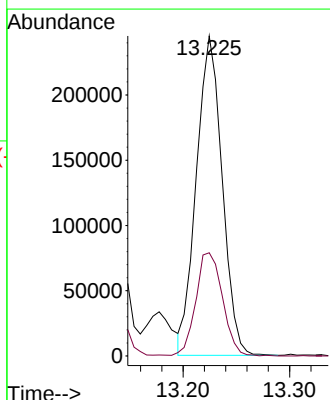
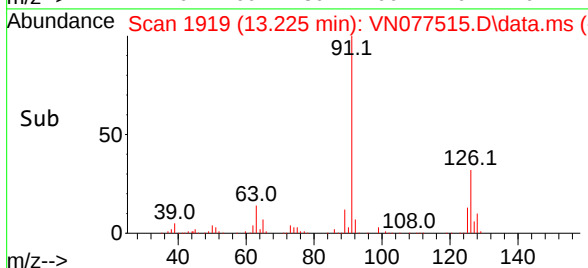
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

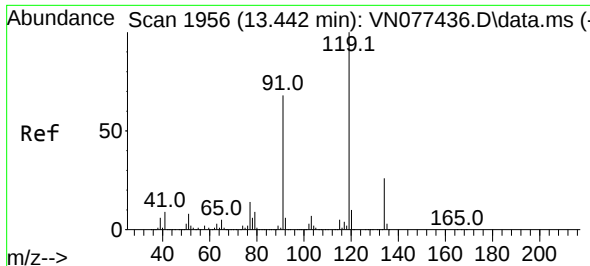


#82
4-Chlorotoluene
Concen: 18.511 ug/l
RT: 13.225 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39



Tgt Ion: 91 Resp: 412517
Ion Ratio Lower Upper
91 100
126 33.5 16.7 50.0





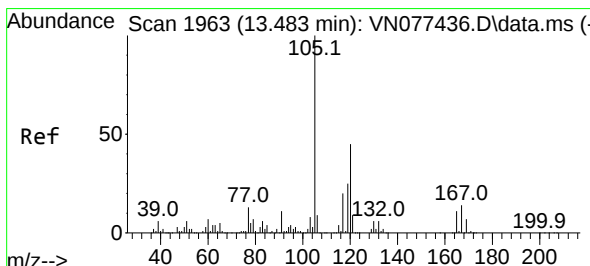
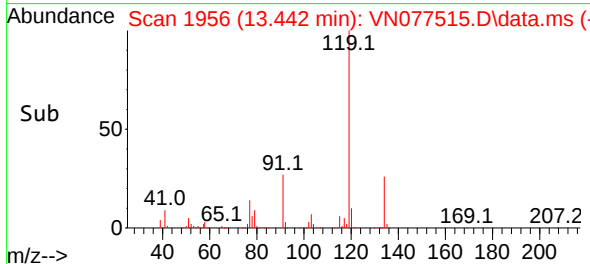
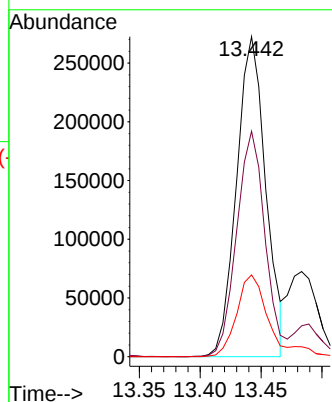
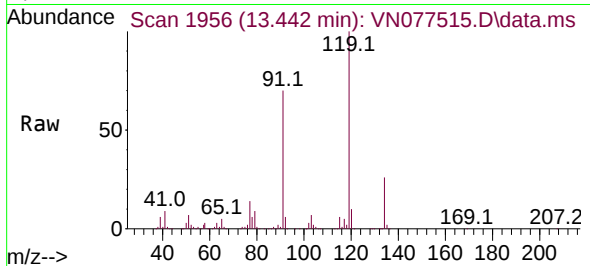
#83
tert-Butylbenzene
Concen: 18.006 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tgt Ion:119 Resp: 45427
Ion Ratio Lower Upper
119 100
91 69.0 33.9 101.7
134 28.3 13.2 39.6

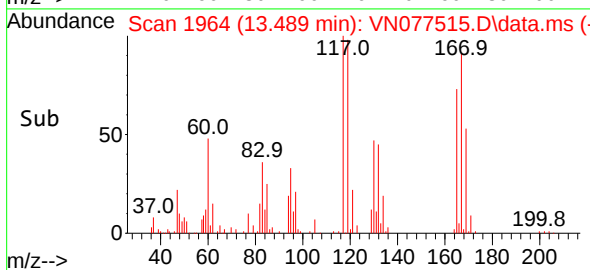
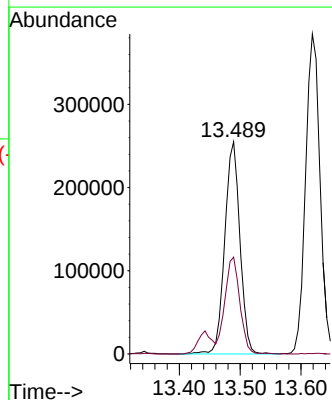
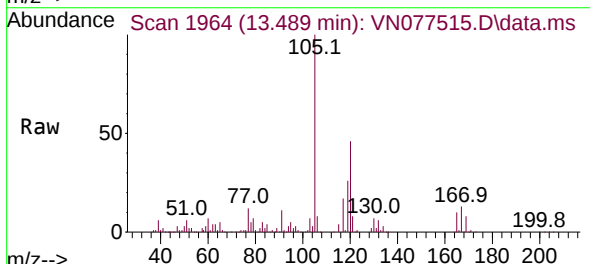
Manual Integrations
APPROVED

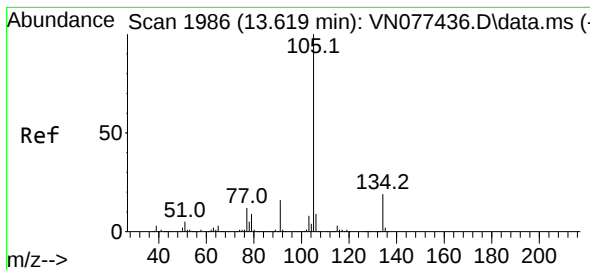
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#84
1,2,4-Trimethylbenzene
Concen: 18.215 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

Tgt Ion:105 Resp: 441936
Ion Ratio Lower Upper
105 100
120 45.1 22.0 66.0





#85

sec-Butylbenzene

Concen: 18.234 ug/l

RT: 13.619 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN077515.D

Acq: 29 Apr 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01

Tgt Ion:105 Resp: 63143

Ion Ratio Lower Upper

105 100

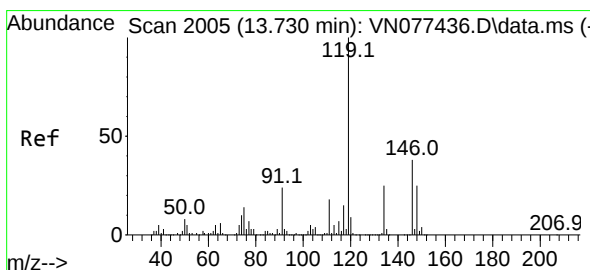
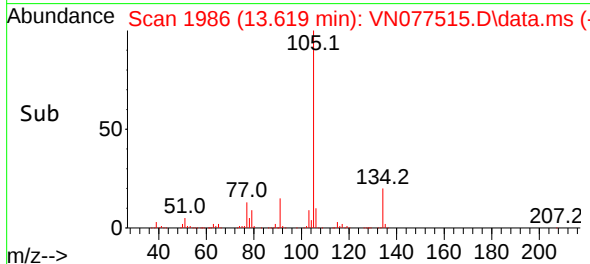
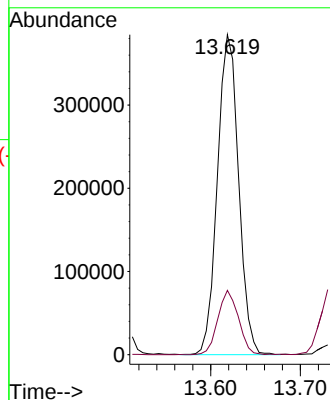
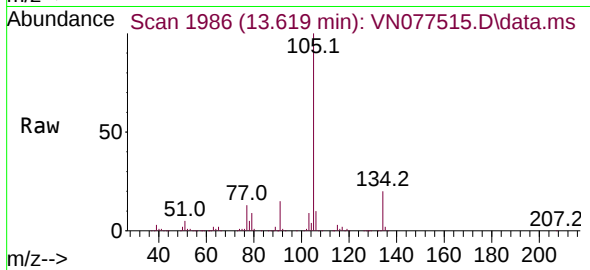
134 19.5 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#86

p-Isopropyltoluene

Concen: 18.358 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.006 min

Lab File: VN077515.D

Acq: 29 Apr 2023 13:39

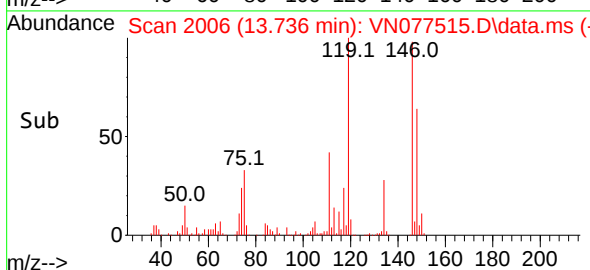
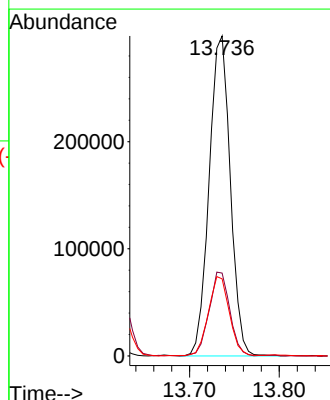
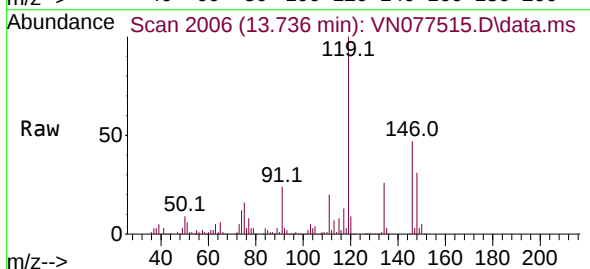
Tgt Ion:119 Resp: 489120

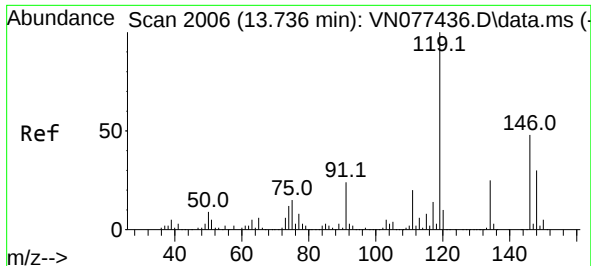
Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

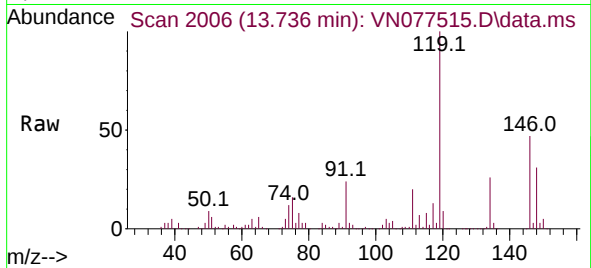
91 24.8 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 17.963 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

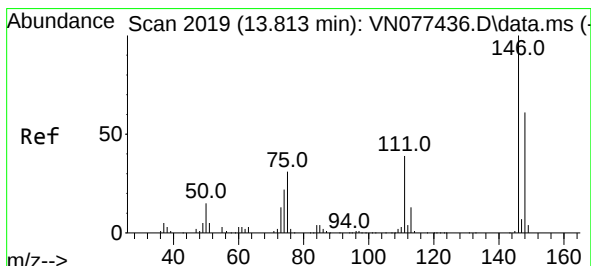
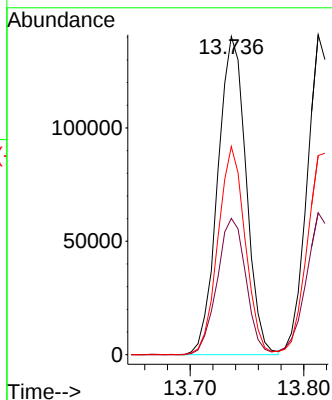
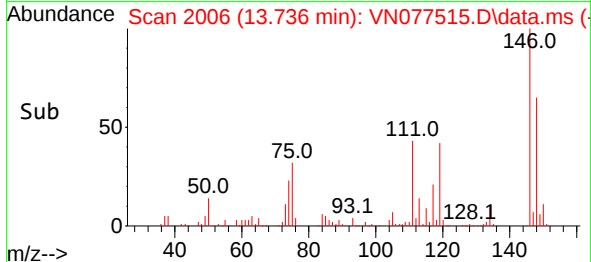
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01



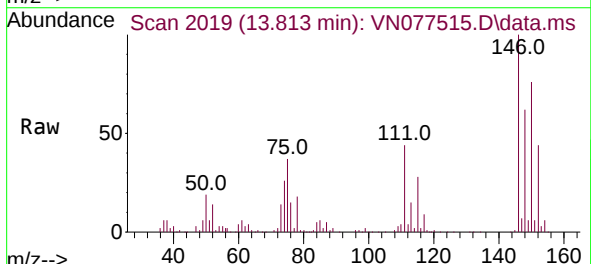
Tgt Ion:146 Resp: 243558
Ion Ratio Lower Upper
146 100
111 43.5 22.1 66.3
148 63.0 32.0 96.0

Manual Integrations
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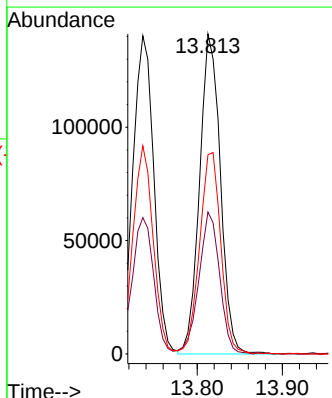
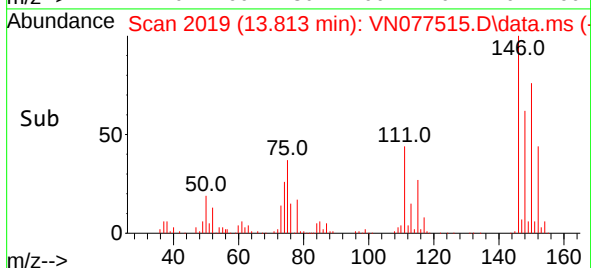
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

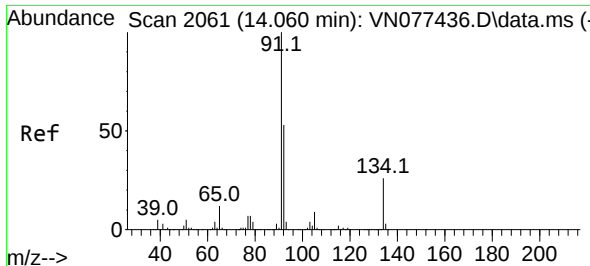


#88
1,4-Dichlorobenzene
Concen: 17.896 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39



Tgt Ion:146 Resp: 239588
Ion Ratio Lower Upper
146 100
111 44.3 20.6 61.8
148 64.2 31.6 94.8





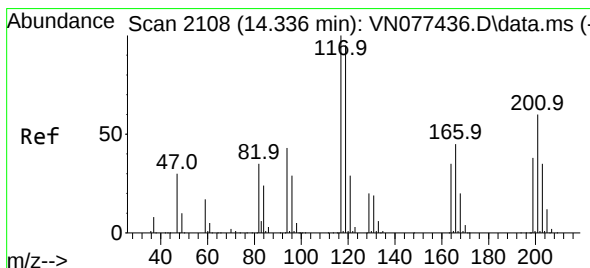
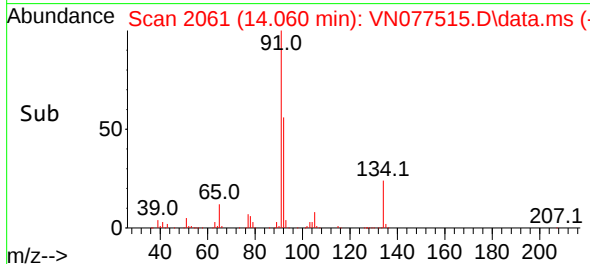
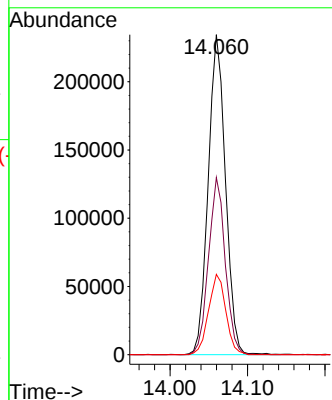
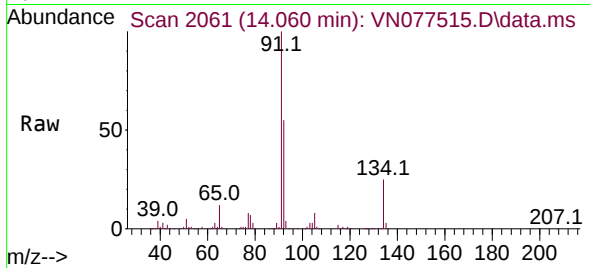
#89
n-Butylbenzene
Concen: 17.610 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tgt Ion: 91 Resp: 36310
Ion Ratio Lower Upper
91 100
92 53.8 26.4 79.0
134 25.1 12.6 37.6

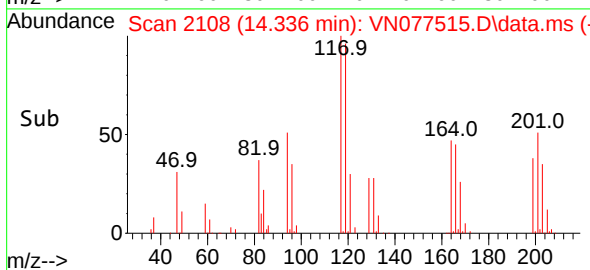
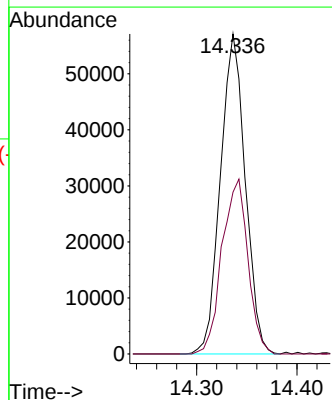
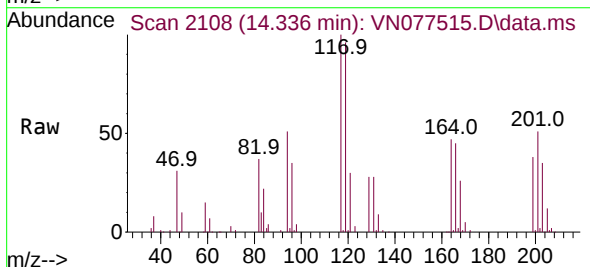
Manual Integrations
APPROVED

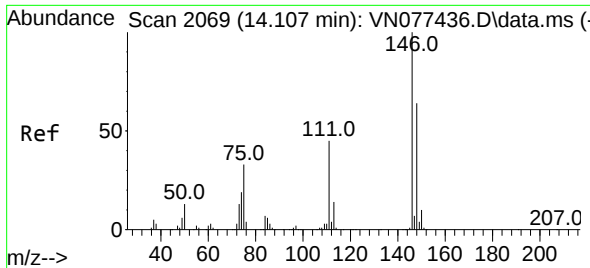
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#90
Hexachloroethane
Concen: 16.700 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

Tgt Ion:117 Resp: 98302
Ion Ratio Lower Upper
117 100
201 57.0 29.3 88.0





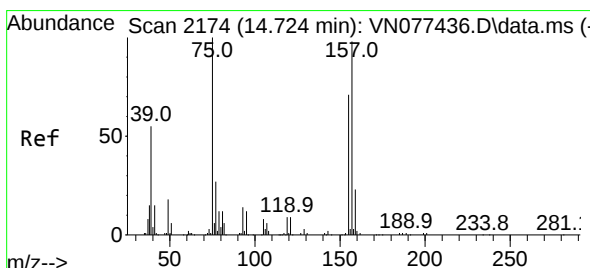
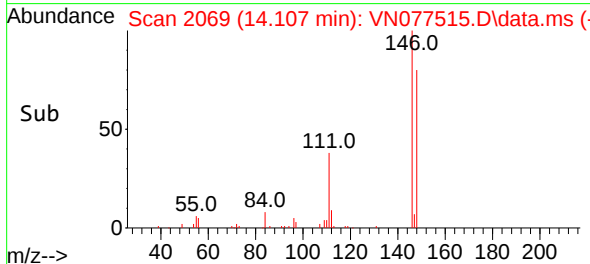
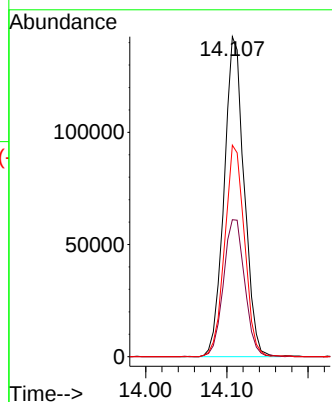
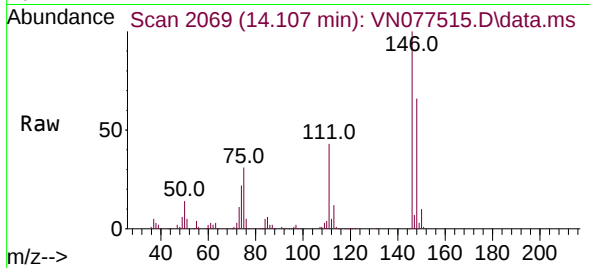
#91
1,2-Dichlorobenzene
Concen: 18.193 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Tgt Ion:146 Resp: 244654
Ion Ratio Lower Upper
146 100
111 45.5 22.0 66.0
148 65.4 31.8 95.3

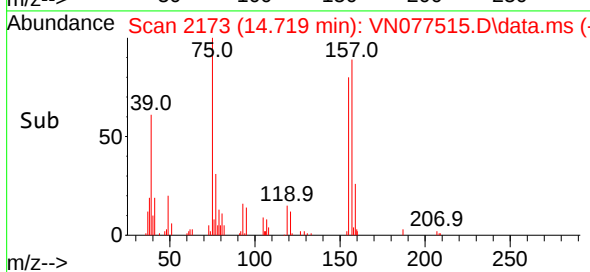
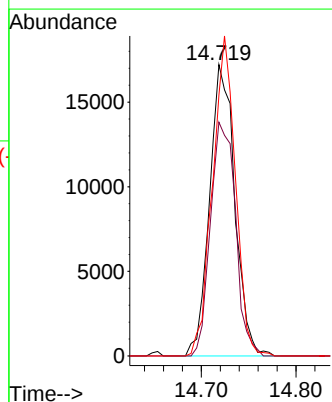
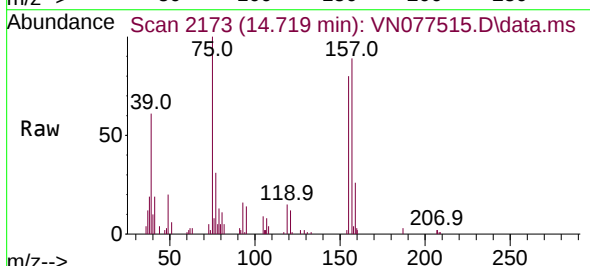
Manual Integrations
APPROVED

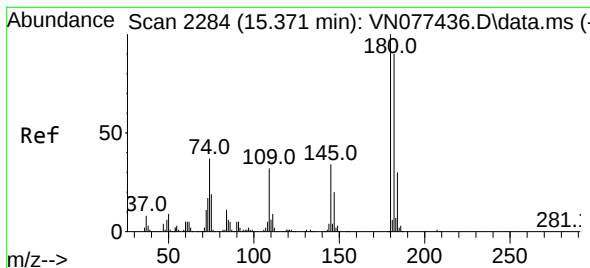
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.661 ug/l
RT: 14.719 min Scan# 2173
Delta R.T. -0.005 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

Tgt Ion: 75 Resp: 31832
Ion Ratio Lower Upper
75 100
155 79.5 39.1 117.2
157 100.1 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 16.065 ug/l

RT: 15.395 min Scan# 21

Delta R.T. 0.024 min

Lab File: VN077515.D

Acq: 29 Apr 2023 13:39

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBSD01

Tgt Ion:180 Resp: 4949

Ion Ratio Lower Upper

180 100

182 99.9 46.1 138.2

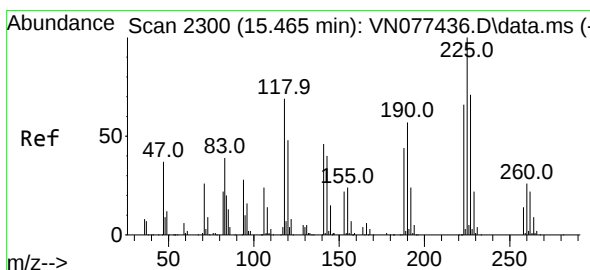
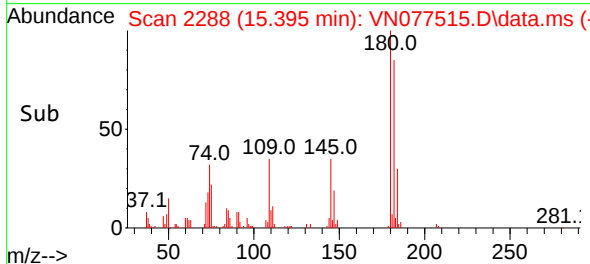
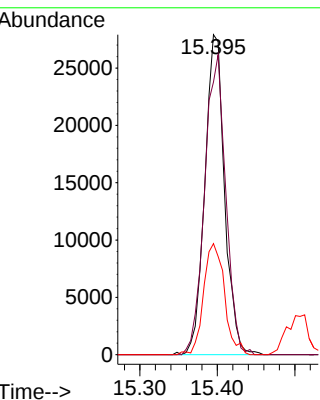
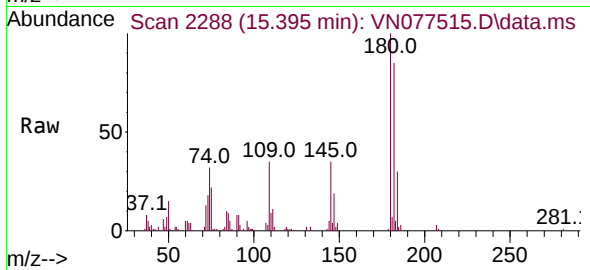
145 36.7 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#94

Hexachlorobutadiene

Concen: 19.048 ug/l

RT: 15.501 min Scan# 2306

Delta R.T. 0.036 min

Lab File: VN077515.D

Acq: 29 Apr 2023 13:39

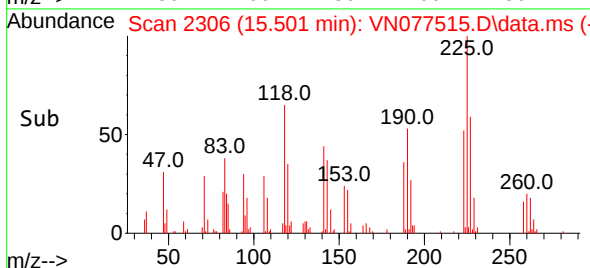
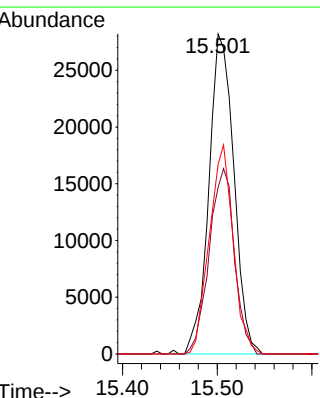
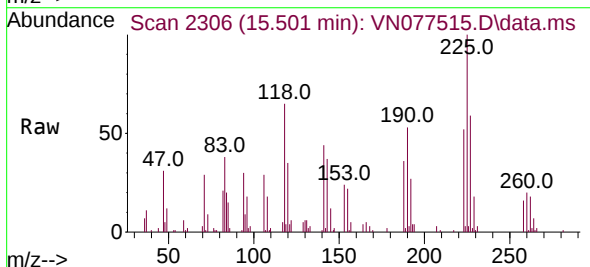
Tgt Ion:225 Resp: 51762

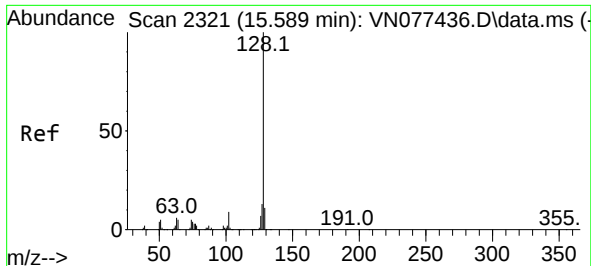
Ion Ratio Lower Upper

225 100

223 58.3 31.3 93.8

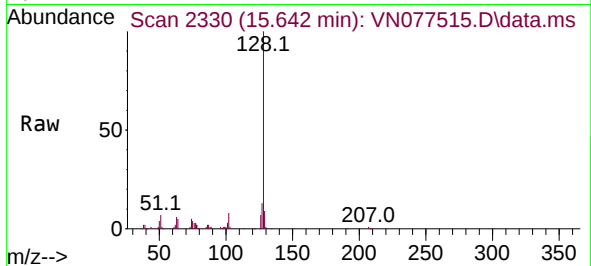
227 62.4 31.9 95.9





#95
Naphthalene
Concen: 15.990 ug/l
RT: 15.642 min Scan# 21
Delta R.T. 0.053 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39

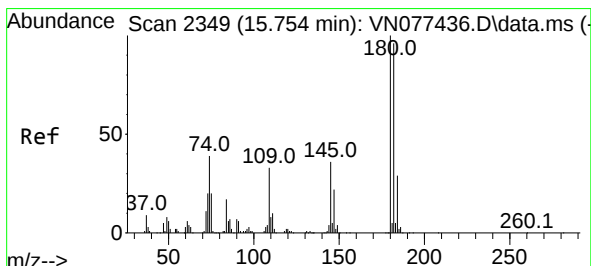
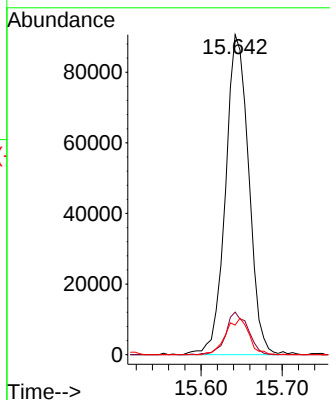
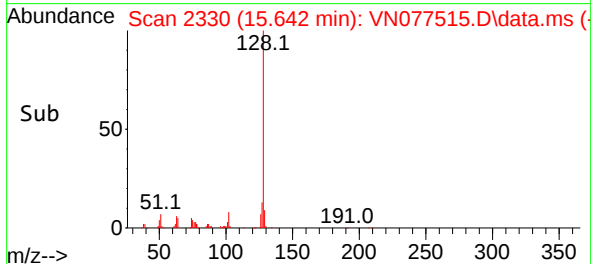
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01



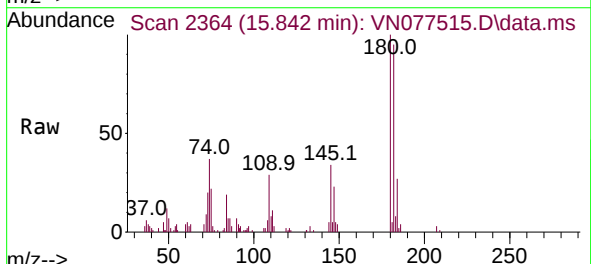
Tgt Ion:128 Resp: 179940
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 11.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.317 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. 0.088 min
Lab File: VN077515.D
Acq: 29 Apr 2023 13:39



Tgt Ion:180 Resp: 47456
Ion Ratio Lower Upper
180 100
182 98.5 46.2 138.6
145 36.7 17.5 52.6

