

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042523\
 Data File : VN077471.D
 Acq On : 25 Apr 2023 15:55
 Operator : JC\MD
 Sample : VN0425WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/26/2023
 Supervised By : Mahesh Dadoda 04/26/2023

Quant Time: Apr 26 04:19:23 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	675643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1235142	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1094075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	456115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	436485	49.509	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.020%		
35) Dibromofluoromethane	8.172	113	371578	50.053	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.100%		
50) Toluene-d8	10.566	98	1481279	52.062	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.120%		
62) 4-Bromofluorobenzene	12.854	95	500946	53.814	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	163176	19.112	ug/l	96
3) Chloromethane	2.372	50	125423	18.519	ug/l	98
4) Vinyl Chloride	2.525	62	174602	19.353	ug/l	98
5) Bromomethane	2.955	94	147368	18.856	ug/l	94
6) Chloroethane	3.125	64	127801	18.645	ug/l	94
7) Trichlorofluoromethane	3.502	101	253307	19.102	ug/l	98
8) Diethyl Ether	3.972	74	89767	18.629	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.378	101	146842	19.040	ug/l	98
10) Methyl Iodide	4.601	142	174781	18.447	ug/l	96
11) Tert butyl alcohol	5.531	59	122669	86.671	ug/l	99
12) 1,1-Dichloroethene	4.349	96	138620	18.385	ug/l	98
13) Acrolein	4.190	56	106608	75.718	ug/l	96
14) Allyl chloride	5.031	41	154841	18.471	ug/l	95
15) Acrylonitrile	5.731	53	297415	92.630	ug/l	99
16) Acetone	4.437	43	266869	95.146	ug/l	98
17) Carbon Disulfide	4.719	76	337936	17.638	ug/l	98
18) Methyl Acetate	5.037	43	199225	18.393	ug/l	99
19) Methyl tert-butyl Ether	5.801	73	488118	19.466	ug/l	99
20) Methylene Chloride	5.284	84	162415	18.259	ug/l	94
21) trans-1,2-Dichloroethene	5.790	96	153337	18.807	ug/l	96
22) Diisopropyl ether	6.678	45	362045	18.818	ug/l	95
23) Vinyl Acetate	6.607	43	1117041	92.968	ug/l	97
24) 1,1-Dichloroethane	6.578	63	260386	19.120	ug/l	97
25) 2-Butanone	7.490	43	376408	94.617	ug/l	100
26) 2,2-Dichloropropane	7.495	77	260812	19.751	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	185798	19.242	ug/l	97
28) Bromochloromethane	7.819	49	99881	19.205	ug/l	97
29) Tetrahydrofuran	7.842	42	226844	91.009	ug/l	98
30) Chloroform	7.972	83	296861	19.342	ug/l	93
31) Cyclohexane	8.266	56	225537	18.059	ug/l	94
32) 1,1,1-Trichloroethane	8.172	97	273040	19.350	ug/l	93
36) 1,1-Dichloropropene	8.372	75	221071	20.612	ug/l	98
37) Ethyl Acetate	7.566	43	153417	18.824	ug/l	99
38) Carbon Tetrachloride	8.366	117	231891	19.596	ug/l	94
39) Methylcyclohexane	9.607	83	288541	20.420	ug/l	98
40) Benzene	8.613	78	644386	19.722	ug/l	97

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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	77397	18.234	ug/l	96
42) 1,2-Dichloroethane	8.678	62	226095	20.147	ug/l	99
43) Isopropyl Acetate	8.689	43	277687	19.695	ug/l	98
44) Trichloroethene	9.354	130	170392	20.368	ug/l	99
45) 1,2-Dichloropropane	9.625	63	152890	19.976	ug/l	93
46) Dibromomethane	9.713	93	120282	19.368	ug/l	99
47) Bromodichloromethane	9.889	83	239821	19.964	ug/l	97
48) Methyl methacrylate	9.684	41	121105	18.870	ug/l	98
49) 1,4-Dioxane	9.701	88	61026	379.086	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	799401	96.664	ug/l	98
52) Toluene	10.630	92	445546	20.816	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	247666	20.361	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	265220	20.032	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	168282	19.551	ug/l	99
56) Ethyl methacrylate	10.878	69	237367	19.681	ug/l	97
57) 1,3-Dichloropropane	11.166	76	278059	20.281	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	323933	79.408	ug/l	97
59) 2-Hexanone	11.195	43	584749	97.275	ug/l	99
60) Dibromochloromethane	11.360	129	177765	19.900	ug/l	98
61) 1,2-Dibromoethane	11.472	107	170246	19.374	ug/l	98
64) Tetrachloroethene	11.107	164	129615	19.791	ug/l	95
65) Chlorobenzene	11.895	112	466863	20.166	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.960	131	166901	19.815	ug/l	97
67) Ethyl Benzene	11.966	91	838502	20.574	ug/l	99
68) m/p-Xylenes	12.072	106	649766	41.021	ug/l	99
69) o-Xylene	12.401	106	315716	20.264	ug/l	98
70) Styrene	12.413	104	508207	20.858	ug/l	99
71) Bromoform	12.577	173	113343	20.568	ug/l #	98
73) Isopropylbenzene	12.701	105	836740	19.769	ug/l	98
74) N-amyl acetate	12.495	43	224188	17.891	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	241378	18.150	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	208350m	19.644	ug/l	
77) Bromobenzene	12.983	156	176216	19.103	ug/l	98
78) n-propylbenzene	13.042	91	944493	20.182	ug/l	99
79) 2-Chlorotoluene	13.130	91	566719	19.641	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	663448	21.107	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	71718	19.103	ug/l	98
82) 4-Chlorotoluene	13.224	91	540498	20.046	ug/l	99
83) tert-Butylbenzene	13.442	119	585024	19.166	ug/l	98
84) 1,2,4-Trimethylbenzene	13.489	105	623490	21.240	ug/l	99
85) sec-Butylbenzene	13.619	105	847782	20.234	ug/l	99
86) p-Isopropyltoluene	13.736	119	667795	20.715	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	321226	19.581	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	317980	19.631	ug/l	98
89) n-Butylbenzene	14.060	91	530012	21.245	ug/l	99
90) Hexachloroethane	14.336	117	131919	18.523	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	321250	19.744	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	44266	18.000	ug/l	97
93) 1,2,4-Trichlorobenzene	15.365	180	83623	21.058	ug/l	98
94) Hexachlorobutadiene	15.465	225	68366	20.793	ug/l	99
95) Naphthalene	15.589	128	295753	20.356	ug/l	99
96) 1,2,3-Trichlorobenzene	15.760	180	78500	21.077	ug/l	99

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ClientSampleId :
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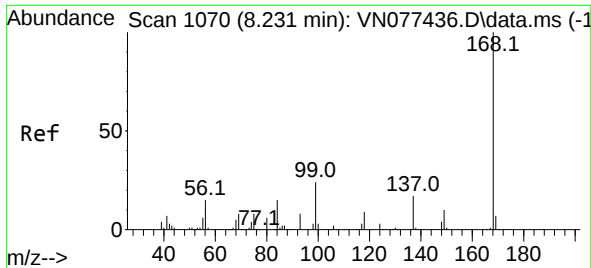
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/26/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

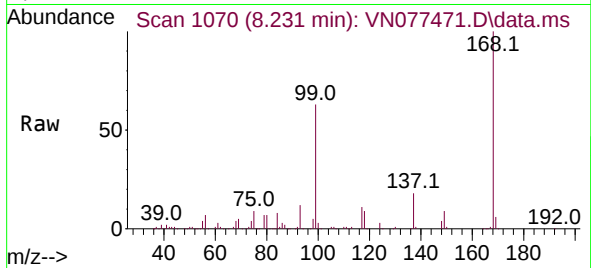
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077471.D
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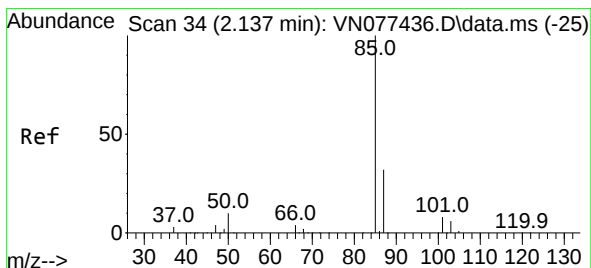
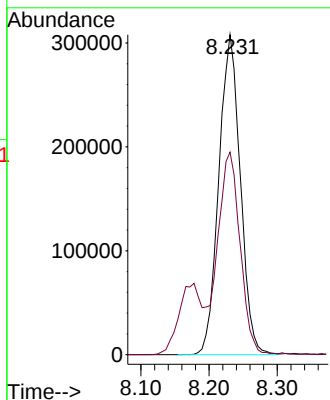
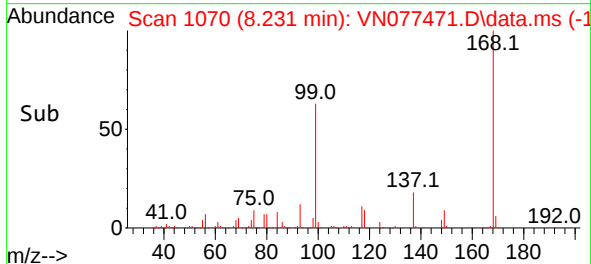
Instrument :
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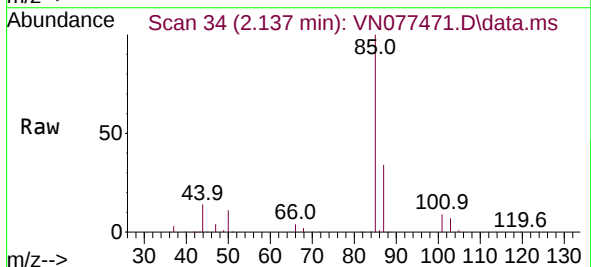
Tgt Ion:168 Resp: 67564
Ion Ratio Lower Upper
168 100
99 63.1 53.0 79.6

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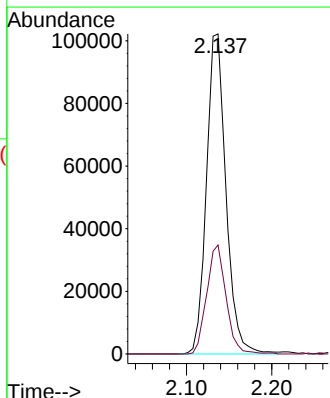
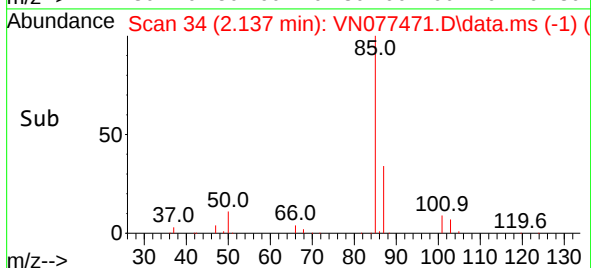
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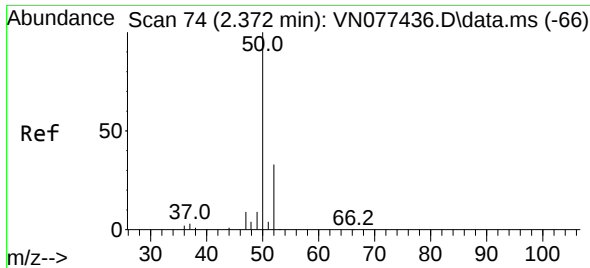


#2
Dichlorodifluoromethane
Concen: 19.112 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55



Tgt Ion: 85 Resp: 163176
Ion Ratio Lower Upper
85 100
87 34.1 15.8 47.4





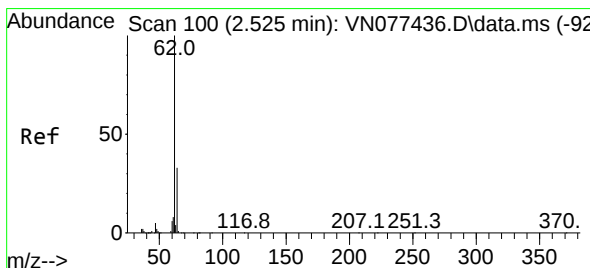
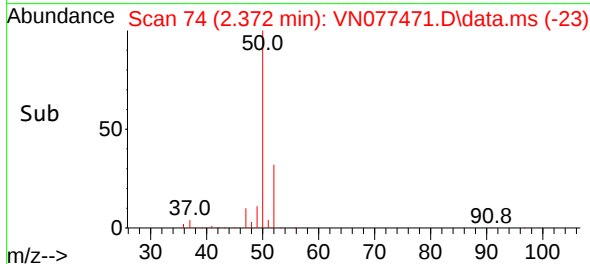
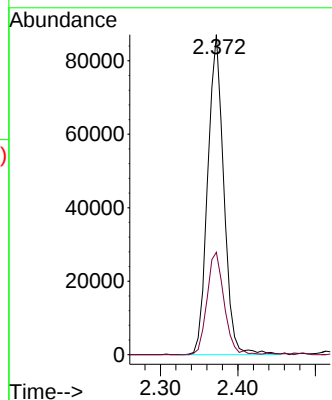
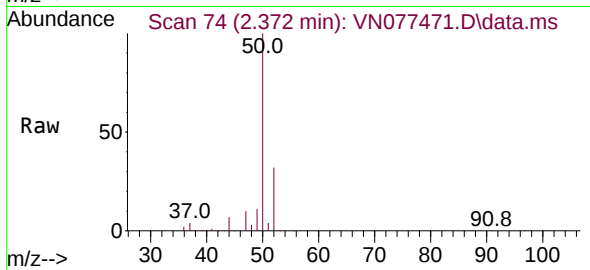
#3
Chloromethane
Concen: 18.519 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

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Tgt Ion: 50 Resp: 12542
Ion Ratio Lower Upper
50 100
52 32.0 26.5 39.7

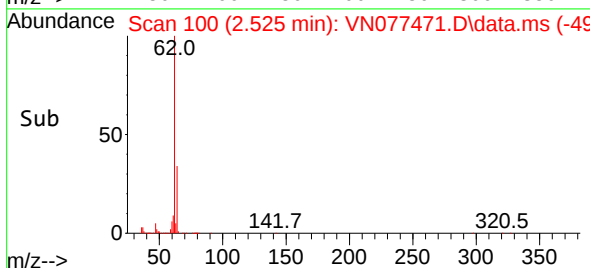
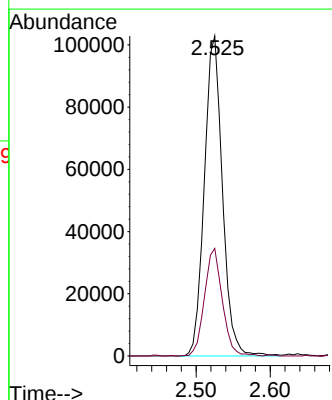
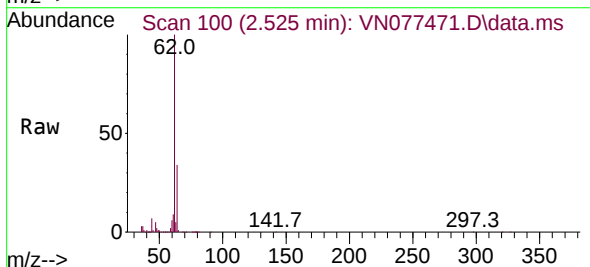
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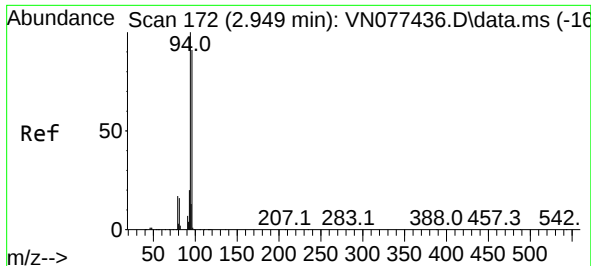
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#4
Vinyl Chloride
Concen: 19.353 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077471.D
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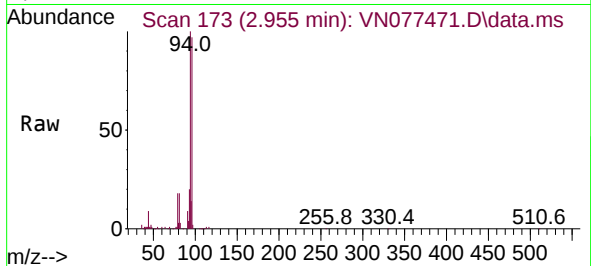
Tgt Ion: 62 Resp: 174602
Ion Ratio Lower Upper
62 100
64 33.6 26.2 39.2





#5
Bromomethane
Concen: 18.856 ug/l
RT: 2.955 min Scan# 173
Delta R.T. 0.006 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

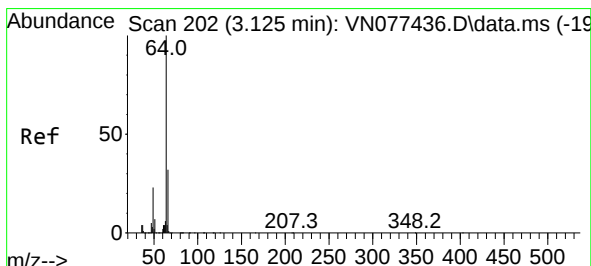
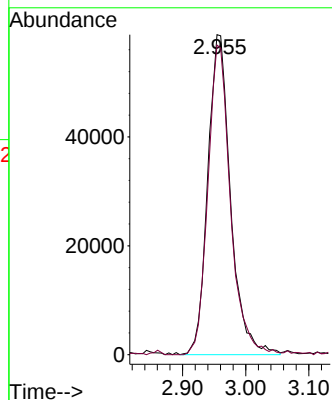
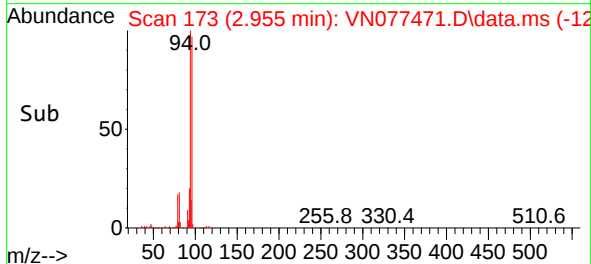
Instrument :
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Tgt Ion: 94 Resp: 147368
Ion Ratio Lower Upper
94 100
96 96.8 73.1 109.7

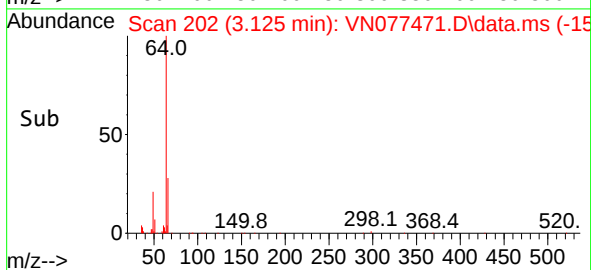
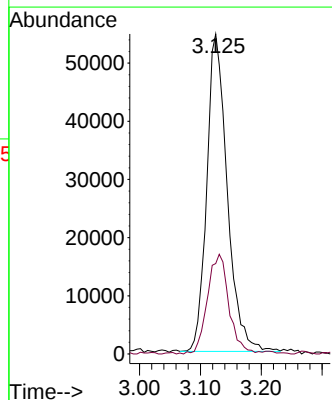
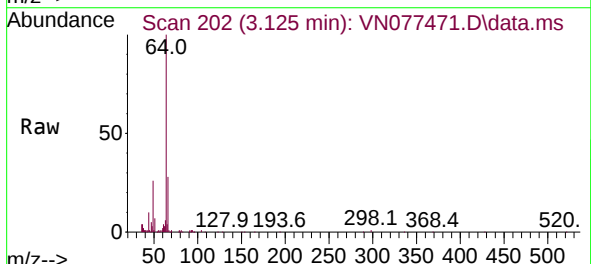
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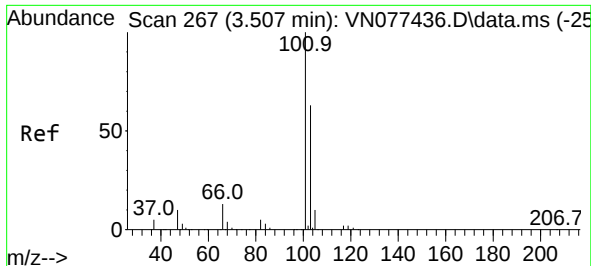
Reviewed By :John Carlone 04/26/2023
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#6
Chloroethane
Concen: 18.645 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
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Acq: 25 Apr 2023 15:55

Tgt Ion: 64 Resp: 127801
Ion Ratio Lower Upper
64 100
66 28.2 25.4 38.2





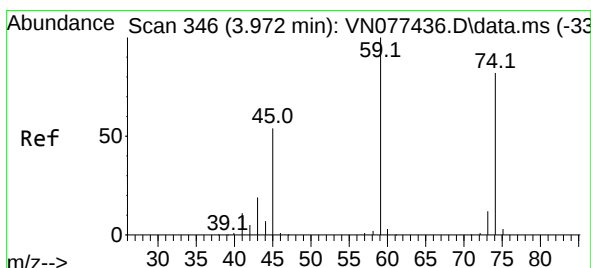
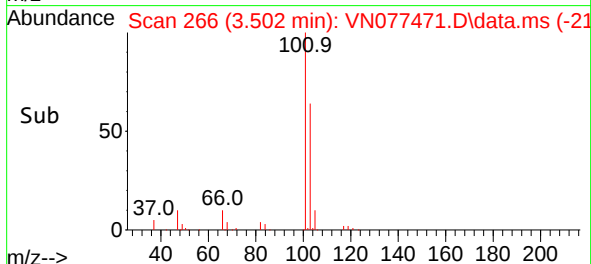
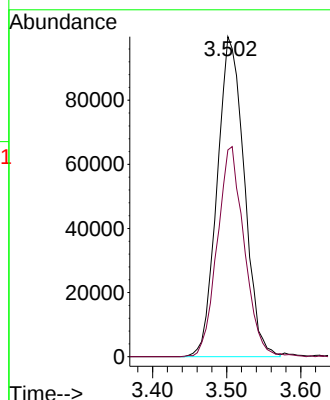
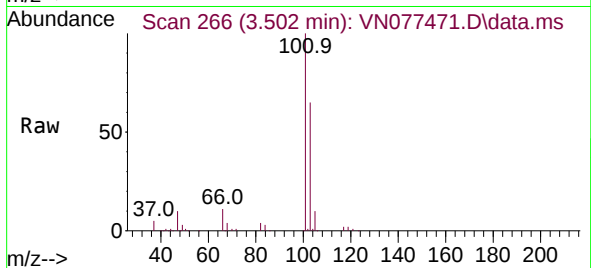
#7
Trichlorofluoromethane
Concen: 19.102 ug/l
RT: 3.502 min Scan# 266
Delta R.T. -0.006 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 25330
Ion Ratio Lower Upper
101 100
103 64.6 50.7 76.1

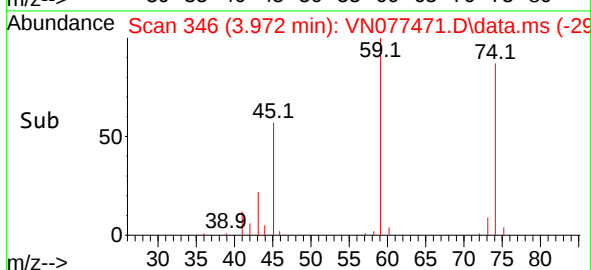
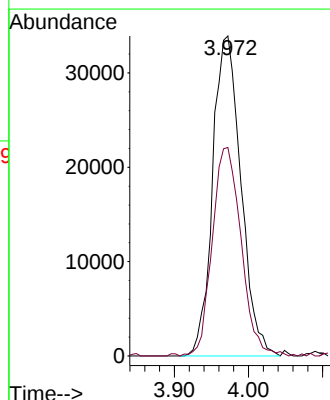
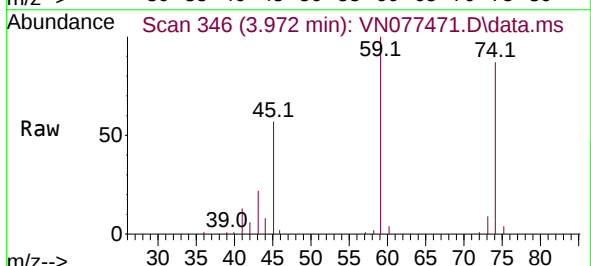
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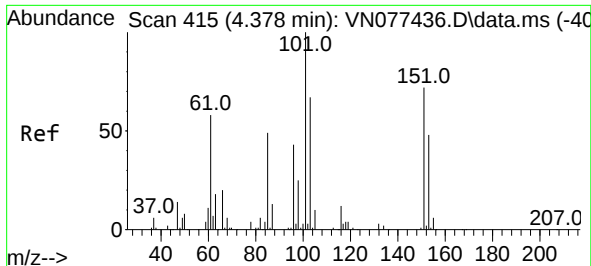
Reviewed By :John Carlone 04/26/2023
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#8
Diethyl Ether
Concen: 18.629 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

Tgt Ion: 74 Resp: 89767
Ion Ratio Lower Upper
74 100
45 66.5 34.4 103.3





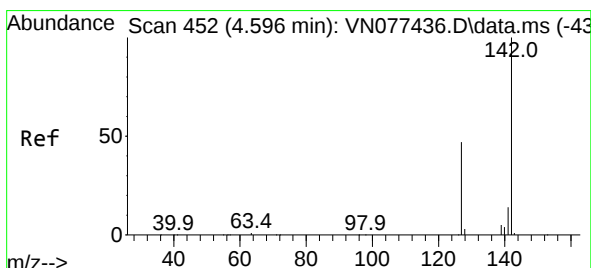
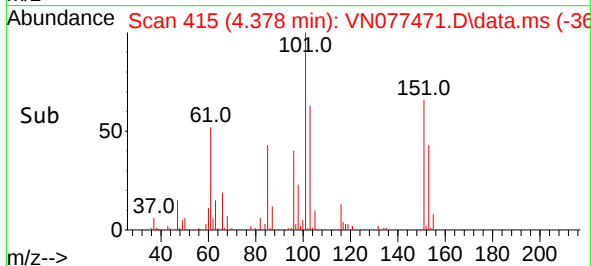
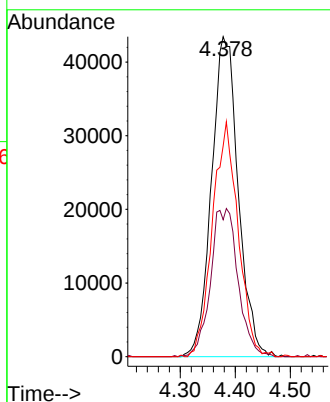
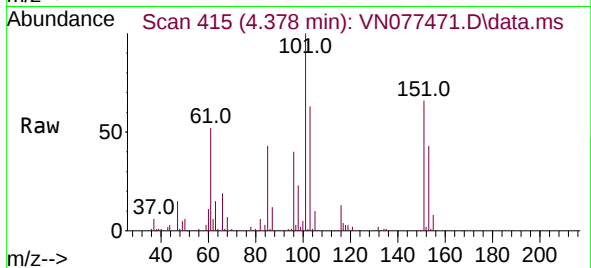
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.040 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion:101 Resp: 14684
Ion Ratio Lower Upper
101 100
85 47.5 36.6 55.0
151 70.5 57.6 86.4

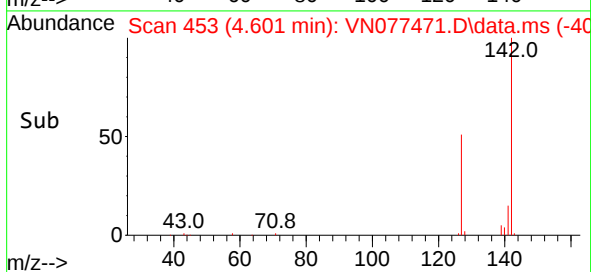
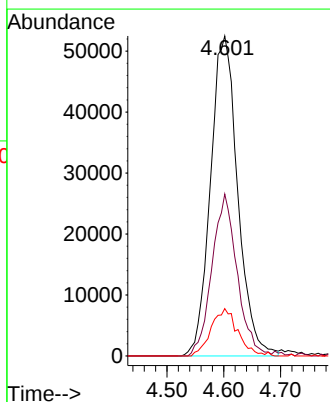
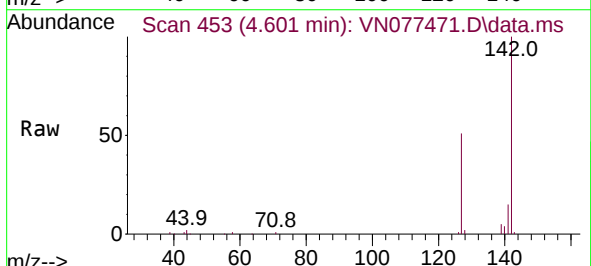
Manual Integrations
APPROVED

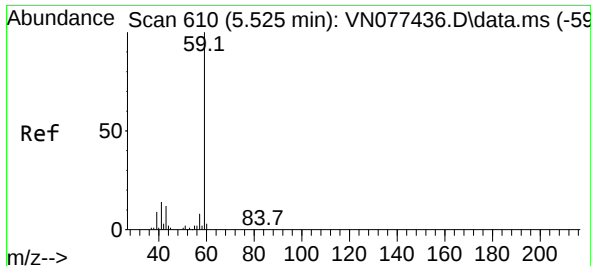
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#10
Methyl Iodide
Concen: 18.447 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

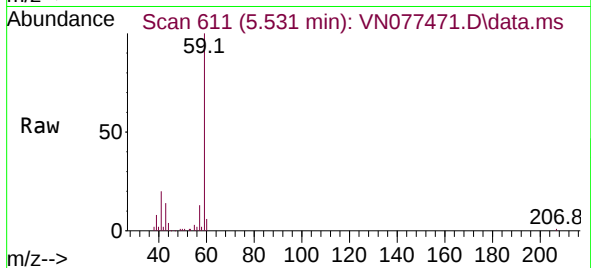
Tgt Ion:142 Resp: 174781
Ion Ratio Lower Upper
142 100
127 50.6 37.6 56.4
141 14.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 86.671 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

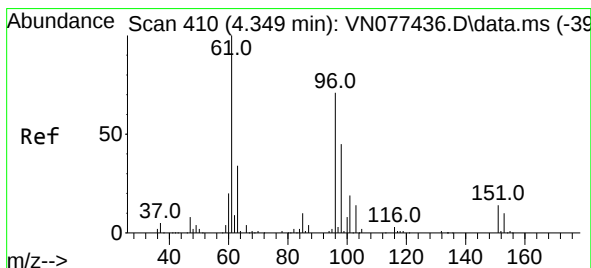
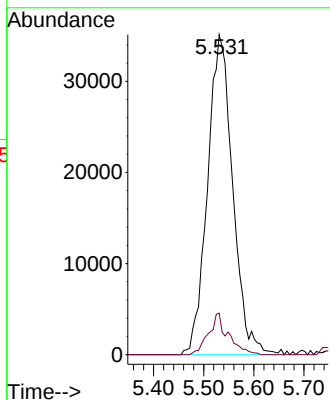
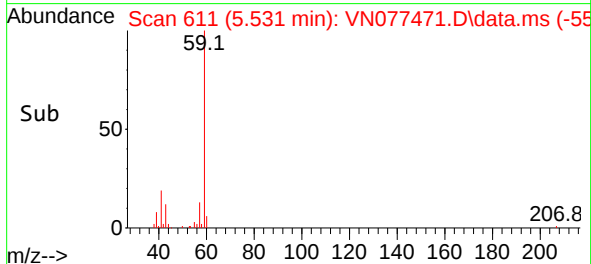
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



Tgt Ion: 59 Resp: 122669
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

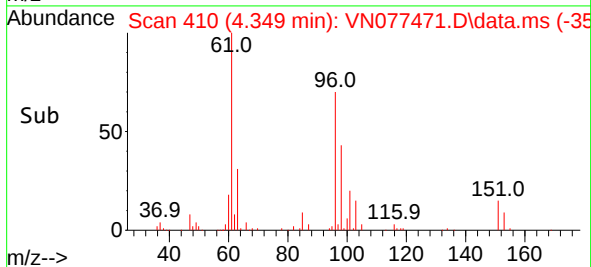
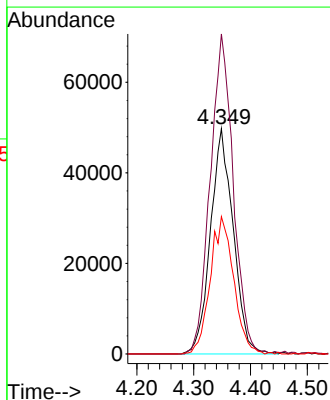
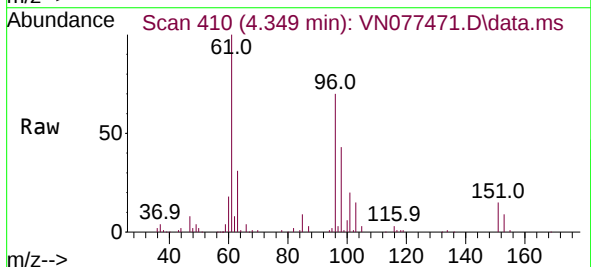
Manual Integrations
APPROVED

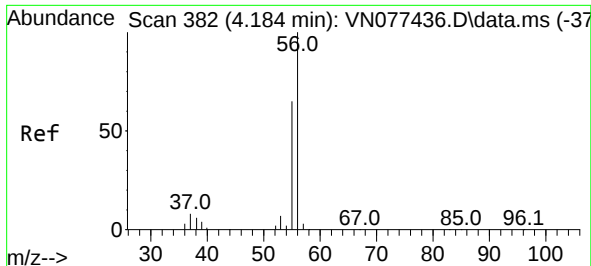
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#12
1,1-Dichloroethene
Concen: 18.385 ug/l
RT: 4.349 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

Tgt Ion: 96 Resp: 138620
Ion Ratio Lower Upper
96 100
61 142.0 112.7 169.1
98 60.9 51.2 76.8





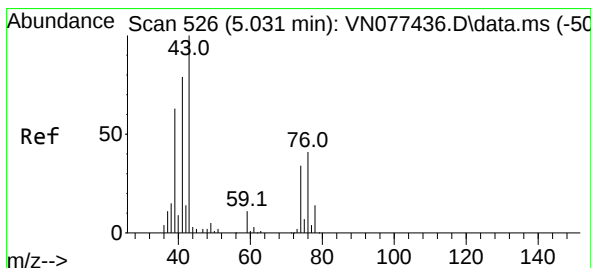
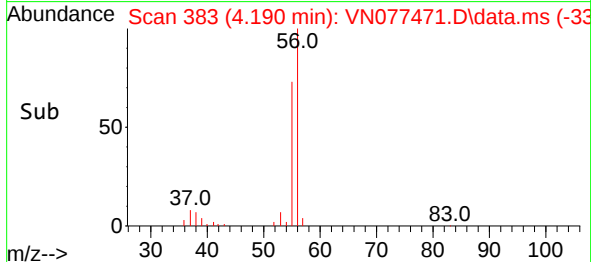
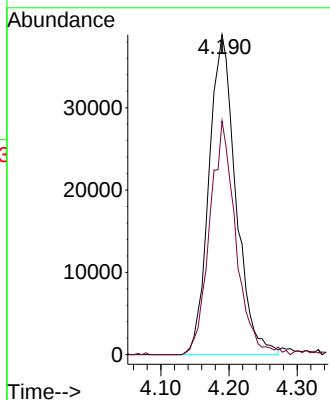
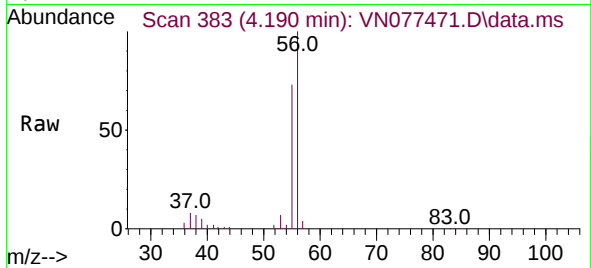
#13
Acrolein
Concen: 75.718 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion: 56 Resp: 106608
Ion Ratio Lower Upper
56 100
55 70.9 54.5 81.7

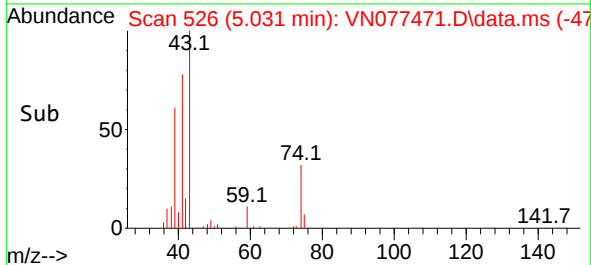
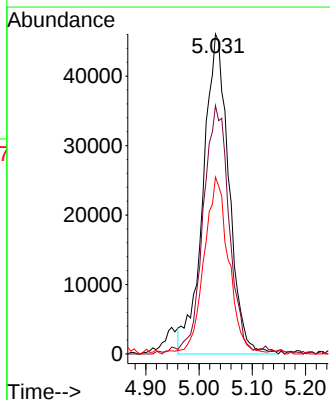
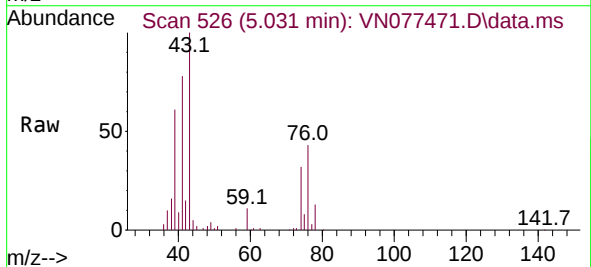
Manual Integrations
APPROVED

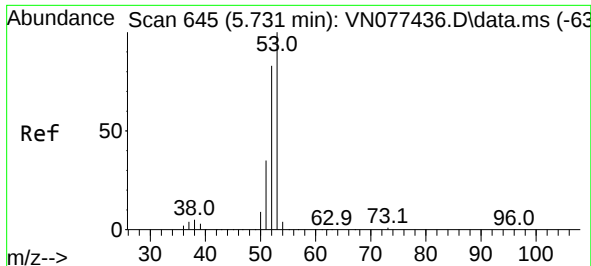
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#14
Allyl chloride
Concen: 18.471 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

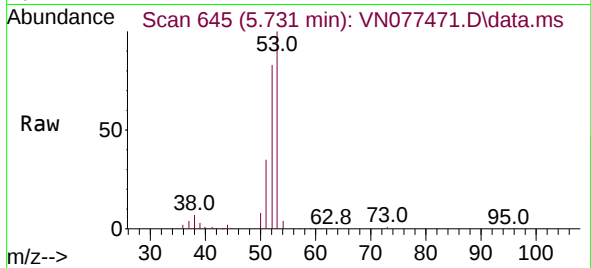
Tgt Ion: 41 Resp: 154841
Ion Ratio Lower Upper
41 100
39 76.6 58.8 88.2
76 53.1 39.1 58.7





#15
Acrylonitrile
Concen: 92.630 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

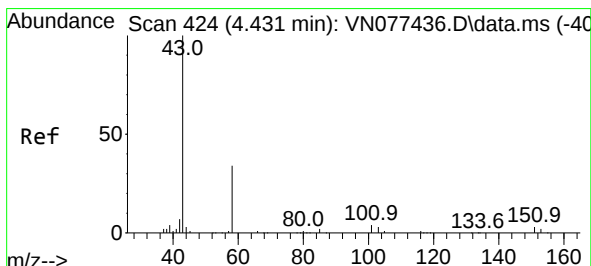
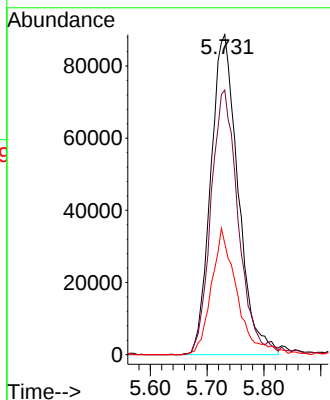
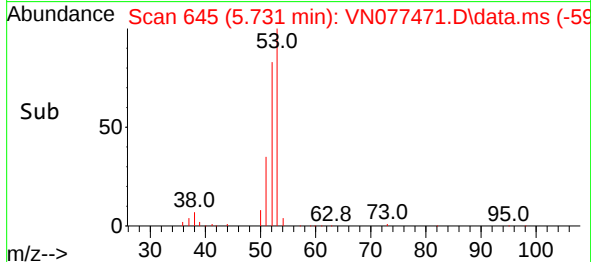
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



Tgt Ion: 53 Resp: 297415
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 37.2 28.9 43.3

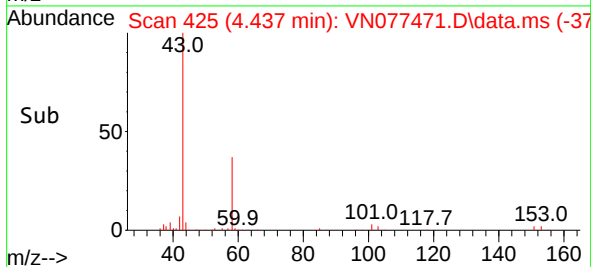
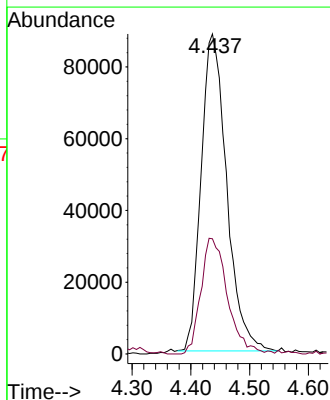
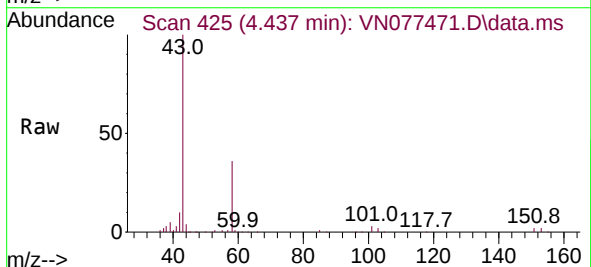
Manual Integrations
APPROVED

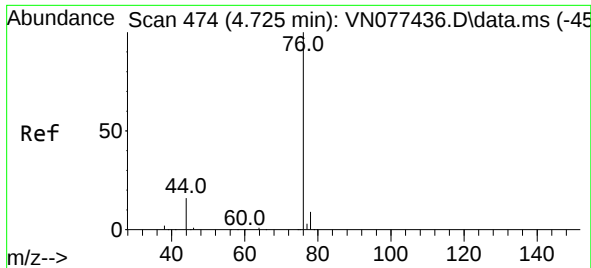
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#16
Acetone
Concen: 95.146 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

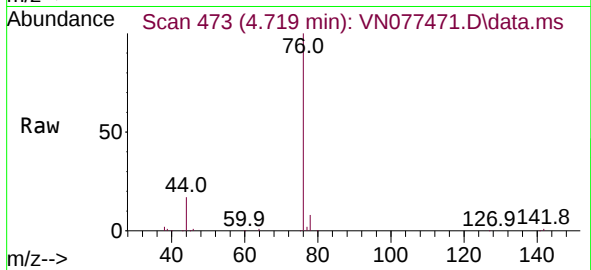
Tgt Ion: 43 Resp: 266869
Ion Ratio Lower Upper
43 100
58 36.4 28.0 42.0





#17
Carbon Disulfide
Concen: 17.638 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.006 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

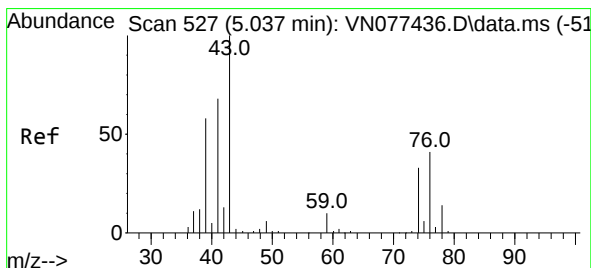
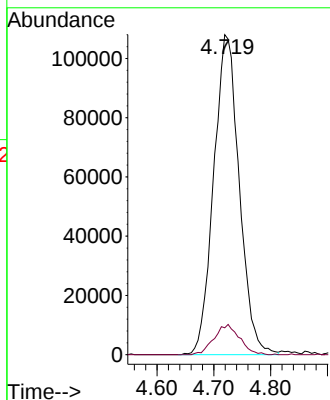
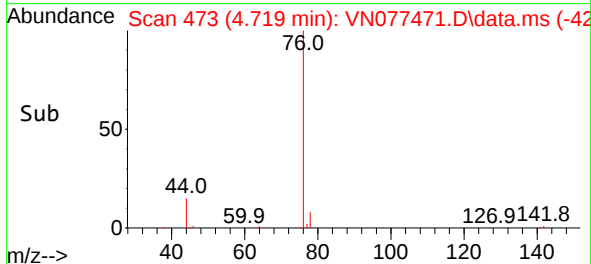
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



Tgt Ion: 76 Resp: 337936
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0

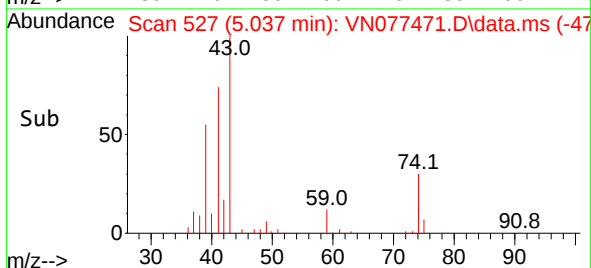
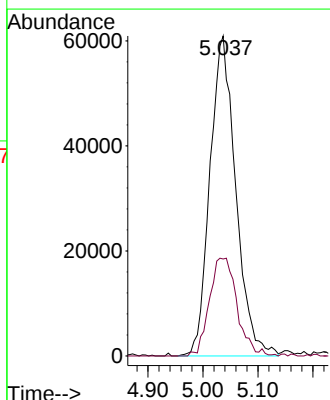
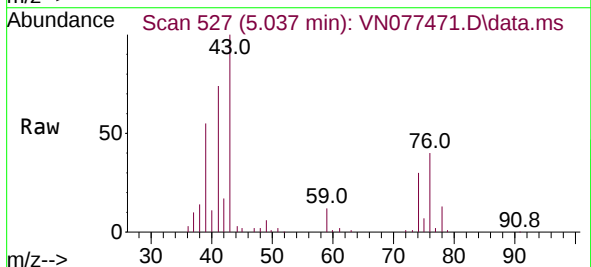
Manual Integrations
APPROVED

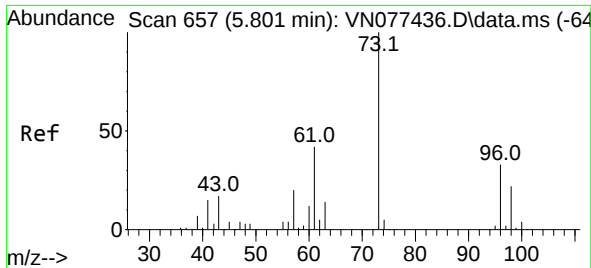
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#18
Methyl Acetate
Concen: 18.393 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

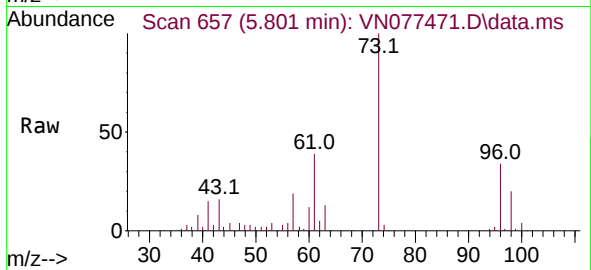
Tgt Ion: 43 Resp: 199225
Ion Ratio Lower Upper
43 100
74 32.2 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 19.466 ug/l
RT: 5.801 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

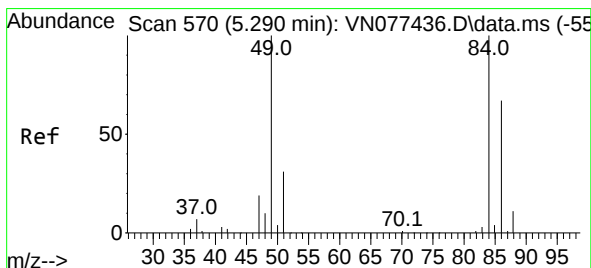
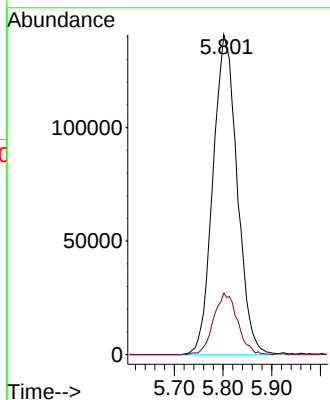
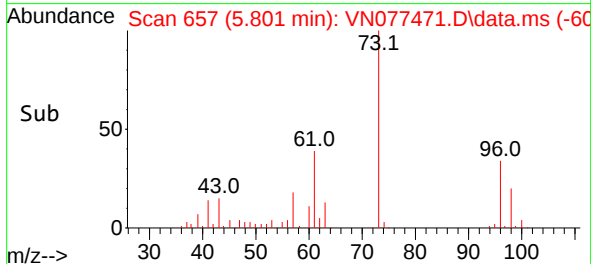
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



Tgt Ion: 73 Resp: 488118
Ion Ratio Lower Upper
73 100
57 19.2 15.6 23.4

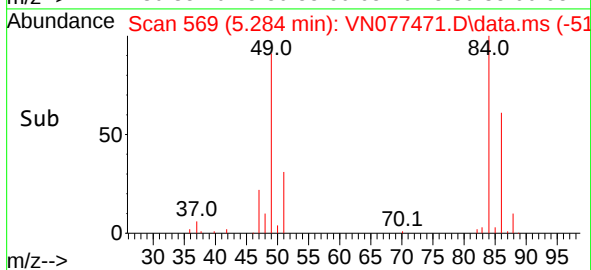
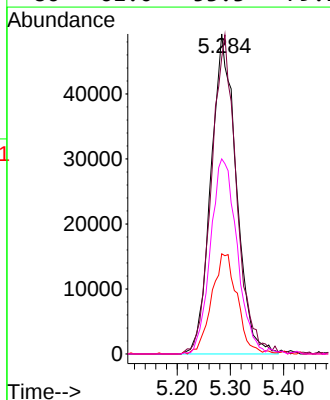
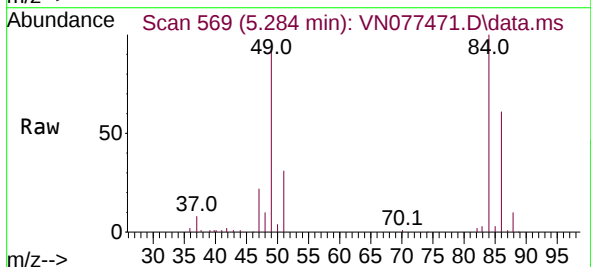
Manual Integrations
APPROVED

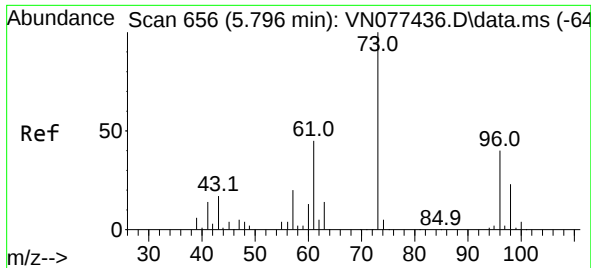
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#20
Methylene Chloride
Concen: 18.259 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

Tgt Ion: 84 Resp: 162415
Ion Ratio Lower Upper
84 100
49 92.6 79.7 119.5
51 31.3 25.2 37.8
86 61.0 53.3 79.9





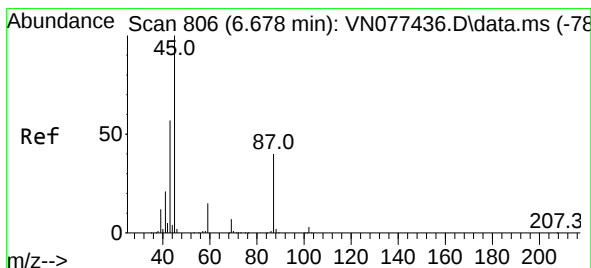
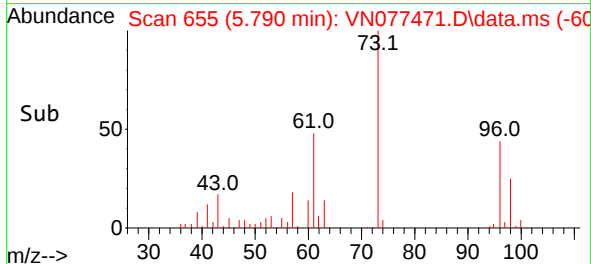
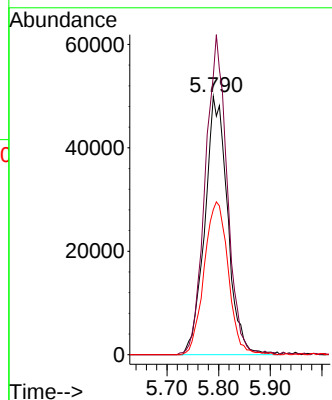
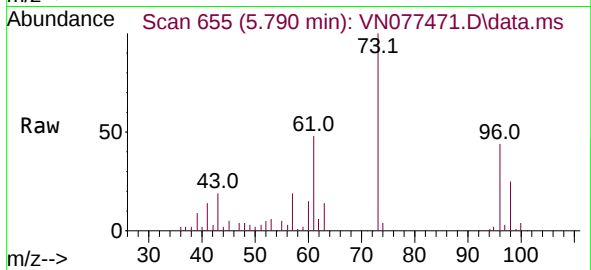
#21
trans-1,2-Dichloroethene
Concen: 18.807 ug/l
RT: 5.790 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion: 96 Resp: 15333
Ion Ratio Lower Upper
96 100
61 107.7 90.1 135.1
98 56.2 46.4 69.6

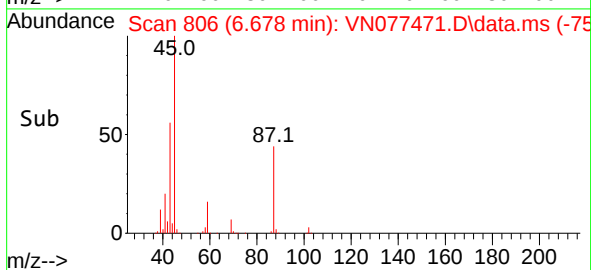
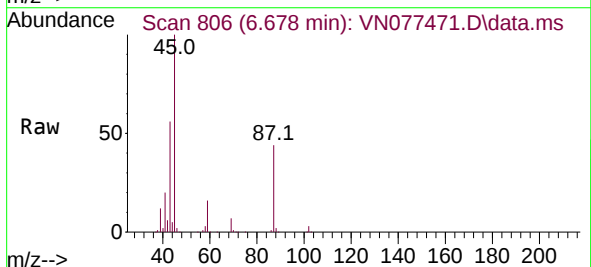
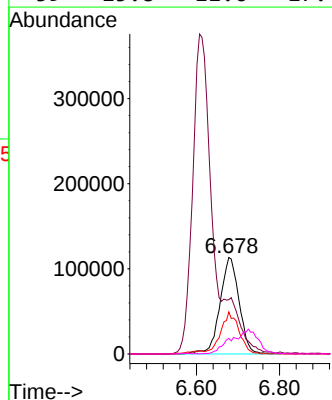
Manual Integrations
APPROVED

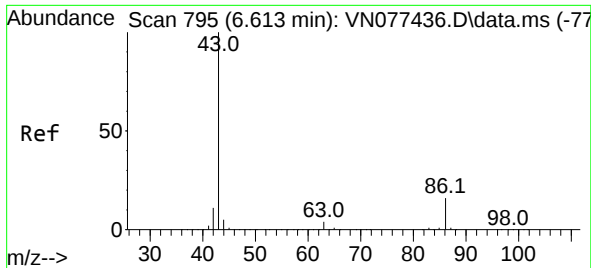
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#22
Diisopropyl ether
Concen: 18.818 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

Tgt Ion: 45 Resp: 362045
Ion Ratio Lower Upper
45 100
43 54.1 45.5 68.3
87 43.6 31.8 47.8
59 15.8 11.6 17.4





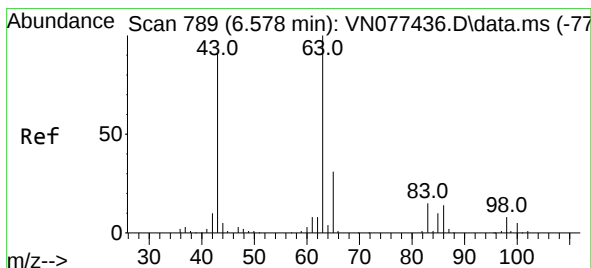
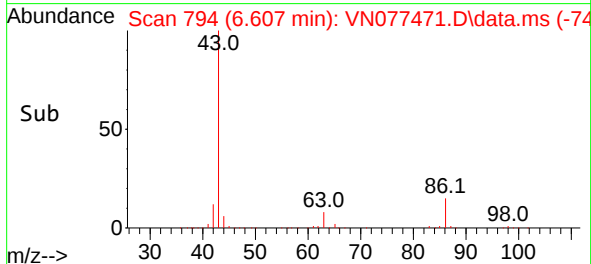
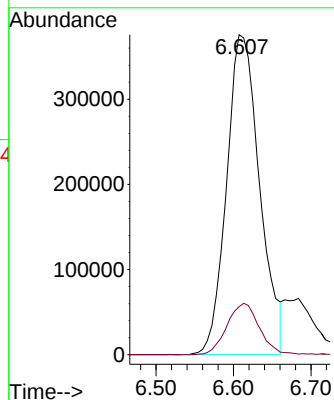
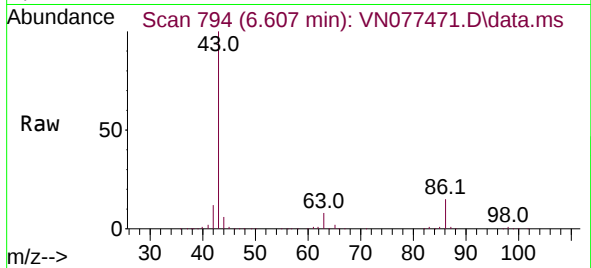
#23
 Vinyl Acetate
 Concen: 92.968 ug/l
 RT: 6.607 min Scan# 794
 Delta R.T. -0.006 min
 Lab File: VN077471.D
 Acq: 25 Apr 2023 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBSD01

Tgt Ion: 43 Resp: 111704
 Ion Ratio Lower Upper
 43 100
 86 15.0 13.0 19.6

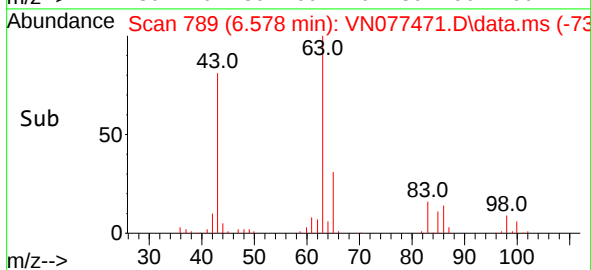
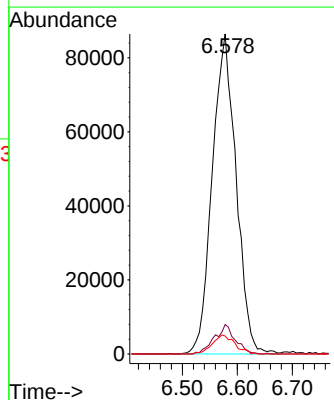
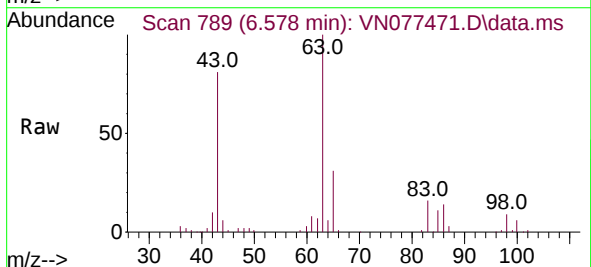
Manual Integrations
 APPROVED

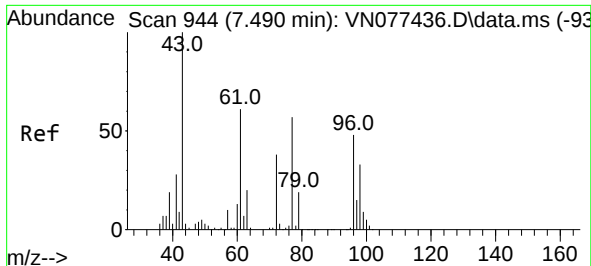
Reviewed By :John Carlone 04/26/2023
 Supervised By :Mahesh Dadoda 04/26/2023



#24
 1,1-Dichloroethane
 Concen: 19.120 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN077471.D
 Acq: 25 Apr 2023 15:55

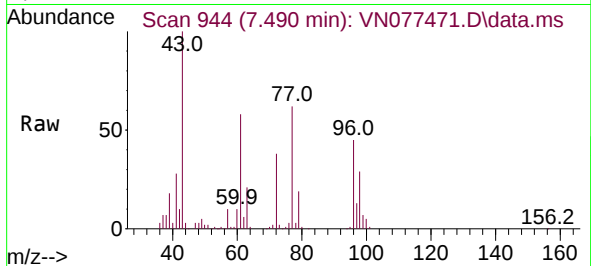
Tgt Ion: 63 Resp: 260386
 Ion Ratio Lower Upper
 63 100
 98 9.2 3.9 11.7
 100 5.6 2.5 7.4





#25
2-Butanone
Concen: 94.617 ug/l
RT: 7.490 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

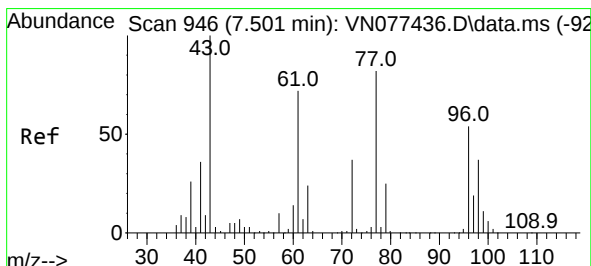
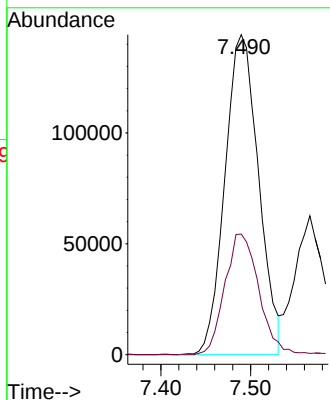
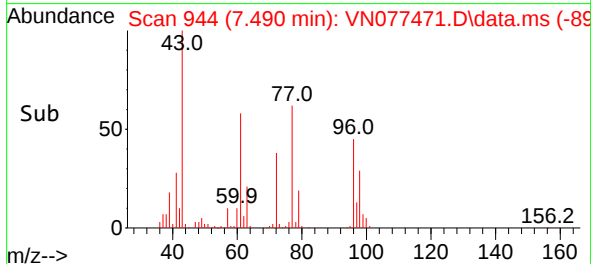
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



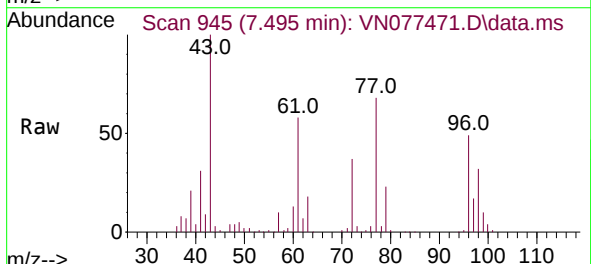
Tgt Ion: 43 Resp: 376408
Ion Ratio Lower Upper
43 100
72 37.7 30.2 45.2

Manual Integrations
APPROVED

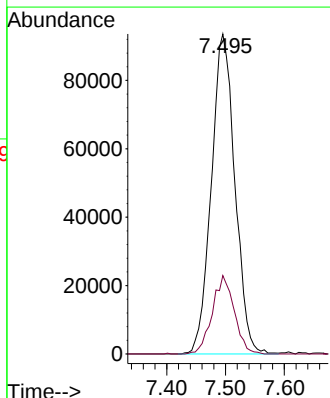
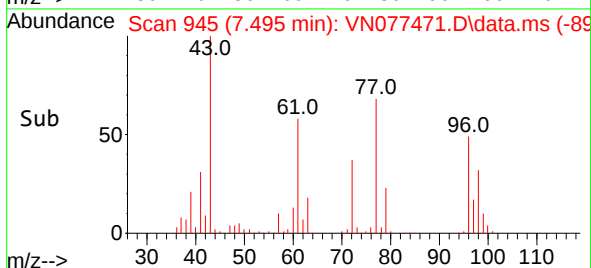
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

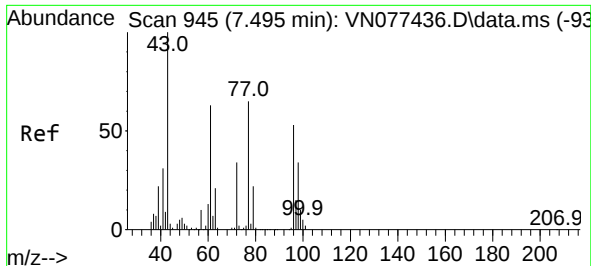


#26
2,2-Dichloropropane
Concen: 19.751 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55



Tgt Ion: 77 Resp: 260812
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 19.242 ug/l

RT: 7.495 min Scan# 945

Delta R.T. -0.000 min

Lab File: VN077471.D

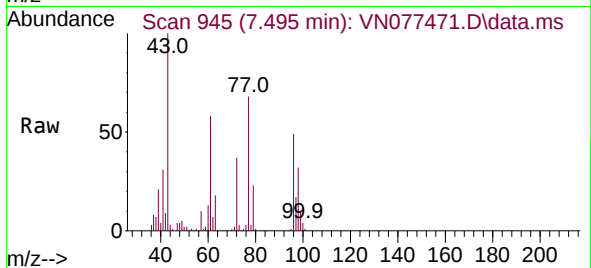
Acq: 25 Apr 2023 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01



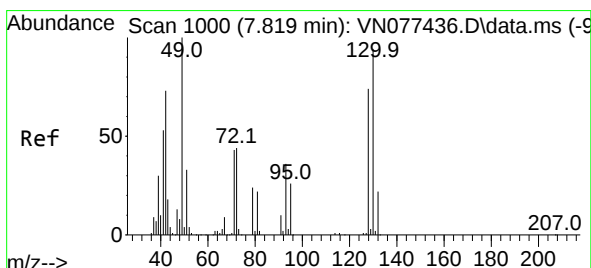
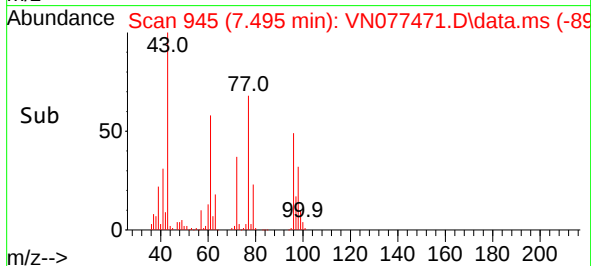
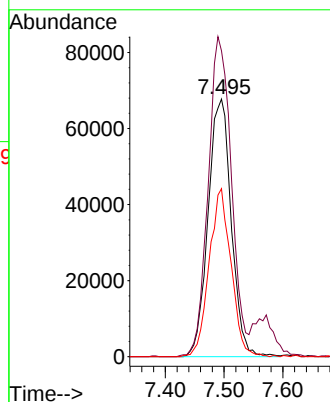
Tgt Ion:	96	Resp:	185798
Ion Ratio	100	Lower	Upper
96	100		
61	124.4	0.0	255.2
98	61.4	0.0	128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#28

Bromochloromethane

Concen: 19.205 ug/l

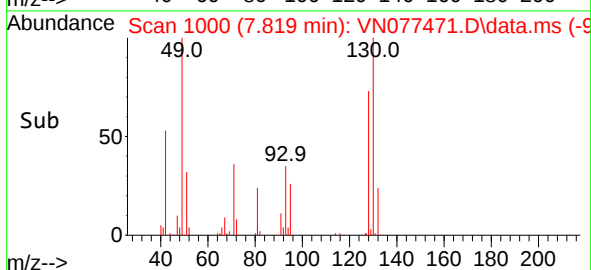
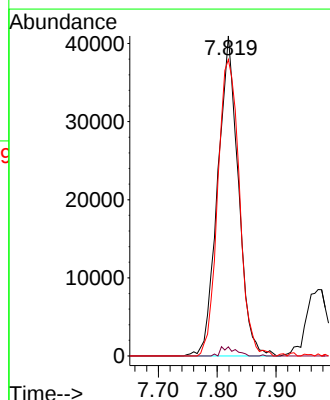
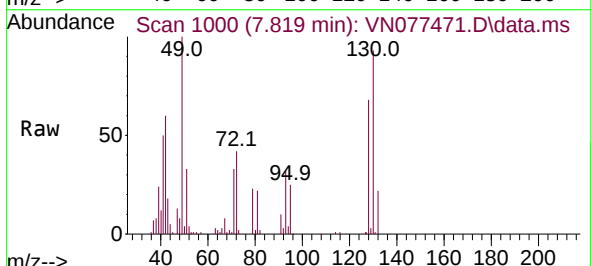
RT: 7.819 min Scan# 1000

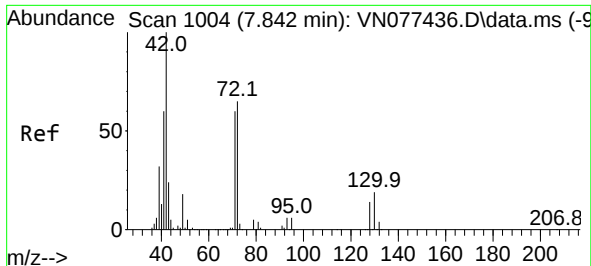
Delta R.T. 0.000 min

Lab File: VN077471.D

Acq: 25 Apr 2023 15:55

Tgt Ion:	49	Resp:	99881
Ion Ratio	100	Lower	Upper
49	100		
129	2.1	0.0	4.8
130	97.0	75.3	112.9





#29

Tetrahydrofuran

Concen: 91.009 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VN077471.D

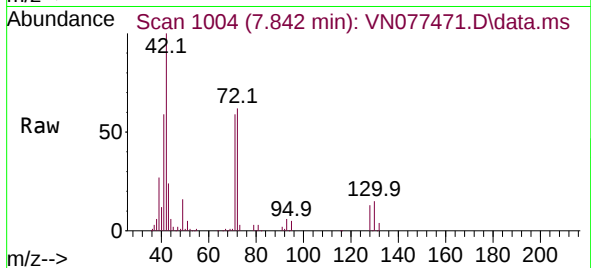
Acq: 25 Apr 2023 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01



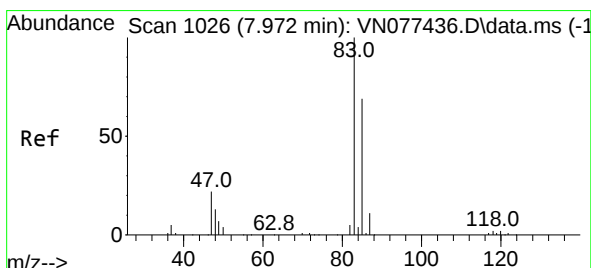
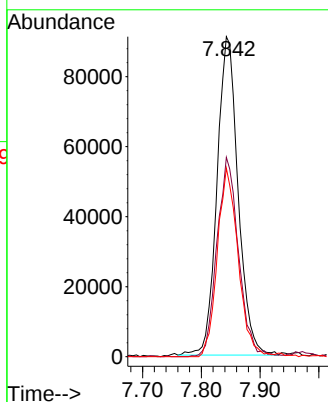
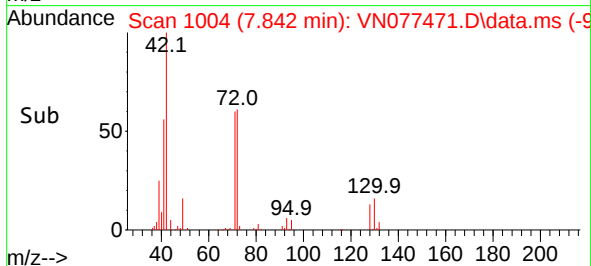
Tgt Ion:	42	Resp:	22684
Ion Ratio	100	Lower	Upper
42	100		
72	63.9	49.8	74.6
71	58.0	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#30

Chloroform

Concen: 19.342 ug/l

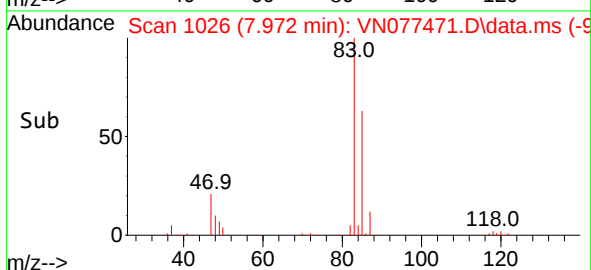
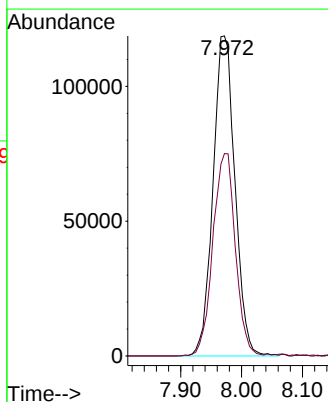
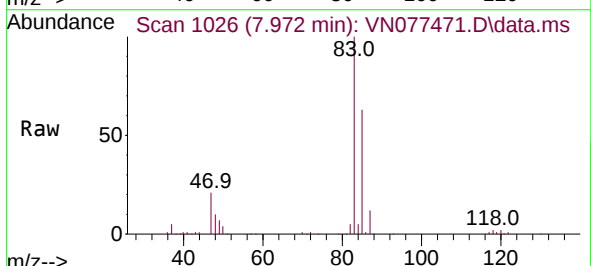
RT: 7.972 min Scan# 1026

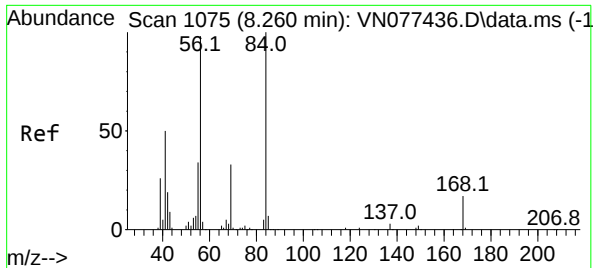
Delta R.T. -0.000 min

Lab File: VN077471.D

Acq: 25 Apr 2023 15:55

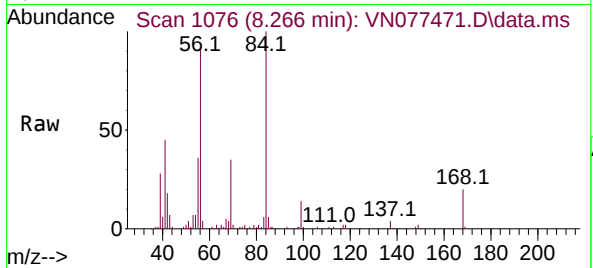
Tgt Ion:	83	Resp:	296861
Ion Ratio	100	Lower	Upper
83	100		
85	63.3	55.4	83.0





#31
Cyclohexane
Concen: 18.059 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

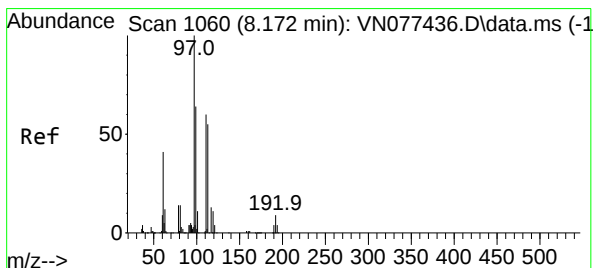
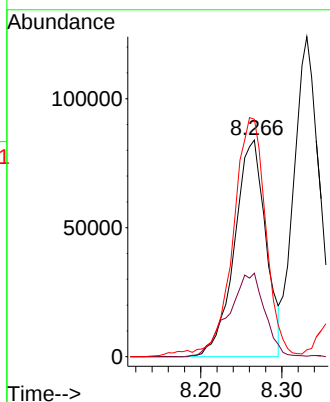
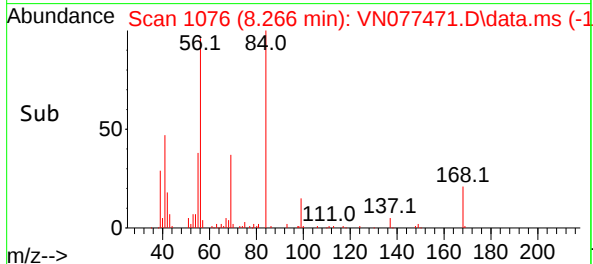
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



Tgt Ion: 56 Resp: 22553
Ion Ratio Lower Upper
56 100
69 38.5 26.8 40.2
84 107.2 81.8 122.6

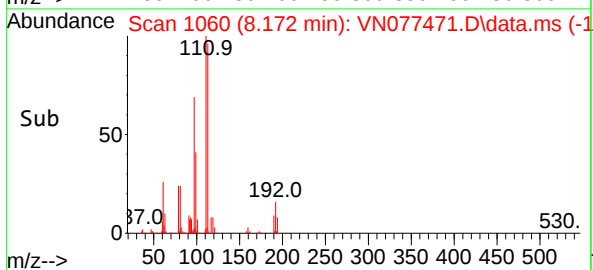
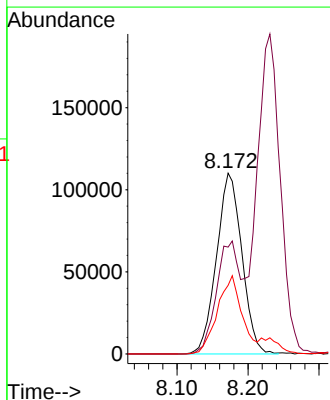
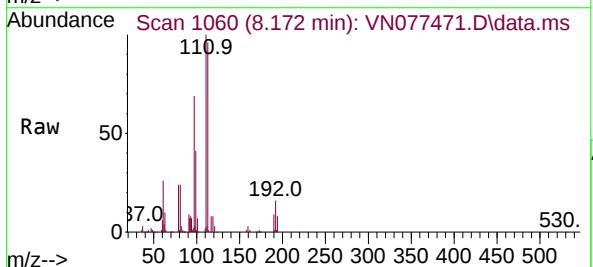
Manual Integrations
APPROVED

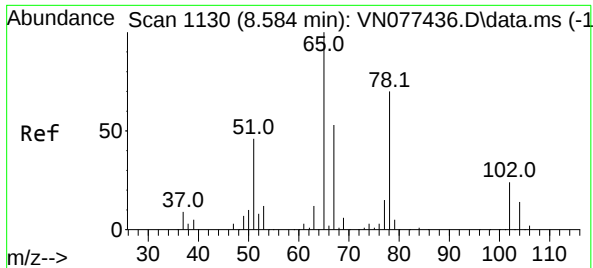
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#32
1,1,1-Trichloroethane
Concen: 19.350 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

Tgt Ion: 97 Resp: 273040
Ion Ratio Lower Upper
97 100
99 55.4 50.3 75.5
61 41.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.509 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077471.D

Acq: 25 Apr 2023 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01

Tgt Ion: 65 Resp: 43648

Ion Ratio Lower Upper

65 100

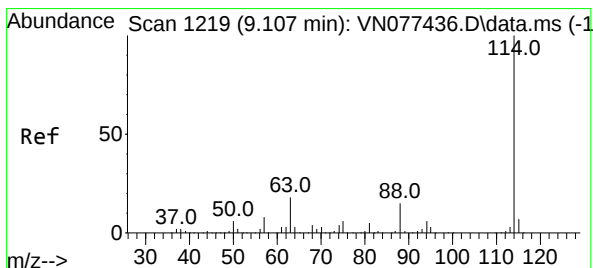
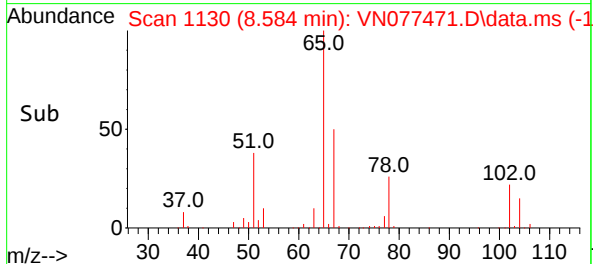
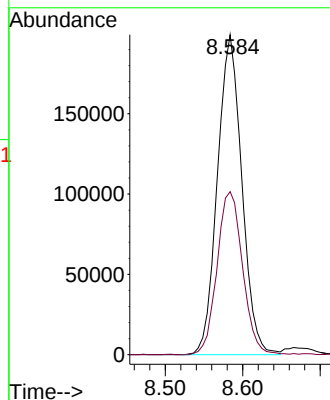
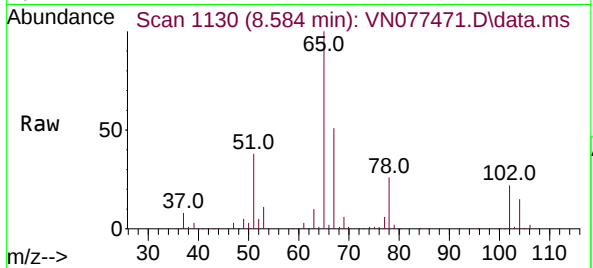
67 53.2 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077471.D

Acq: 25 Apr 2023 15:55

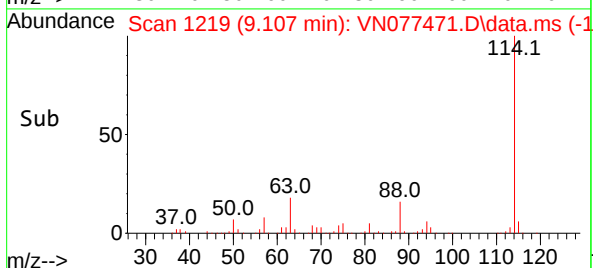
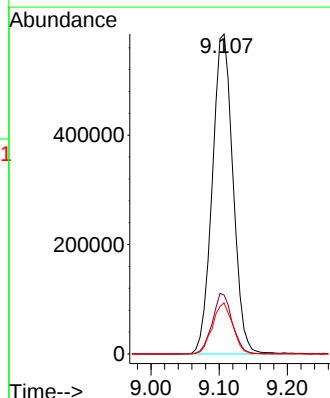
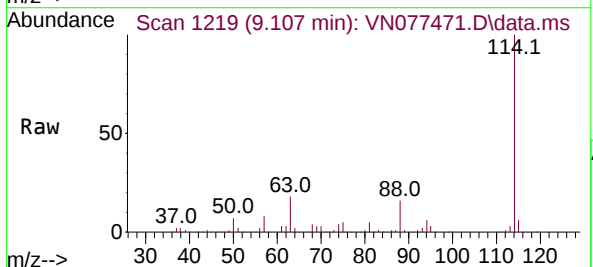
Tgt Ion:114 Resp: 1235142

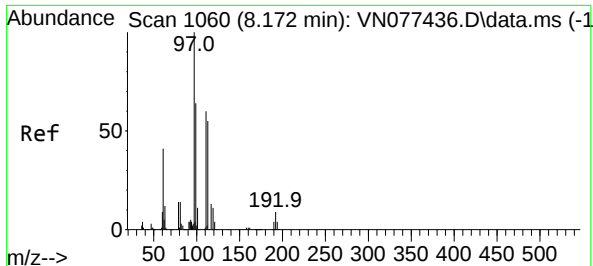
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.4

88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.053 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077471.D

Acq: 25 Apr 2023 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01

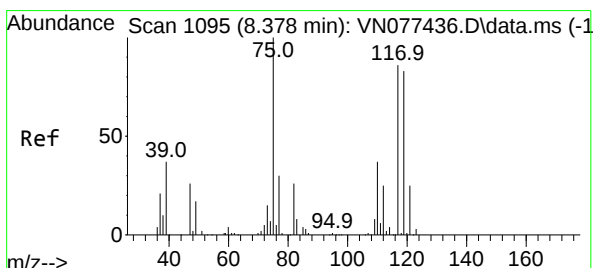
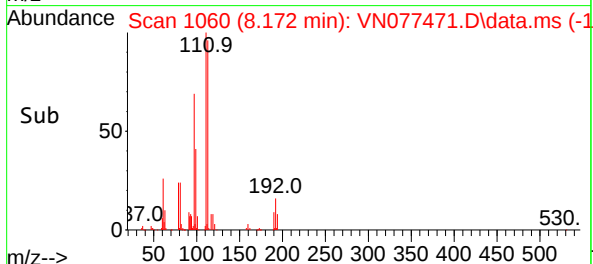
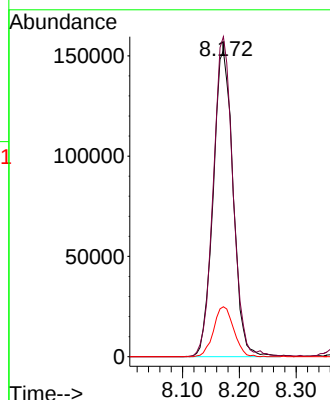
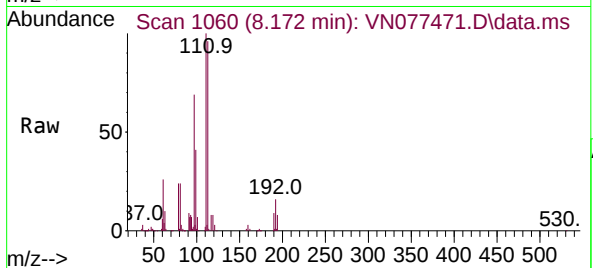
Tgt Ion:	113	Resp:	371578
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.6	123.8
192	16.5	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#36

1,1-Dichloropropene

Concen: 20.612 ug/l

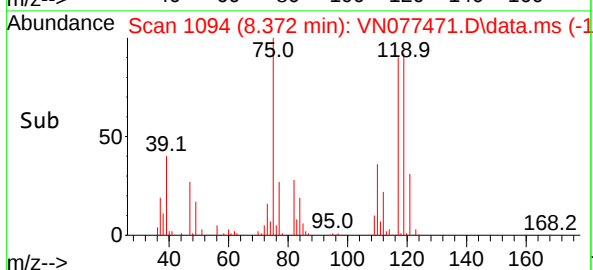
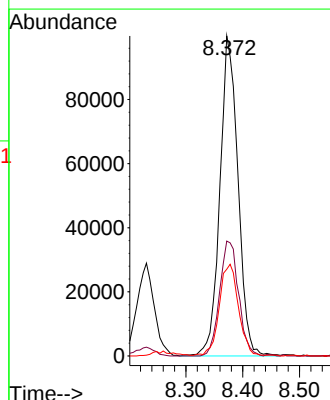
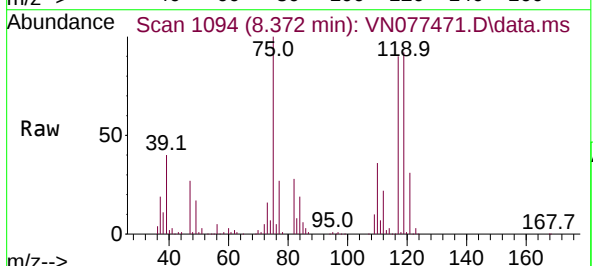
RT: 8.372 min Scan# 1094

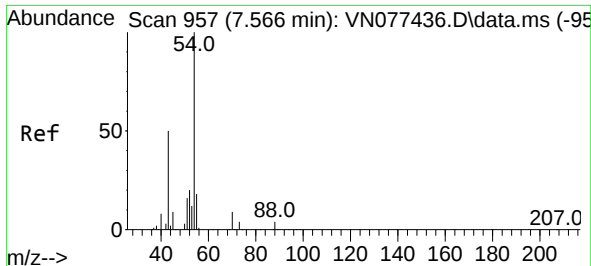
Delta R.T. -0.006 min

Lab File: VN077471.D

Acq: 25 Apr 2023 15:55

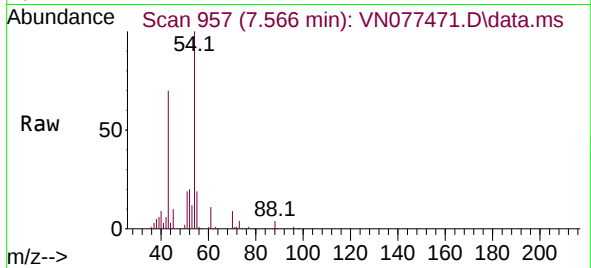
Tgt Ion:	75	Resp:	221071
Ion Ratio	Lower	Upper	
75	100		
110	37.5	19.1	57.3
77	30.0	25.0	37.4





#37
Ethyl Acetate
Concen: 18.824 ug/l
RT: 7.566 min Scan# 957
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

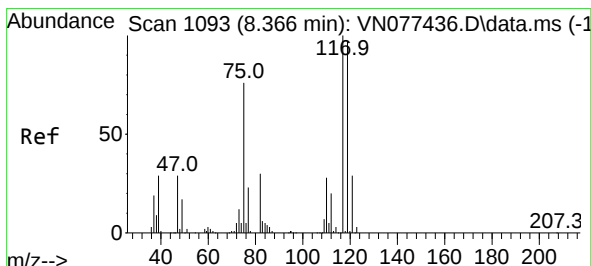
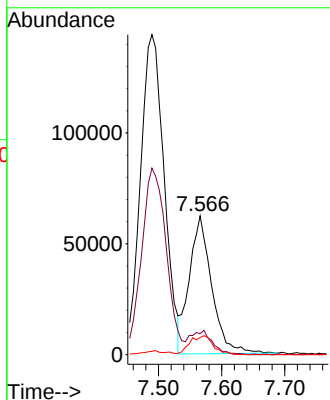
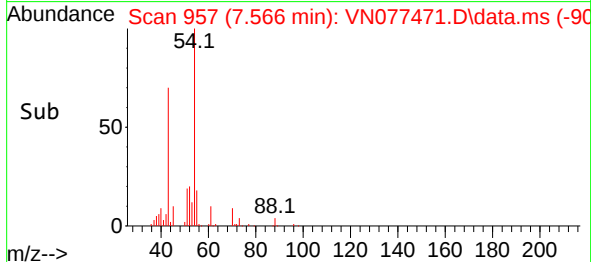
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



Tgt Ion: 43 Resp: 153417
Ion Ratio Lower Upper
43 100
61 17.1 13.2 19.8
70 14.4 11.3 16.9

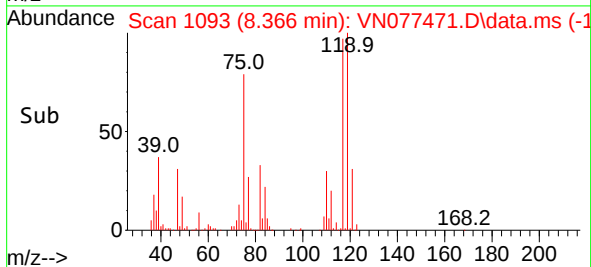
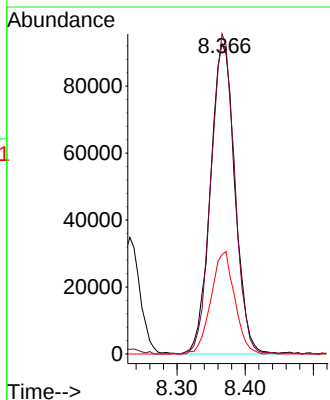
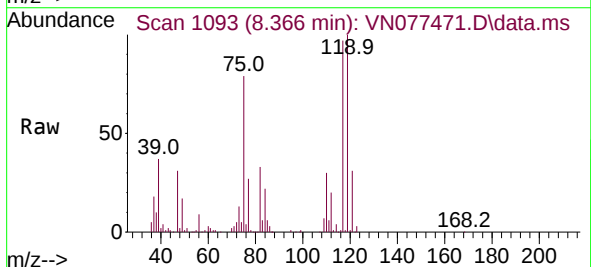
Manual Integrations
APPROVED

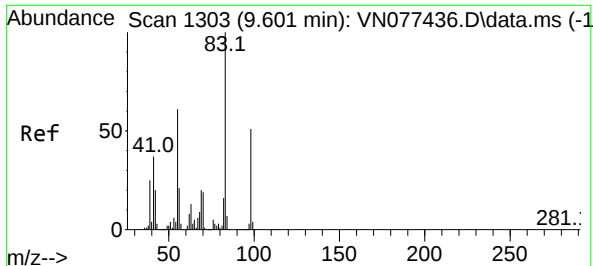
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#38
Carbon Tetrachloride
Concen: 19.596 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

Tgt Ion:117 Resp: 231891
Ion Ratio Lower Upper
117 100
119 103.2 77.3 115.9
121 32.1 23.3 34.9





#39

Methylcyclohexane

Concen: 20.420 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VN077471.D

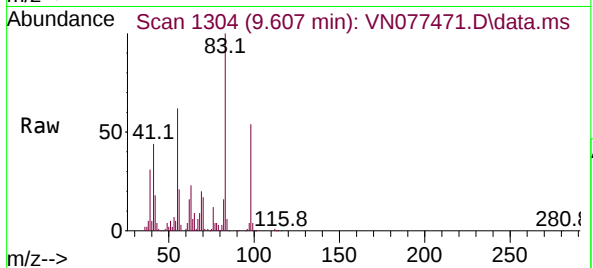
Acq: 25 Apr 2023 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01



Tgt Ion: 83 Resp: 28854

Ion Ratio Lower Upper

83 100

55 62.1 49.1 73.7

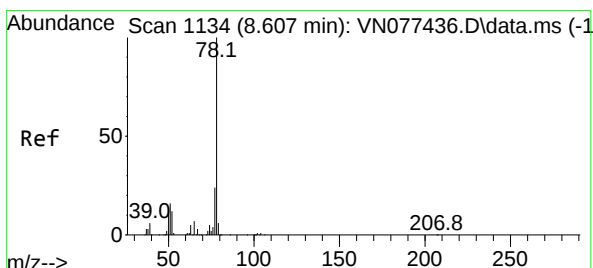
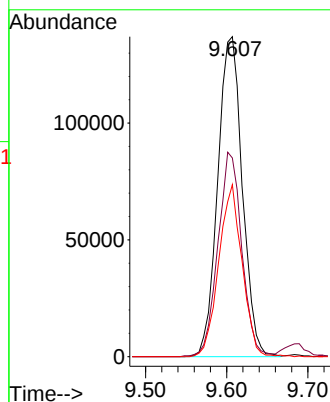
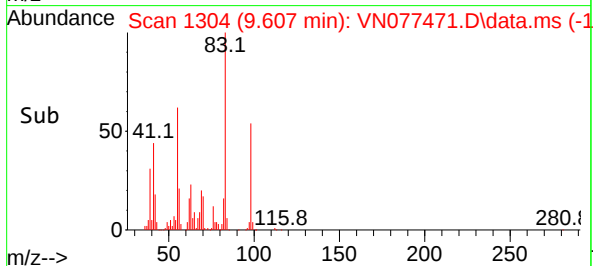
98 53.8 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#40

Benzene

Concen: 19.722 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VN077471.D

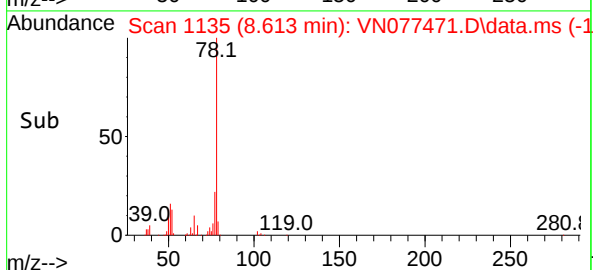
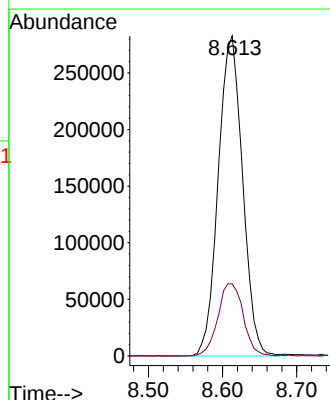
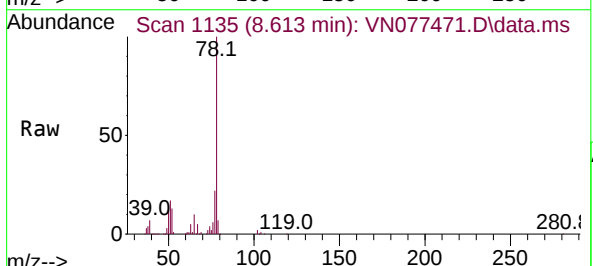
Acq: 25 Apr 2023 15:55

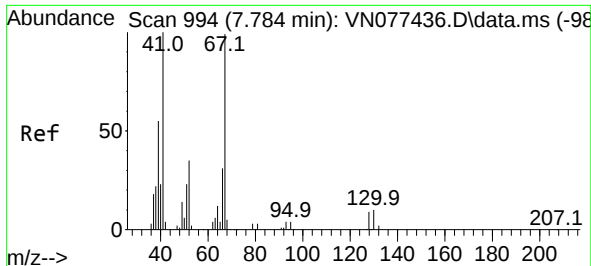
Tgt Ion: 78 Resp: 644386

Ion Ratio Lower Upper

78 100

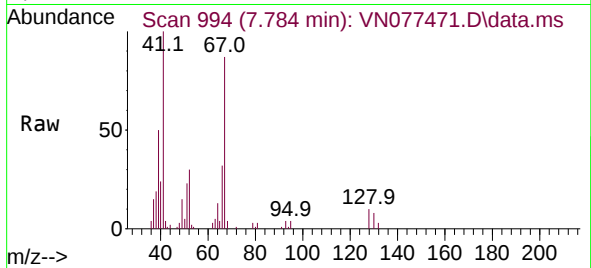
77 22.5 19.0 28.6





#41
Methacrylonitrile
Concen: 18.234 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

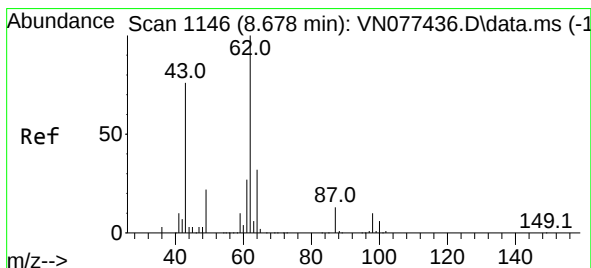
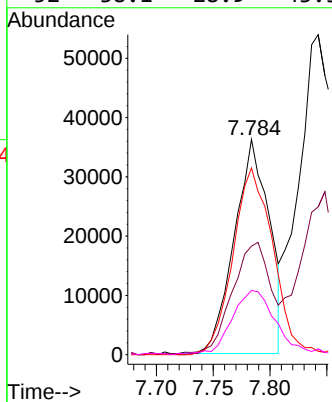
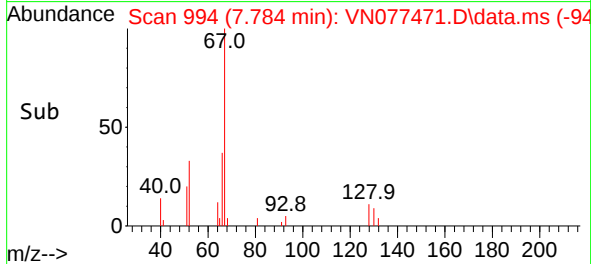
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



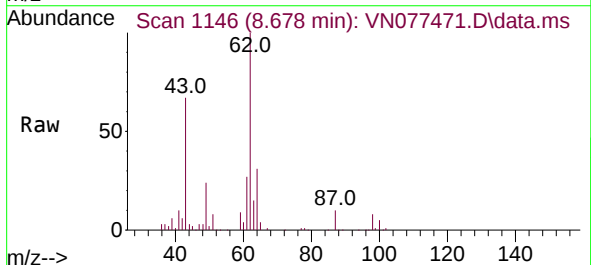
Tgt Ion: 41 Resp: 7739
Ion Ratio Lower Upper
41 100
39 57.3 42.6 64.0
67 99.7 77.5 116.3
52 38.1 28.9 43.3

Manual Integrations
APPROVED

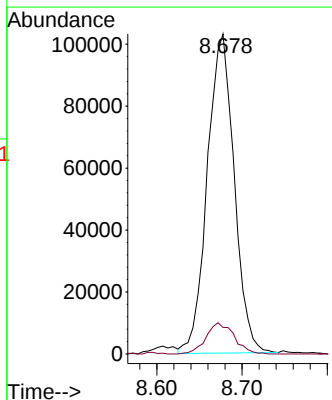
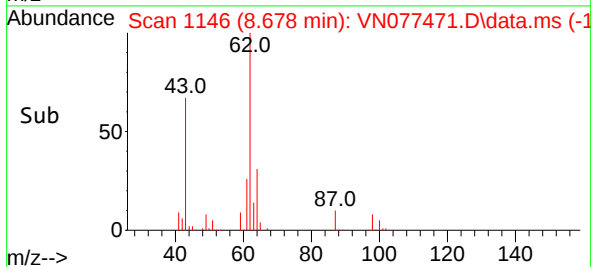
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

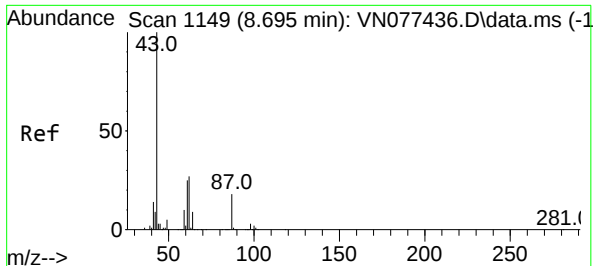


#42
1,2-Dichloroethane
Concen: 20.147 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55



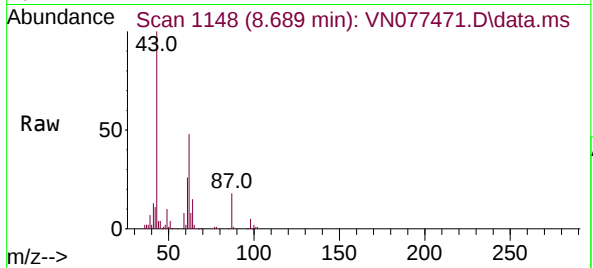
Tgt Ion: 62 Resp: 226095
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.8





#43
Isopropyl Acetate
Concen: 19.695 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

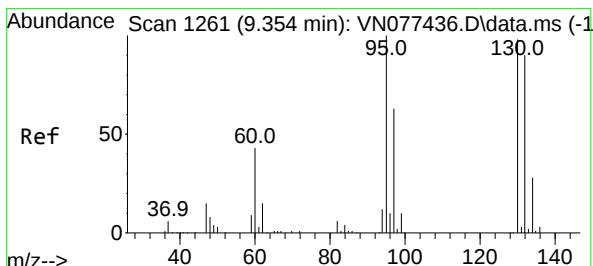
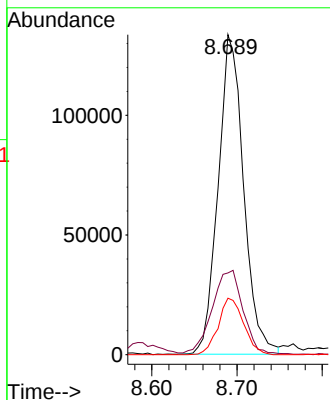
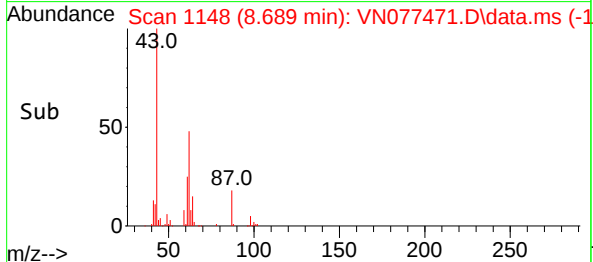
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



Tgt Ion: 43 Resp: 27768
Ion Ratio Lower Upper
43 100
61 32.3 24.7 37.1
87 17.6 14.6 21.8

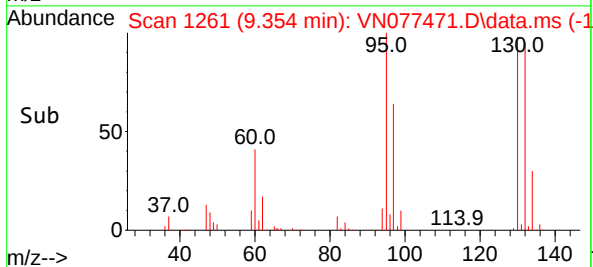
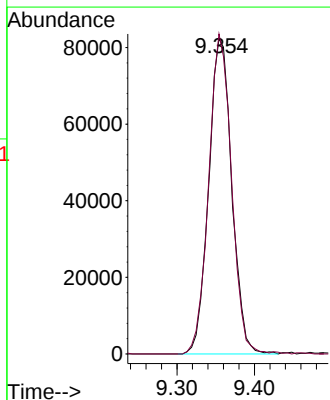
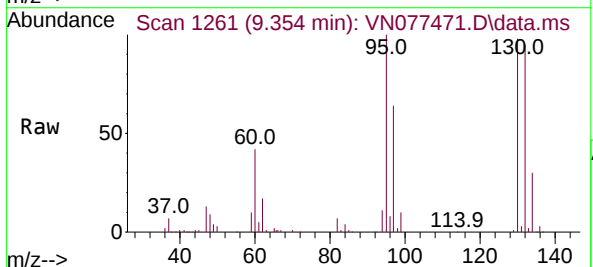
Manual Integrations
APPROVED

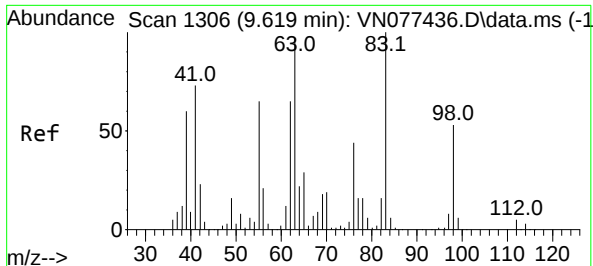
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#44
Trichloroethene
Concen: 20.368 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

Tgt Ion:130 Resp: 170392
Ion Ratio Lower Upper
130 100
95 101.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.976 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VN077471.D

Acq: 25 Apr 2023 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01

Tgt Ion: 63 Resp: 152890

Ion Ratio Lower Upper

63 100

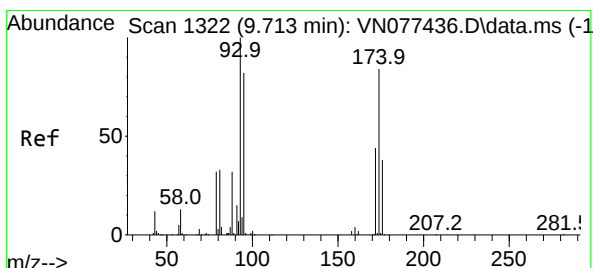
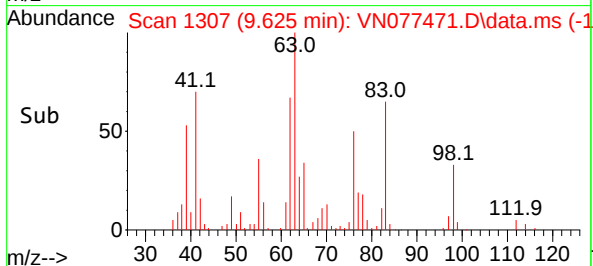
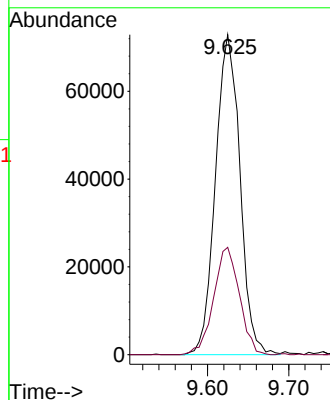
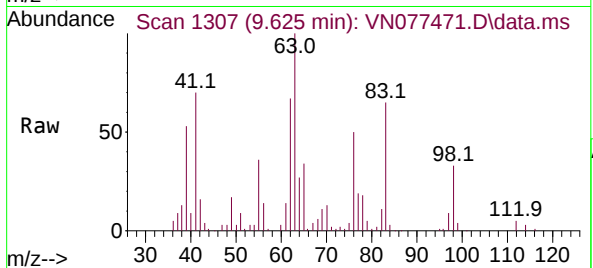
65 33.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#46

Dibromomethane

Concen: 19.368 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077471.D

Acq: 25 Apr 2023 15:55

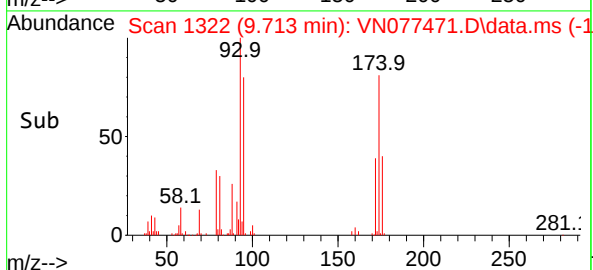
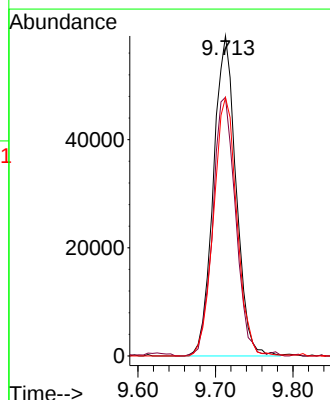
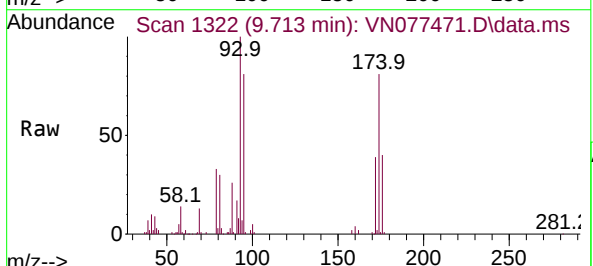
Tgt Ion: 93 Resp: 120282

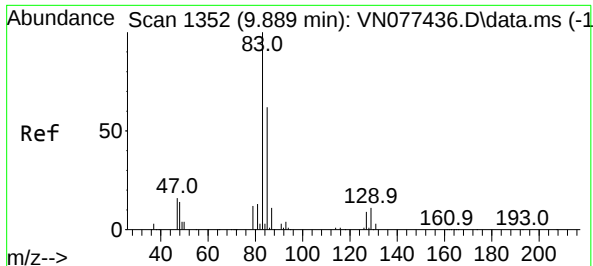
Ion Ratio Lower Upper

93 100

95 81.3 63.8 95.8

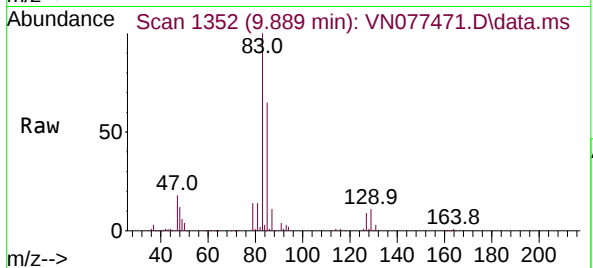
174 82.9 65.6 98.4





#47
Bromodichloromethane
Concen: 19.964 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

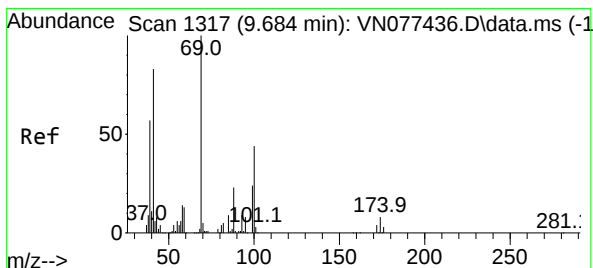
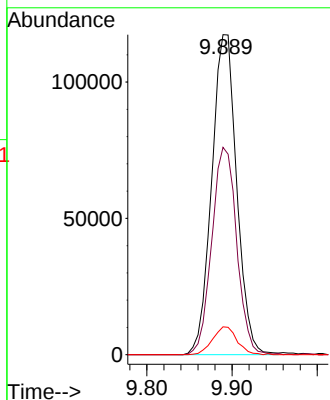
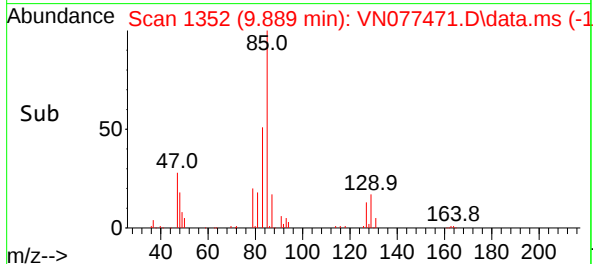
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



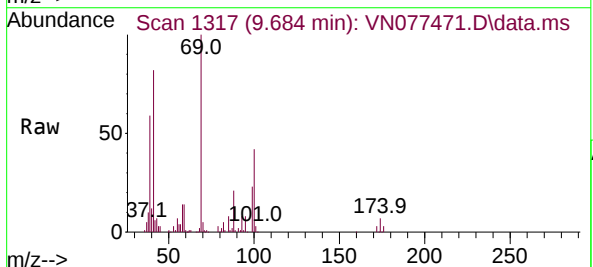
Tgt Ion: 83 Resp: 23982
Ion Ratio Lower Upper
83 100
85 64.8 49.6 74.4
127 8.7 7.0 10.6

Manual Integrations
APPROVED

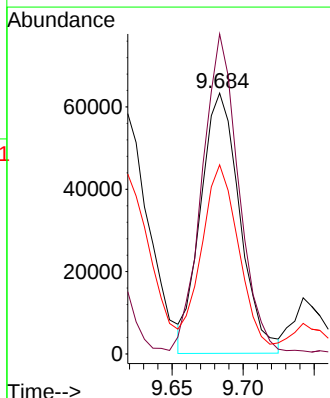
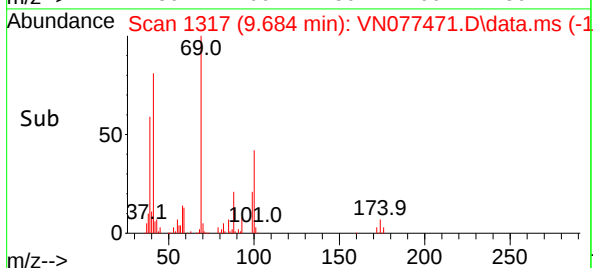
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

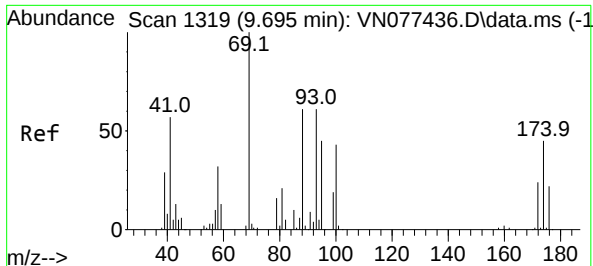


#48
Methyl methacrylate
Concen: 18.870 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55



Tgt Ion: 41 Resp: 121105
Ion Ratio Lower Upper
41 100
69 114.3 90.4 135.6
39 70.2 54.6 81.8





#49

1,4-Dioxane

Concen: 379.086 ug/l

RT: 9.701 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN077471.D

Acq: 25 Apr 2023 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01

Tgt Ion: 88 Resp: 61020

Ion Ratio Lower Upper

88 100

43 17.1 17.0 25.6

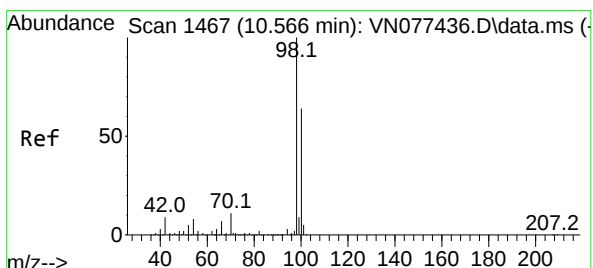
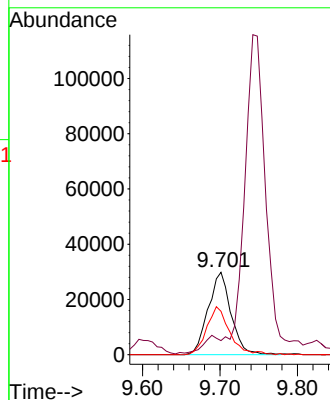
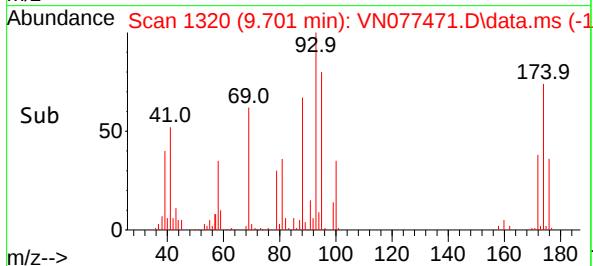
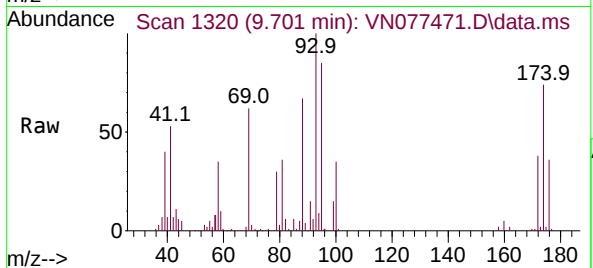
58 58.3 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#50

Toluene-d8

Concen: 52.062 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.000 min

Lab File: VN077471.D

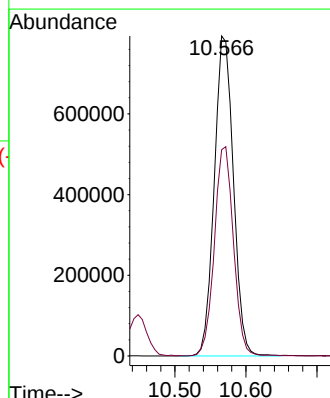
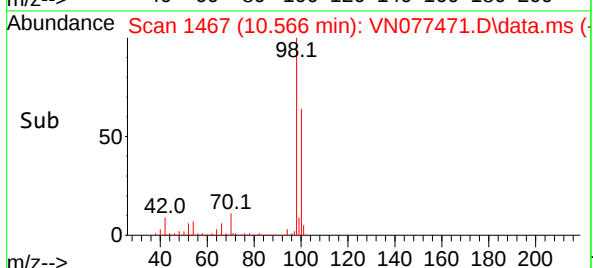
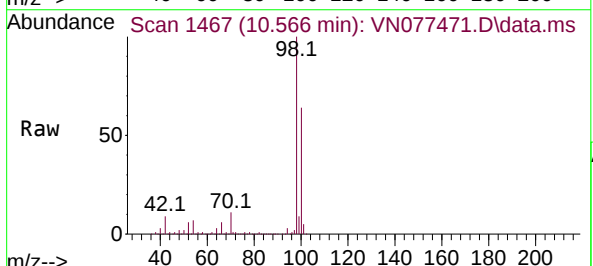
Acq: 25 Apr 2023 15:55

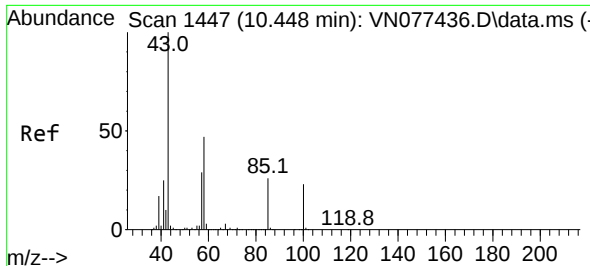
Tgt Ion: 98 Resp: 1481279

Ion Ratio Lower Upper

98 100

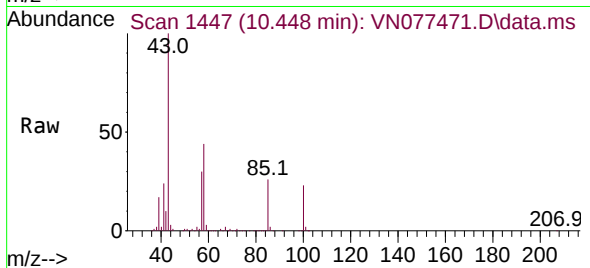
100 65.1 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 96.664 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

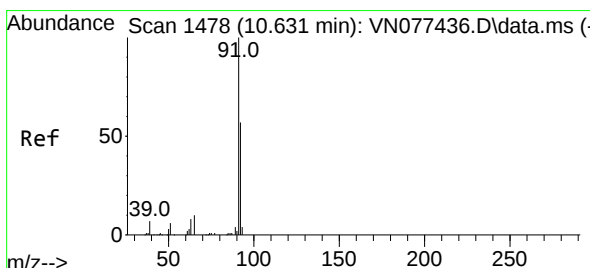
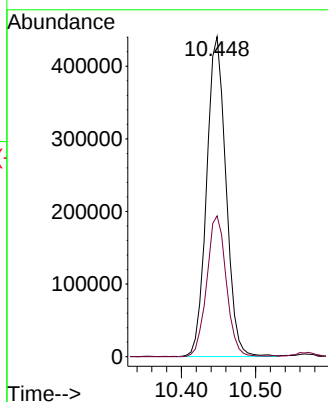
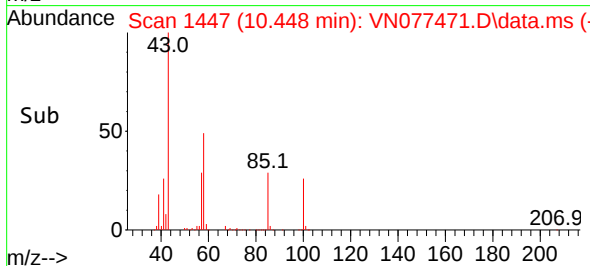
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



Tgt Ion: 43 Resp: 79940
Ion Ratio Lower Upper
43 100
58 44.5 36.6 54.8

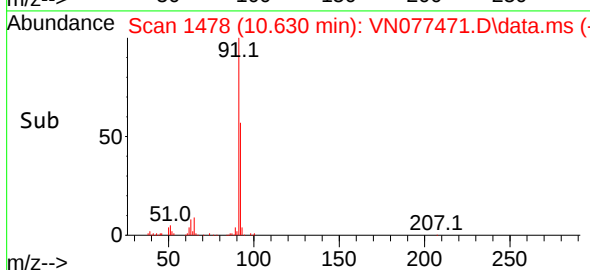
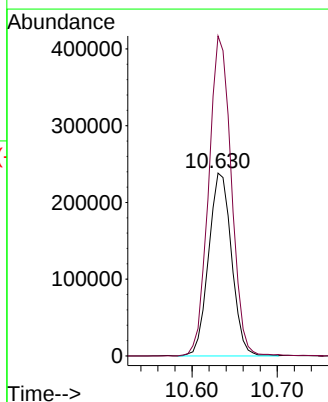
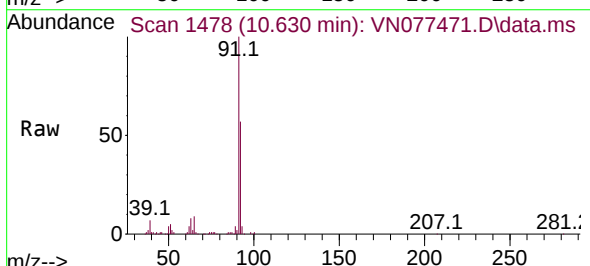
Manual Integrations
APPROVED

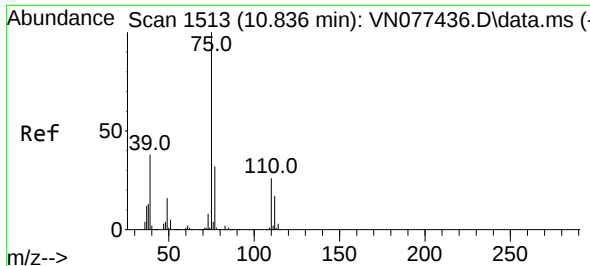
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#52
Toluene
Concen: 20.816 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

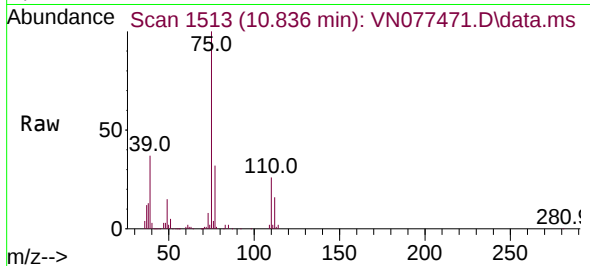
Tgt Ion: 92 Resp: 445546
Ion Ratio Lower Upper
92 100
91 173.1 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 20.361 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

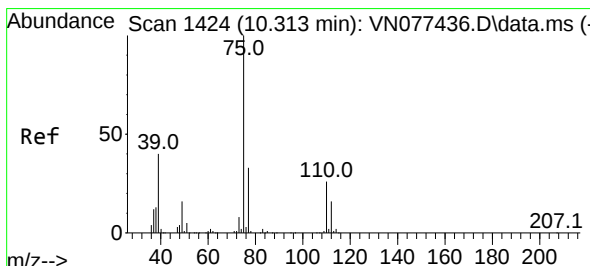
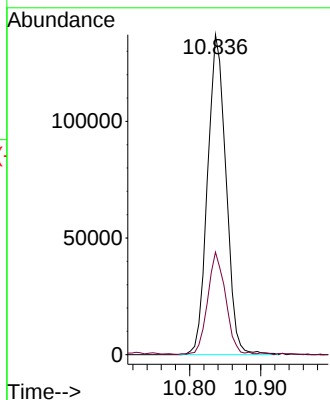
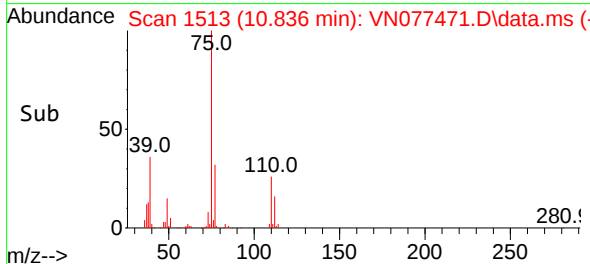
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



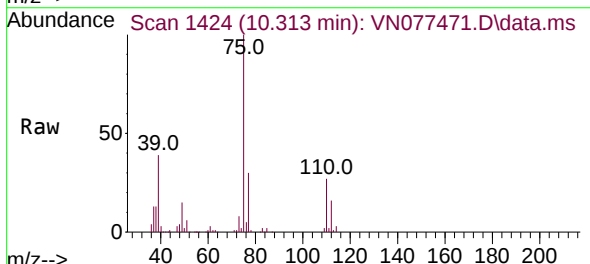
Tgt Ion: 75 Resp: 247660
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0

Manual Integrations
APPROVED

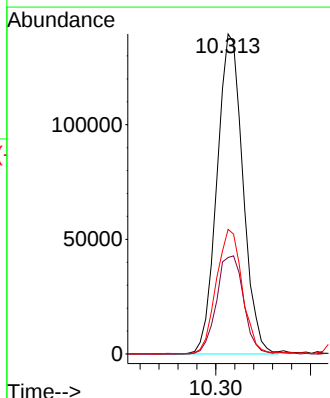
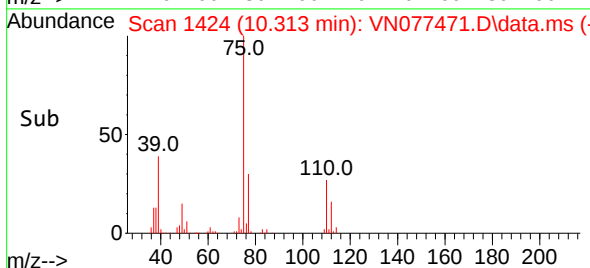
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

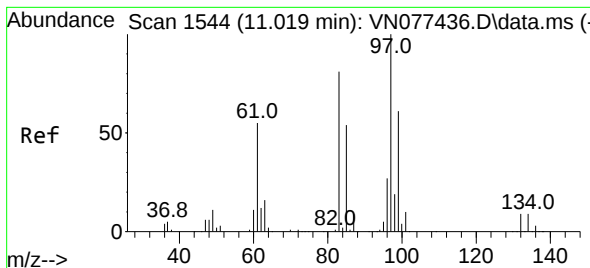


#54
cis-1,3-Dichloropropene
Concen: 20.032 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55



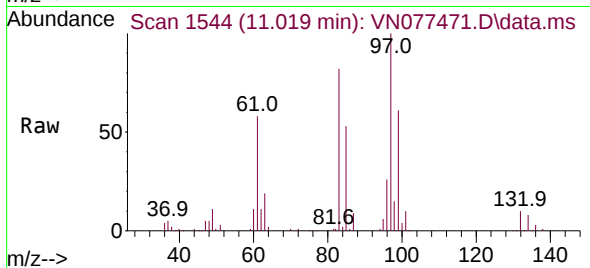
Tgt Ion: 75 Resp: 265220
Ion Ratio Lower Upper
75 100
77 30.2 26.1 39.1
39 38.8 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.551 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

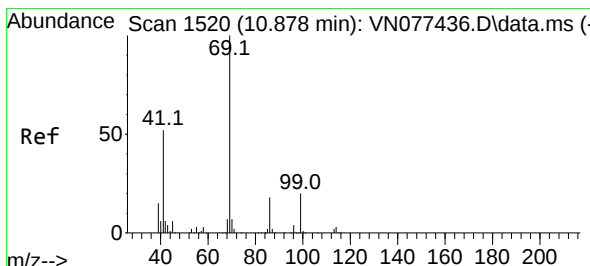
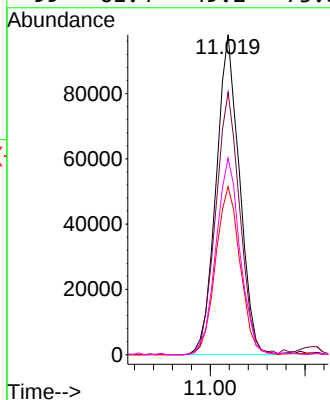
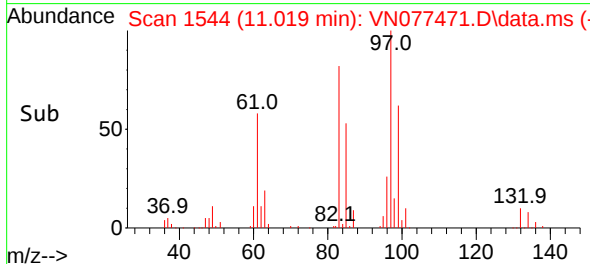
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.0	65.1	97.7
85	52.5	43.4	65.2
99	61.4	49.2	73.8

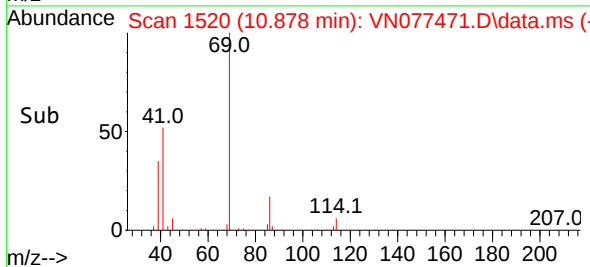
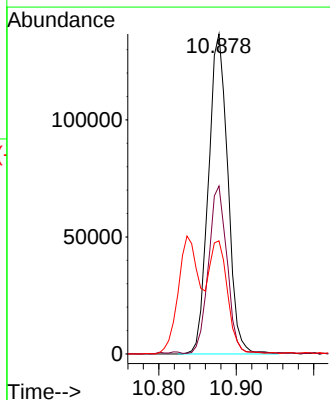
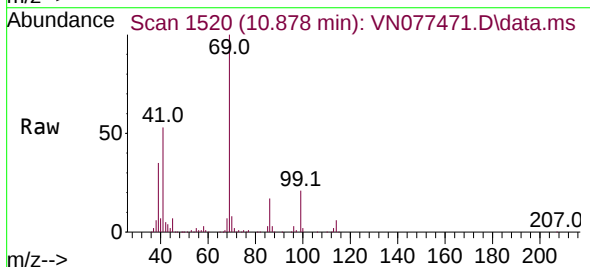
Manual Integrations
APPROVED

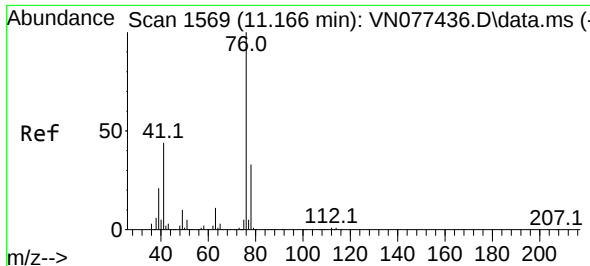
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#56
Ethyl methacrylate
Concen: 19.681 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

Tgt Ion	Ratio	Lower	Upper
69	100		
41	49.9	39.6	59.4
39	32.3	28.6	43.0





#57

1,3-Dichloropropane

Concen: 20.281 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077471.D

Acq: 25 Apr 2023 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01

Tgt Ion: 76 Resp: 278059

Ion Ratio Lower Upper

76 100

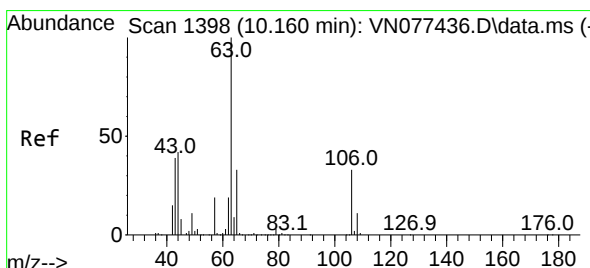
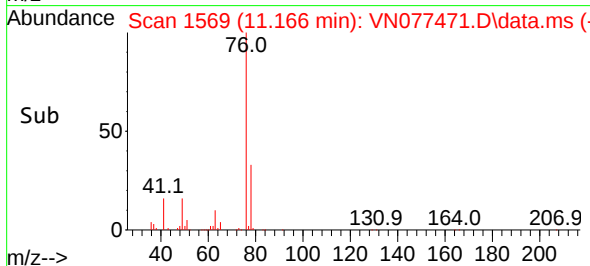
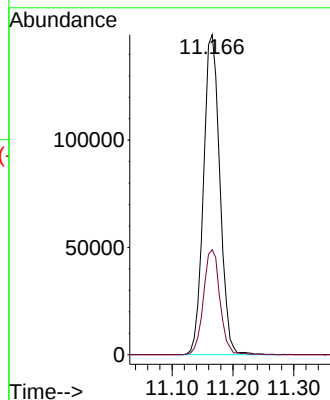
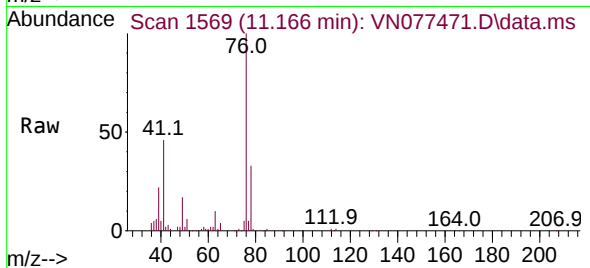
78 33.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#58

2-Chloroethyl Vinyl ether

Concen: 79.408 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077471.D

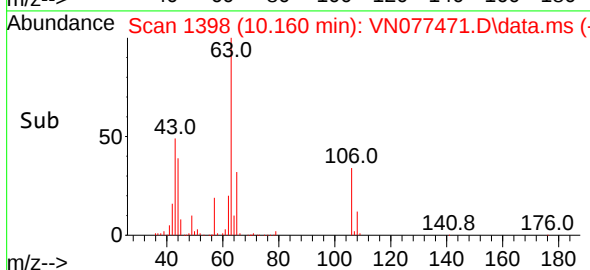
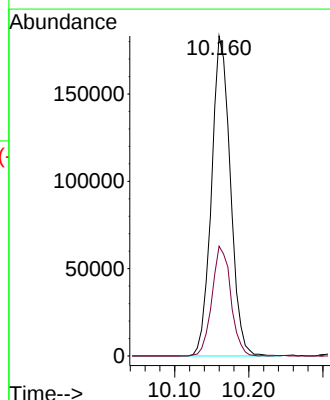
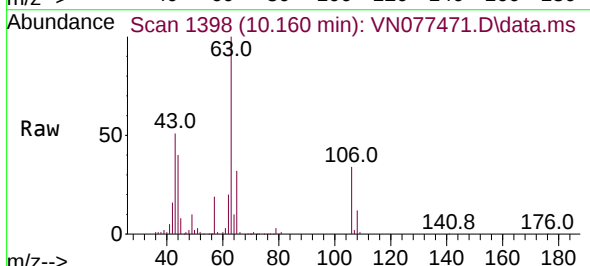
Acq: 25 Apr 2023 15:55

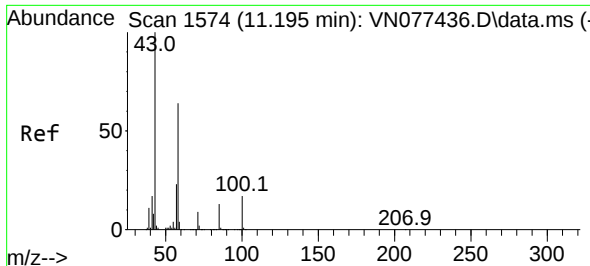
Tgt Ion: 63 Resp: 323933

Ion Ratio Lower Upper

63 100

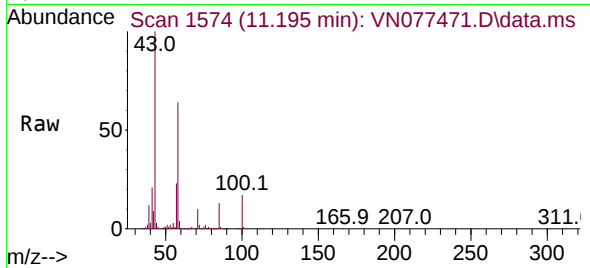
106 34.2 26.2 39.4





#59
2-Hexanone
Concen: 97.275 ug/l
RT: 11.195 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

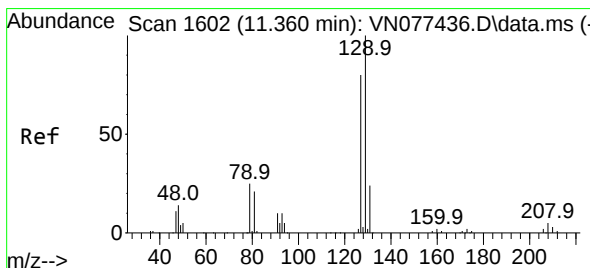
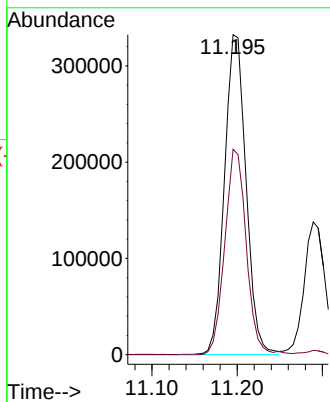
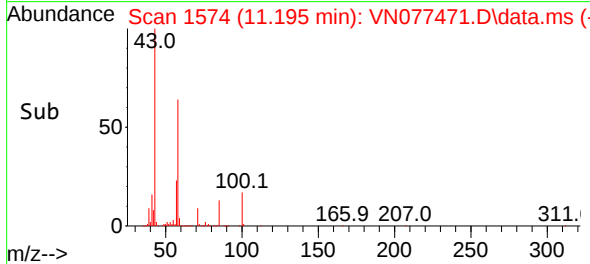
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



Tgt Ion: 43 Resp: 584749
Ion Ratio Lower Upper
43 100
58 64.0 31.7 95.1

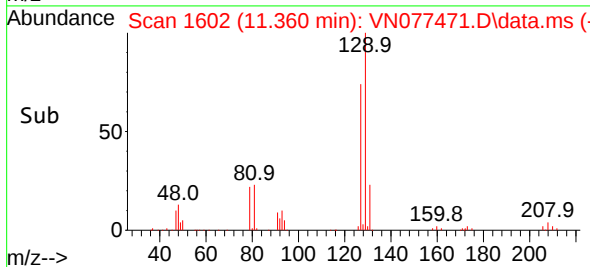
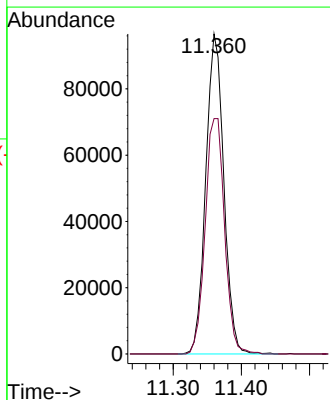
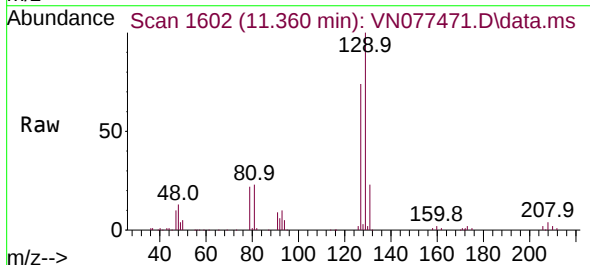
Manual Integrations
APPROVED

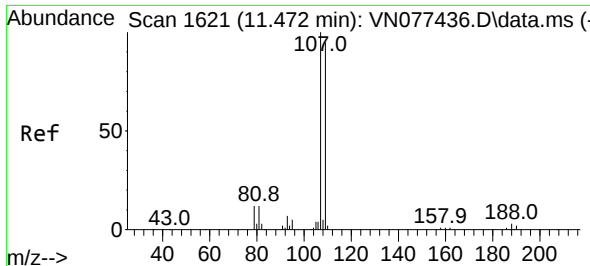
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#60
Dibromochloromethane
Concen: 19.900 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

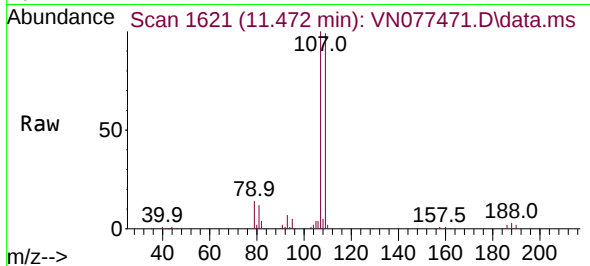
Tgt Ion:129 Resp: 177765
Ion Ratio Lower Upper
129 100
127 79.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.374 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

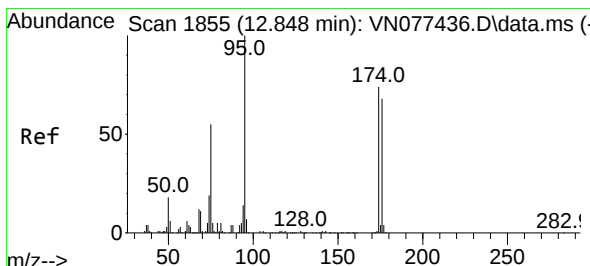
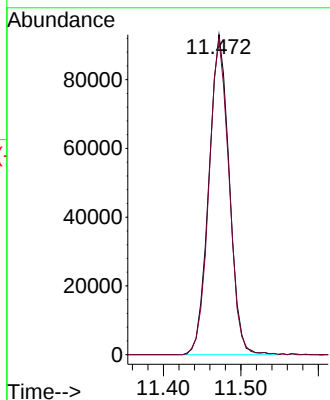
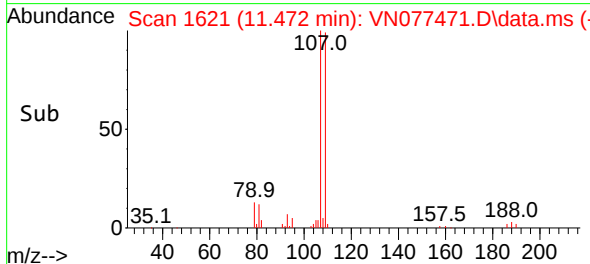
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



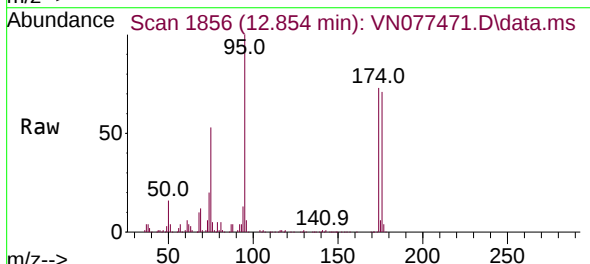
Tgt Ion:107 Resp: 170240
Ion Ratio Lower Upper
107 100
109 97.6 76.6 114.8

Manual Integrations
APPROVED

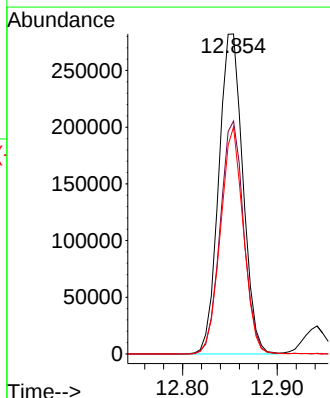
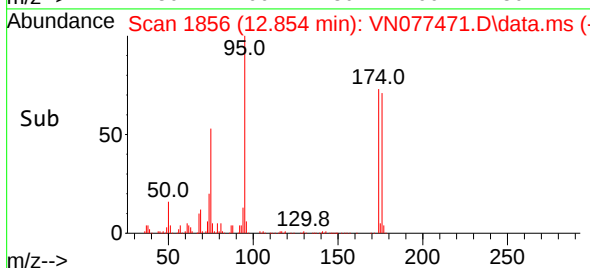
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

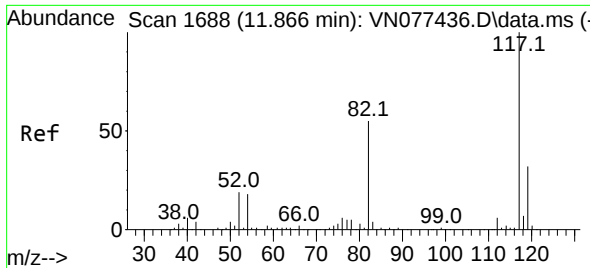


#62
4-Bromofluorobenzene
Concen: 53.814 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55



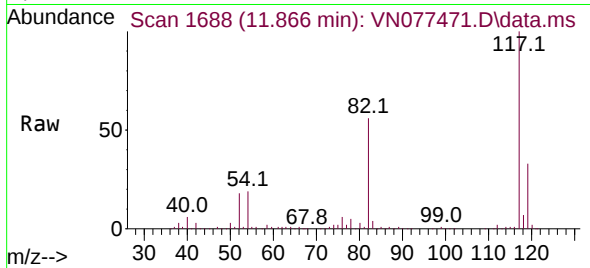
Tgt Ion: 95 Resp: 500946
Ion Ratio Lower Upper
95 100
174 70.7 0.0 143.8
176 66.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

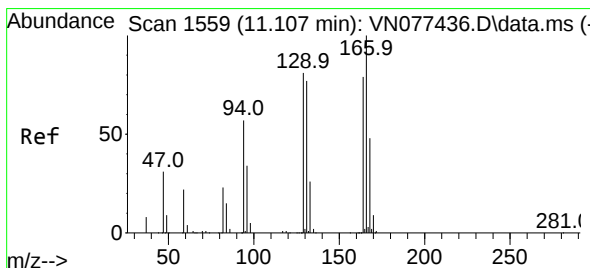
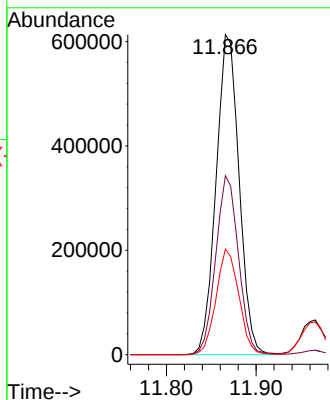
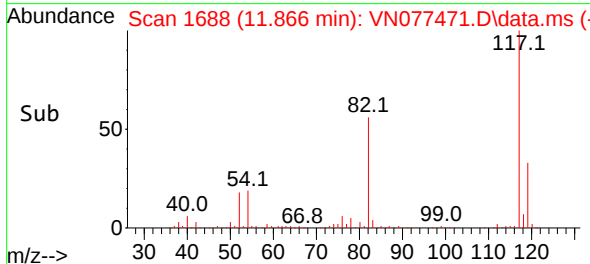
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



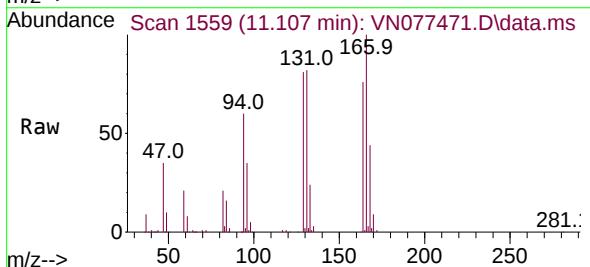
Tgt Ion:117 Resp: 109407
Ion Ratio Lower Upper
117 100
82 55.9 44.0 66.0
119 33.0 25.6 38.4

Manual Integrations
APPROVED

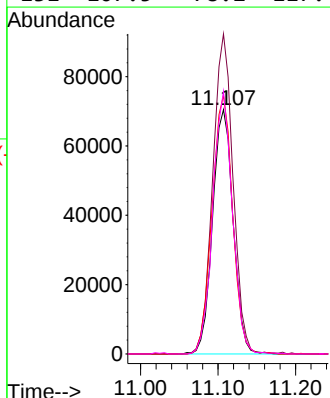
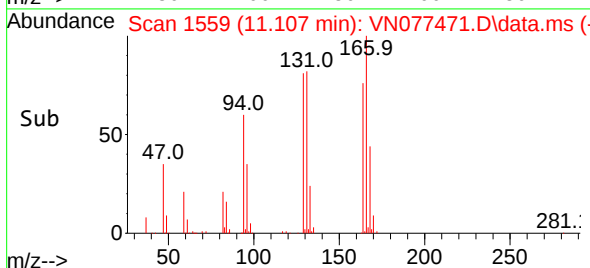
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

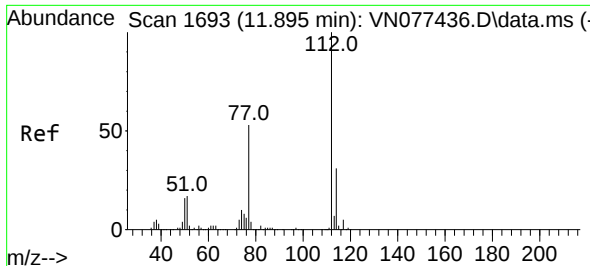


#64
Tetrachloroethene
Concen: 19.791 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55



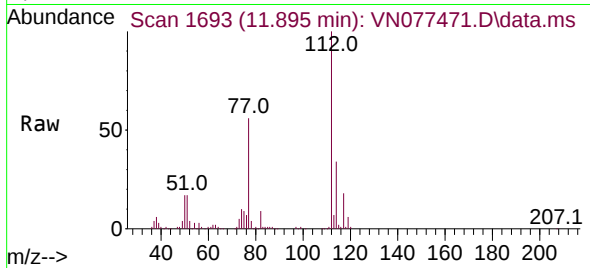
Tgt Ion:164 Resp: 129615
Ion Ratio Lower Upper
164 100
166 131.0 101.4 152.0
129 105.8 82.4 123.6
131 107.5 78.2 117.4





#65
Chlorobenzene
Concen: 20.166 ug/l
RT: 11.895 min Scan# 1189
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

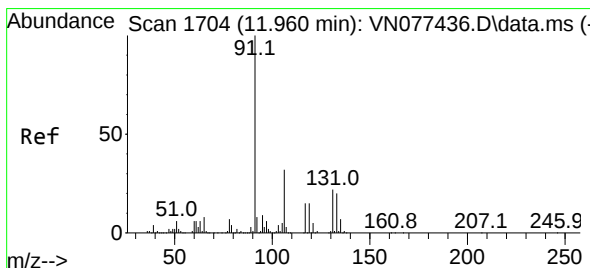
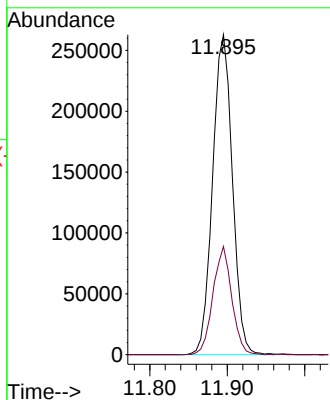
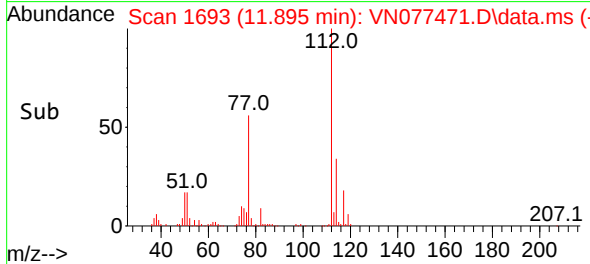
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



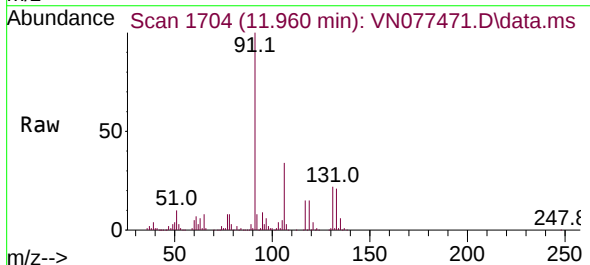
Tgt Ion:112 Resp: 46686
Ion Ratio Lower Upper
112 100
114 33.8 25.0 37.4

Manual Integrations
APPROVED

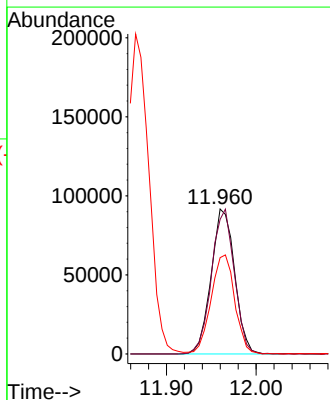
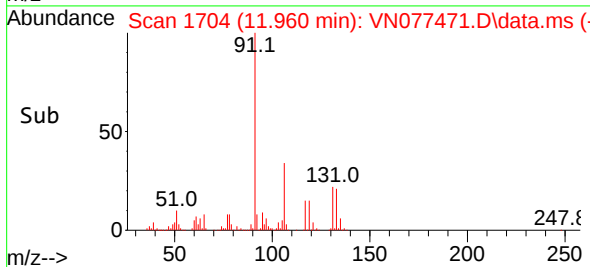
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

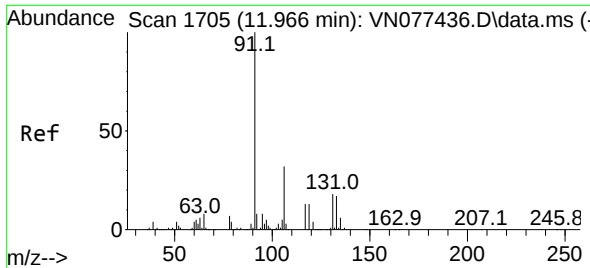


#66
1,1,1,2-Tetrachloroethane
Concen: 19.815 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55



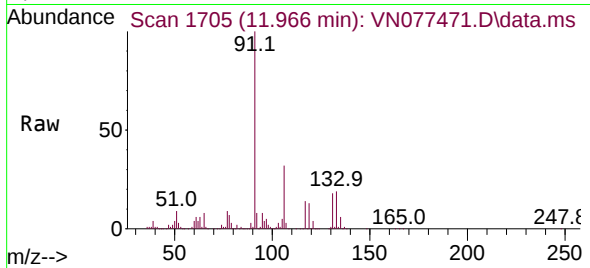
Tgt Ion:131 Resp: 166901
Ion Ratio Lower Upper
131 100
133 97.2 46.4 139.1
119 68.4 34.1 102.2





#67
Ethyl Benzene
Concen: 20.574 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

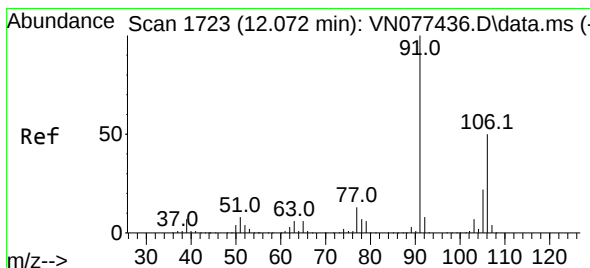
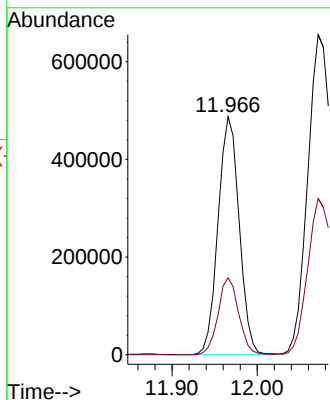
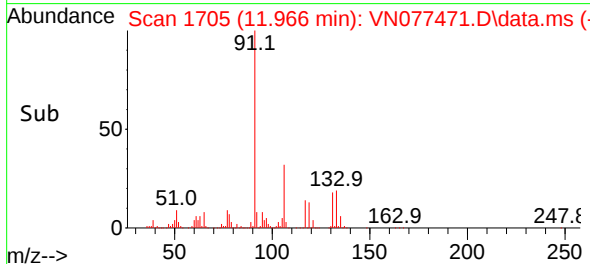
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



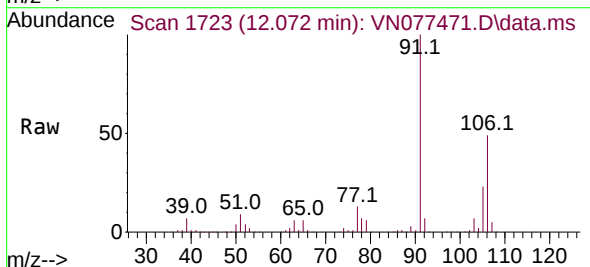
Tgt Ion: 91 Resp: 838502
Ion Ratio Lower Upper
91 100
106 32.3 25.6 38.4

Manual Integrations
APPROVED

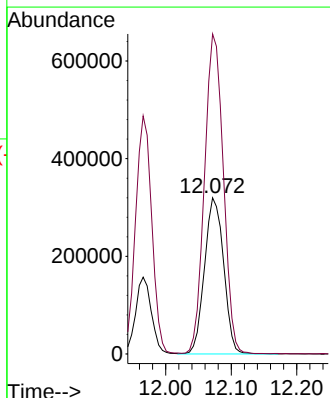
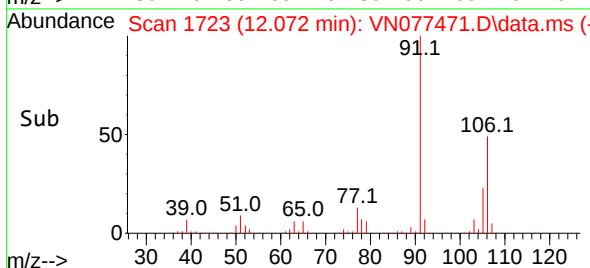
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

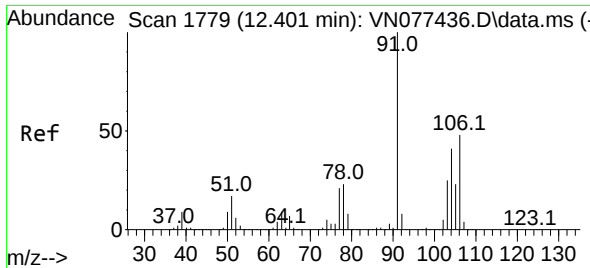


#68
m/p-Xylenes
Concen: 41.021 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55



Tgt Ion:106 Resp: 649766
Ion Ratio Lower Upper
106 100
91 201.6 159.6 239.4





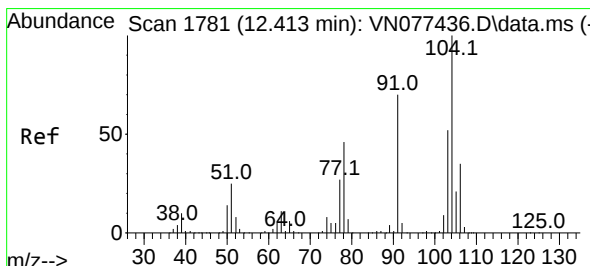
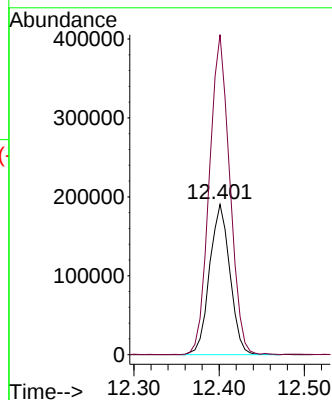
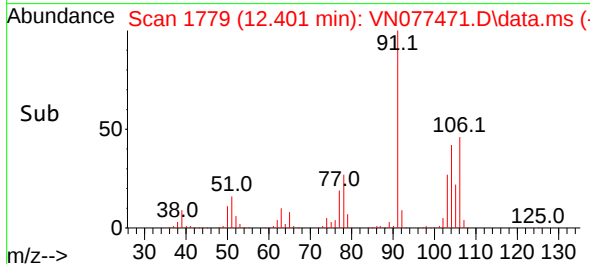
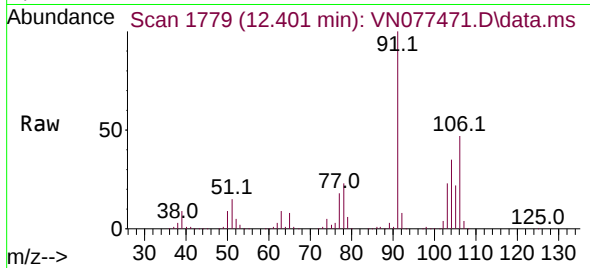
#69
o-Xylene
Concen: 20.264 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion:106 Resp: 315710
Ion Ratio Lower Upper
106 100
91 214.1 105.2 315.5

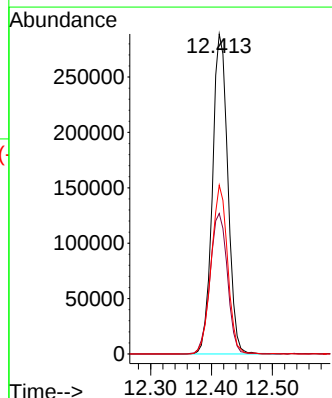
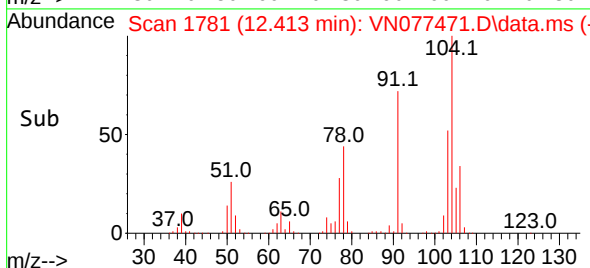
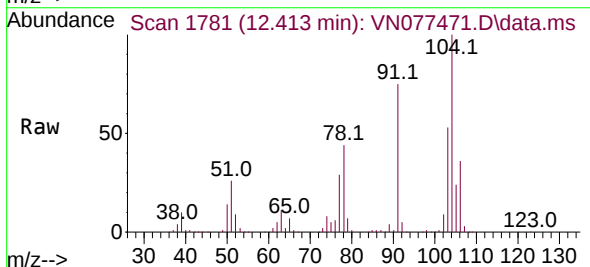
Manual Integrations
APPROVED

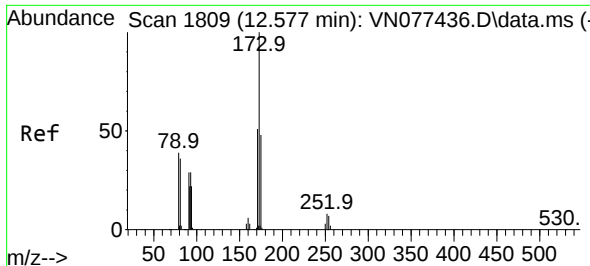
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#70
Styrene
Concen: 20.858 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

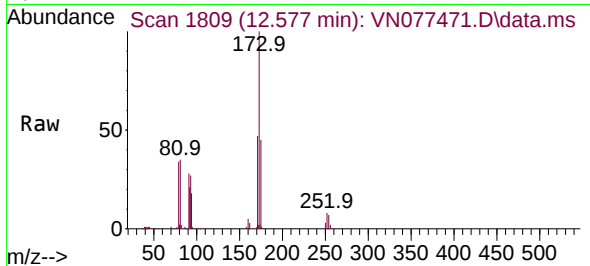
Tgt Ion:104 Resp: 508207
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 55.7 43.2 64.8





#71
Bromoform
Concen: 20.568 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

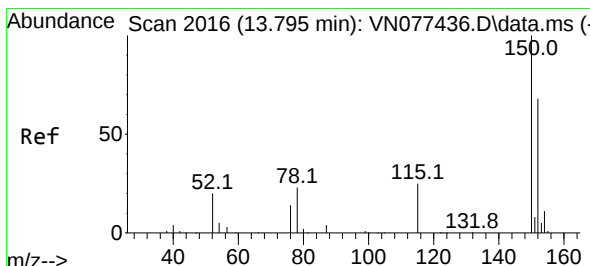
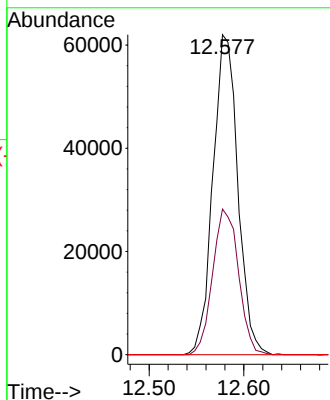
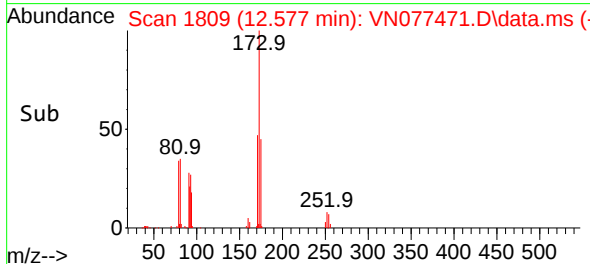
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



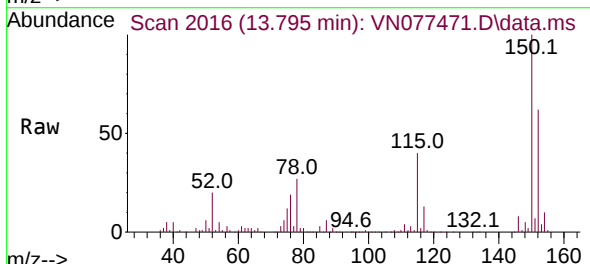
Tgt Ion:173 Resp: 11334
Ion Ratio Lower Upper
173 100
175 47.3 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

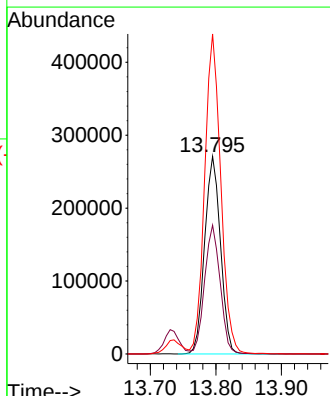
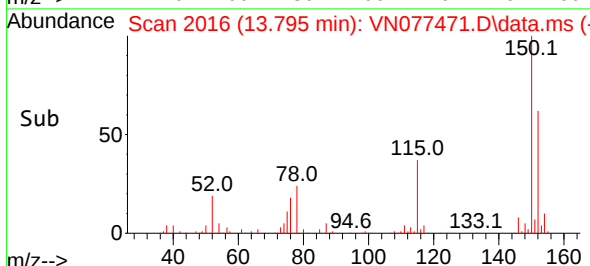
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

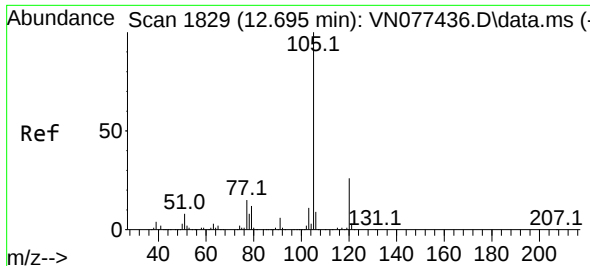


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55



Tgt Ion:152 Resp: 456115
Ion Ratio Lower Upper
152 100
115 63.8 32.3 96.8
150 164.7 0.0 355.8





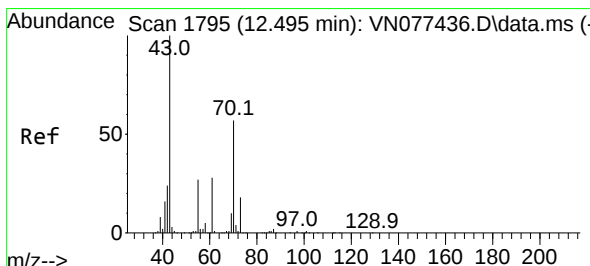
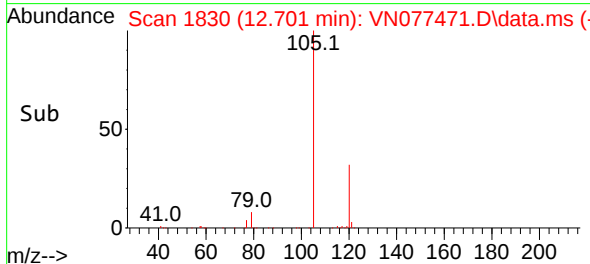
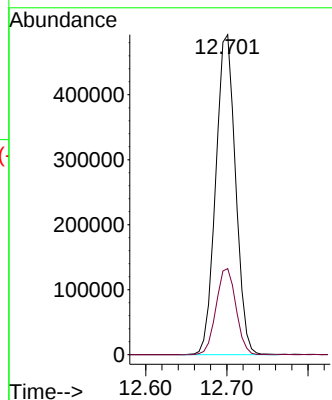
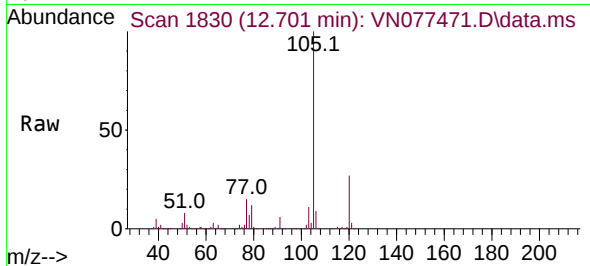
#73
Isopropylbenzene
Concen: 19.769 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion:105 Resp: 836740
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.1

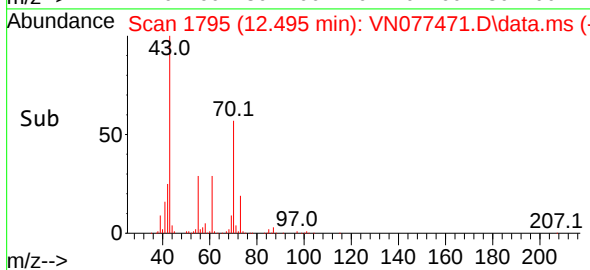
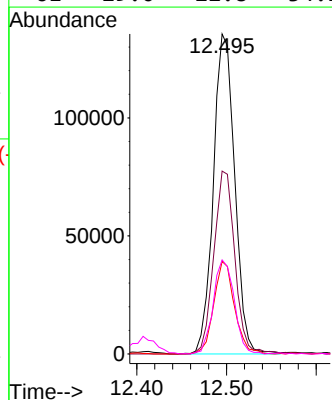
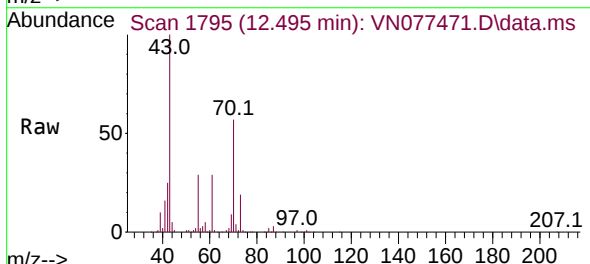
Manual Integrations
APPROVED

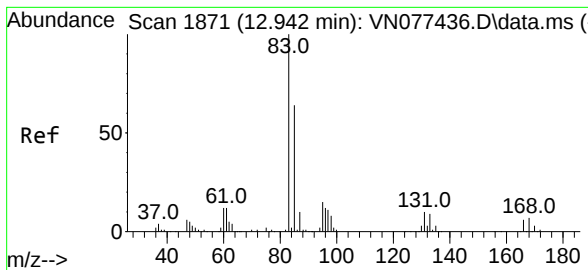
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#74
N-ethyl acetate
Concen: 17.891 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

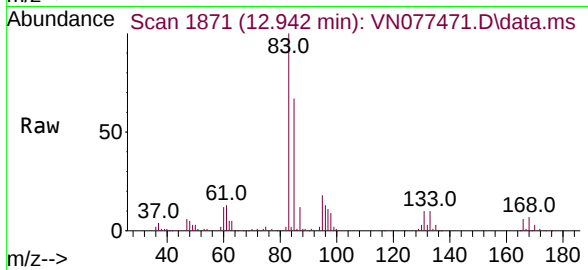
Tgt Ion: 43 Resp: 224188
Ion Ratio Lower Upper
43 100
70 56.6 43.4 65.2
55 28.0 21.4 32.0
61 29.0 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.150 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

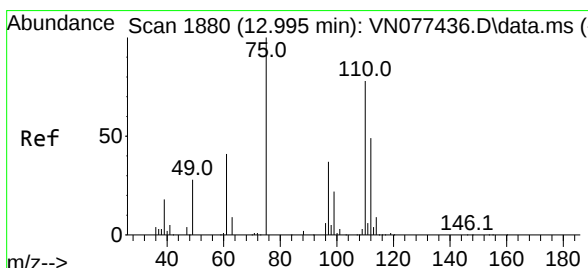
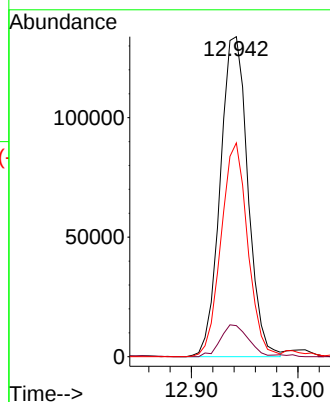
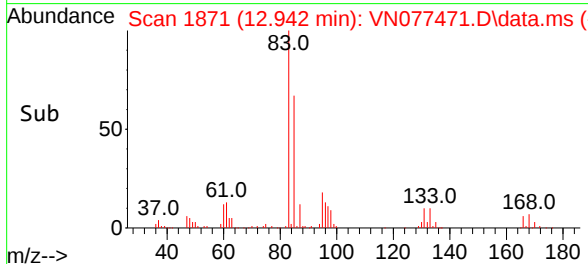
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



Tgt Ion: 83 Resp: 241378
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.3 31.9 95.7

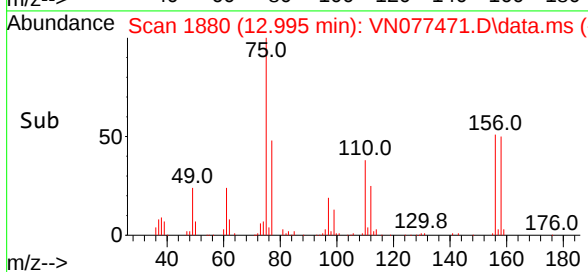
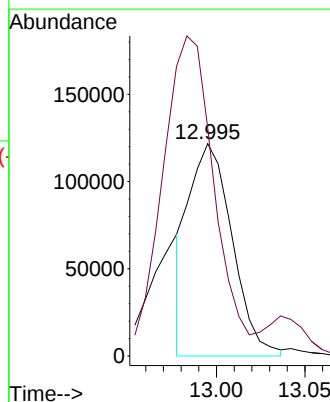
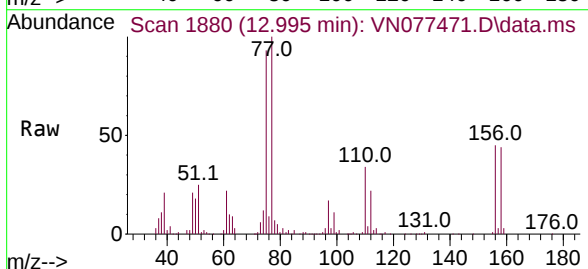
Manual Integrations
APPROVED

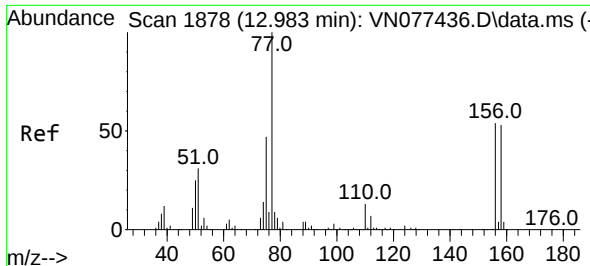
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#76
1,2,3-Trichloropropane
Concen: 19.644 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

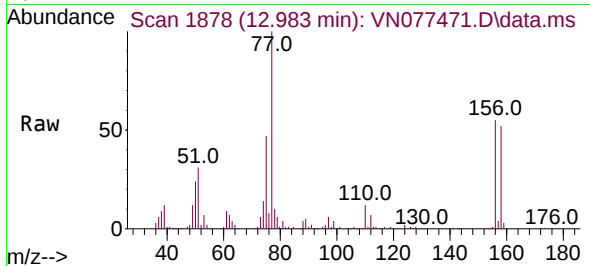
Tgt Ion: 75 Resp: 208350
Ion Ratio Lower Upper
75 100
77 178.9 84.5 253.5





#77
Bromobenzene
Concen: 19.103 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

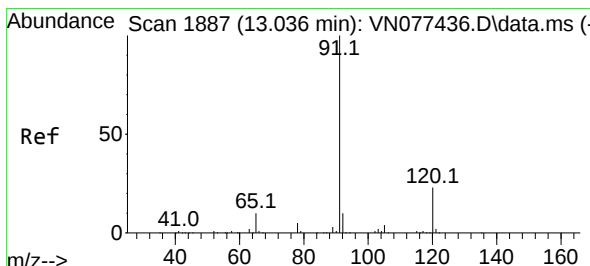
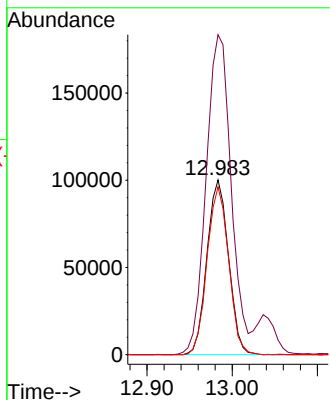
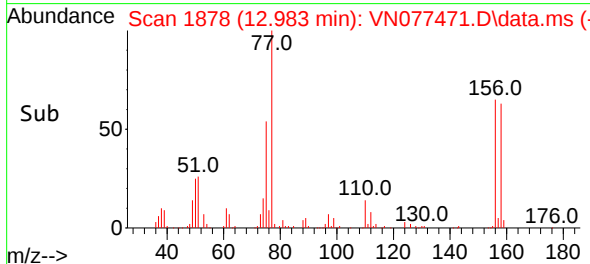
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



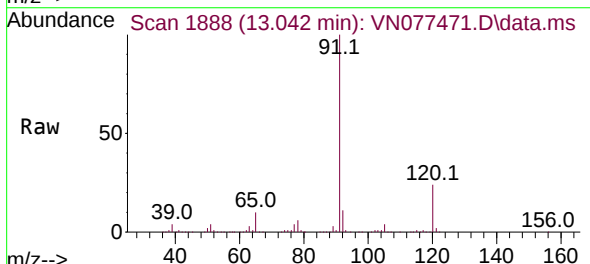
Tgt Ion:156 Resp: 176210
Ion Ratio Lower Upper
156 100
77 211.6 107.7 323.3
158 95.6 48.4 145.3

Manual Integrations
APPROVED

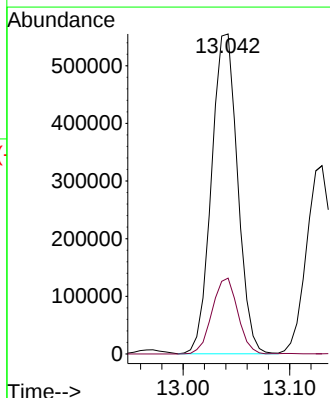
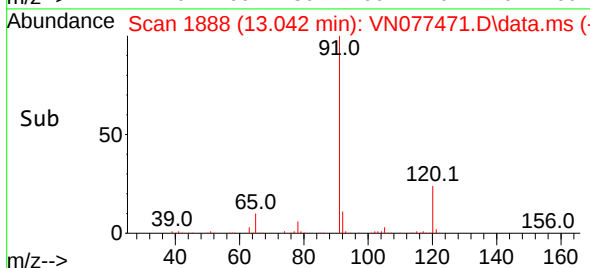
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

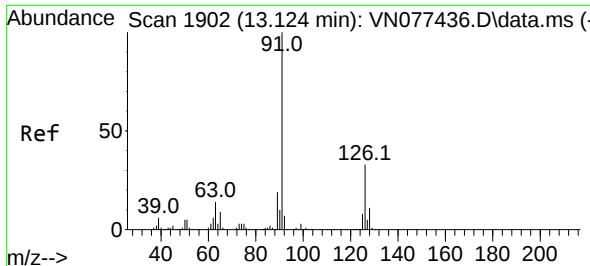


#78
n-propylbenzene
Concen: 20.182 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55



Tgt Ion: 91 Resp: 944493
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





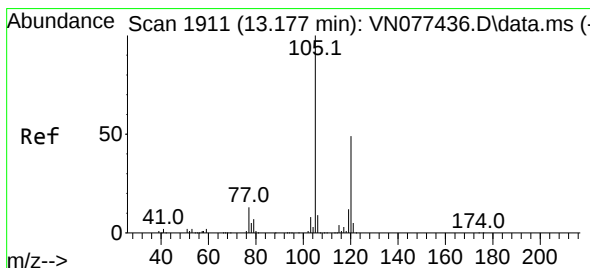
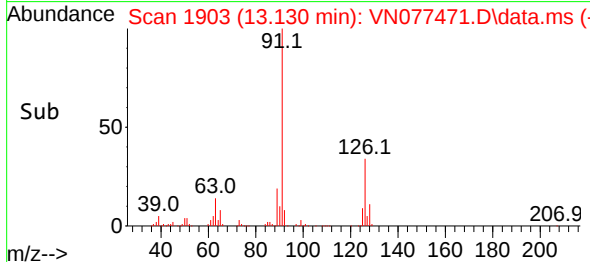
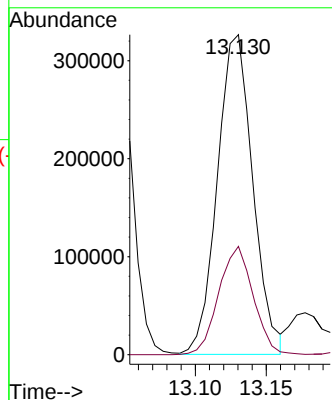
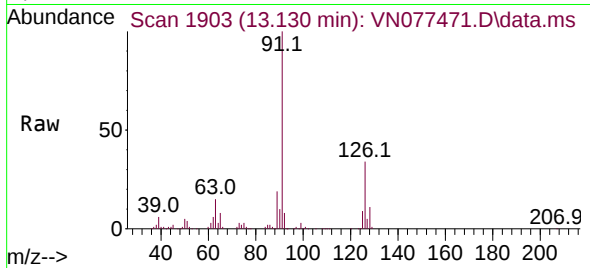
#79
2-Chlorotoluene
Concen: 19.641 ug/l
RT: 13.130 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion: 91 Resp: 566719
Ion Ratio Lower Upper
91 100
126 33.0 16.3 48.8

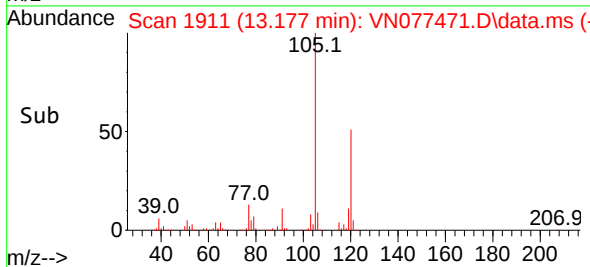
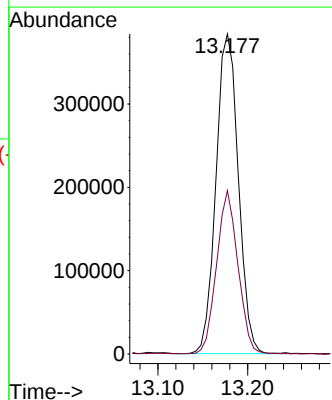
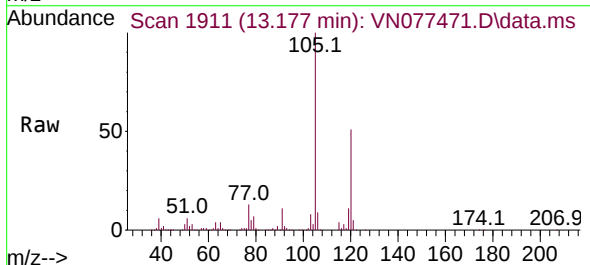
Manual Integrations
APPROVED

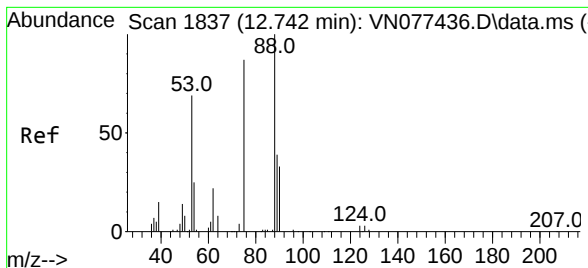
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.107 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

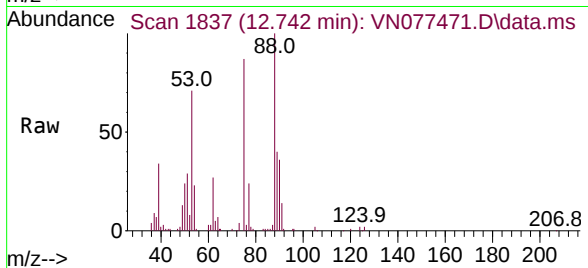
Tgt Ion:105 Resp: 663448
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.103 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

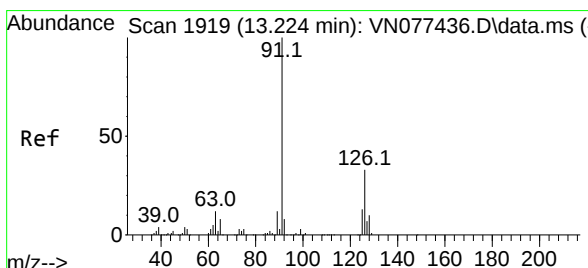
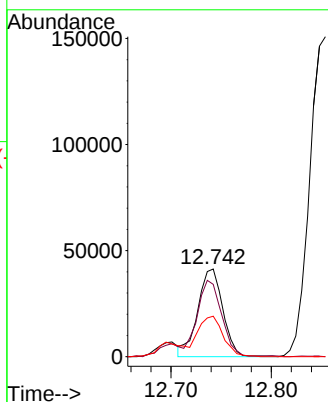
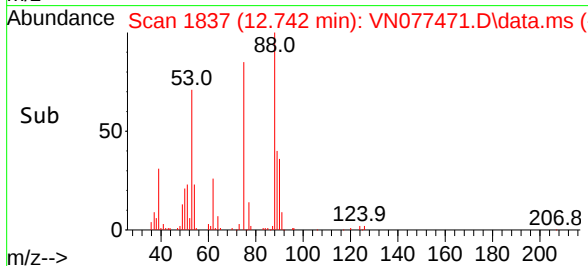
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



Tgt Ion: 75 Resp: 71718
Ion Ratio Lower Upper
75 100
53 83.1 67.4 101.2
89 45.6 38.8 58.2

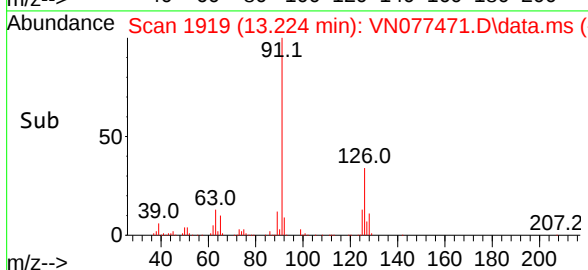
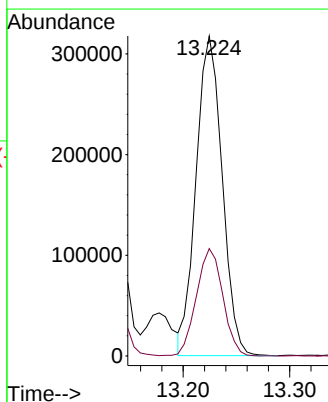
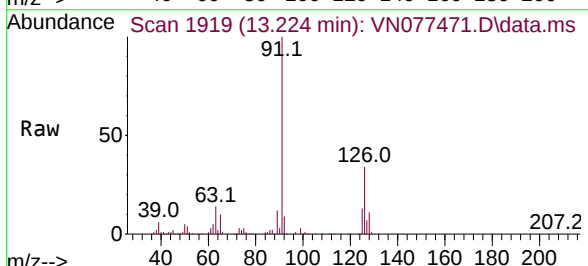
Manual Integrations
APPROVED

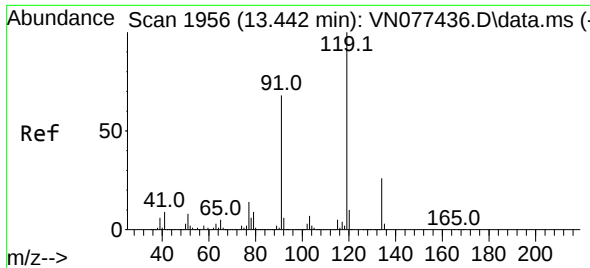
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#82
4-Chlorotoluene
Concen: 20.046 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

Tgt Ion: 91 Resp: 540498
Ion Ratio Lower Upper
91 100
126 34.0 16.7 50.0





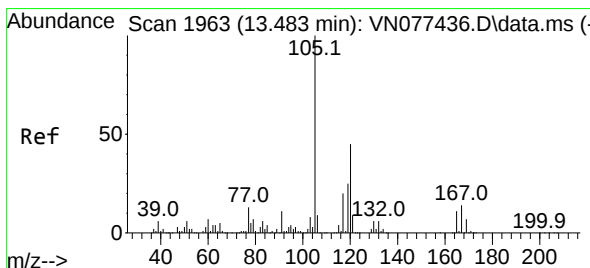
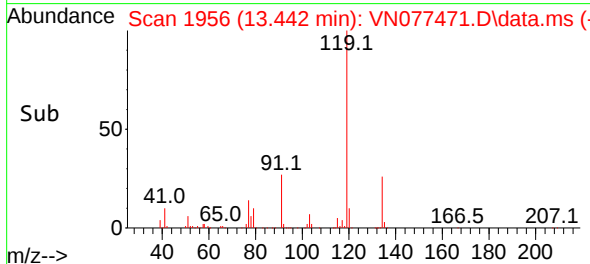
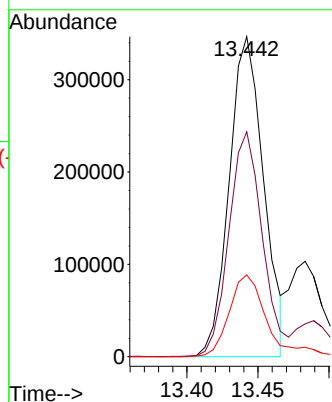
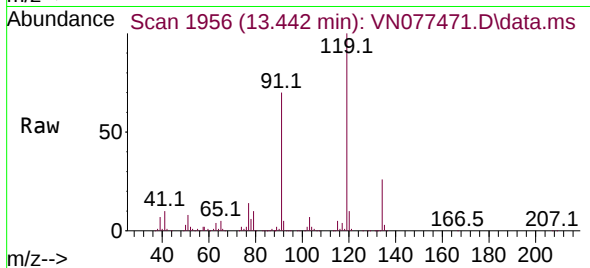
#83
tert-Butylbenzene
Concen: 19.166 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion:119 Resp: 585024
Ion Ratio Lower Upper
119 100
91 68.8 33.9 101.7
134 28.0 13.2 39.6

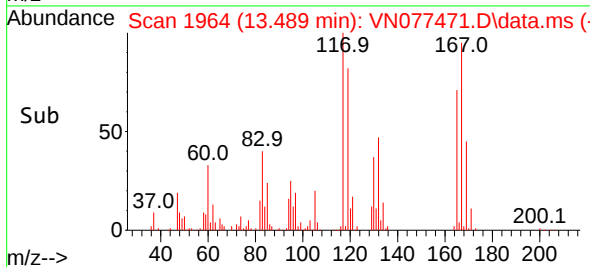
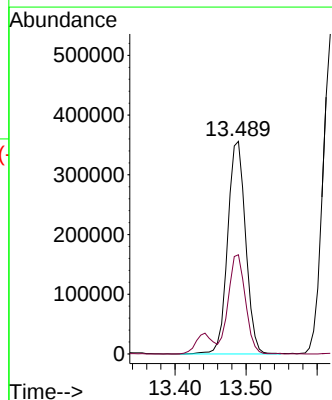
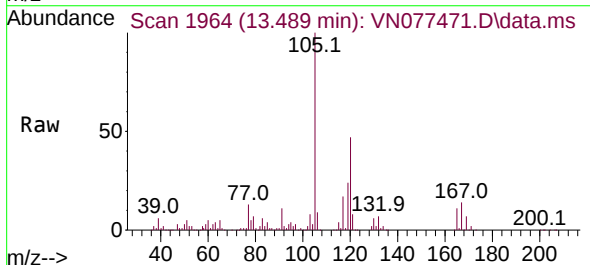
Manual Integrations
APPROVED

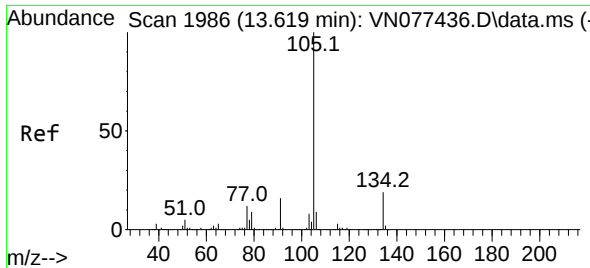
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#84
1,2,4-Trimethylbenzene
Concen: 21.240 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

Tgt Ion:105 Resp: 623490
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





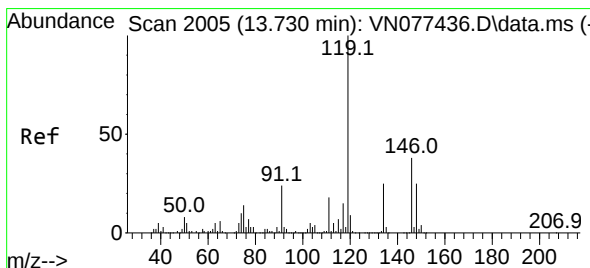
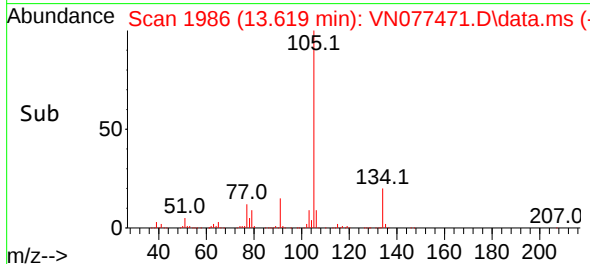
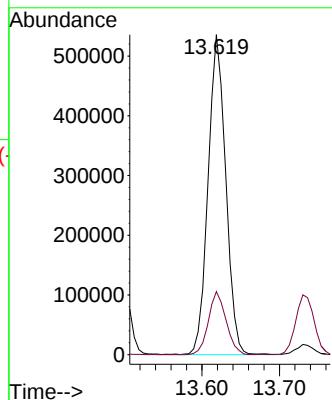
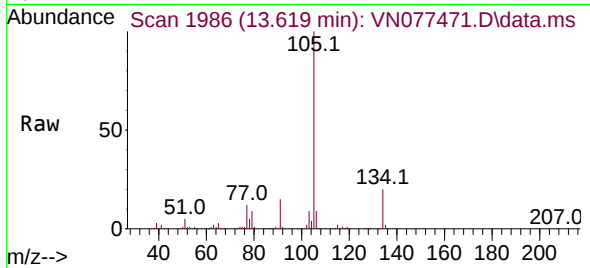
#85
 sec-Butylbenzene
 Concen: 20.234 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077471.D
 Acq: 25 Apr 2023 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425WBSD01

Tgt Ion:105 Resp: 847782
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

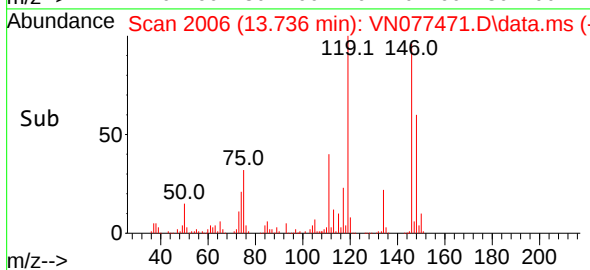
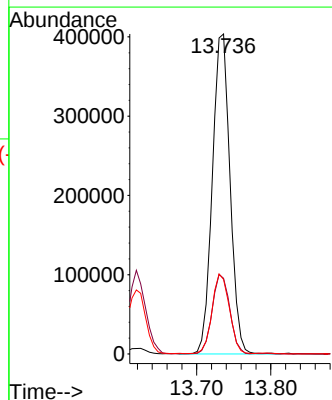
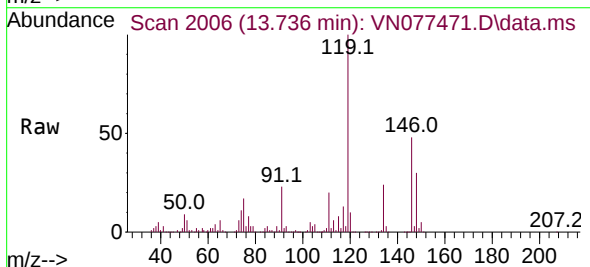
Manual Integrations
 APPROVED

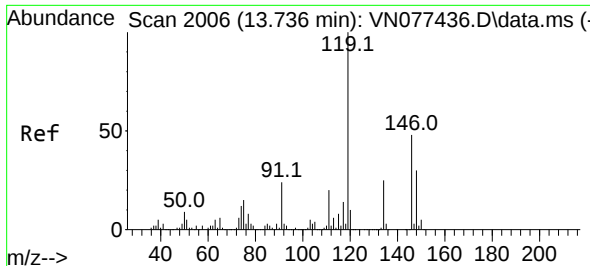
Reviewed By :John Carlone 04/26/2023
 Supervised By :Mahesh Dadoda 04/26/2023



#86
 p-Isopropyltoluene
 Concen: 20.715 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077471.D
 Acq: 25 Apr 2023 15:55

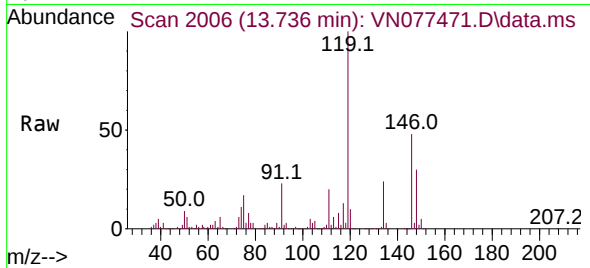
Tgt Ion:119 Resp: 667795
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.6 37.8
 91 24.5 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 19.581 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

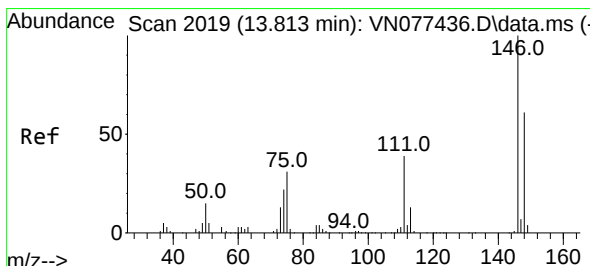
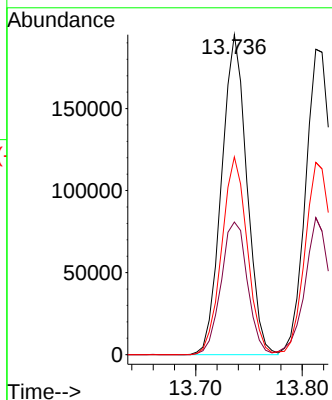
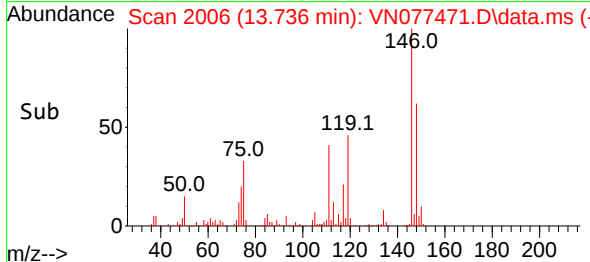
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



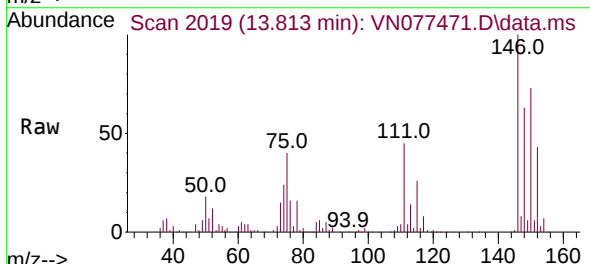
Tgt Ion:146 Resp: 321220
Ion Ratio Lower Upper
146 100
111 43.3 22.1 66.3
148 62.2 32.0 96.0

Manual Integrations
APPROVED

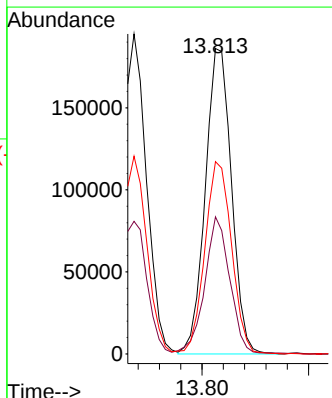
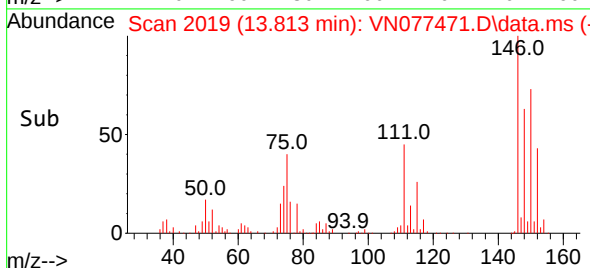
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023

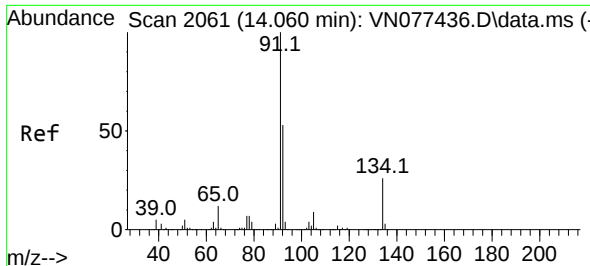


#88
1,4-Dichlorobenzene
Concen: 19.631 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55



Tgt Ion:146 Resp: 317980
Ion Ratio Lower Upper
146 100
111 43.3 20.6 61.8
148 64.6 31.6 94.8





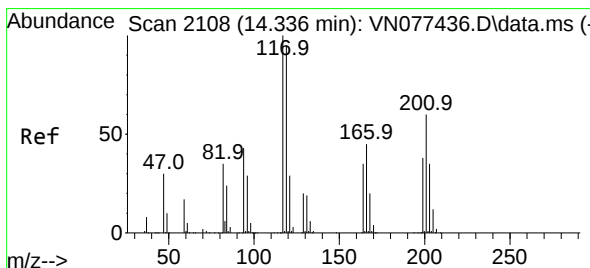
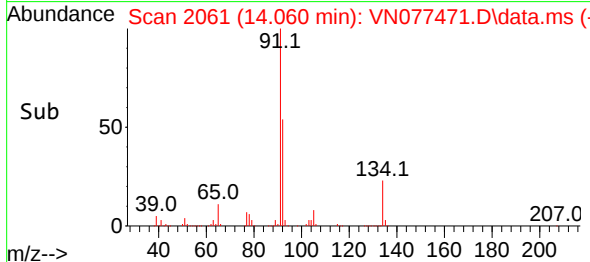
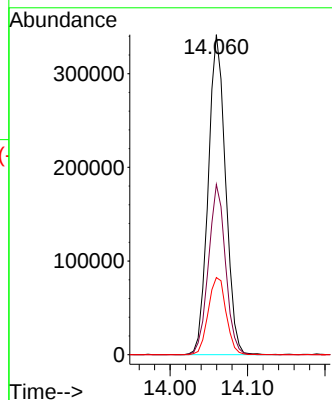
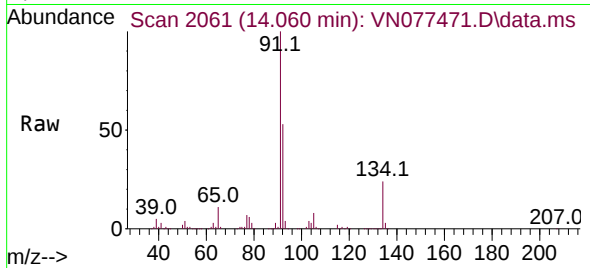
#89
n-Butylbenzene
Concen: 21.245 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion: 91 Resp: 530012
Ion Ratio Lower Upper
91 100
92 52.3 26.4 79.0
134 24.9 12.6 37.6

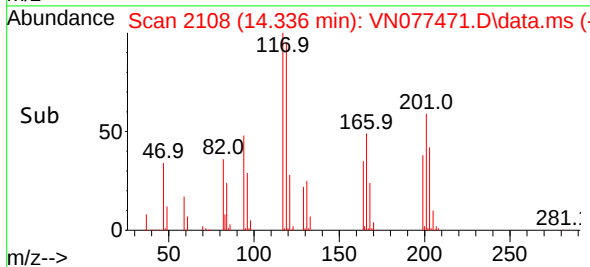
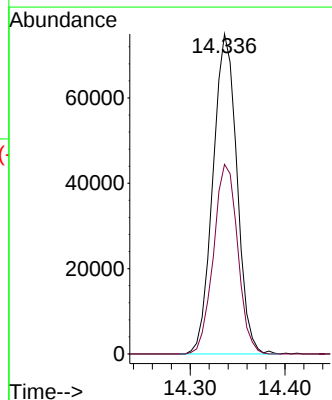
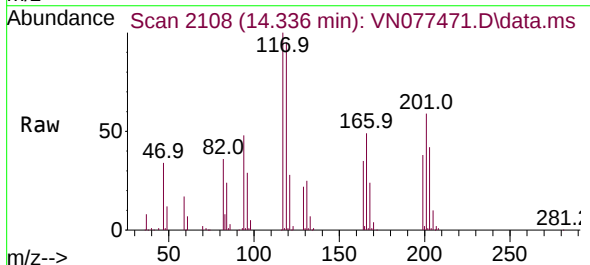
Manual Integrations
APPROVED

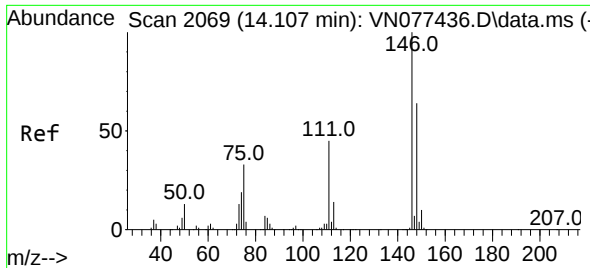
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#90
Hexachloroethane
Concen: 18.523 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

Tgt Ion:117 Resp: 131919
Ion Ratio Lower Upper
117 100
201 59.8 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 19.744 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077471.D

Acq: 25 Apr 2023 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0425WBSD01

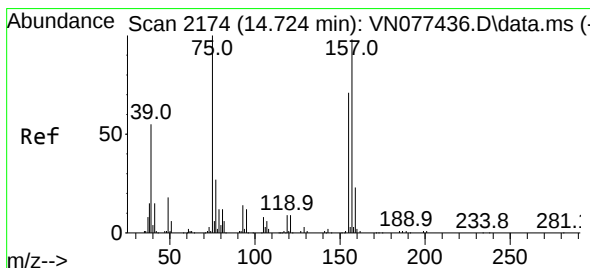
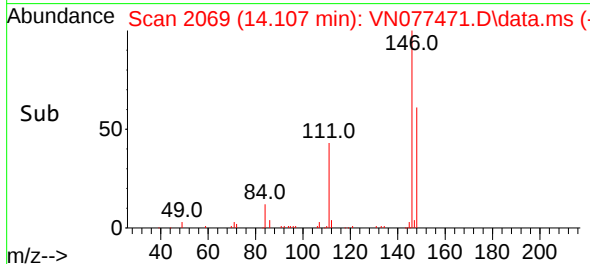
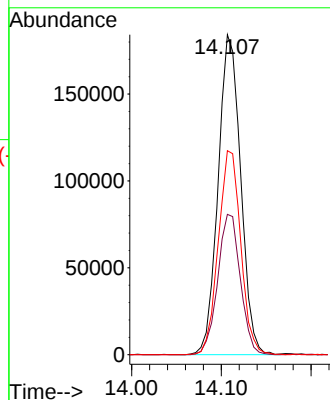
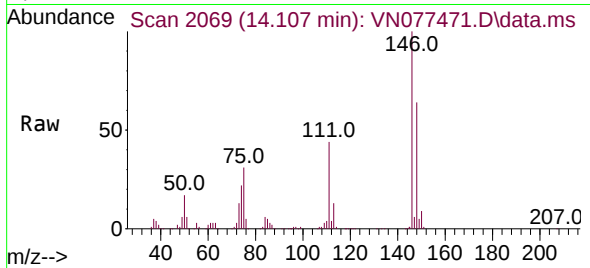
Tgt Ion:	146	Resp:	321250
Ion	Ratio	Lower	Upper
146	100		
111	44.0	22.0	66.0
148	63.5	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2023

Supervised By :Mahesh Dadoda 04/26/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.000 ug/l

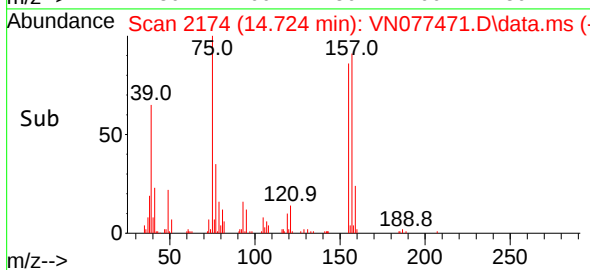
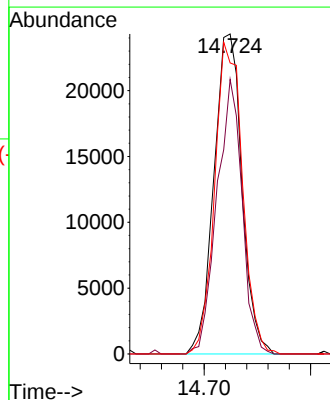
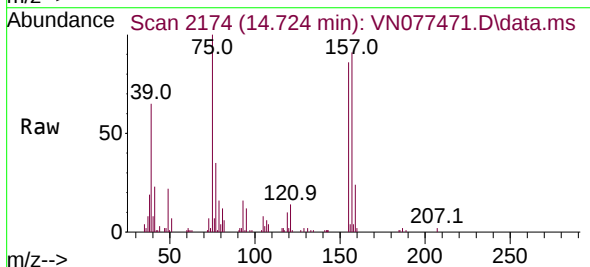
RT: 14.724 min Scan# 2174

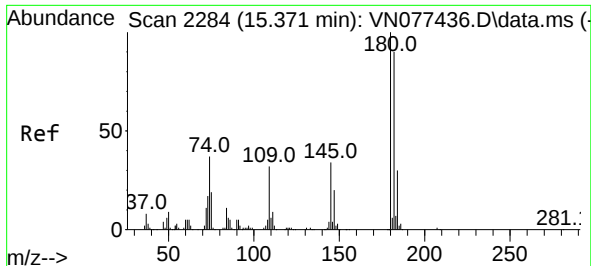
Delta R.T. 0.000 min

Lab File: VN077471.D

Acq: 25 Apr 2023 15:55

Tgt Ion:	75	Resp:	44266
Ion	Ratio	Lower	Upper
75	100		
155	77.2	39.1	117.2
157	96.5	50.3	150.9





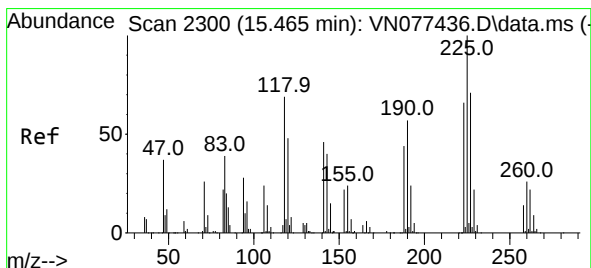
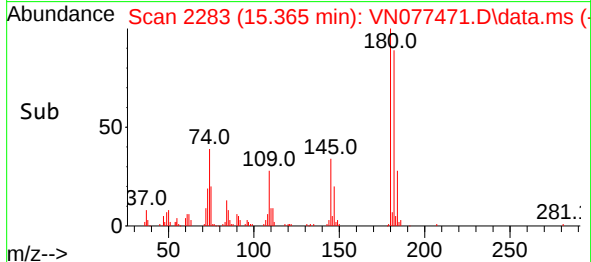
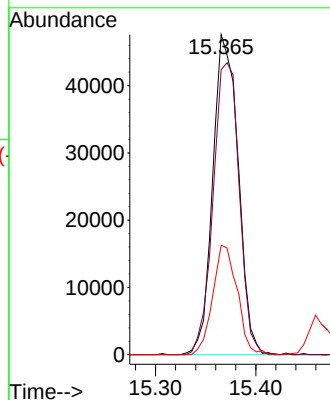
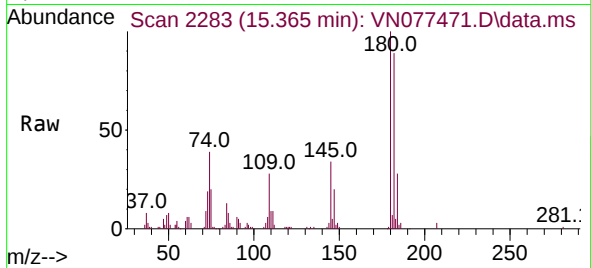
#93
1,2,4-Trichlorobenzene
Concen: 21.058 ug/l
RT: 15.365 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01

Tgt Ion:180 Resp: 8362
Ion Ratio Lower Upper
180 100
182 94.0 46.1 138.2
145 32.9 16.6 49.8

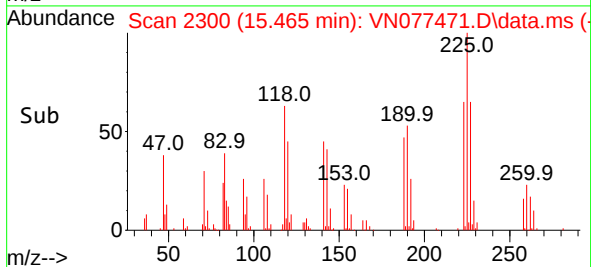
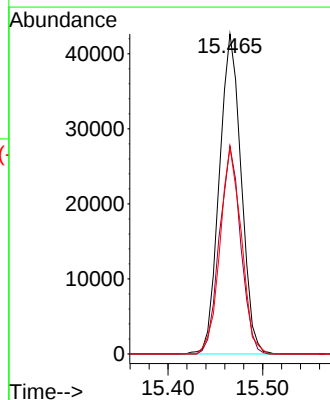
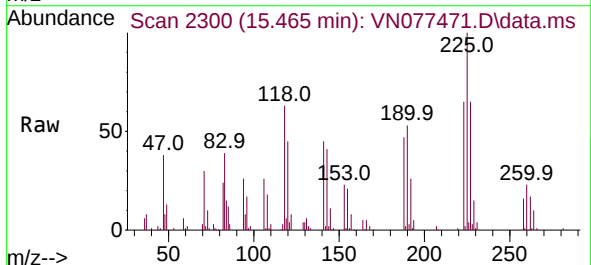
Manual Integrations
APPROVED

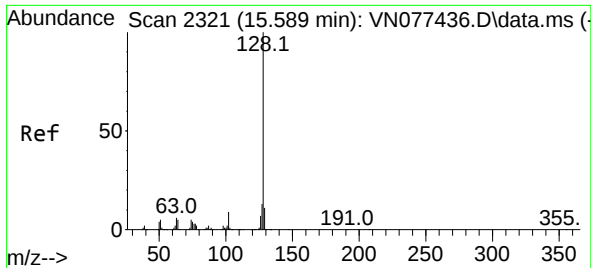
Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#94
Hexachlorobutadiene
Concen: 20.793 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

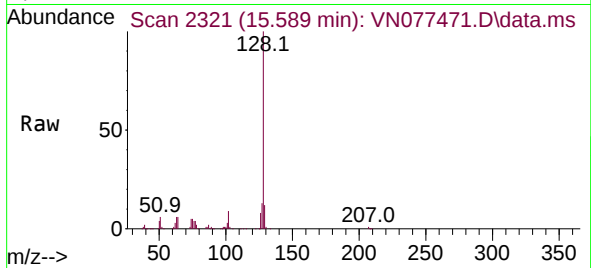
Tgt Ion:225 Resp: 68366
Ion Ratio Lower Upper
225 100
223 62.8 31.3 93.8
227 63.0 31.9 95.9





#95
Naphthalene
Concen: 20.356 ug/l
RT: 15.589 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55

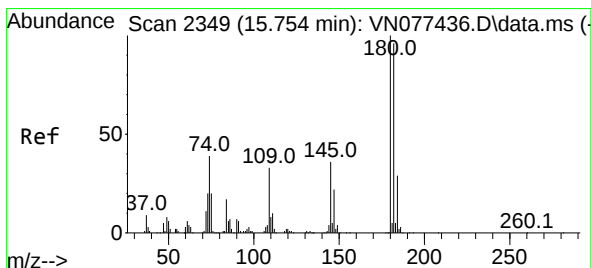
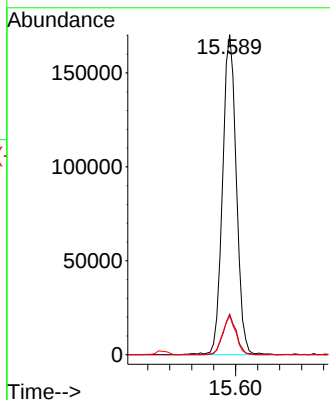
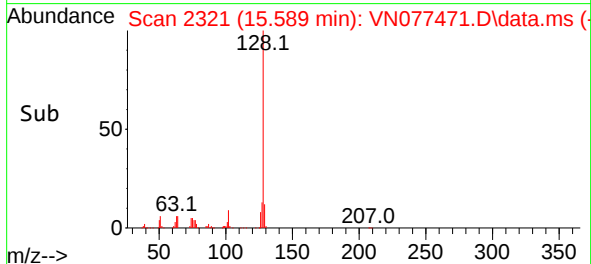
Instrument :
MSVOA_N
ClientSampleId :
VN0425WBSD01



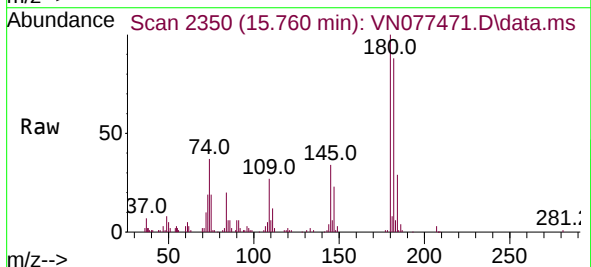
Tgt Ion:128 Resp: 29575
Ion Ratio Lower Upper
128 100
127 12.2 10.0 15.0
129 11.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/26/2023
Supervised By :Mahesh Dadoda 04/26/2023



#96
1,2,3-Trichlorobenzene
Concen: 21.077 ug/l
RT: 15.760 min Scan# 2350
Delta R.T. 0.006 min
Lab File: VN077471.D
Acq: 25 Apr 2023 15:55



Tgt Ion:180 Resp: 78500
Ion Ratio Lower Upper
180 100
182 92.9 46.2 138.6
145 36.2 17.5 52.6

