

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041323\
 Data File : VN077319.D
 Acq On : 13 Apr 2023 11:10
 Operator : JC\MD
 Sample : VN0413WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBS01

Quant Time: Apr 14 08:57:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2023
 Supervised By : Mahesh Dadoda 04/14/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	435024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	847450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	762779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	315457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	283040	47.605	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.200%		
35) Dibromofluoromethane	8.172	113	253530	46.733	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.460%		
50) Toluene-d8	10.572	98	1009561	46.226	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.460%		
62) 4-Bromofluorobenzene	12.854	95	329947	45.425	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	92056	16.579	ug/l	99
3) Chloromethane	2.372	50	109604	15.929	ug/l	96
4) Vinyl Chloride	2.525	62	154392	16.549	ug/l	98
5) Bromomethane	2.966	94	119168	17.620	ug/l	97
6) Chloroethane	3.131	64	104065	15.630	ug/l	98
7) Trichlorofluoromethane	3.513	101	145624	18.002	ug/l	99
8) Diethyl Ether	3.978	74	59798	17.641	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.384	101	91923	18.568	ug/l	97
10) Methyl Iodide	4.601	142	105338	17.496	ug/l	97
11) Tert butyl alcohol	5.531	59	93937	77.429	ug/l #	90
12) 1,1-Dichloroethene	4.354	96	86369	16.948	ug/l	90
13) Acrolein	4.190	56	103086	89.716	ug/l	98
14) Allyl chloride	5.031	41	117035	15.206	ug/l	97
15) Acrylonitrile	5.731	53	221729	82.669	ug/l	99
16) Acetone	4.437	43	181520	82.804	ug/l	95
17) Carbon Disulfide	4.719	76	227931	16.587	ug/l	100
18) Methyl Acetate	5.037	43	133179	15.951	ug/l	94
19) Methyl tert-butyl Ether	5.807	73	311866	17.247	ug/l	99
20) Methylene Chloride	5.290	84	102453	16.548	ug/l	94
21) trans-1,2-Dichloroethene	5.801	96	96413	17.279	ug/l	98
22) Diisopropyl ether	6.684	45	260515	16.883	ug/l	94
23) Vinyl Acetate	6.613	43	976365m	93.581	ug/l	
24) 1,1-Dichloroethane	6.578	63	169492	17.010	ug/l	98
25) 2-Butanone	7.489	43	282354	79.361	ug/l	100
26) 2,2-Dichloropropane	7.495	77	169621	18.564	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	123875	18.180	ug/l	97
28) Bromochloromethane	7.819	49	70951	17.702	ug/l	93
29) Tetrahydrofuran	7.842	42	179079	78.301	ug/l	97
30) Chloroform	7.972	83	191953	18.065	ug/l	94
31) Cyclohexane	8.266	56	153846	16.652	ug/l	98
32) 1,1,1-Trichloroethane	8.178	97	171685	17.766	ug/l	98
36) 1,1-Dichloropropene	8.378	75	140463	17.506	ug/l	100
37) Ethyl Acetate	7.572	43	116214	16.188	ug/l	99
38) Carbon Tetrachloride	8.366	117	146224	17.788	ug/l	93
39) Methylcyclohexane	9.601	83	185409	17.137	ug/l	93
40) Benzene	8.613	78	428284	17.113	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	59690	15.468	ug/l	95
42) 1,2-Dichloroethane	8.678	62	134017	17.399	ug/l	99
43) Isopropyl Acetate	8.695	43	201903	15.242	ug/l	97
44) Trichloroethene	9.354	130	105212	17.570	ug/l	94
45) 1,2-Dichloropropane	9.625	63	104720	17.618	ug/l	92
46) Dibromomethane	9.713	93	78273	17.478	ug/l	98
47) Bromodichloromethane	9.889	83	154153	17.222	ug/l	96
48) Methyl methacrylate	9.683	41	86746	15.351	ug/l	94
49) 1,4-Dioxane	9.701	88	42698	311.652	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	620428	81.028	ug/l	100
52) Toluene	10.630	92	288197	17.593	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	168374	17.323	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	182363	17.614	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	113342	17.626	ug/l	98
56) Ethyl methacrylate	10.878	69	166590	16.633	ug/l	98
57) 1,3-Dichloropropane	11.166	76	188410	17.735	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	253197	84.922	ug/l	98
59) 2-Hexanone	11.195	43	457480	80.197	ug/l	100
60) Dibromochloromethane	11.366	129	116612	17.608	ug/l	96
61) 1,2-Dibromoethane	11.472	107	110754	17.256	ug/l	95
64) Tetrachloroethene	11.107	164	80944	17.178	ug/l	93
65) Chlorobenzene	11.895	112	299100	17.810	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.966	131	112025	17.630	ug/l	99
67) Ethyl Benzene	11.966	91	543092	17.525	ug/l	99
68) m/p-Xylenes	12.077	106	419738	34.472	ug/l	99
69) o-Xylene	12.401	106	210040	17.485	ug/l	100
70) Styrene	12.413	104	333386	17.247	ug/l	98
71) Bromoform	12.583	173	76102	17.014	ug/l #	99
73) Isopropylbenzene	12.701	105	543532	17.739	ug/l	100
74) N-amyl acetate	12.495	43	175806	15.141	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	165464	17.208	ug/l	98
76) 1,2,3-Trichloropropane	13.001	75	121458m	16.169	ug/l	
77) Bromobenzene	12.983	156	107764	17.297	ug/l	97
78) n-propylbenzene	13.042	91	600719	17.744	ug/l	99
79) 2-Chlorotoluene	13.130	91	358544	17.588	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	436161	17.823	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	61096	18.303	ug/l	85
82) 4-Chlorotoluene	13.224	91	341085	17.746	ug/l	99
83) tert-Butylbenzene	13.442	119	399904	18.359	ug/l	98
84) 1,2,4-Trimethylbenzene	13.489	105	422915	17.492	ug/l	100
85) sec-Butylbenzene	13.618	105	556999	18.348	ug/l	97
86) p-Isopropyltoluene	13.736	119	433980	18.190	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	205979	17.871	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	203297	17.886	ug/l	98
89) n-Butylbenzene	14.060	91	350049	17.673	ug/l	99
90) Hexachloroethane	14.336	117	92039	17.643	ug/l	95
91) 1,2-Dichlorobenzene	14.113	146	203165	17.620	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	31078	17.054	ug/l	93
93) 1,2,4-Trichlorobenzene	15.371	180	60227	14.469	ug/l	99
94) Hexachlorobutadiene	15.471	225	40991	17.013	ug/l	98
95) Naphthalene	15.589	128	225966	14.451	ug/l	99
96) 1,2,3-Trichlorobenzene	15.754	180	58516	14.697	ug/l	99

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ClientSampleId :
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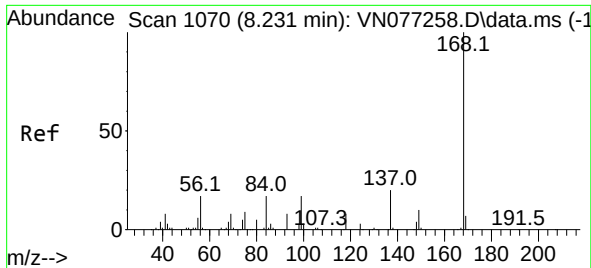
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/14/2023

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QLast Update : Thu Apr 06 08:27:03 2023
Response via : Initial Calibration

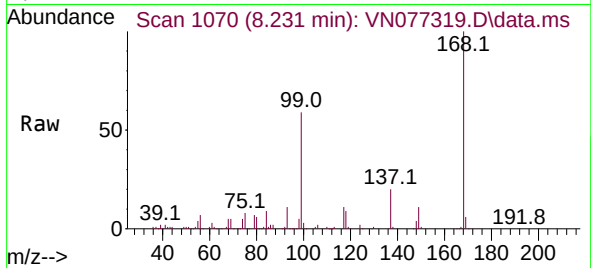
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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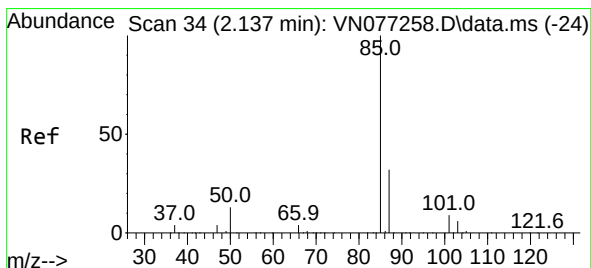
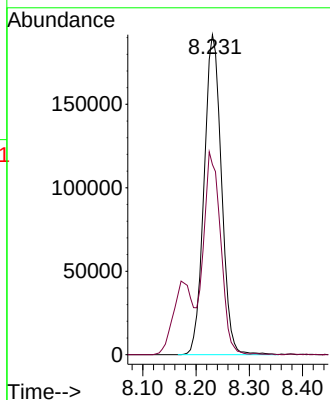
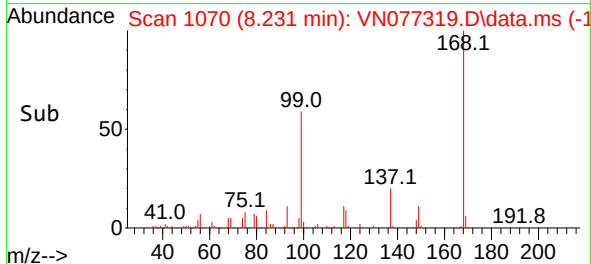
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



Tgt Ion:168 Resp: 435024
Ion Ratio Lower Upper
168 100
99 59.3 50.6 75.8

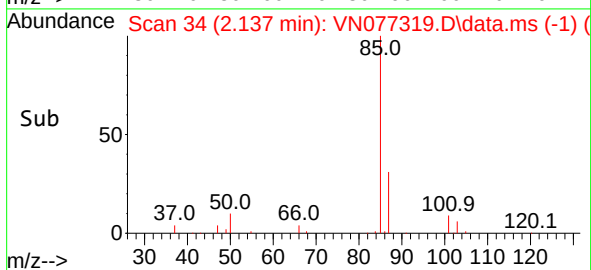
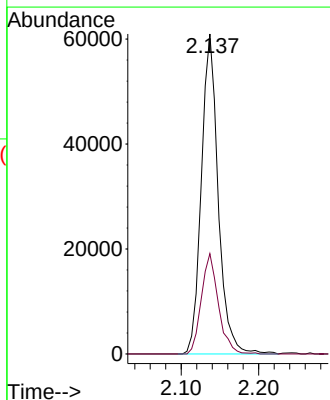
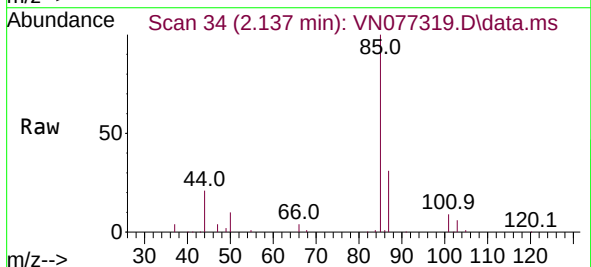
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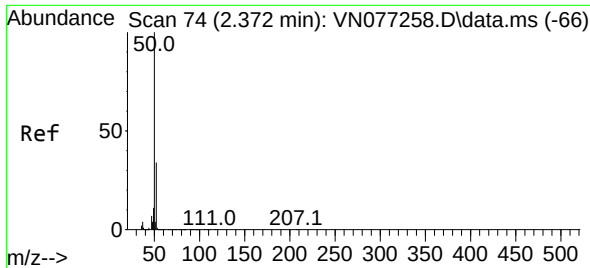
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#2
Dichlorodifluoromethane
Concen: 16.579 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

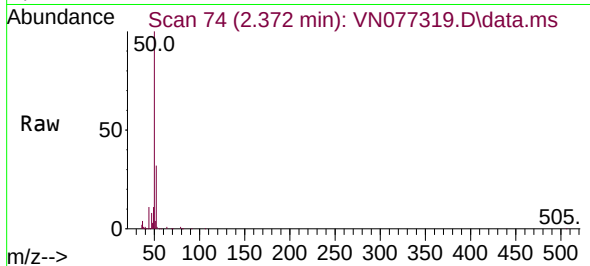
Tgt Ion: 85 Resp: 92056
Ion Ratio Lower Upper
85 100
87 31.4 16.1 48.2





#3
Chloromethane
Concen: 15.929 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

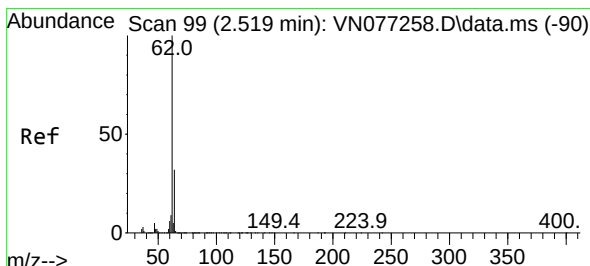
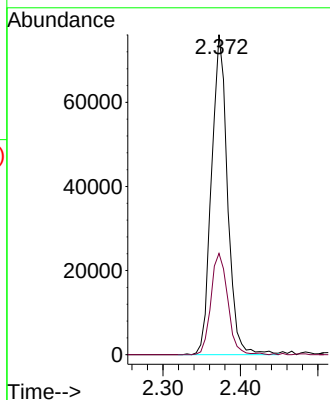
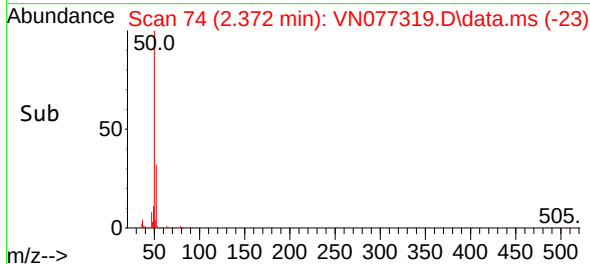
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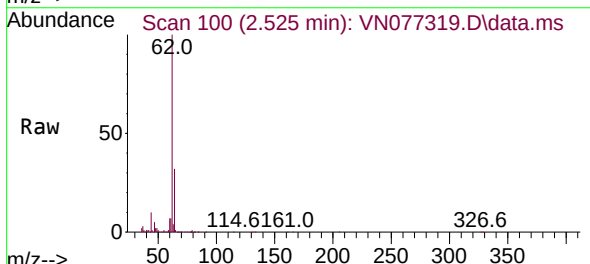
Tgt Ion: 50 Resp: 109604
Ion Ratio Lower Upper
50 100
52 31.6 27.3 40.9

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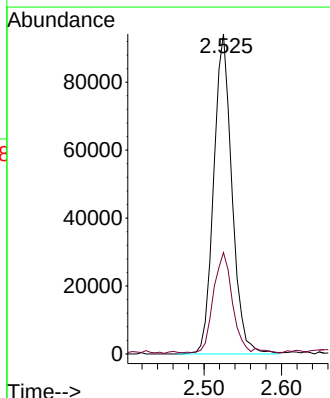
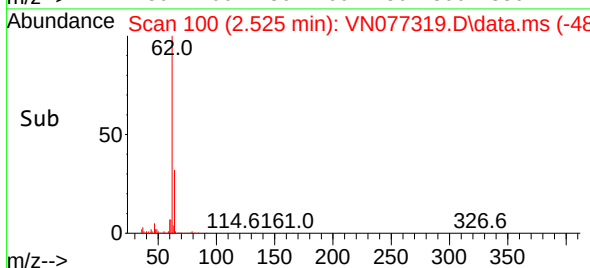
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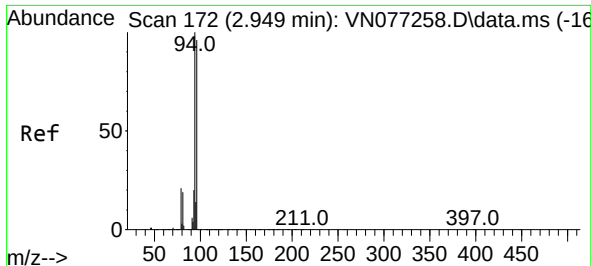


#4
Vinyl Chloride
Concen: 16.549 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10



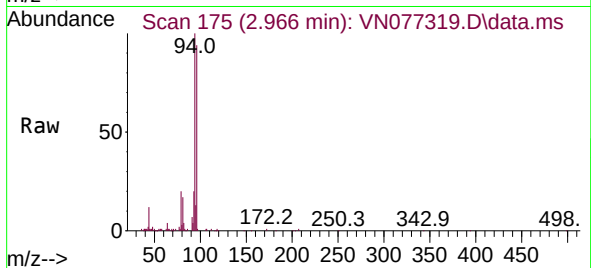
Tgt Ion: 62 Resp: 154392
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.8





#5
Bromomethane
Concen: 17.620 ug/l
RT: 2.966 min Scan# 175
Delta R.T. 0.017 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

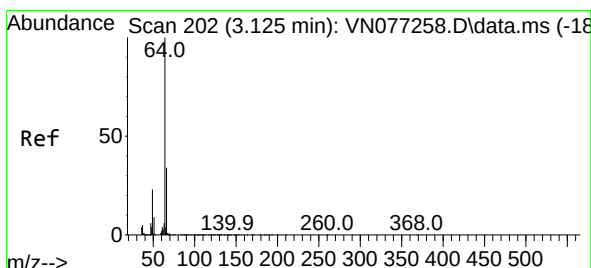
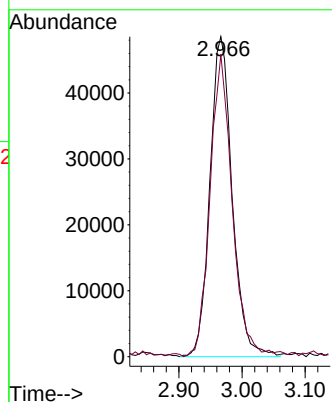
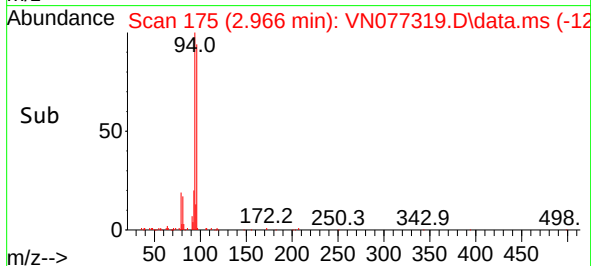
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Tgt Ion: 94 Resp: 119168
Ion Ratio Lower Upper
94 100
96 93.7 77.0 115.4

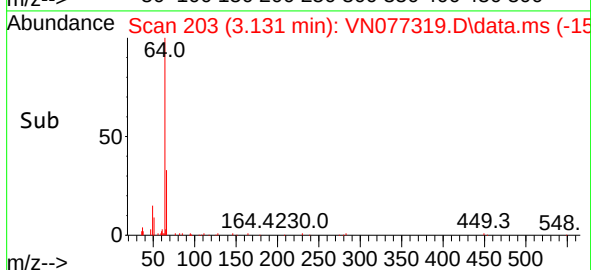
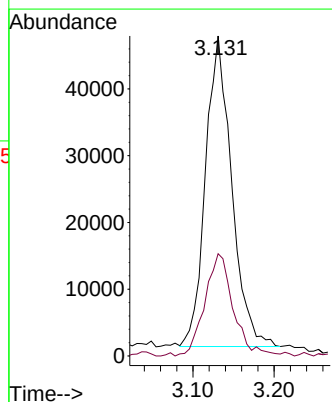
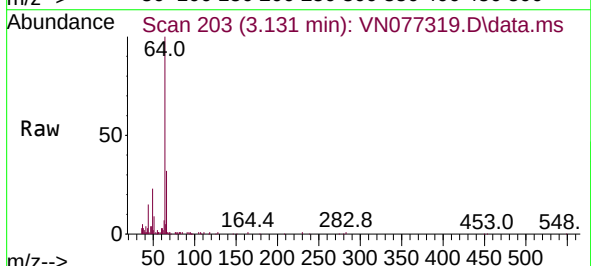
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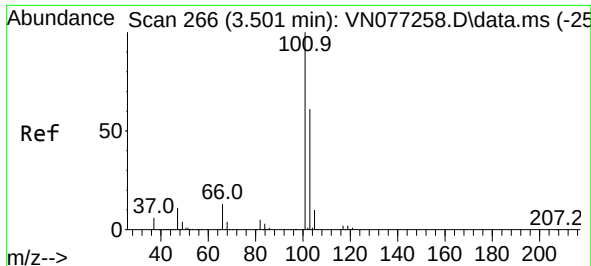
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#6
Chloroethane
Concen: 15.630 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077319.D
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Tgt Ion: 64 Resp: 104065
Ion Ratio Lower Upper
64 100
66 32.3 26.9 40.3





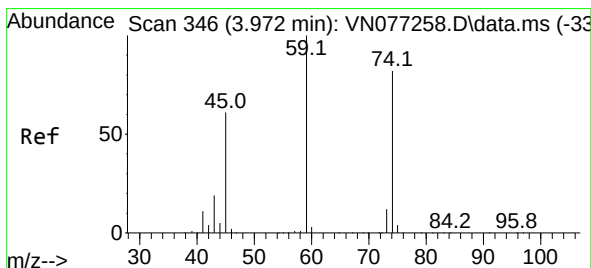
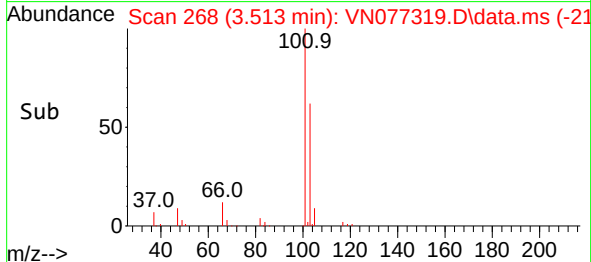
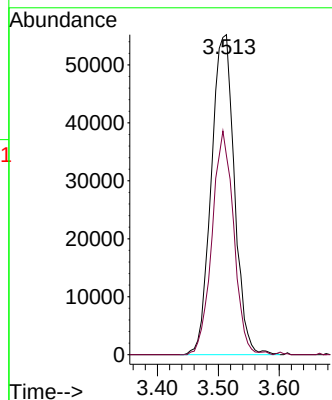
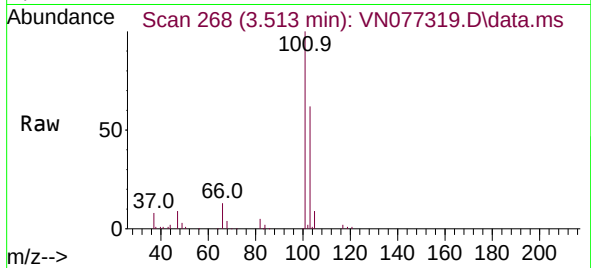
#7
Trichlorofluoromethane
Concen: 18.002 ug/l
RT: 3.513 min Scan# 20
Delta R.T. 0.012 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

Instrument :
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ClientSampleId :
VN0413WBS01

Tgt Ion:101 Resp: 145624
Ion Ratio Lower Upper
101 100
103 62.2 49.0 73.4

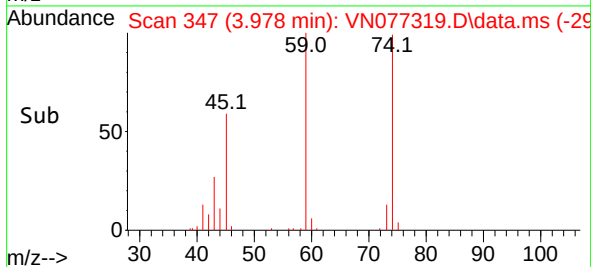
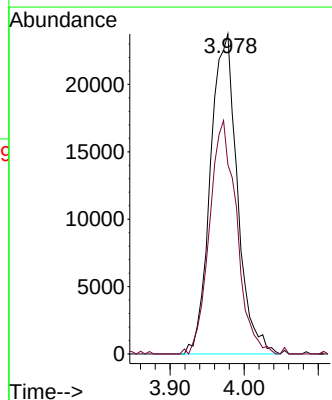
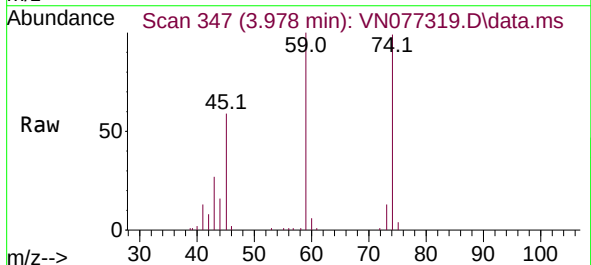
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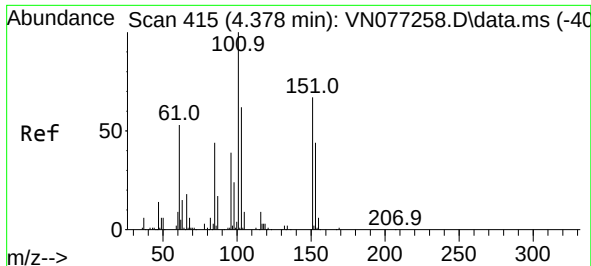
Reviewed By :John Carlone 04/14/2023
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#8
Diethyl Ether
Concen: 17.641 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
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Acq: 13 Apr 2023 11:10

Tgt Ion: 74 Resp: 59798
Ion Ratio Lower Upper
74 100
45 73.5 37.8 113.4





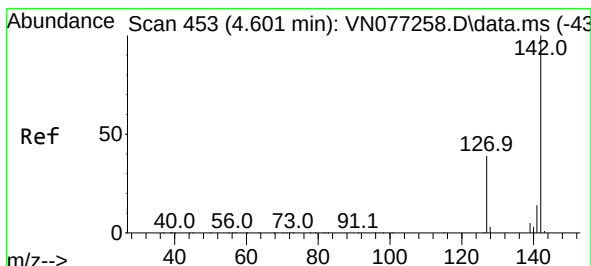
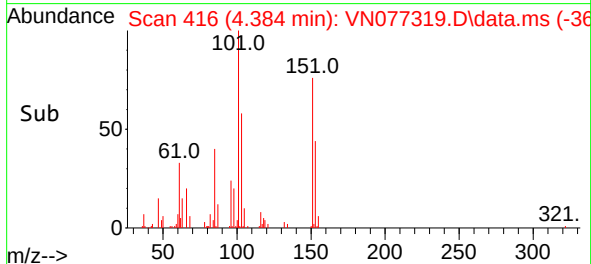
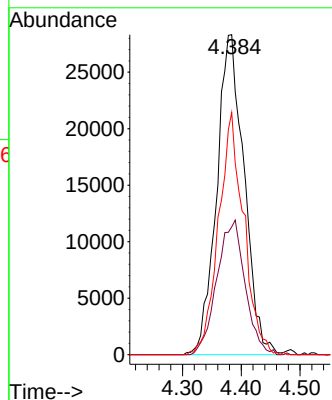
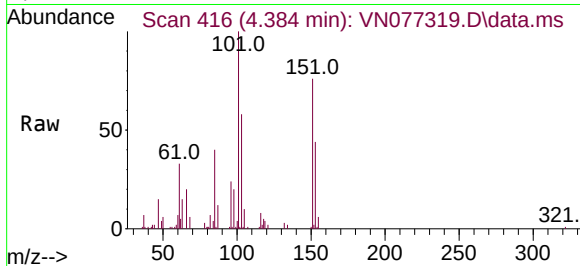
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.568 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

Tgt Ion:101 Resp: 9192
Ion Ratio Lower Upper
101 100
85 43.1 37.3 55.9
151 69.4 56.3 84.5

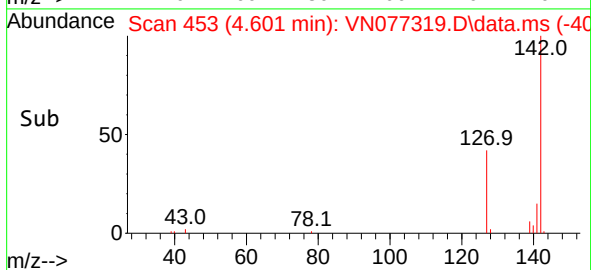
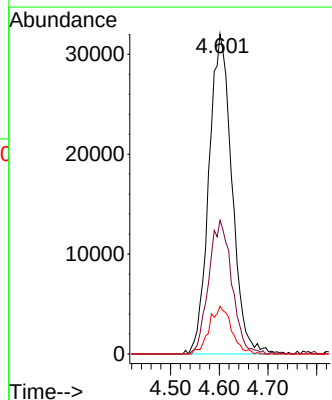
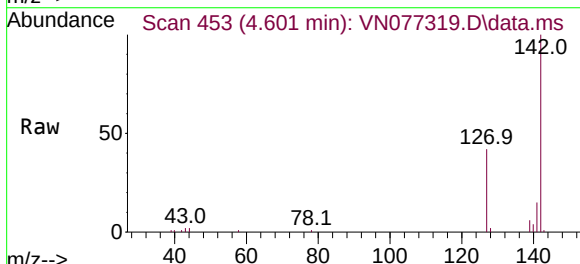
Manual Integrations
APPROVED

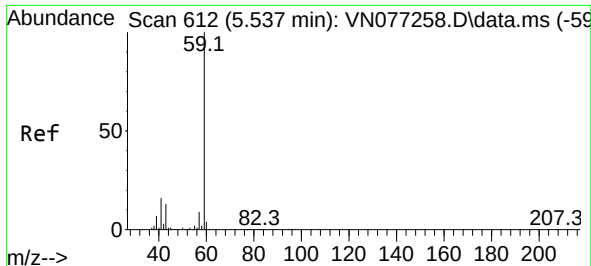
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#10
Methyl Iodide
Concen: 17.496 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

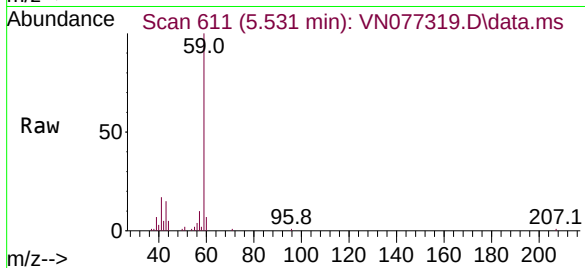
Tgt Ion:142 Resp: 105338
Ion Ratio Lower Upper
142 100
127 41.8 31.5 47.3
141 14.9 11.4 17.2





#11
Tert butyl alcohol
Concen: 77.429 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

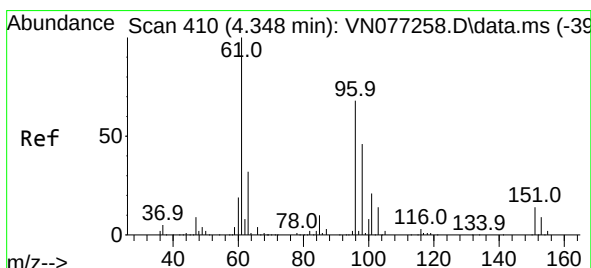
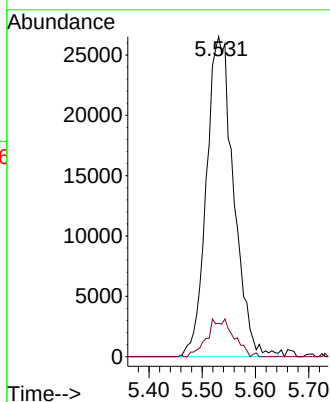
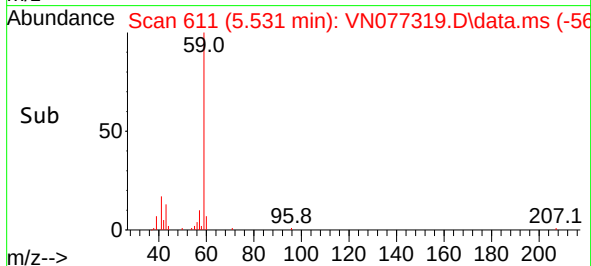
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



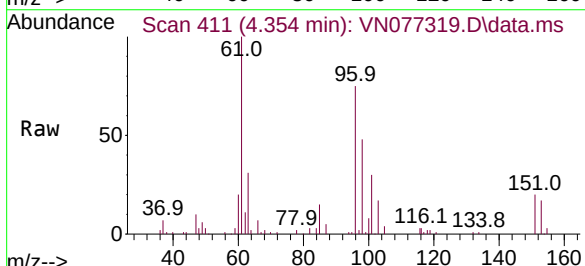
Tgt Ion: 59 Resp: 9393
Ion Ratio Lower Upper
59 100
57 6.7 8.3 12.5

Manual Integrations
APPROVED

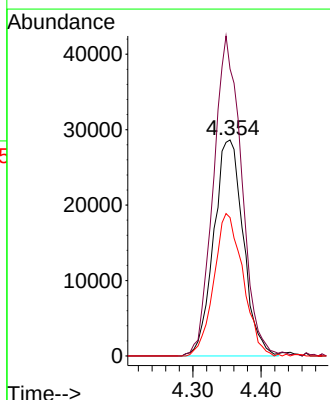
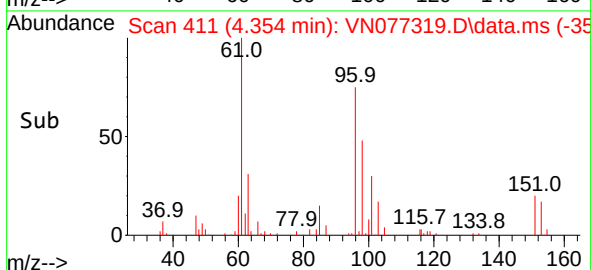
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

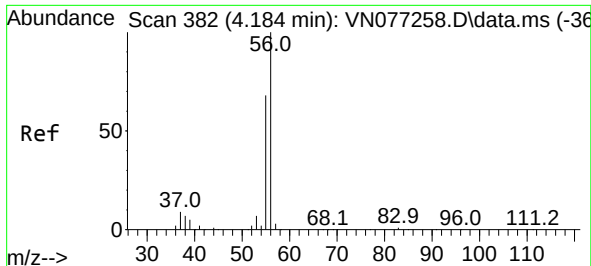


#12
1,1-Dichloroethene
Concen: 16.948 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10



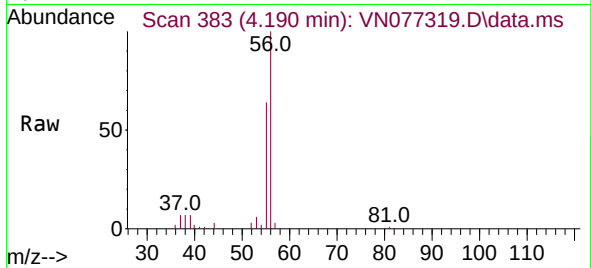
Tgt Ion: 96 Resp: 86369
Ion Ratio Lower Upper
96 100
61 132.9 118.3 177.5
98 64.1 54.5 81.7





#13
Acrolein
Concen: 89.716 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

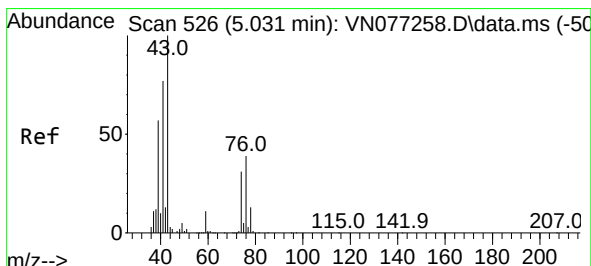
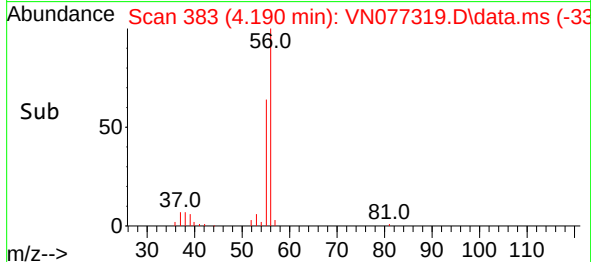
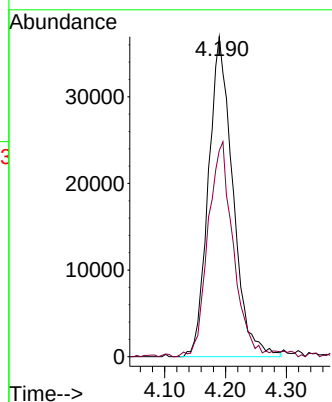
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



Tgt Ion: 56 Resp: 103080
Ion Ratio Lower Upper
56 100
55 69.0 54.2 81.2

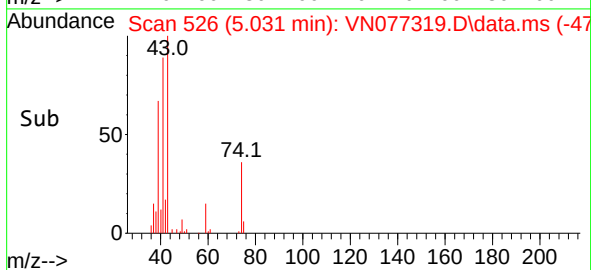
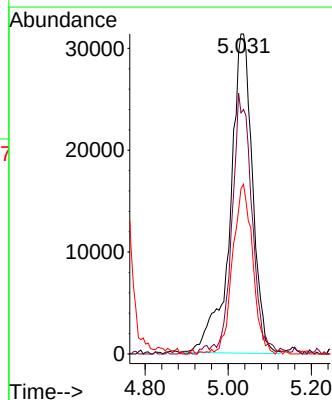
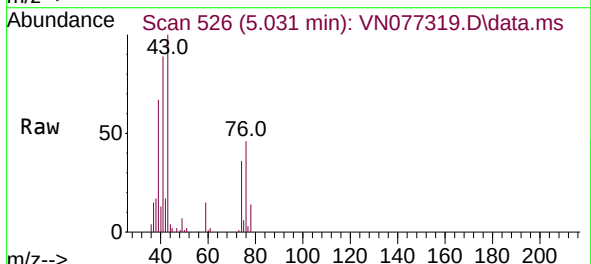
Manual Integrations
APPROVED

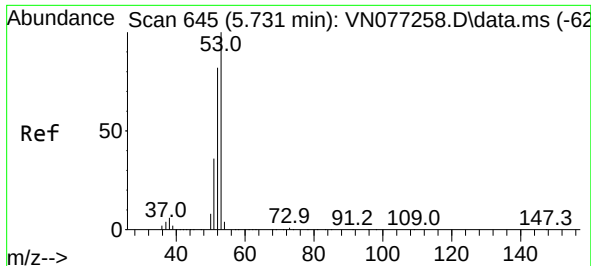
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#14
Allyl chloride
Concen: 15.206 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

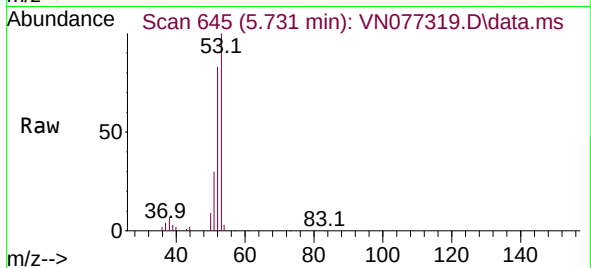
Tgt Ion: 41 Resp: 117035
Ion Ratio Lower Upper
41 100
39 70.7 55.0 82.4
76 47.5 35.4 53.2





#15
Acrylonitrile
Concen: 82.669 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

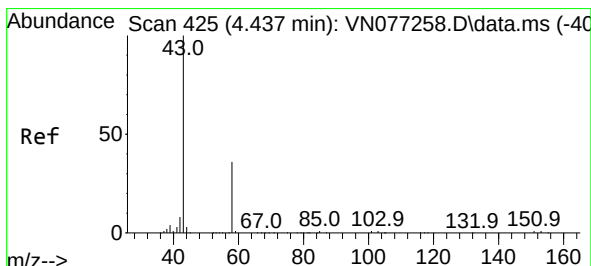
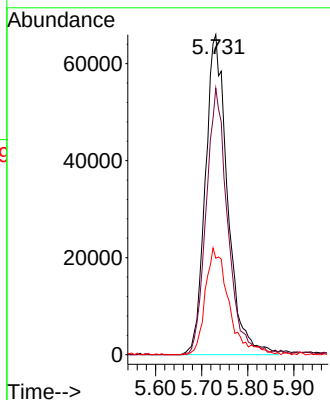
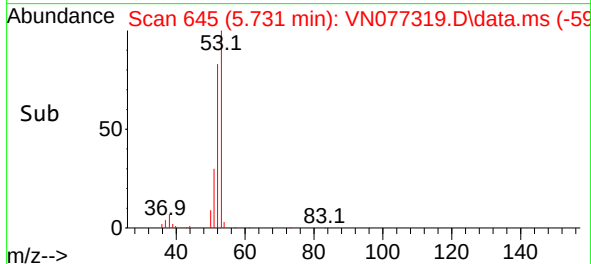
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



Tgt Ion: 53 Resp: 221729
Ion Ratio Lower Upper
53 100
52 80.2 65.2 97.8
51 35.3 28.1 42.1

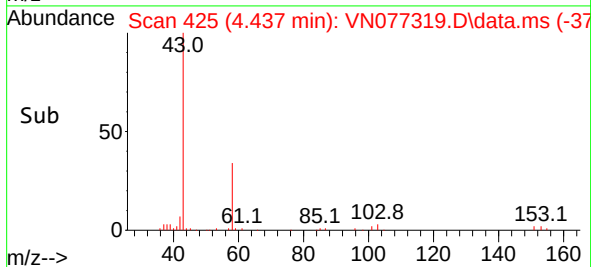
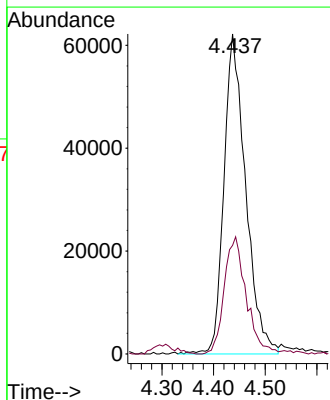
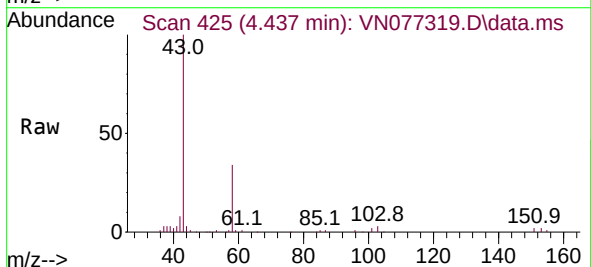
Manual Integrations
APPROVED

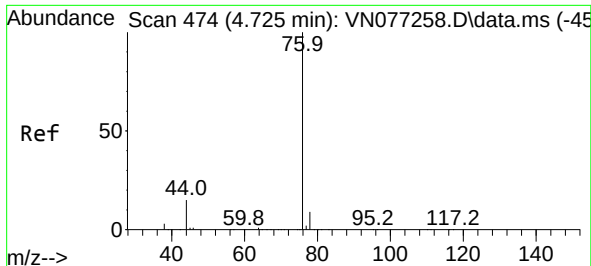
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#16
Acetone
Concen: 82.804 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

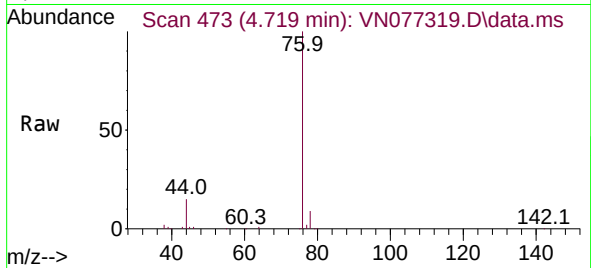
Tgt Ion: 43 Resp: 181520
Ion Ratio Lower Upper
43 100
58 33.3 29.0 43.6





#17
Carbon Disulfide
Concen: 16.587 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.006 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

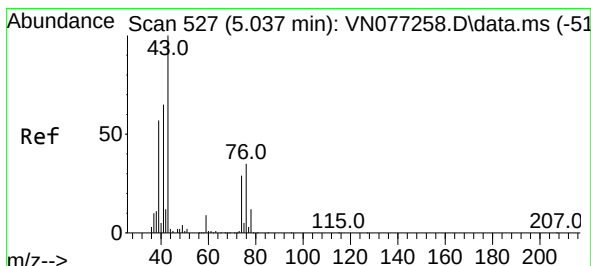
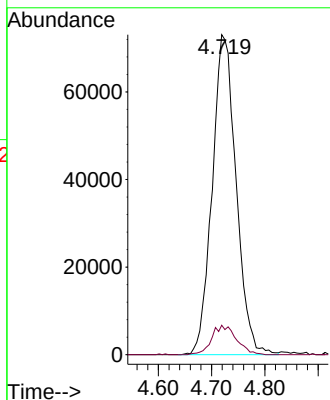
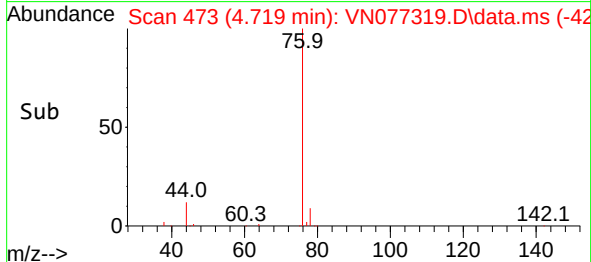
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



Tgt Ion: 76 Resp: 22793
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

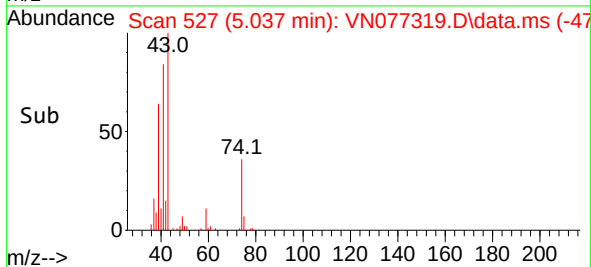
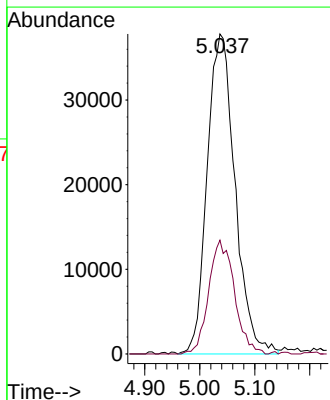
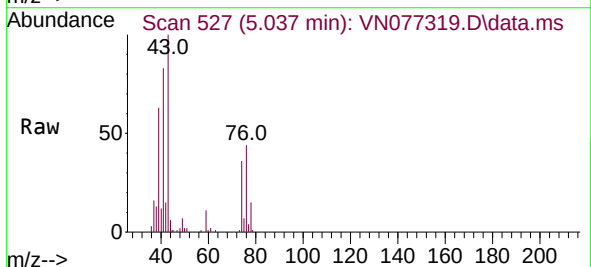
Manual Integrations
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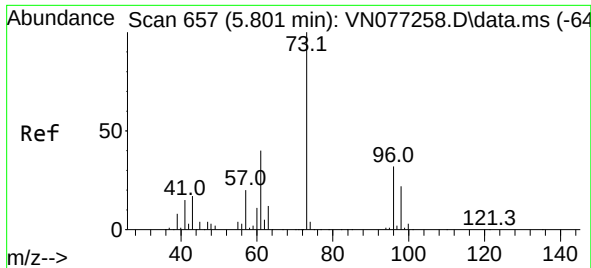
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#18
Methyl Acetate
Concen: 15.951 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

Tgt Ion: 43 Resp: 133179
Ion Ratio Lower Upper
43 100
74 32.8 23.4 35.2





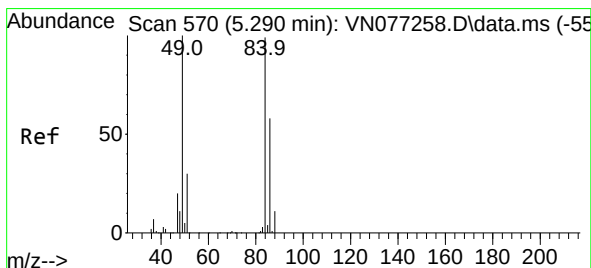
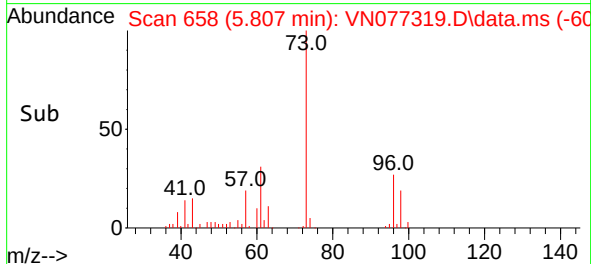
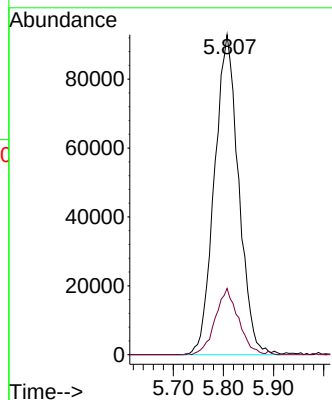
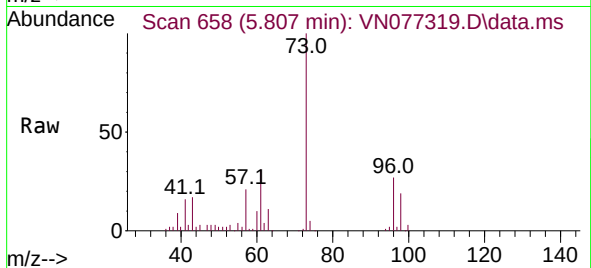
#19
Methyl tert-butyl Ether
Concen: 17.247 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

Tgt Ion: 73 Resp: 31186
Ion Ratio Lower Upper
73 100
57 20.7 16.2 24.4

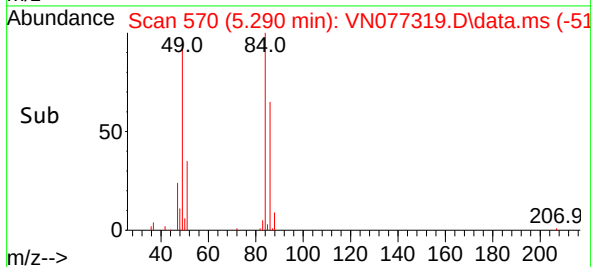
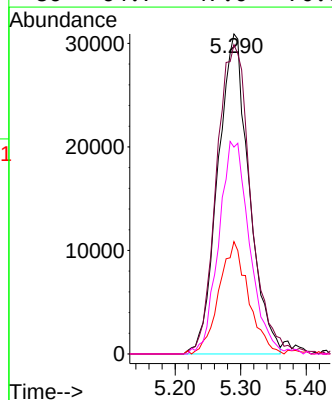
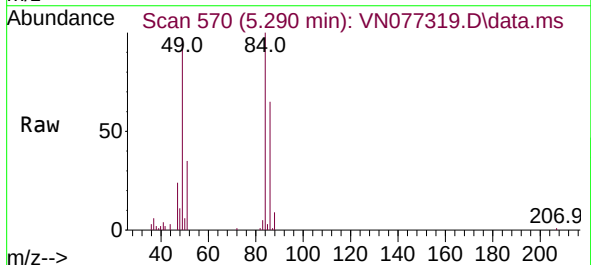
Manual Integrations
APPROVED

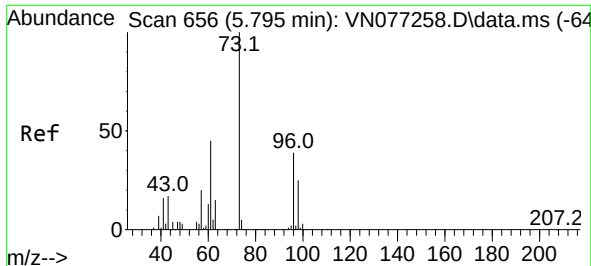
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#20
Methylene Chloride
Concen: 16.548 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

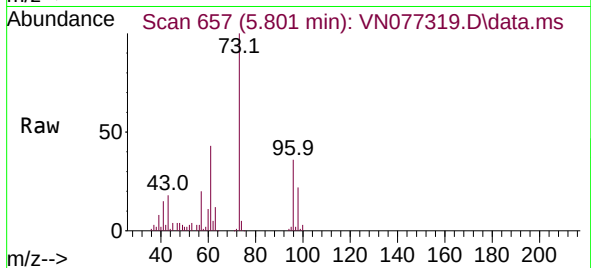
Tgt Ion: 84 Resp: 102453
Ion Ratio Lower Upper
84 100
49 96.6 80.6 121.0
51 35.1 24.4 36.6
86 64.7 47.0 70.6





#21
trans-1,2-Dichloroethene
Concen: 17.279 ug/l
RT: 5.801 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

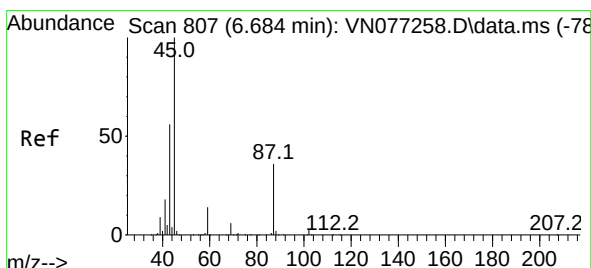
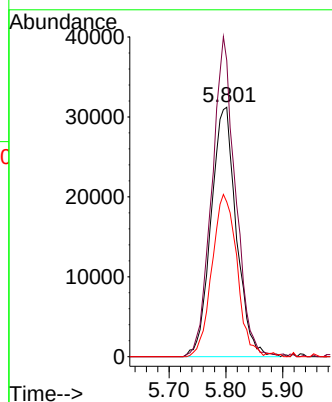
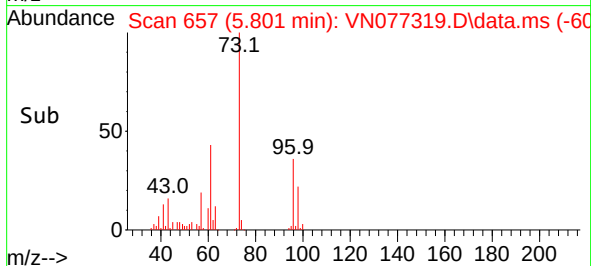
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



Tgt Ion: 96 Resp: 96411
Ion Ratio Lower Upper
96 100
61 118.7 93.8 140.6
98 62.1 50.9 76.3

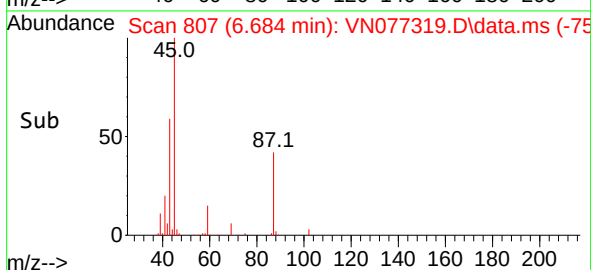
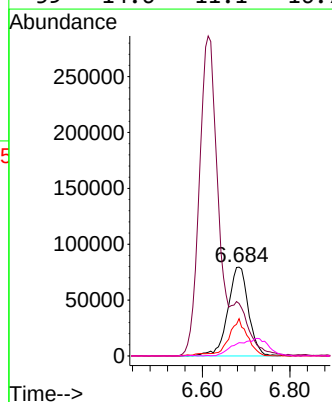
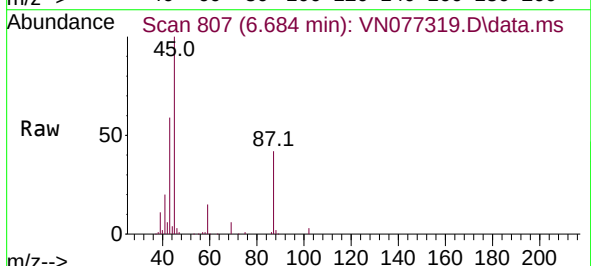
Manual Integrations
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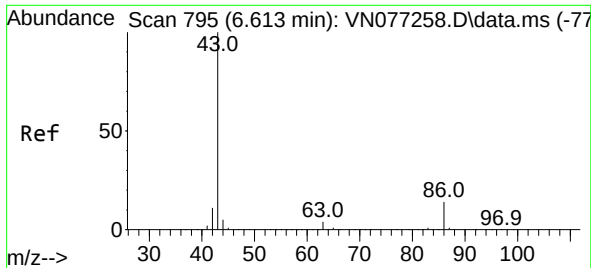
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#22
Diisopropyl ether
Concen: 16.883 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

Tgt Ion: 45 Resp: 260515
Ion Ratio Lower Upper
45 100
43 58.5 44.6 66.8
87 41.9 28.4 42.6
59 14.6 11.1 16.7





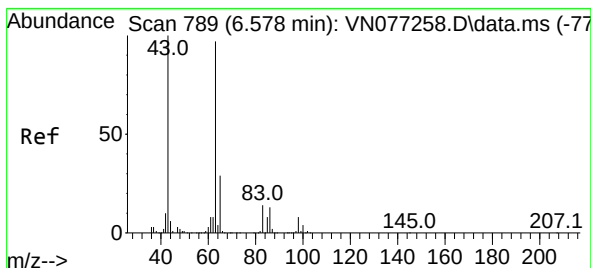
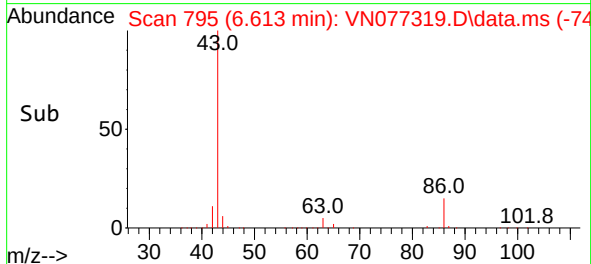
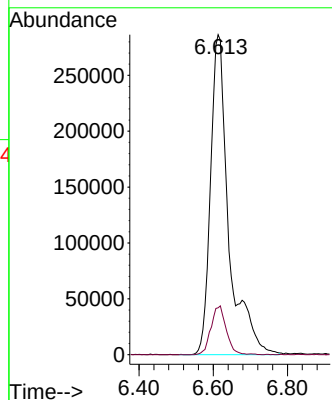
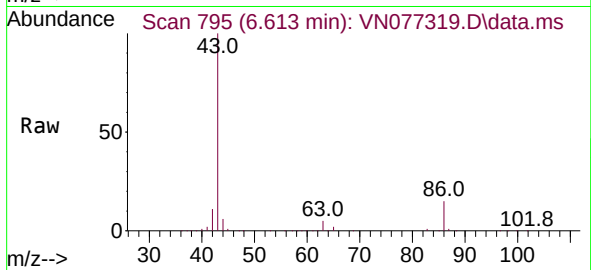
#23
 Vinyl Acetate
 Concen: 93.581 ug/l m
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077319.D
 Acq: 13 Apr 2023 11:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBS01

Tgt Ion: 43 Resp: 97636
 Ion Ratio Lower Upper
 43 100
 86 14.6 11.2 16.8

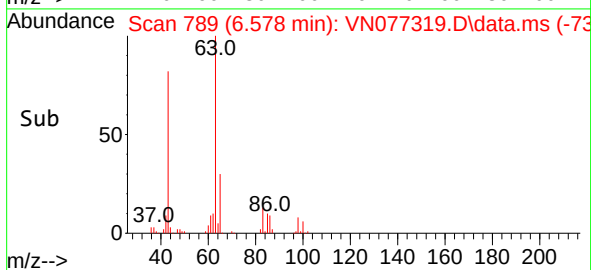
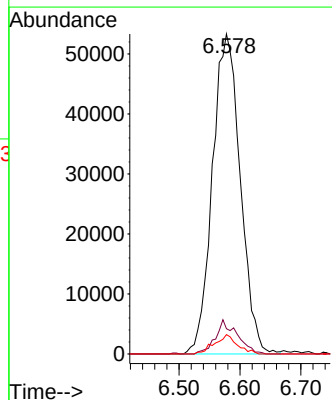
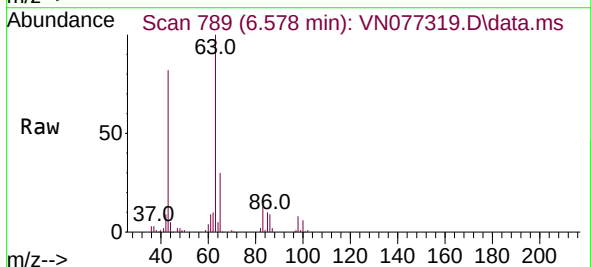
Manual Integrations
 APPROVED

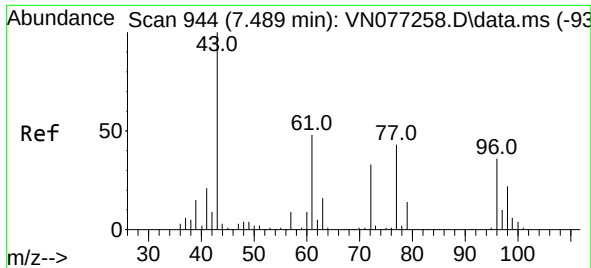
Reviewed By :John Carlone 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#24
 1,1-Dichloroethane
 Concen: 17.010 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077319.D
 Acq: 13 Apr 2023 11:10

Tgt Ion: 63 Resp: 169492
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 12.0
 100 6.1 2.3 6.9





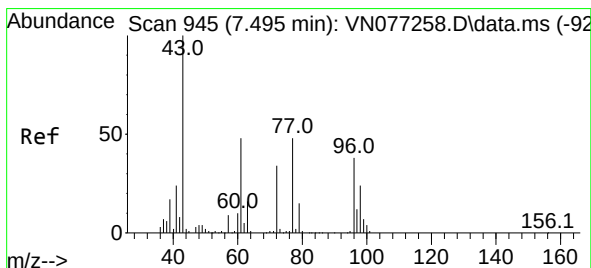
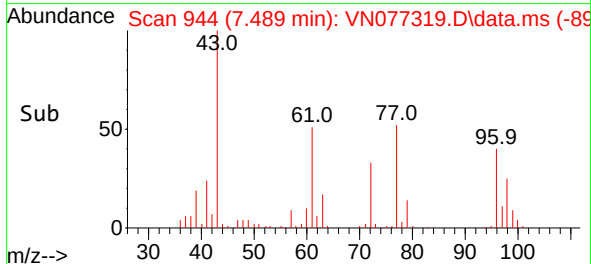
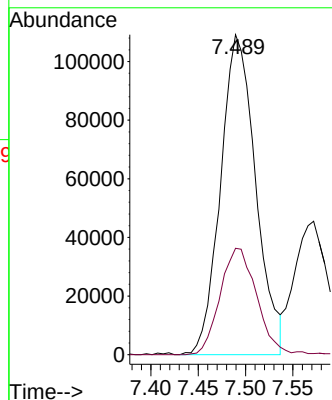
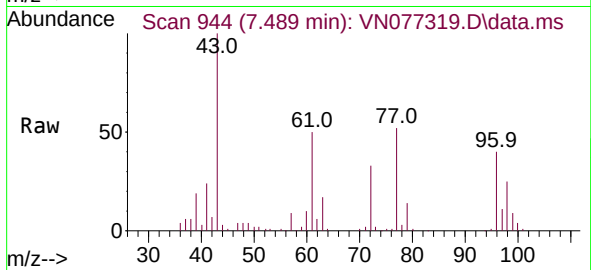
#25
2-Butanone
Concen: 79.361 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

Tgt Ion: 43 Resp: 282354
Ion Ratio Lower Upper
43 100
72 33.2 26.6 39.8

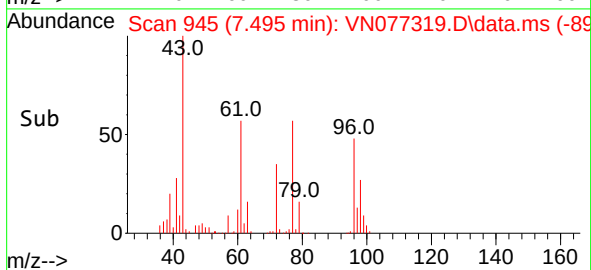
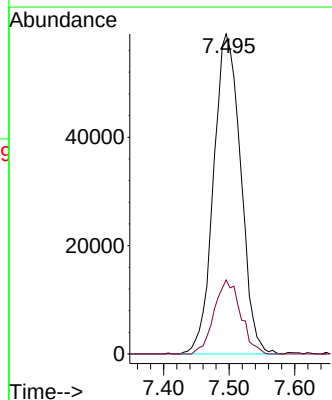
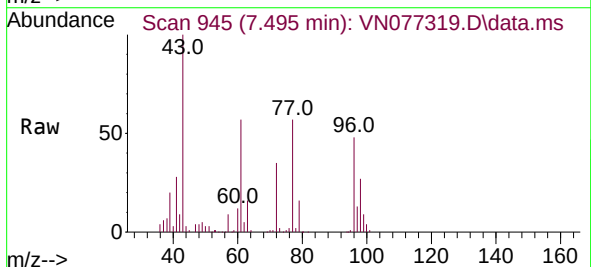
Manual Integrations
APPROVED

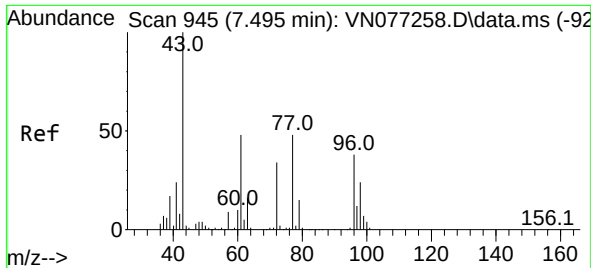
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#26
2,2-Dichloropropane
Concen: 18.564 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

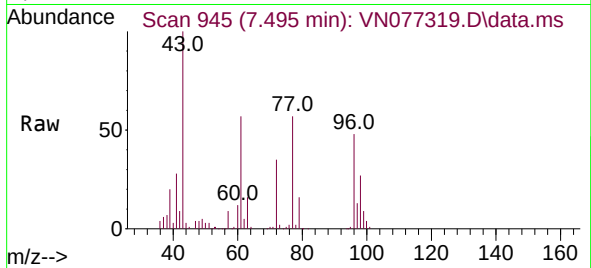
Tgt Ion: 77 Resp: 169621
Ion Ratio Lower Upper
77 100
97 22.6 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 18.180 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077319.D
 Acq: 13 Apr 2023 11:10

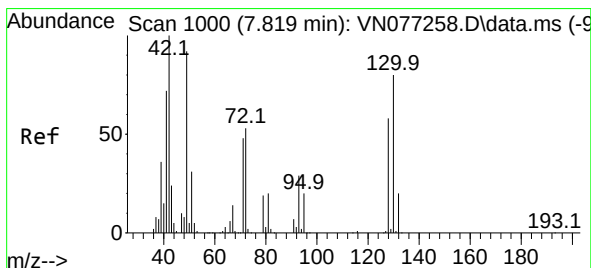
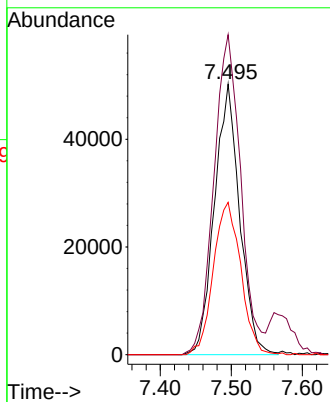
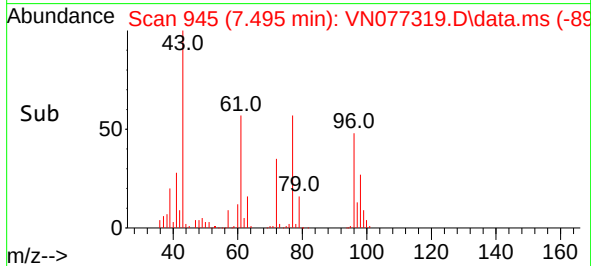
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBS01



Tgt Ion: 96 Resp: 123875
 Ion Ratio Lower Upper
 96 100
 61 126.4 0.0 261.0
 98 61.3 0.0 128.0

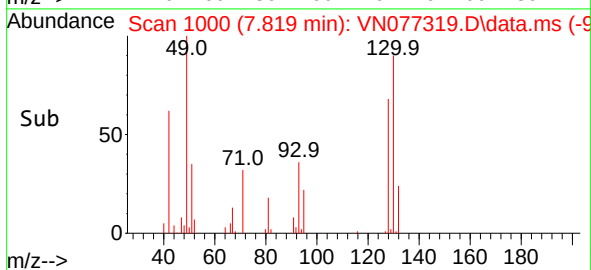
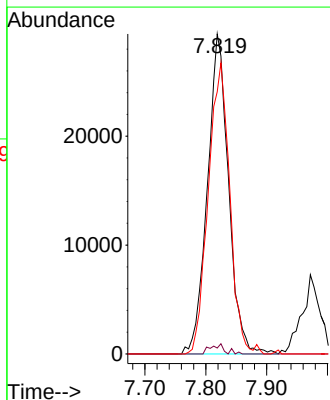
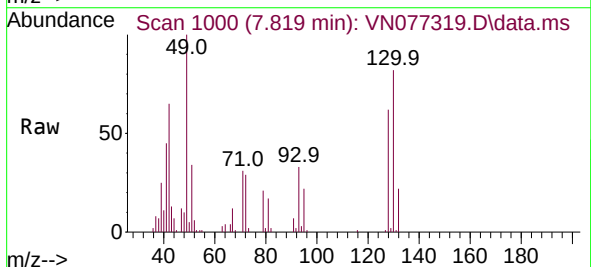
Manual Integrations
 APPROVED

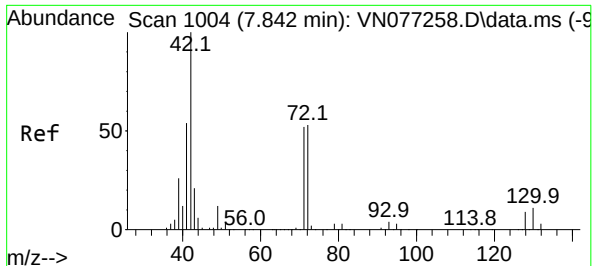
Reviewed By :John Carlone 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#28
 Bromochloromethane
 Concen: 17.702 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077319.D
 Acq: 13 Apr 2023 11:10

Tgt Ion: 49 Resp: 70951
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.4
 130 91.8 68.4 102.6





#29

Tetrahydrofuran

Concen: 78.301 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077319.D

Acq: 13 Apr 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBS01

Tgt Ion: 42 Resp: 179079

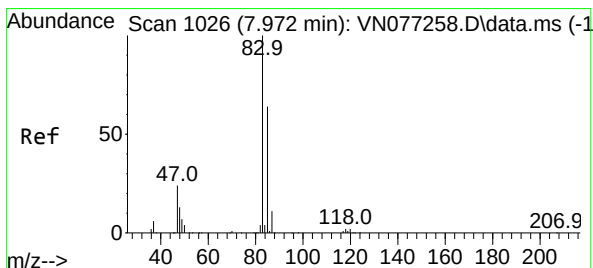
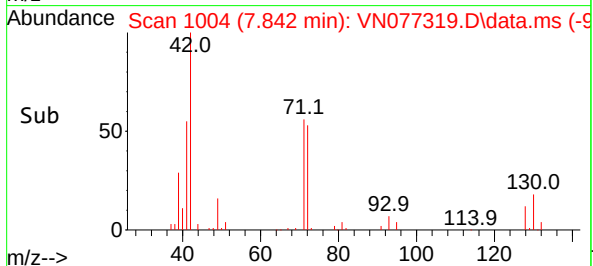
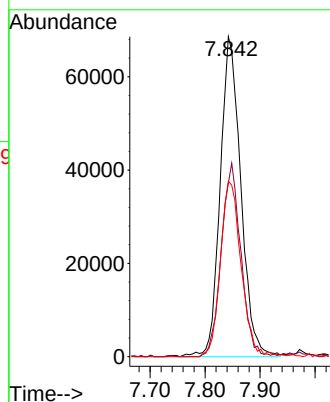
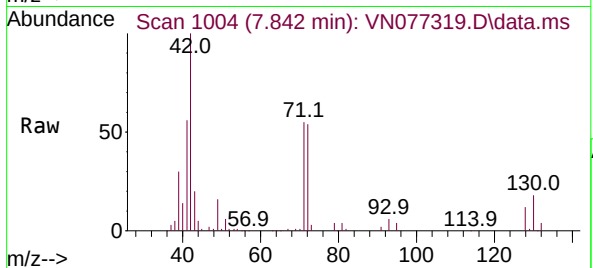
Ion	Ratio	Lower	Upper
42	100		
72	57.0	44.6	66.8
71	55.2	41.3	61.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#30

Chloroform

Concen: 18.065 ug/l

RT: 7.972 min Scan# 1026

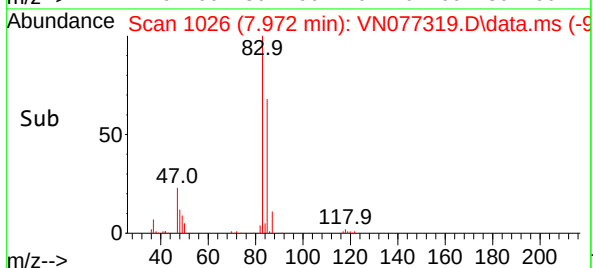
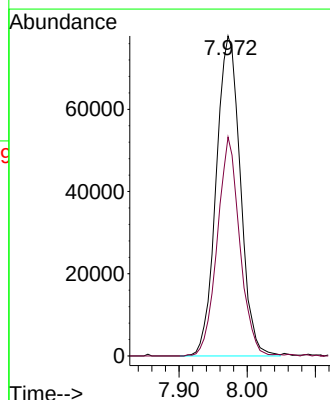
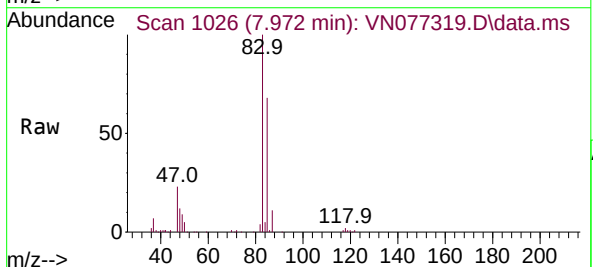
Delta R.T. -0.000 min

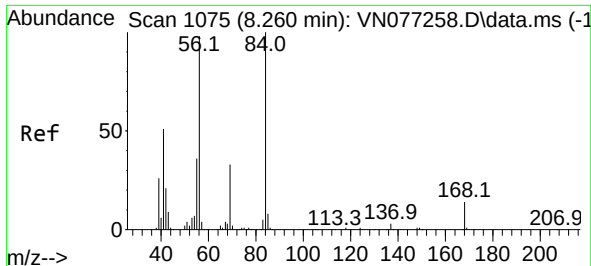
Lab File: VN077319.D

Acq: 13 Apr 2023 11:10

Tgt Ion: 83 Resp: 191953

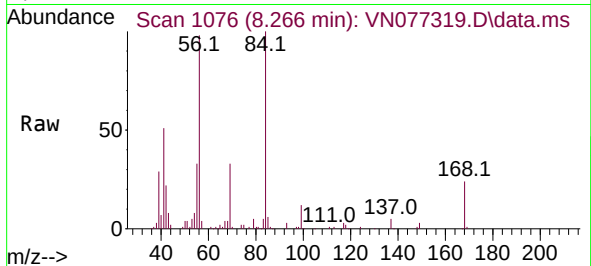
Ion	Ratio	Lower	Upper
83	100		
85	68.4	50.9	76.3





#31
Cyclohexane
Concen: 16.652 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

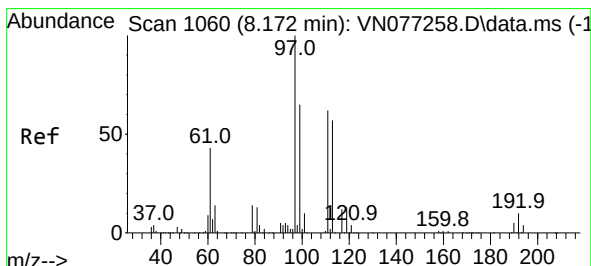
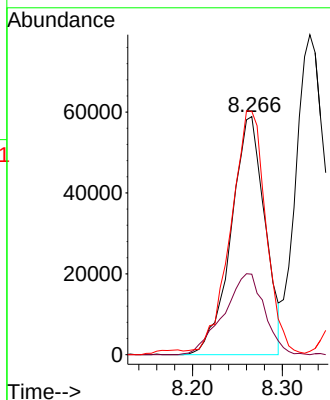
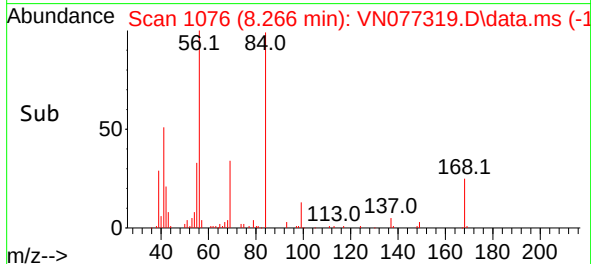
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



Tgt Ion: 56 Resp: 153840
Ion Ratio Lower Upper
56 100
69 33.8 26.6 40.0
84 100.3 81.8 122.8

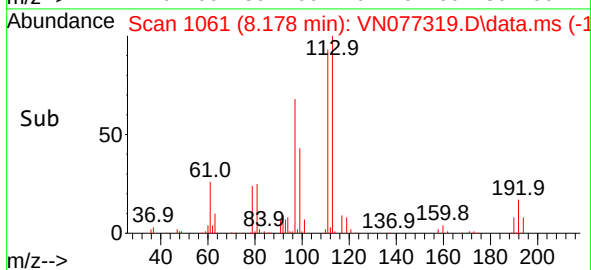
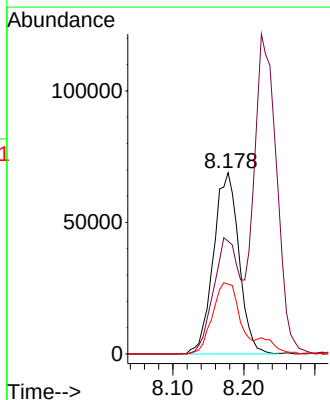
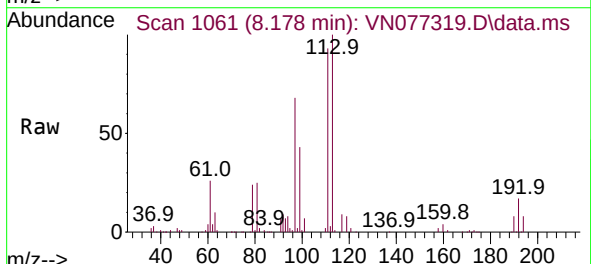
Manual Integrations
APPROVED

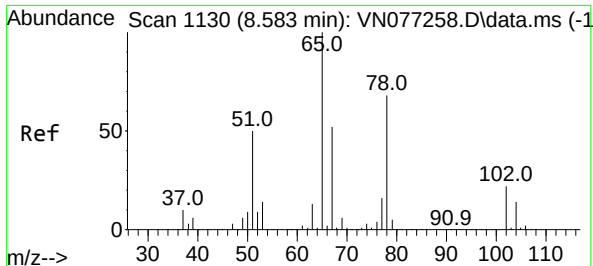
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#32
1,1,1-Trichloroethane
Concen: 17.766 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

Tgt Ion: 97 Resp: 171685
Ion Ratio Lower Upper
97 100
99 67.3 54.2 81.4
61 41.7 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 47.605 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077319.D

Acq: 13 Apr 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBS01

Tgt Ion: 65 Resp: 283040

Ion Ratio Lower Upper

65 100

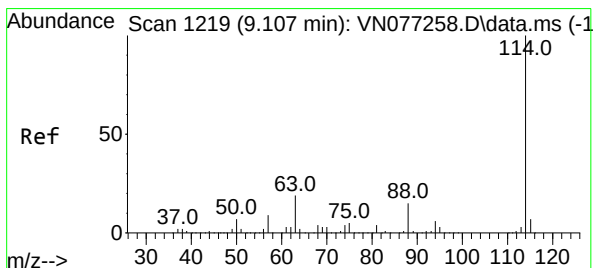
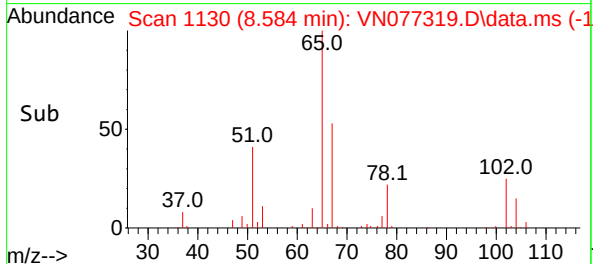
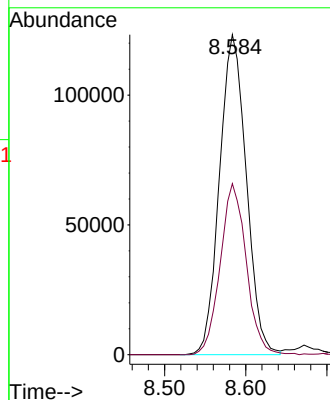
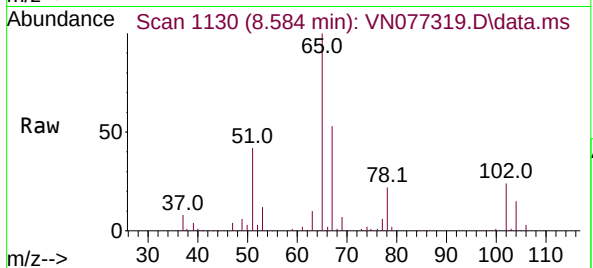
67 52.0 0.0 108.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077319.D

Acq: 13 Apr 2023 11:10

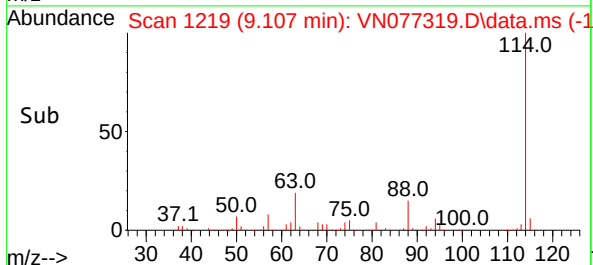
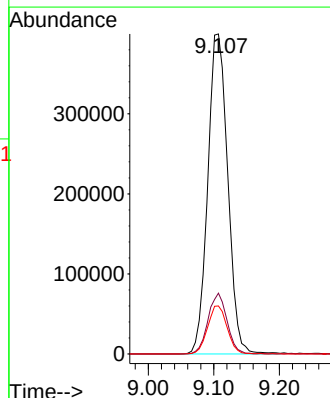
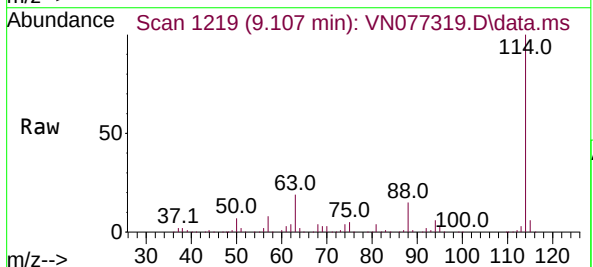
Tgt Ion:114 Resp: 847450

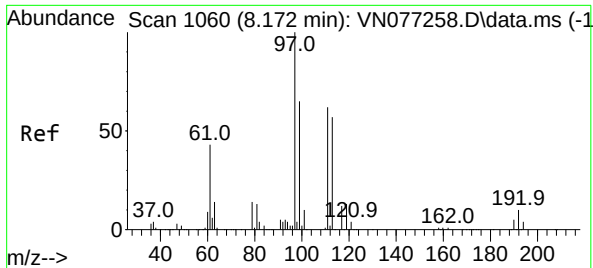
Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.8

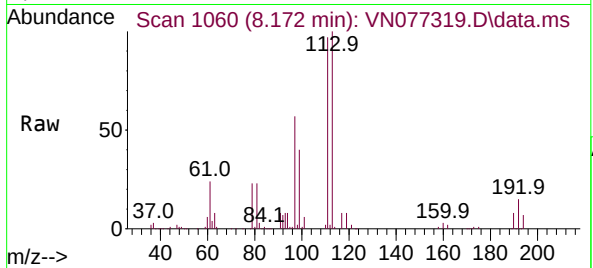
88 15.0 0.0 29.4





#35
Dibromofluoromethane
Concen: 46.733 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

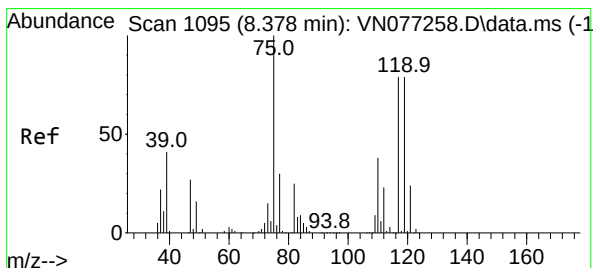
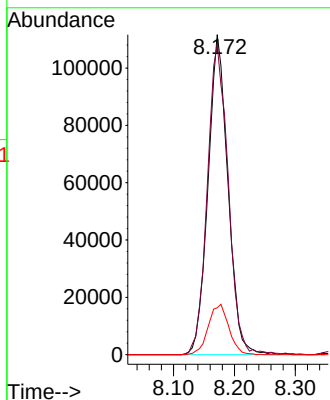
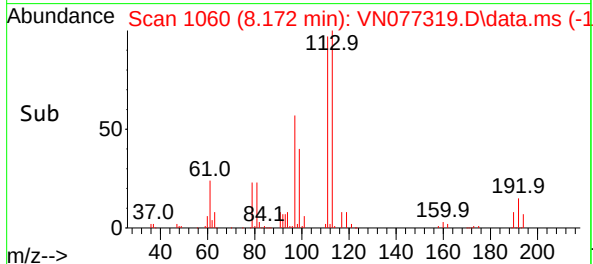
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



Tgt Ion: 113 Resp: 253530
Ion Ratio Lower Upper
113 100
111 101.8 83.4 125.0
192 16.3 13.5 20.3

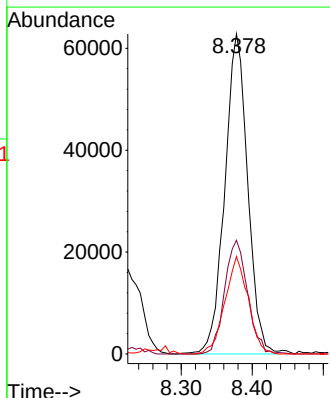
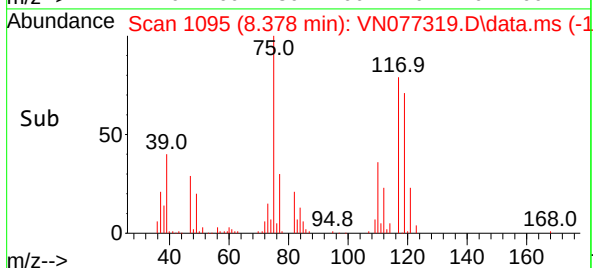
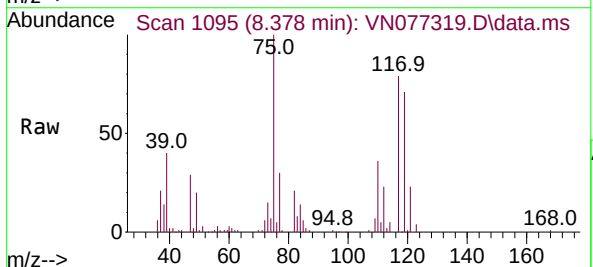
Manual Integrations
APPROVED

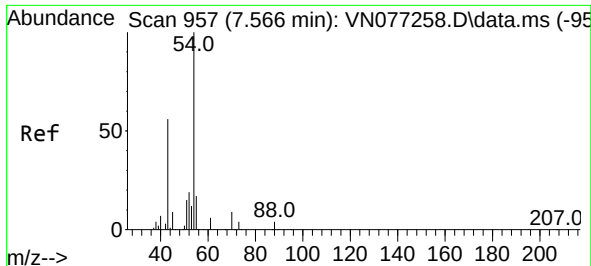
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#36
1,1-Dichloropropene
Concen: 17.506 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

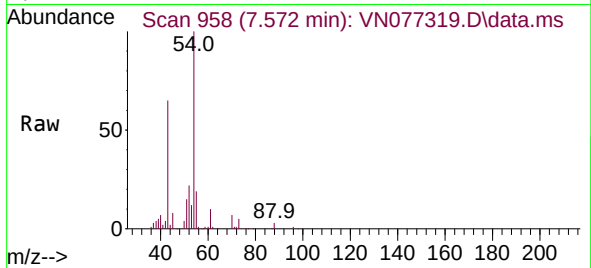
Tgt Ion: 75 Resp: 140463
Ion Ratio Lower Upper
75 100
110 35.6 17.8 53.5
77 31.0 25.0 37.4





#37
Ethyl Acetate
Concen: 16.188 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

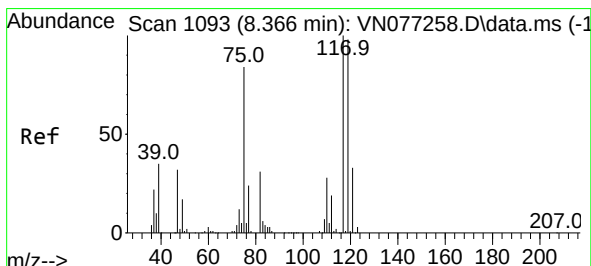
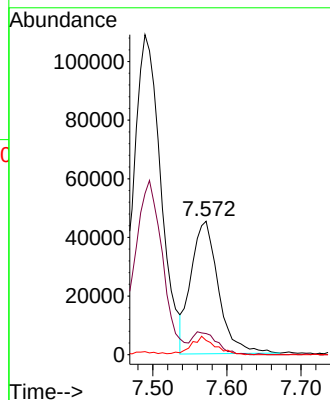
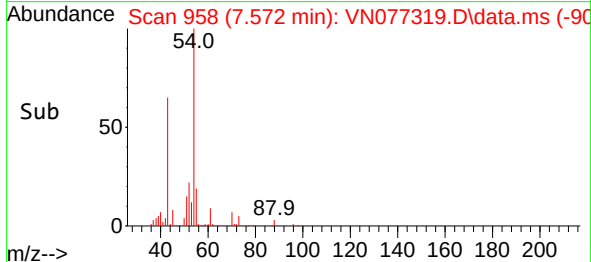
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



Tgt Ion: 43 Resp: 116214
Ion Ratio Lower Upper
43 100
61 15.0 12.2 18.2
70 11.9 10.0 15.0

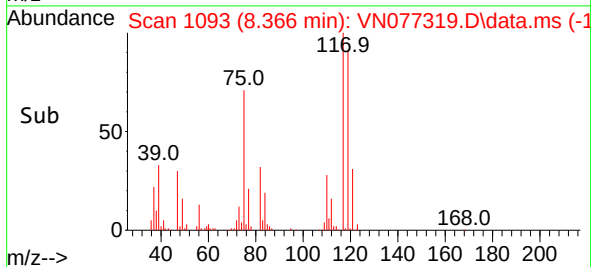
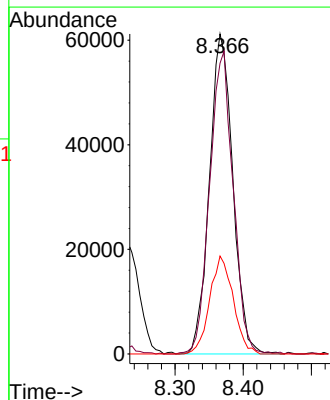
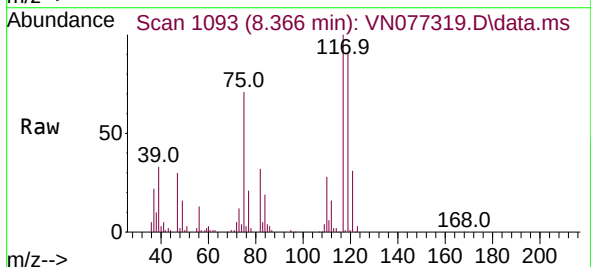
Manual Integrations
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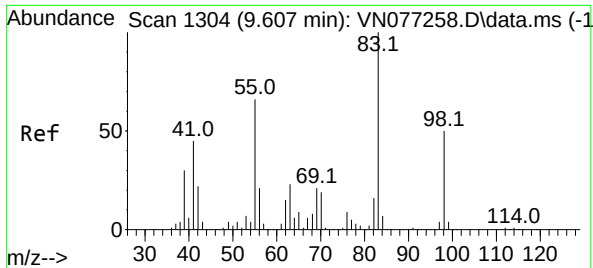
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#38
Carbon Tetrachloride
Concen: 17.788 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

Tgt Ion:117 Resp: 146224
Ion Ratio Lower Upper
117 100
119 90.4 78.5 117.7
121 30.6 26.6 40.0





#39

Methylcyclohexane

Concen: 17.137 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.006 min

Lab File: VN077319.D

Acq: 13 Apr 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBS01

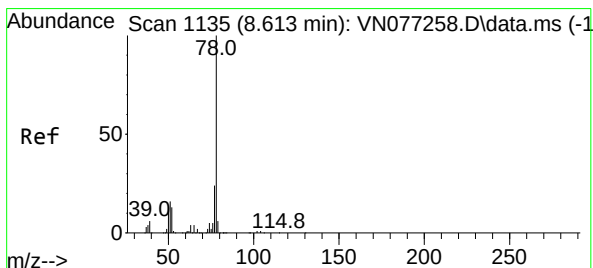
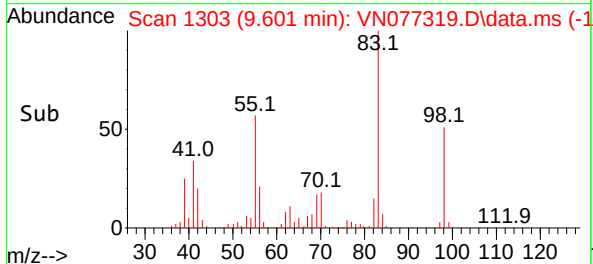
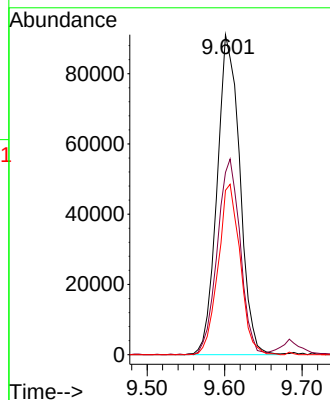
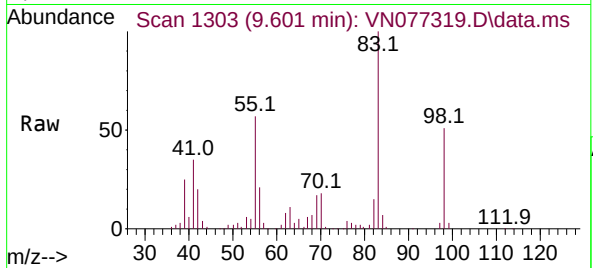
Tgt Ion: 83	Resp: 185409
Ion Ratio	Lower Upper
83	100
55	56.8 52.4 78.6
98	51.4 39.8 59.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#40

Benzene

Concen: 17.113 ug/l

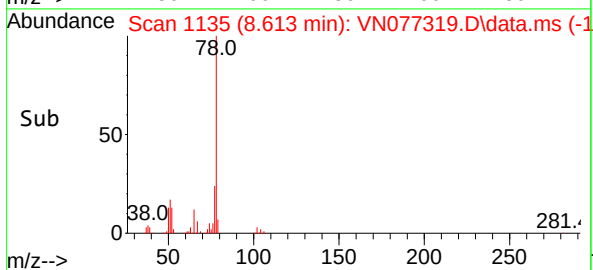
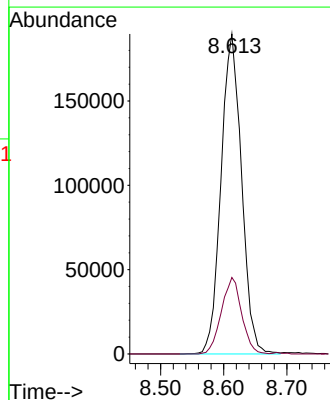
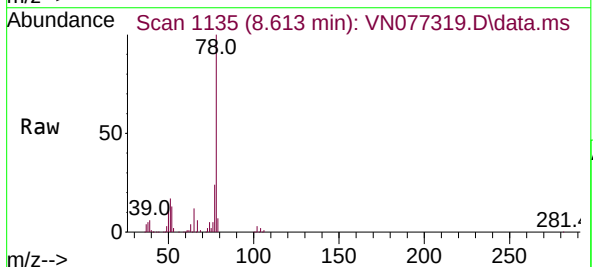
RT: 8.613 min Scan# 1135

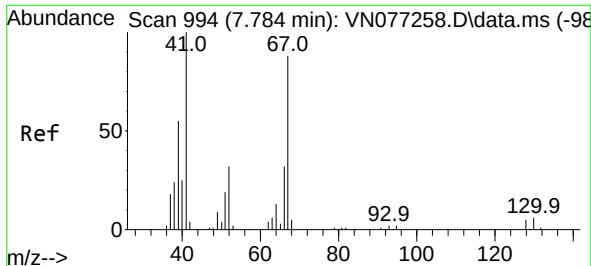
Delta R.T. -0.000 min

Lab File: VN077319.D

Acq: 13 Apr 2023 11:10

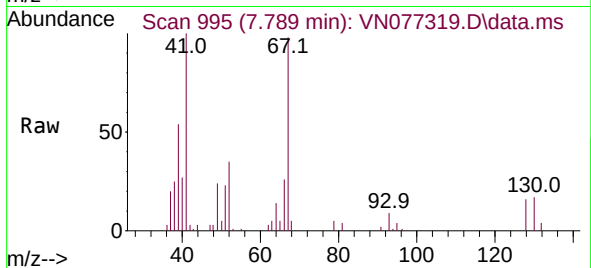
Tgt Ion: 78	Resp: 428284
Ion Ratio	Lower Upper
78	100
77	23.9 19.5 29.3





#41
Methacrylonitrile
Concen: 15.468 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.005 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

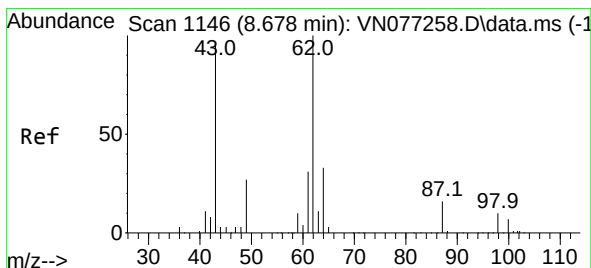
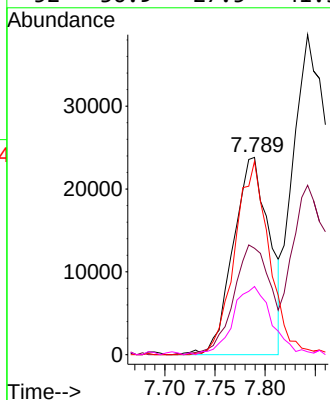
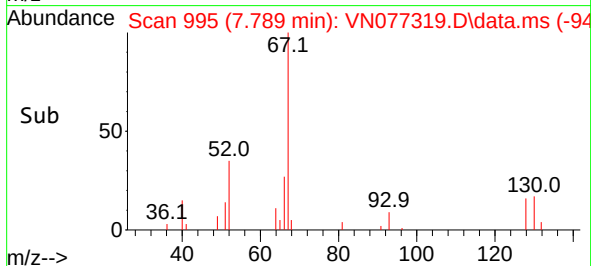
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



Tgt Ion: 41 Resp: 59690
Ion Ratio Lower Upper
41 100
39 56.7 44.1 66.1
67 95.4 71.4 107.2
52 36.9 27.5 41.3

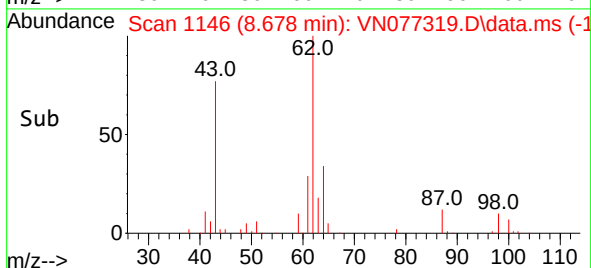
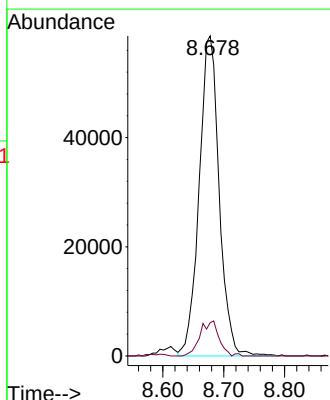
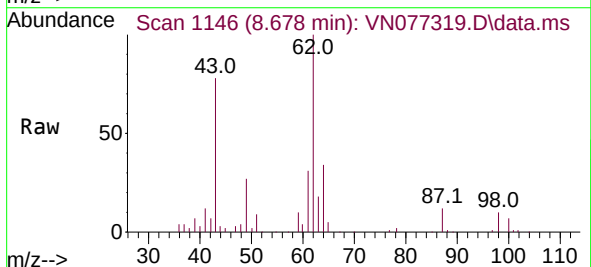
Manual Integrations
APPROVED

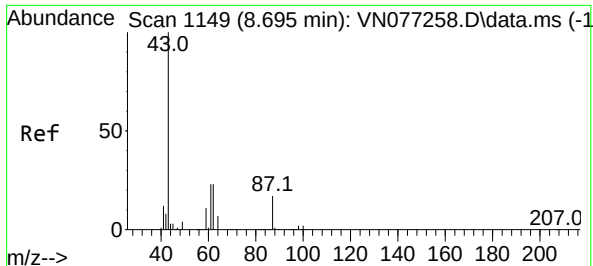
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#42
1,2-Dichloroethane
Concen: 17.399 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

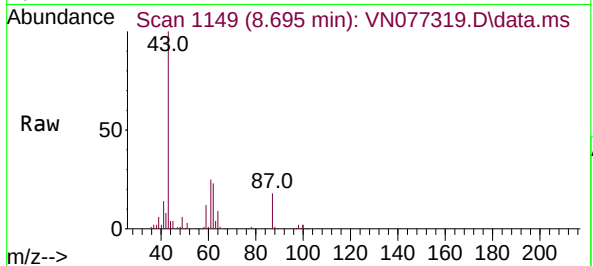
Tgt Ion: 62 Resp: 134017
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.2





#43
Isopropyl Acetate
Concen: 15.242 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

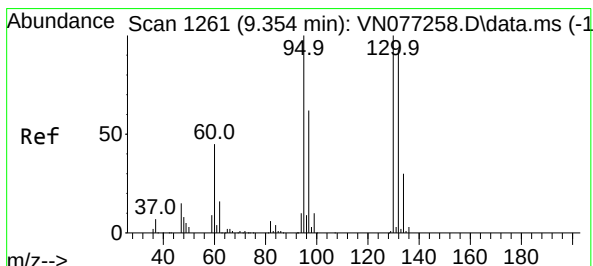
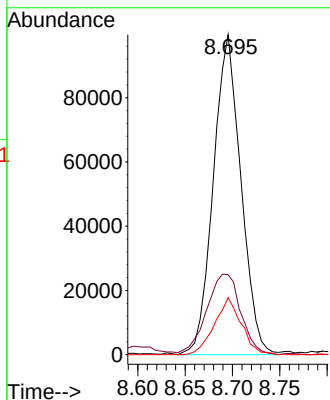
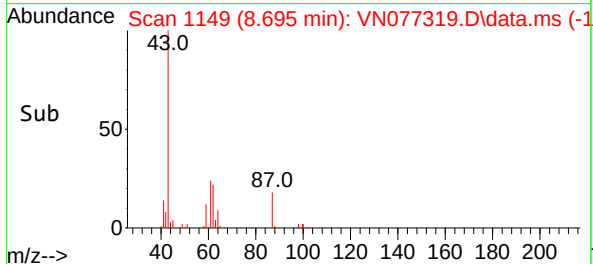
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



Tgt Ion: 43 Resp: 20190
Ion Ratio Lower Upper
43 100
61 31.0 22.7 34.1
87 17.4 13.6 20.4

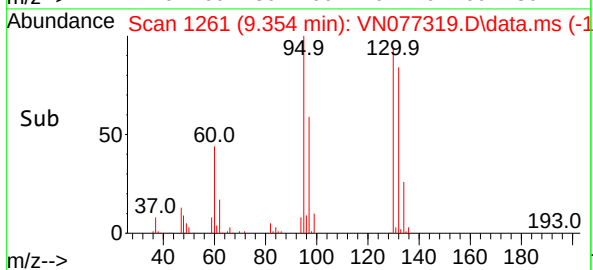
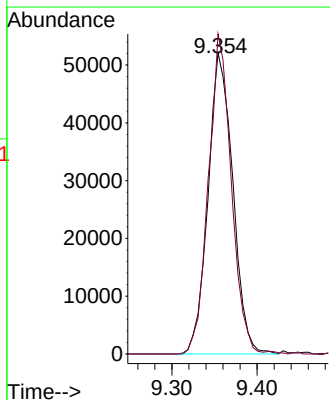
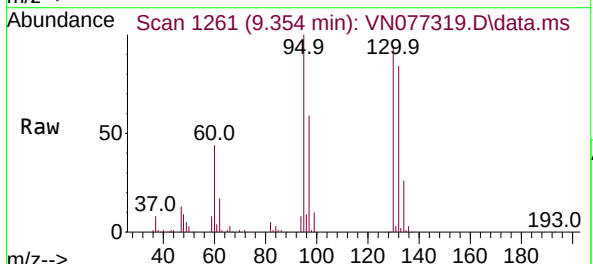
Manual Integrations
APPROVED

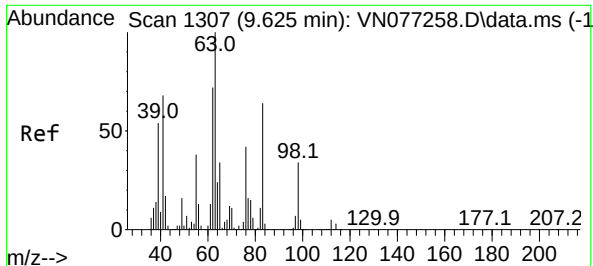
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#44
Trichloroethene
Concen: 17.570 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

Tgt Ion:130 Resp: 105212
Ion Ratio Lower Upper
130 100
95 106.3 0.0 200.2





#45

1,2-Dichloropropane

Concen: 17.618 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077319.D

Acq: 13 Apr 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBS01

Tgt Ion: 63 Resp: 104720

Ion Ratio Lower Upper

63 100

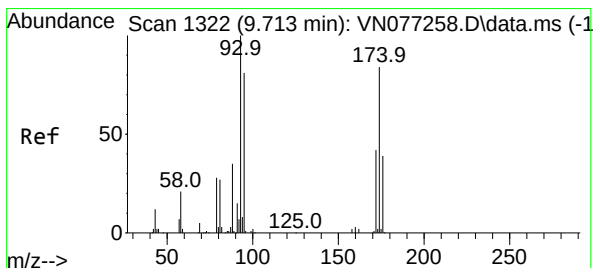
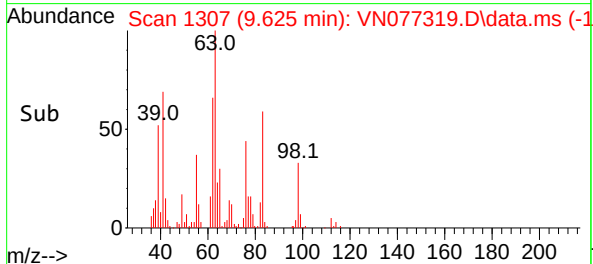
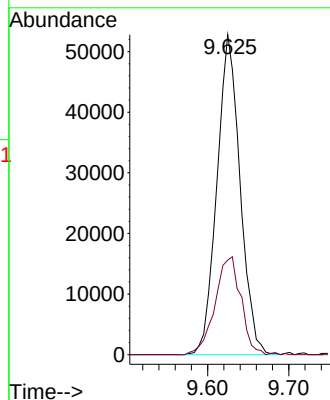
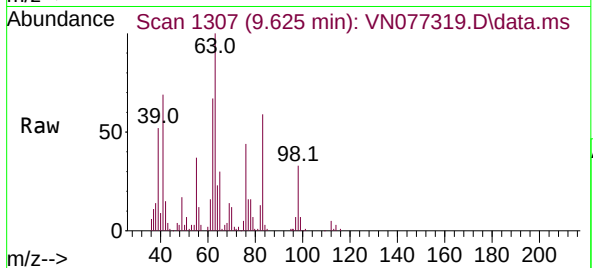
65 29.5 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#46

Dibromomethane

Concen: 17.478 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077319.D

Acq: 13 Apr 2023 11:10

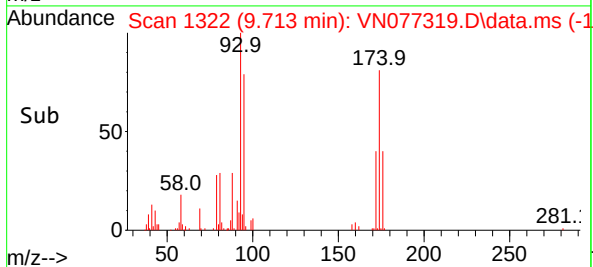
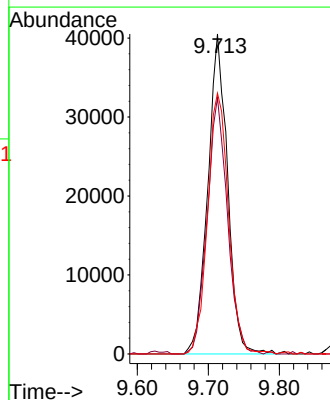
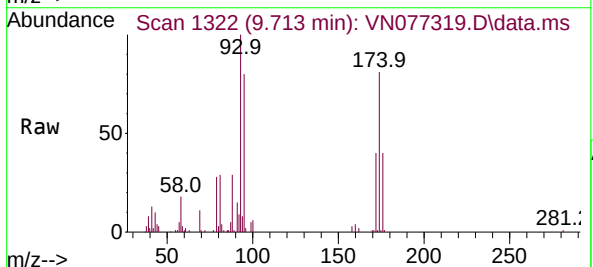
Tgt Ion: 93 Resp: 78273

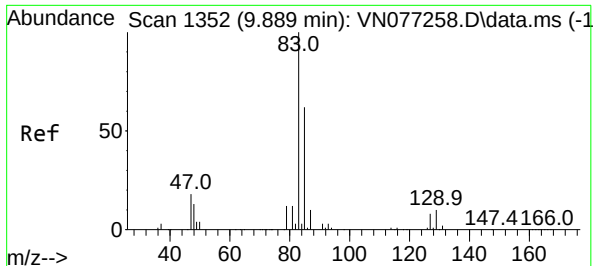
Ion Ratio Lower Upper

93 100

95 82.5 65.8 98.6

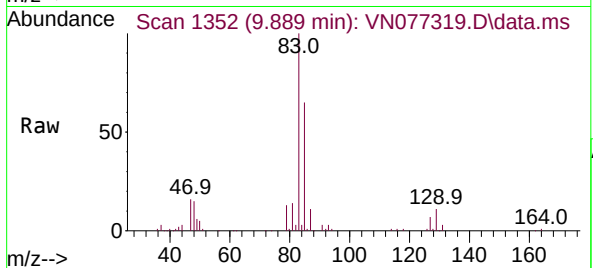
174 86.5 66.0 99.0





#47
Bromodichloromethane
Concen: 17.222 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

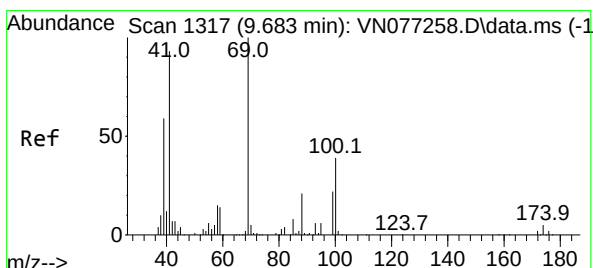
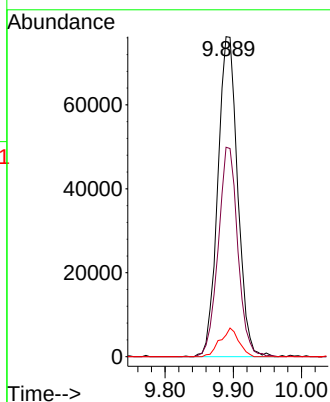
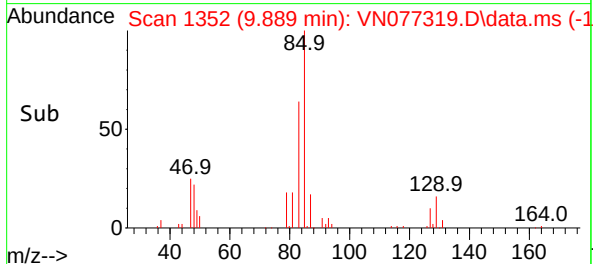
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



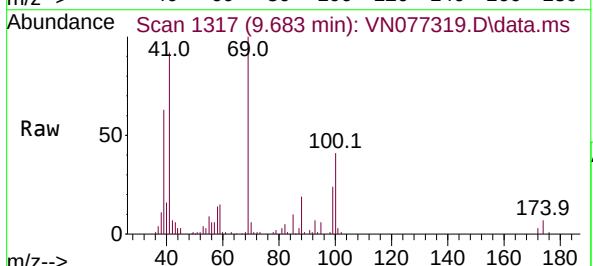
Tgt Ion: 83 Resp: 15415
Ion Ratio Lower Upper
83 100
85 65.5 49.8 74.8
127 6.7 6.2 9.2

Manual Integrations
APPROVED

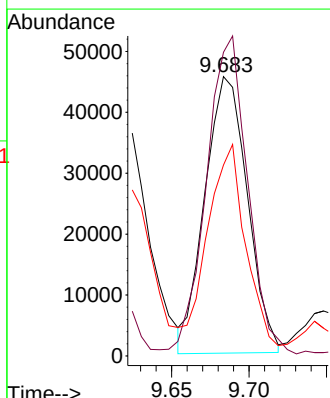
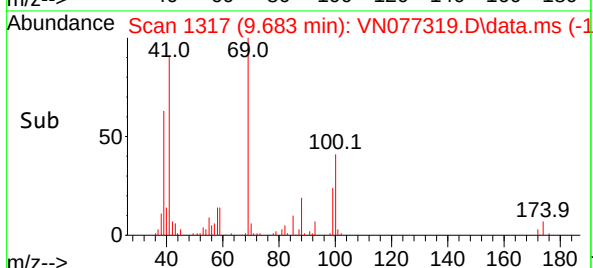
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

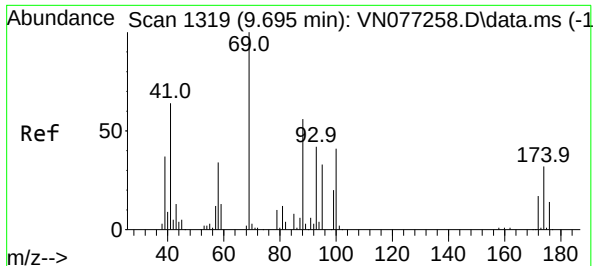


#48
Methyl methacrylate
Concen: 15.351 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10



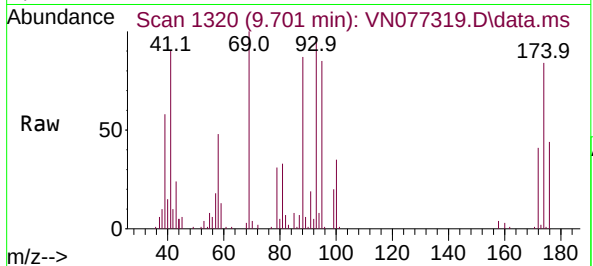
Tgt Ion: 41 Resp: 86746
Ion Ratio Lower Upper
41 100
69 114.7 85.0 127.6
39 69.9 53.5 80.3





#49
1,4-Dioxane
Concen: 311.652 ug/l
RT: 9.701 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

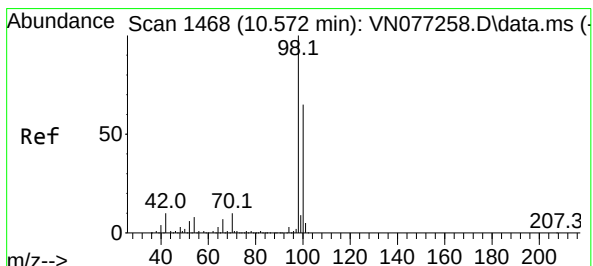
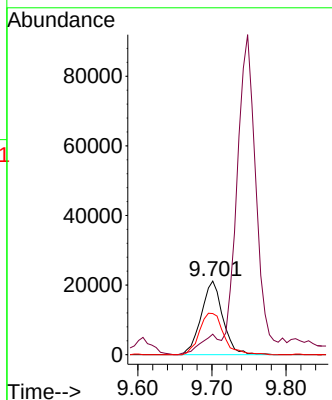
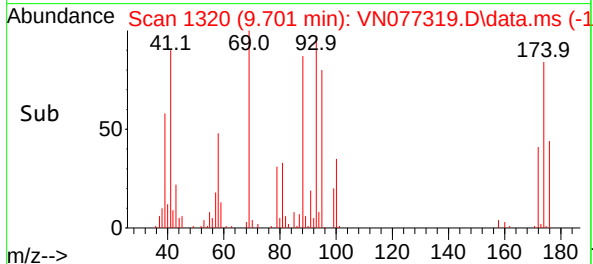
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



Tgt Ion: 88 Resp: 42698
Ion Ratio Lower Upper
88 100
43 25.3 17.0 25.6
58 63.3 49.8 74.6

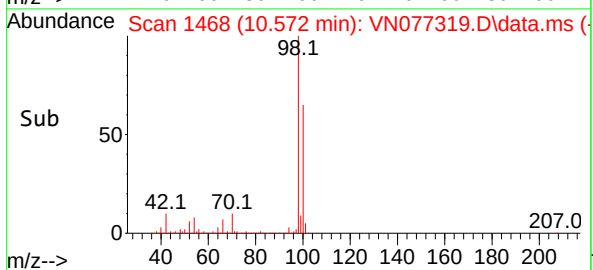
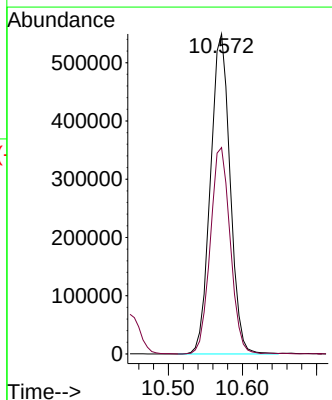
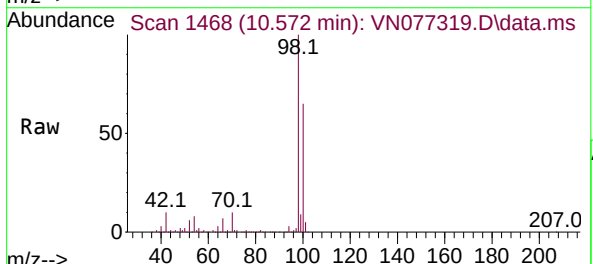
Manual Integrations
APPROVED

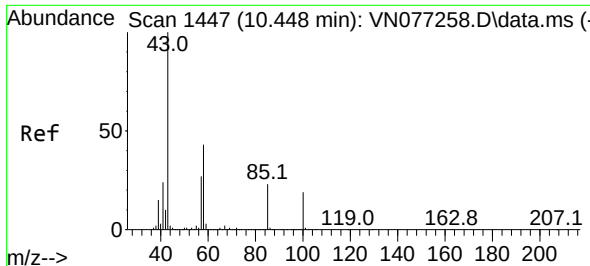
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#50
Toluene-d8
Concen: 46.226 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

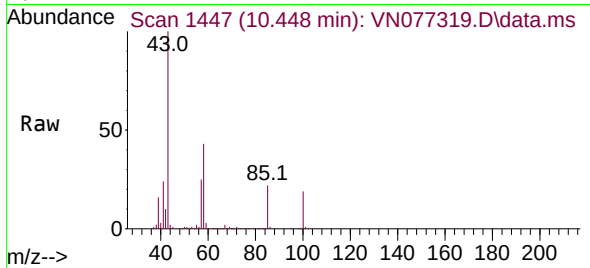
Tgt Ion: 98 Resp: 1009561
Ion Ratio Lower Upper
98 100
100 65.6 51.3 76.9





#51
4-Methyl-2-Pentanone
Concen: 81.028 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

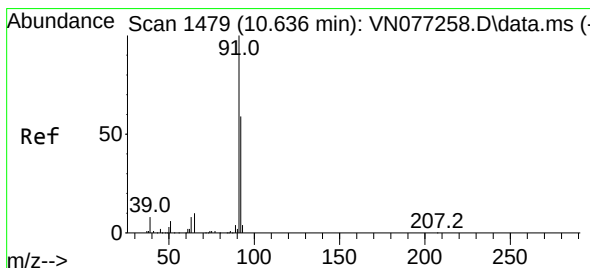
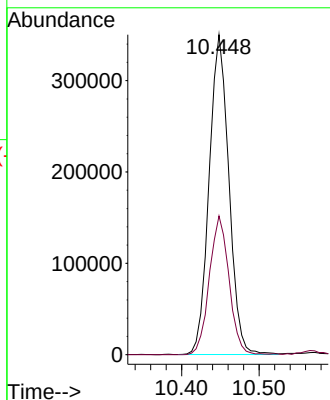
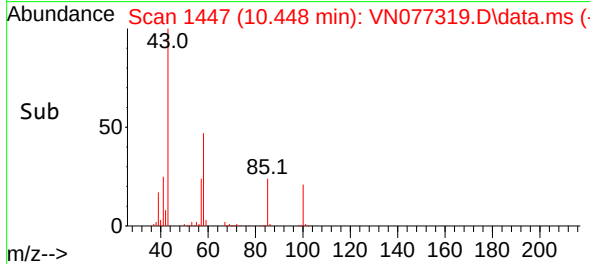
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



Tgt Ion: 43 Resp: 620428
Ion Ratio Lower Upper
43 100
58 43.2 34.6 52.0

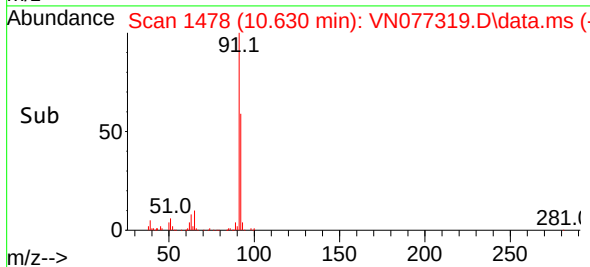
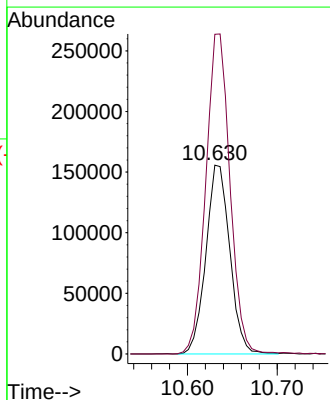
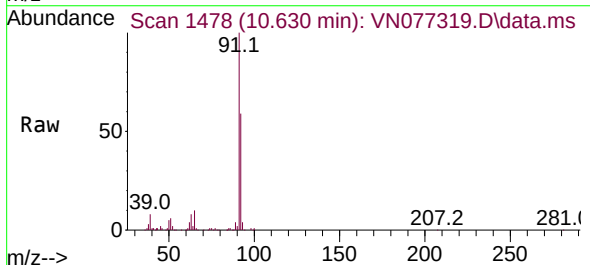
Manual Integrations
APPROVED

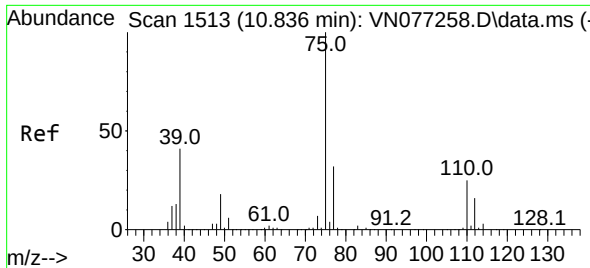
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#52
Toluene
Concen: 17.593 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

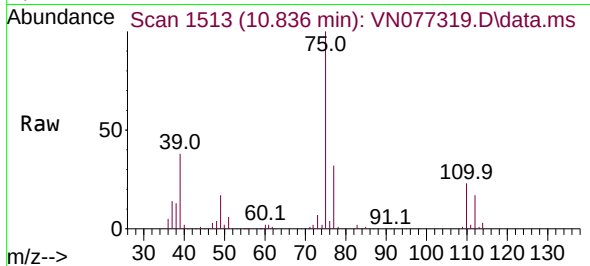
Tgt Ion: 92 Resp: 288197
Ion Ratio Lower Upper
92 100
91 171.9 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 17.323 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

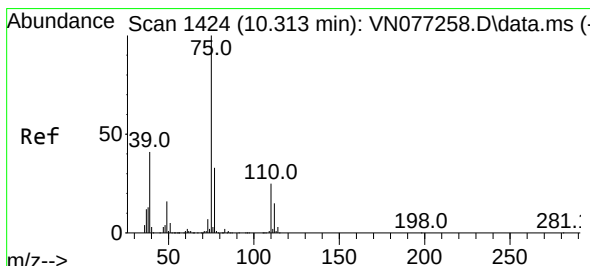
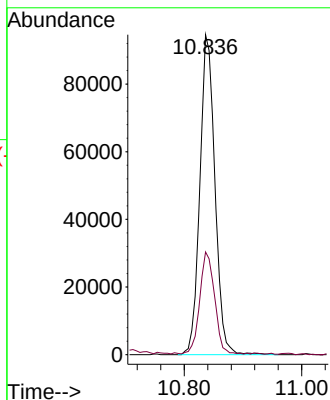
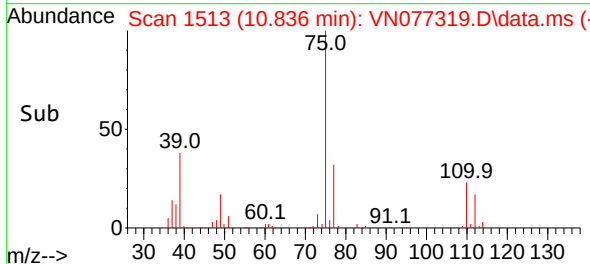
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



Tgt Ion: 75 Resp: 168374
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0

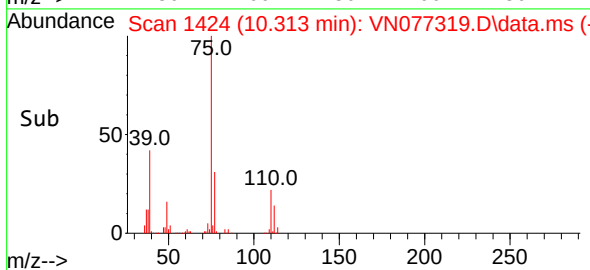
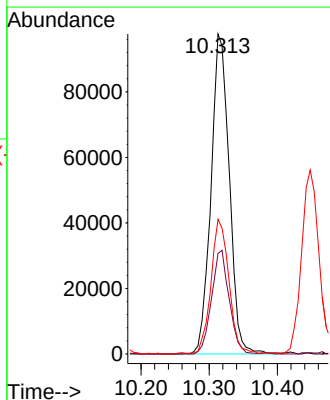
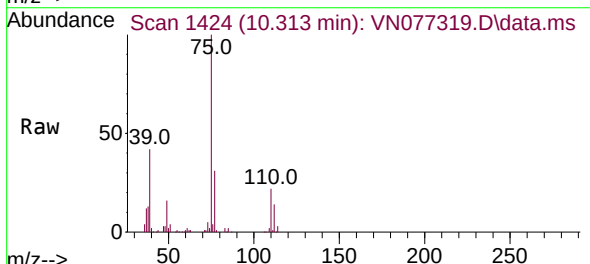
Manual Integrations
APPROVED

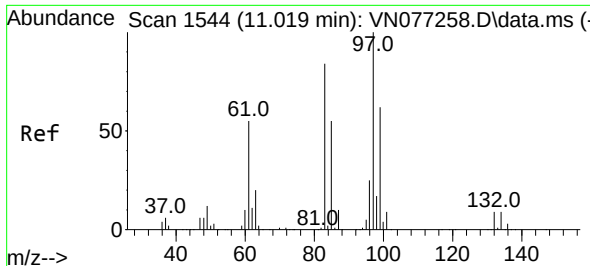
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#54
cis-1,3-Dichloropropene
Concen: 17.614 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

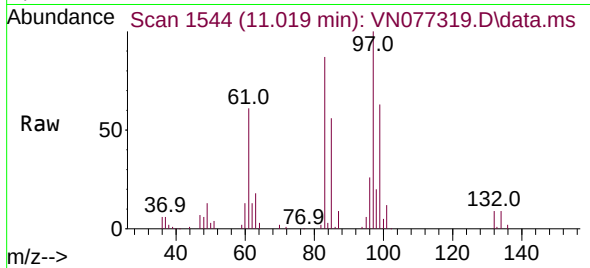
Tgt Ion: 75 Resp: 182363
Ion Ratio Lower Upper
75 100
77 31.5 26.7 40.1
39 41.8 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 17.626 ug/l
RT: 11.019 min Scan# 11334
Delta R.T. -0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

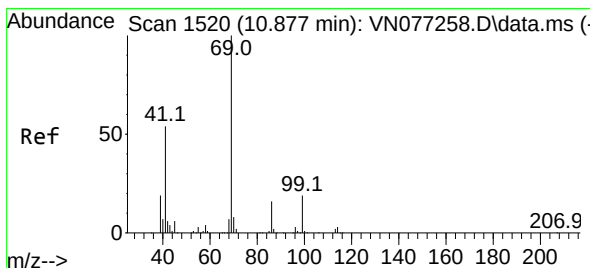
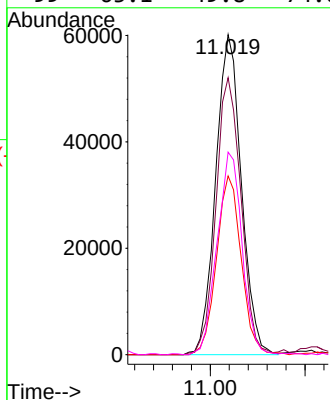
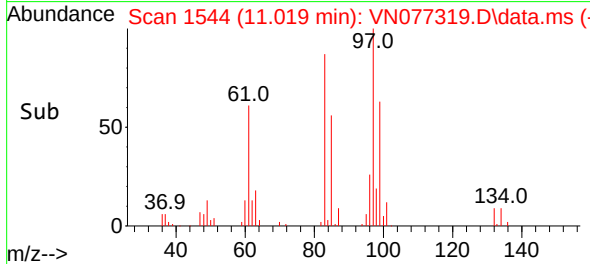
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



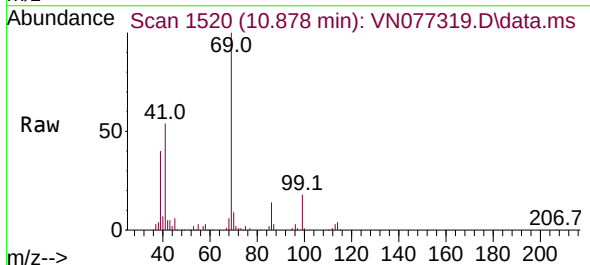
Tgt Ion:	97	Resp:	11334
Ion Ratio	100	Lower	Upper
83	86.5	67.4	101.2
85	55.9	44.1	66.1
99	63.1	49.8	74.6

Manual Integrations
APPROVED

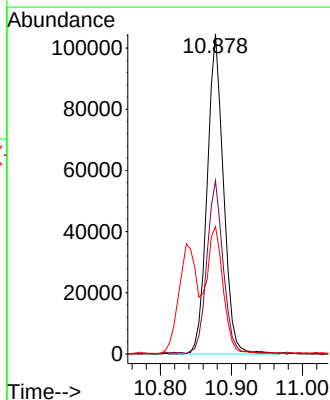
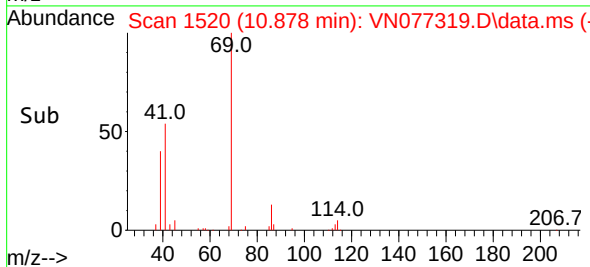
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

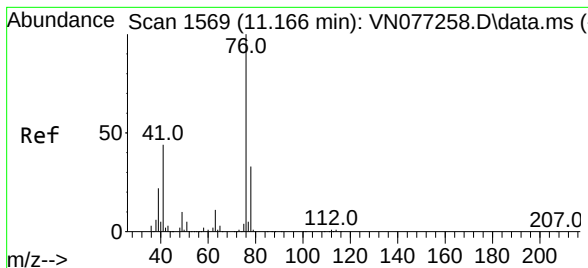


#56
Ethyl methacrylate
Concen: 16.633 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10



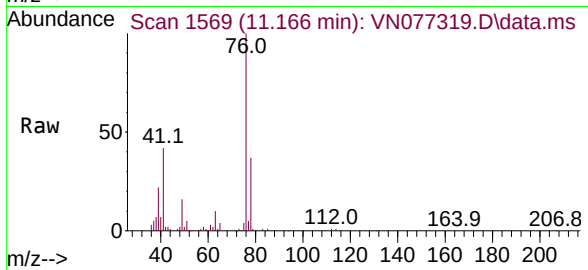
Tgt Ion:	69	Resp:	166590
Ion Ratio	100	Lower	Upper
41	53.9	42.8	64.2
39	36.5	27.0	40.4





#57
1,3-Dichloropropane
Concen: 17.735 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

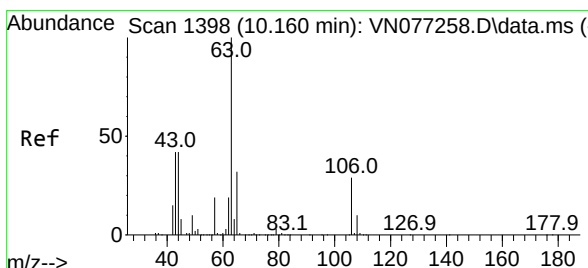
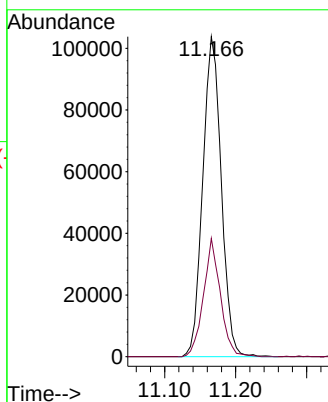
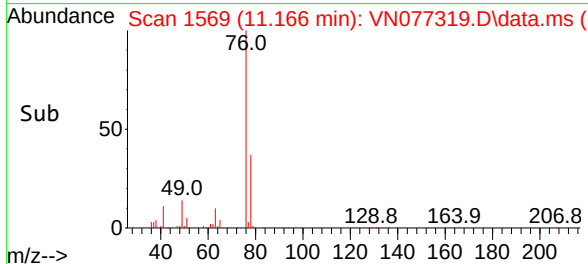
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



Tgt Ion: 76 Resp: 188410
Ion Ratio Lower Upper
76 100
78 33.8 26.2 39.4

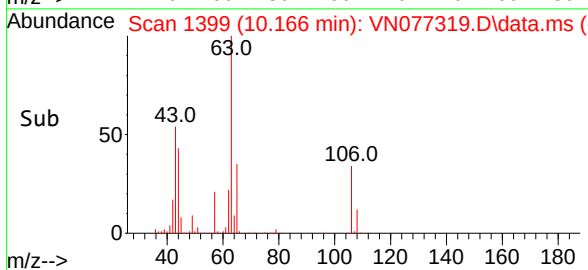
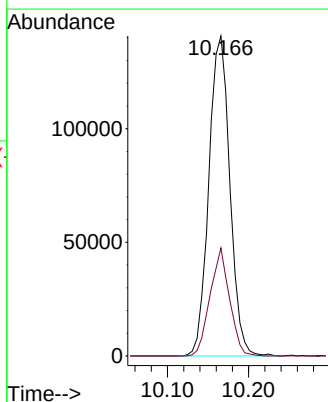
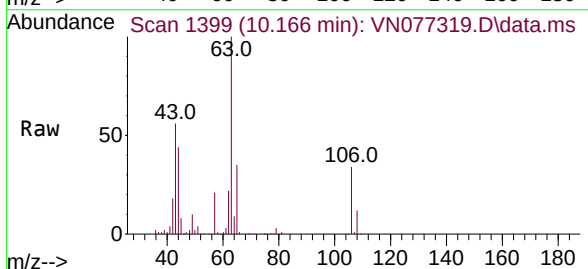
Manual Integrations
APPROVED

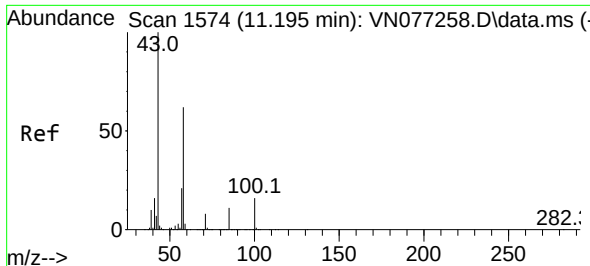
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#58
2-Chloroethyl Vinyl ether
Concen: 84.922 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

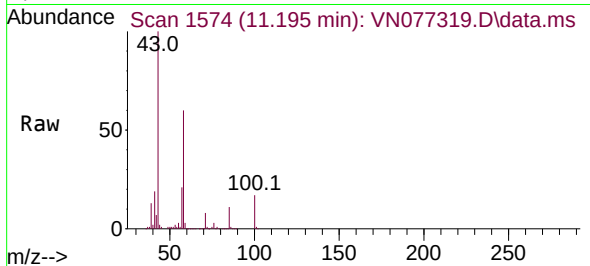
Tgt Ion: 63 Resp: 253197
Ion Ratio Lower Upper
63 100
106 31.3 24.1 36.1





#59
2-Hexanone
Concen: 80.197 ug/l
RT: 11.195 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

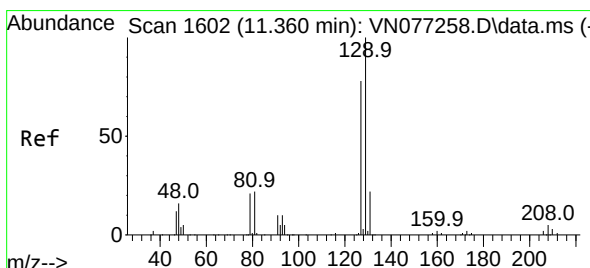
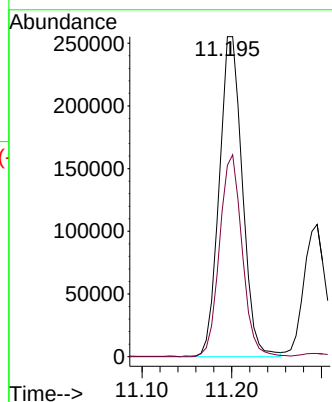
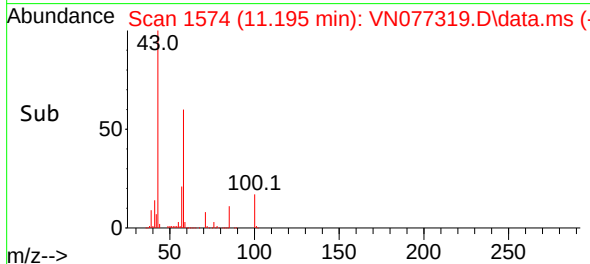
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



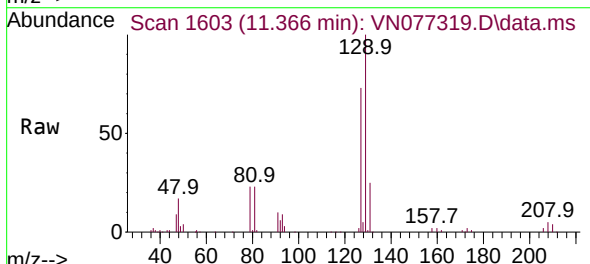
Tgt Ion: 43 Resp: 457480
Ion Ratio Lower Upper
43 100
58 61.5 30.9 92.5

Manual Integrations
APPROVED

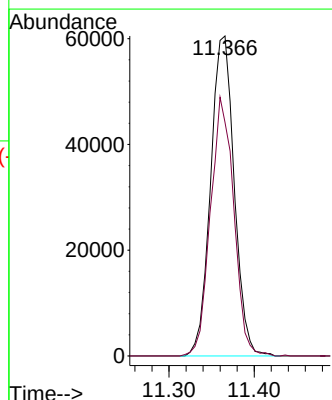
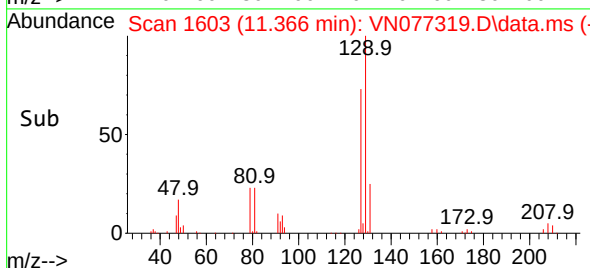
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

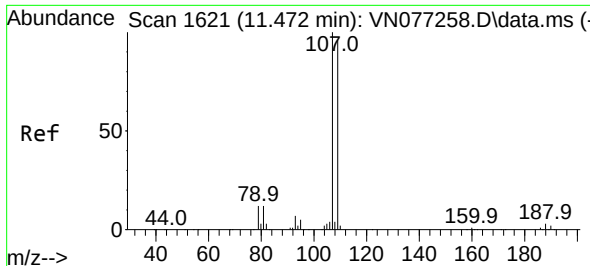


#60
Dibromochloromethane
Concen: 17.608 ug/l
RT: 11.366 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10



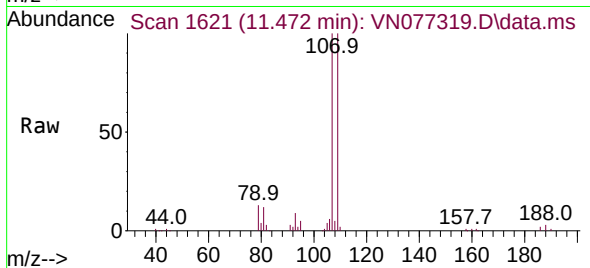
Tgt Ion:129 Resp: 116612
Ion Ratio Lower Upper
129 100
127 79.7 38.1 114.5





#61
1,2-Dibromoethane
Concen: 17.256 ug/l
RT: 11.472 min Scan# 110754
Delta R.T. -0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

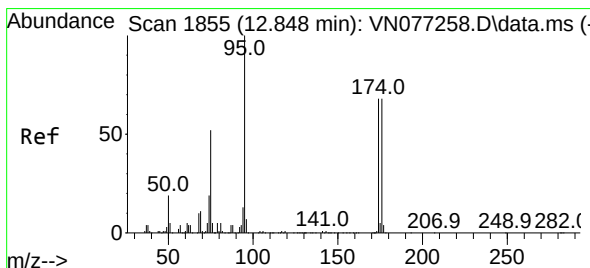
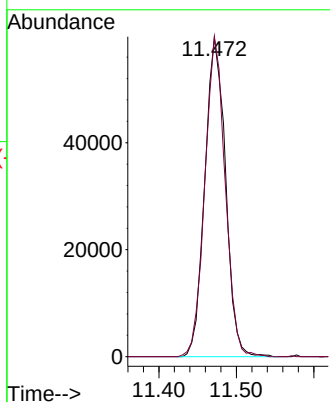
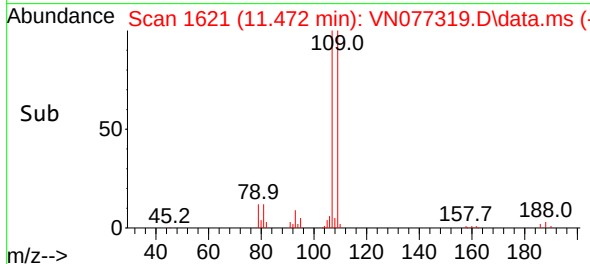
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



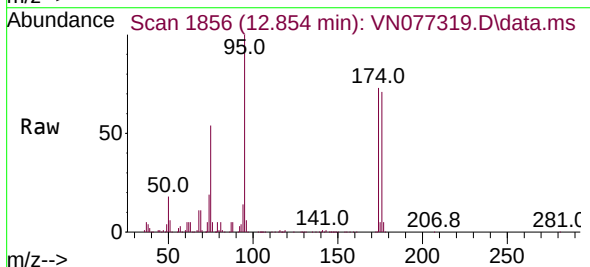
Tgt Ion:107 Resp: 110754
Ion Ratio Lower Upper
107 100
109 98.5 75.2 112.8

Manual Integrations
APPROVED

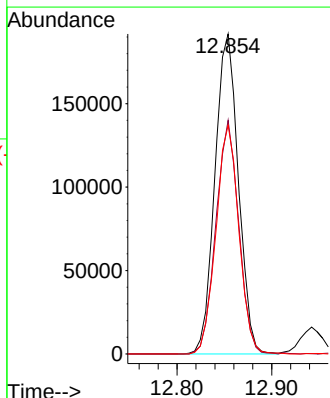
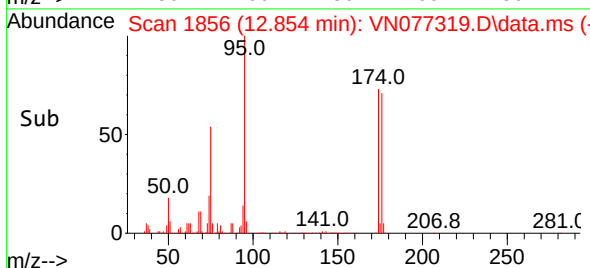
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

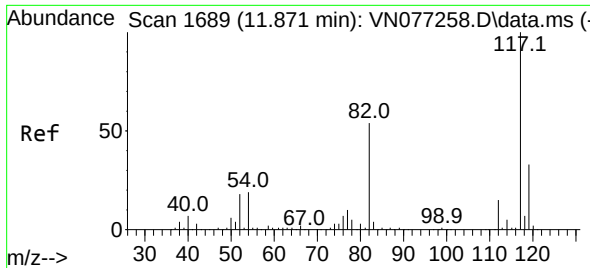


#62
4-Bromofluorobenzene
Concen: 45.425 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10



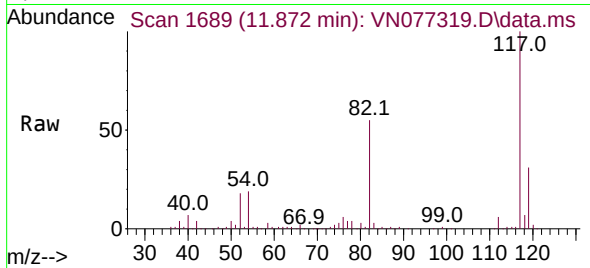
Tgt Ion: 95 Resp: 329947
Ion Ratio Lower Upper
95 100
174 70.9 0.0 146.8
176 69.9 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.001 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

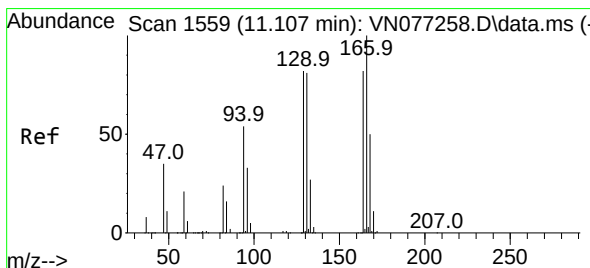
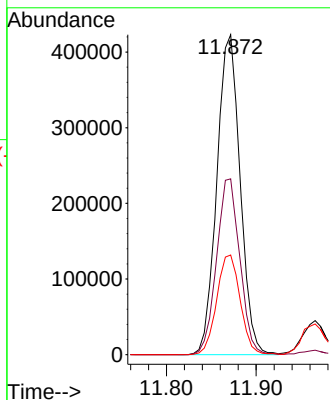
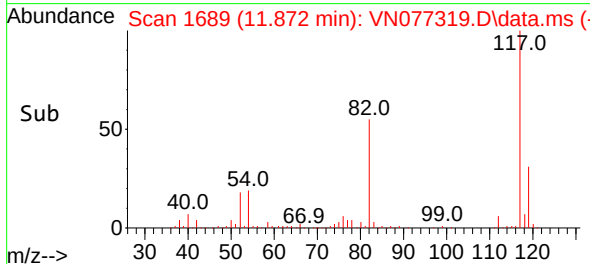
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



Tgt Ion:117 Resp: 762779
Ion Ratio Lower Upper
117 100
82 54.9 42.9 64.3
119 31.2 26.2 39.4

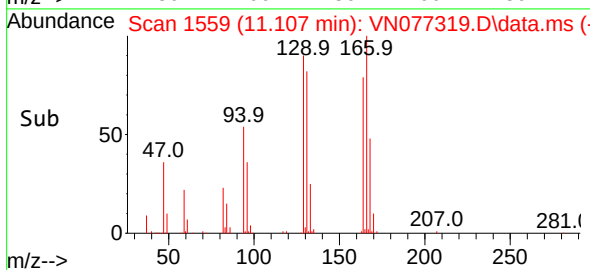
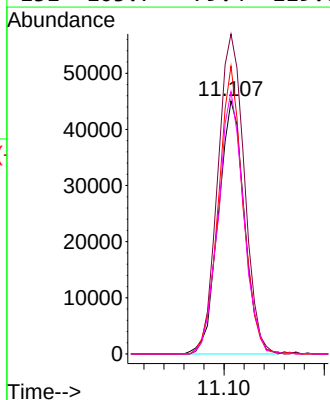
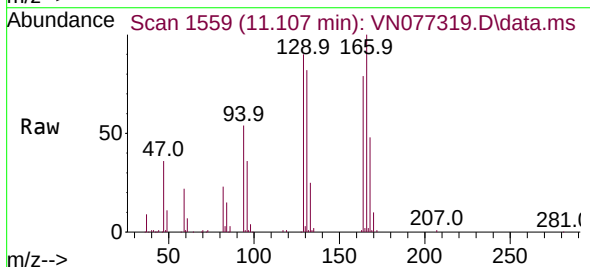
Manual Integrations
APPROVED

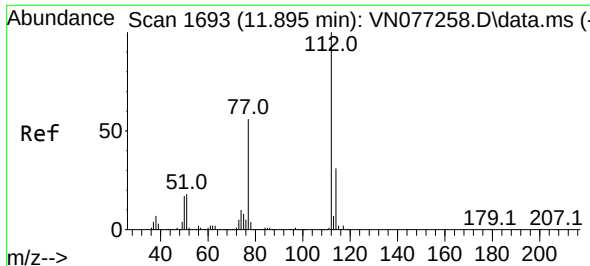
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#64
Tetrachloroethene
Concen: 17.178 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

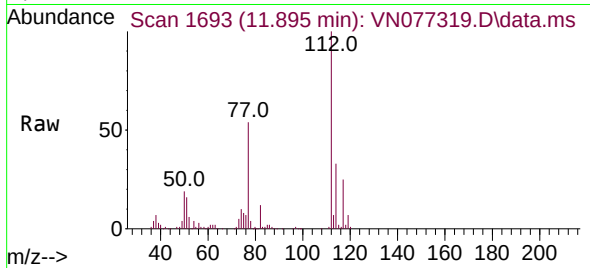
Tgt Ion:164 Resp: 80944
Ion Ratio Lower Upper
164 100
166 126.5 97.8 146.6
129 113.8 80.1 120.1
131 103.7 79.4 119.0





#65
Chlorobenzene
Concen: 17.810 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

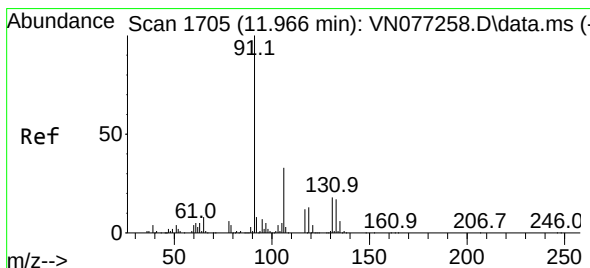
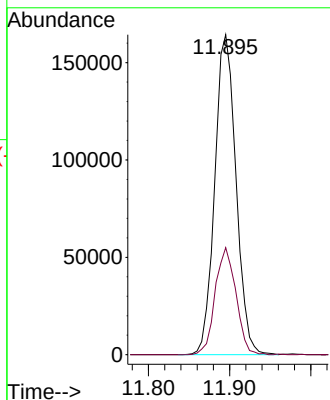
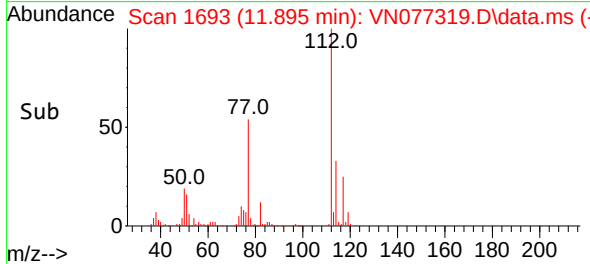
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



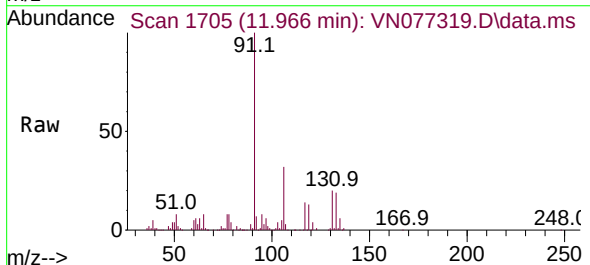
Tgt Ion:112 Resp: 299100
Ion Ratio Lower Upper
112 100
114 33.4 24.6 36.8

Manual Integrations
APPROVED

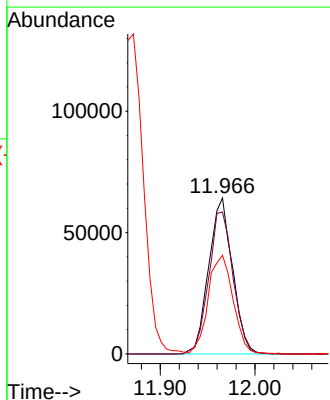
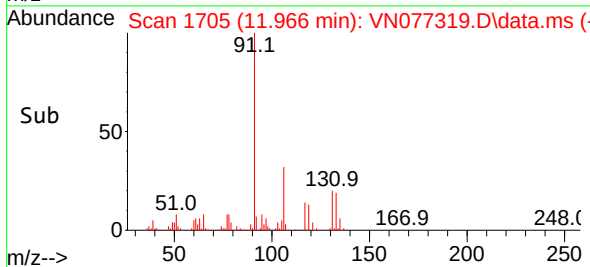
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

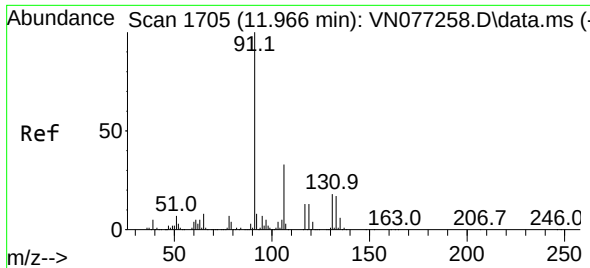


#66
1,1,1,2-Tetrachloroethane
Concen: 17.630 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10



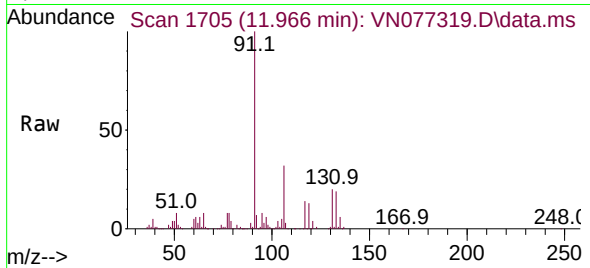
Tgt Ion:131 Resp: 112025
Ion Ratio Lower Upper
131 100
133 93.9 46.9 140.6
119 66.6 34.0 102.0





#67
Ethyl Benzene
Concen: 17.525 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

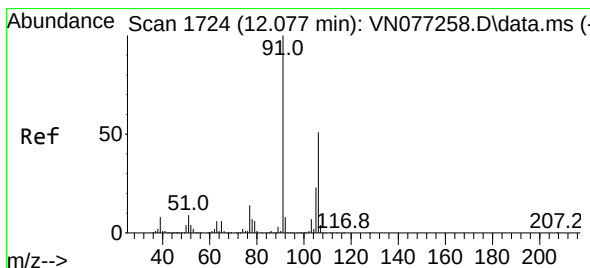
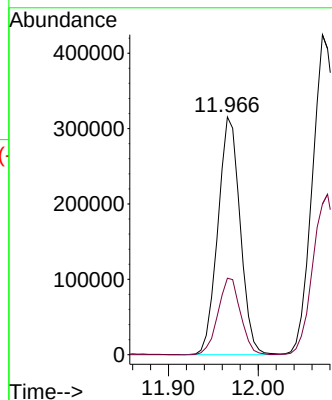
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



Tgt Ion: 91 Resp: 543092
Ion Ratio Lower Upper
91 100
106 32.2 26.2 39.2

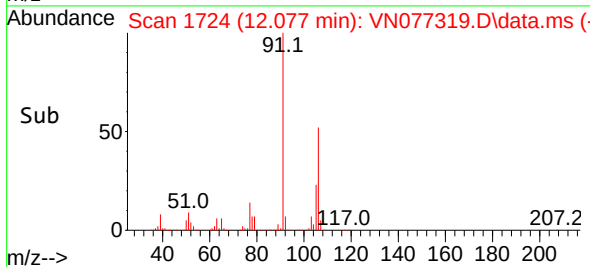
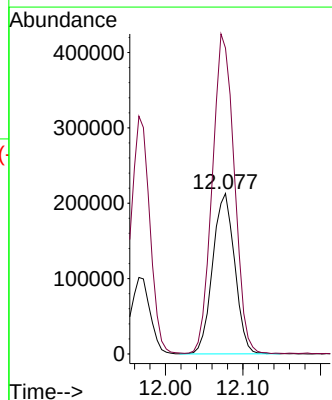
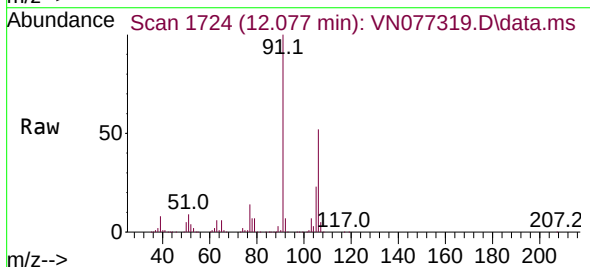
Manual Integrations
APPROVED

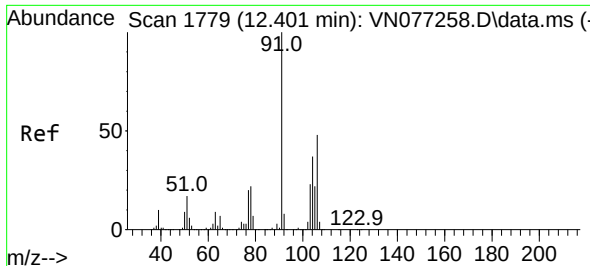
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#68
m/p-Xylenes
Concen: 34.472 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

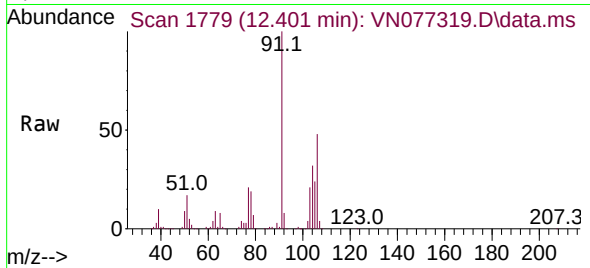
Tgt Ion:106 Resp: 419738
Ion Ratio Lower Upper
106 100
91 199.5 158.7 238.1





#69
o-Xylene
Concen: 17.485 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

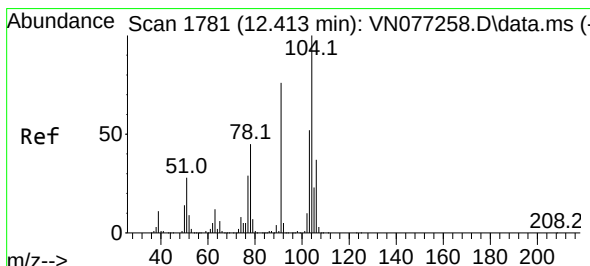
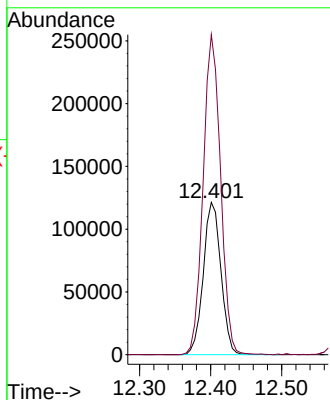
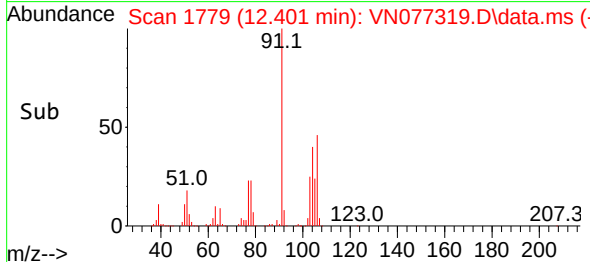
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



Tgt Ion:106 Resp: 210040
Ion Ratio Lower Upper
106 100
91 207.5 104.0 312.0

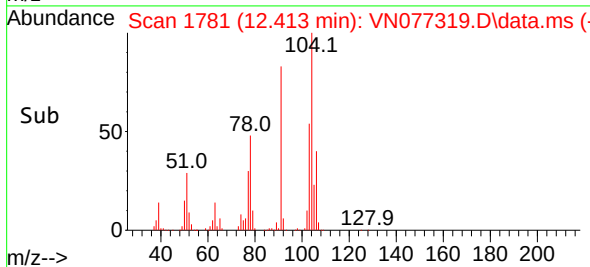
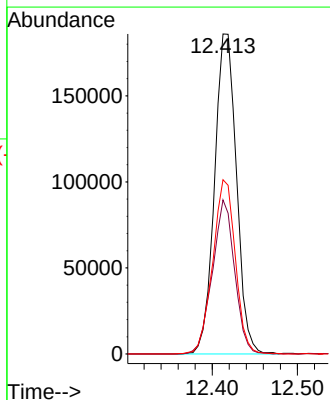
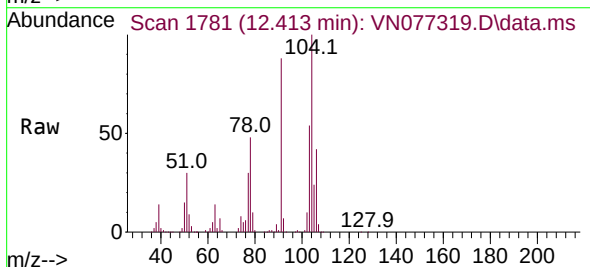
Manual Integrations
APPROVED

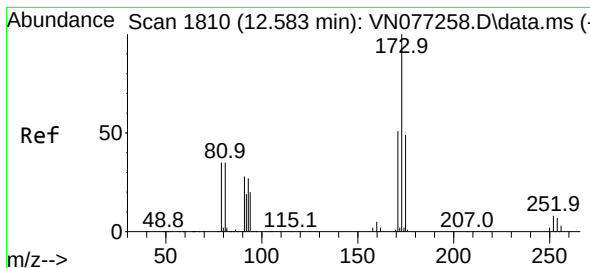
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#70
Styrene
Concen: 17.247 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

Tgt Ion:104 Resp: 333386
Ion Ratio Lower Upper
104 100
78 48.7 38.0 57.0
103 56.1 43.1 64.7





#71

Bromoform

Concen: 17.014 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN077319.D

Acq: 13 Apr 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBS01

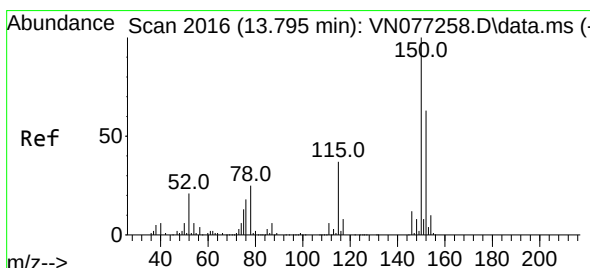
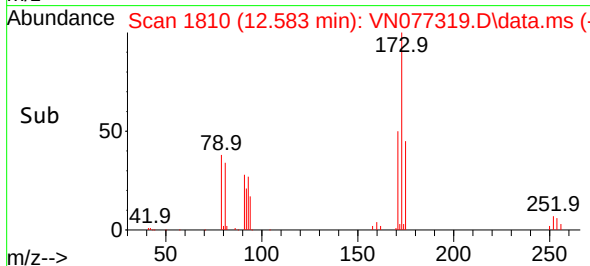
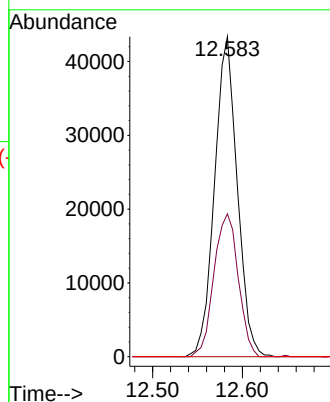
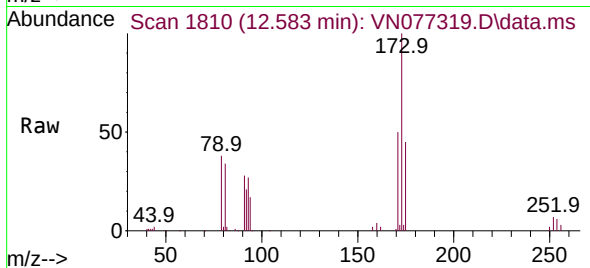
Tgt Ion:173 Resp: 7610
 Ion Ratio Lower Upper
 173 100
 175 47.8 24.1 72.4
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

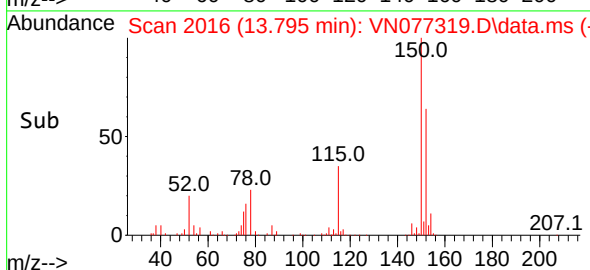
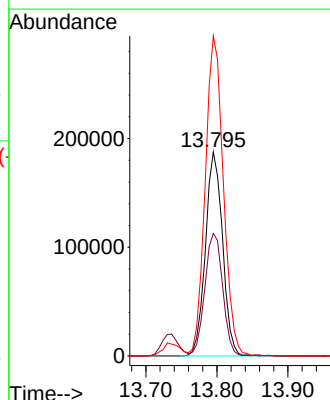
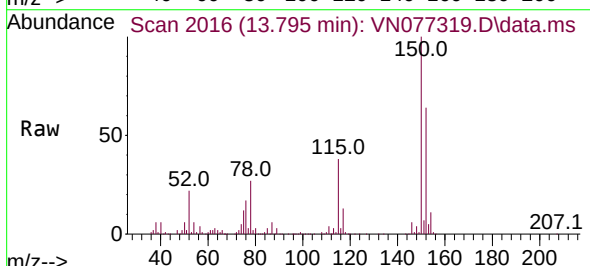
RT: 13.795 min Scan# 2016

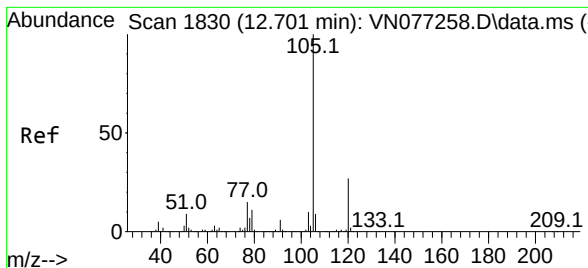
Delta R.T. -0.000 min

Lab File: VN077319.D

Acq: 13 Apr 2023 11:10

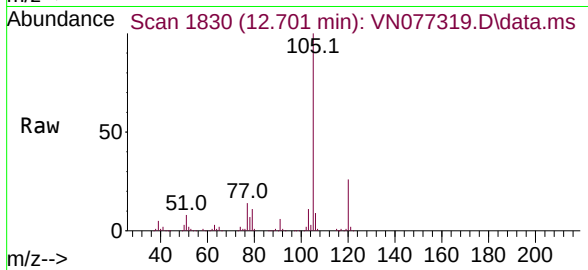
Tgt Ion:152 Resp: 315457
 Ion Ratio Lower Upper
 152 100
 115 62.5 32.1 96.3
 150 165.7 0.0 354.8





#73
Isopropylbenzene
Concen: 17.739 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

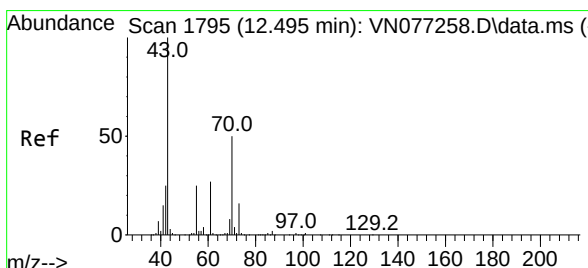
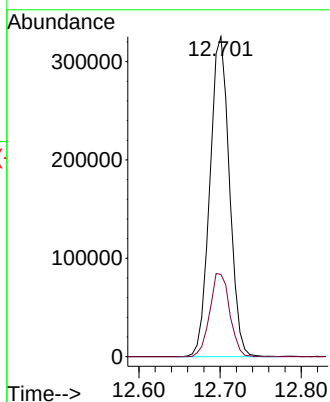
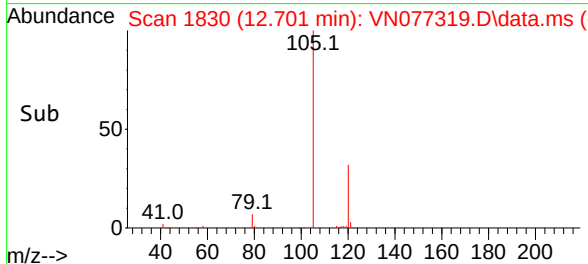
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



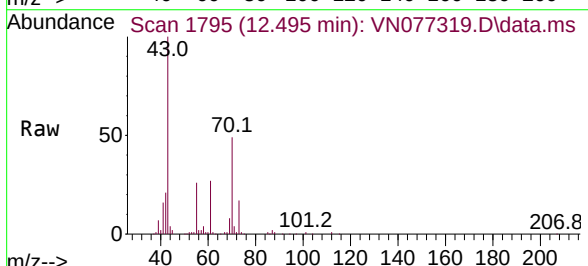
Tgt Ion:105 Resp: 54353
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6

Manual Integrations
APPROVED

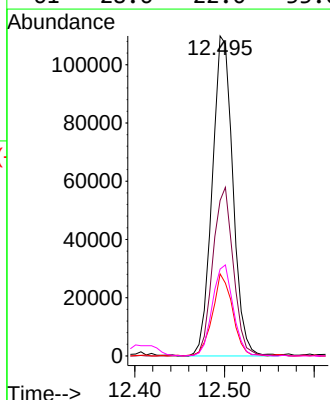
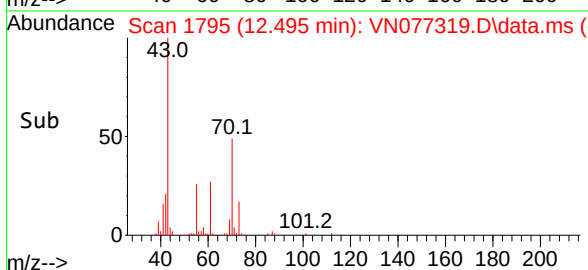
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

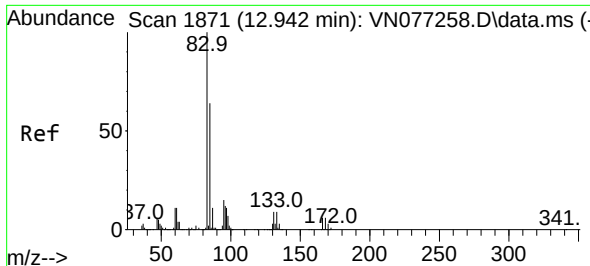


#74
N-ethyl acetate
Concen: 15.141 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10



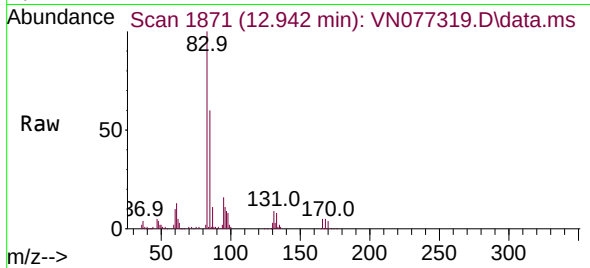
Tgt Ion: 43 Resp: 175806
Ion Ratio Lower Upper
43 100
70 52.3 41.0 61.6
55 24.9 19.3 28.9
61 28.6 22.0 33.0





#75
1,1,2,2-Tetrachloroethane
Concen: 17.208 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

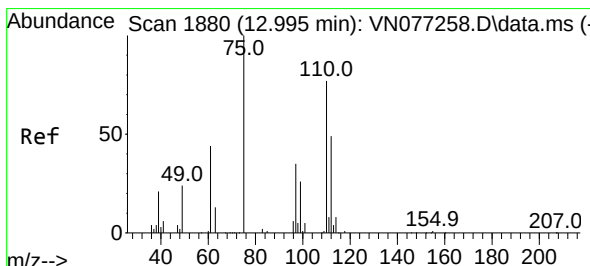
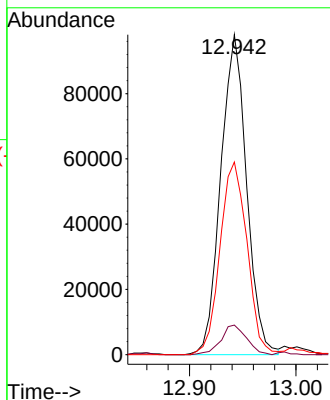
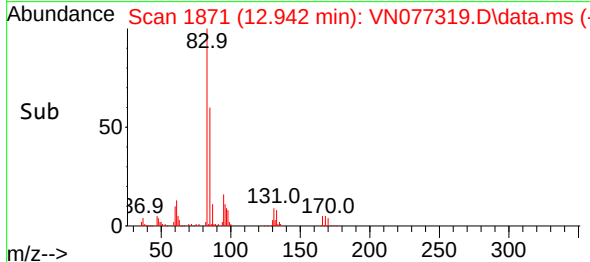
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



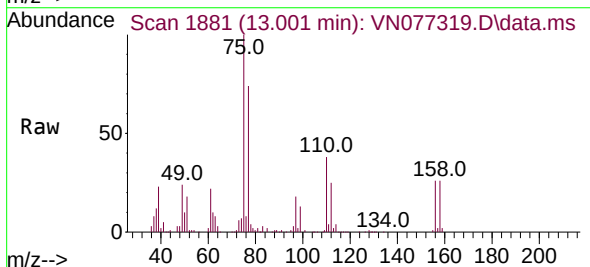
Tgt Ion: 83 Resp: 165464
Ion Ratio Lower Upper
83 100
131 9.2 4.9 14.6
85 62.8 32.1 96.3

Manual Integrations
APPROVED

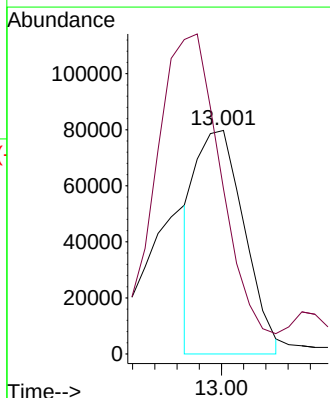
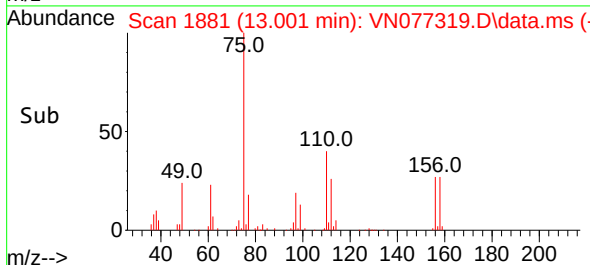
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

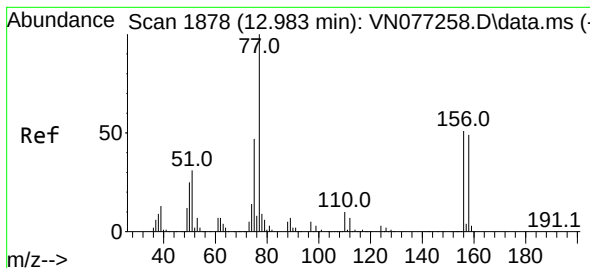


#76
1,2,3-Trichloropropane
Concen: 16.169 ug/l m
RT: 13.001 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10



Tgt Ion: 75 Resp: 121458
Ion Ratio Lower Upper
75 100
77 199.9 88.3 264.9





#77

Bromobenzene

Concen: 17.297 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077319.D

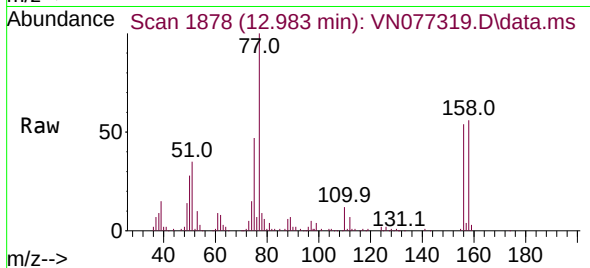
Acq: 13 Apr 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBS01



Tgt Ion: 156 Resp: 107764

Ion Ratio Lower Upper

156 100

77 225.3 115.3 345.8

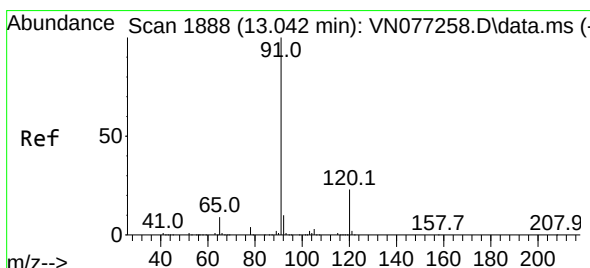
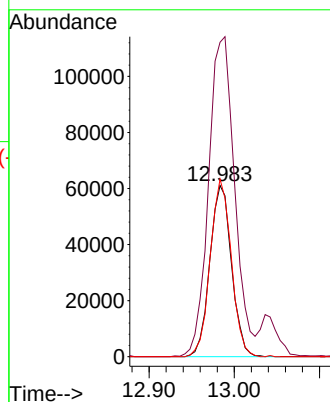
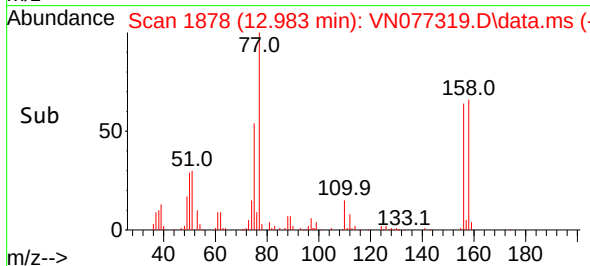
158 100.7 49.3 147.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#78

n-propylbenzene

Concen: 17.744 ug/l

RT: 13.042 min Scan# 1888

Delta R.T. 0.000 min

Lab File: VN077319.D

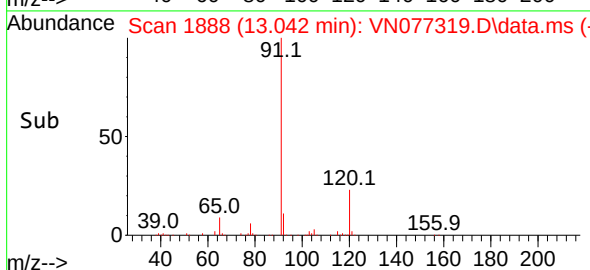
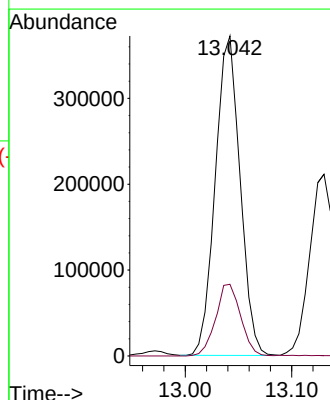
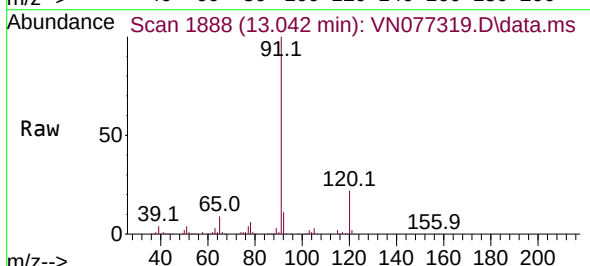
Acq: 13 Apr 2023 11:10

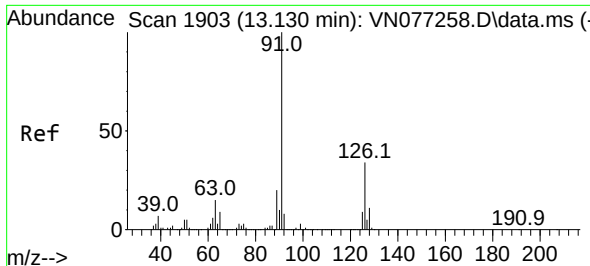
Tgt Ion: 91 Resp: 600719

Ion Ratio Lower Upper

91 100

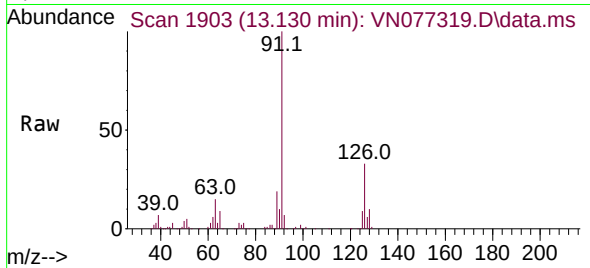
120 22.6 11.5 34.5





#79
2-Chlorotoluene
Concen: 17.588 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

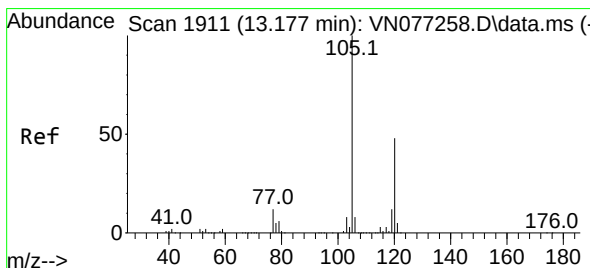
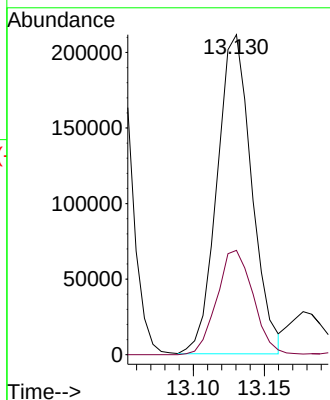
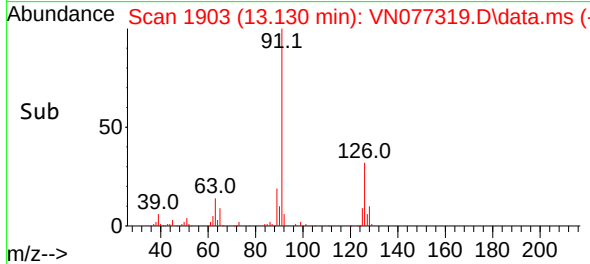
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



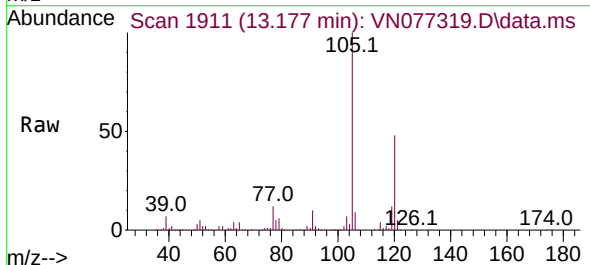
Tgt Ion: 91 Resp: 358544
Ion Ratio Lower Upper
91 100
126 34.2 16.8 50.4

Manual Integrations
APPROVED

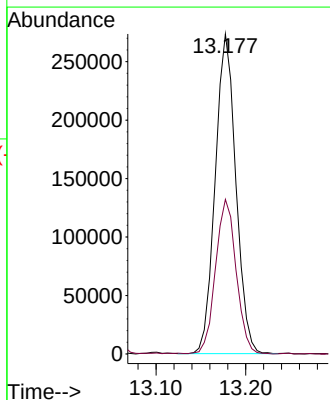
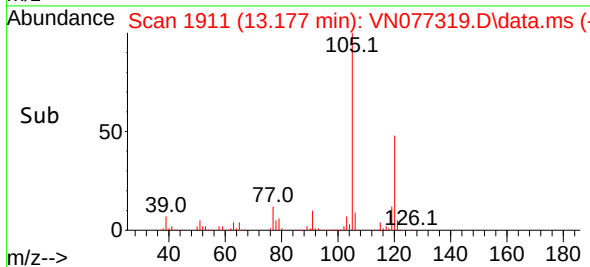
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

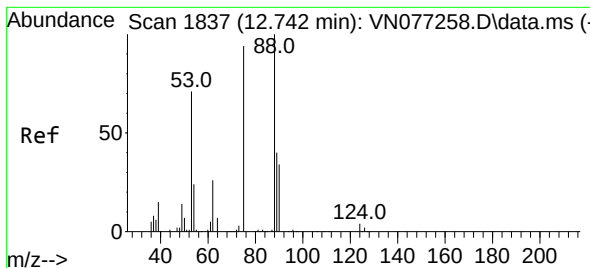


#80
1,3,5-Trimethylbenzene
Concen: 17.823 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10



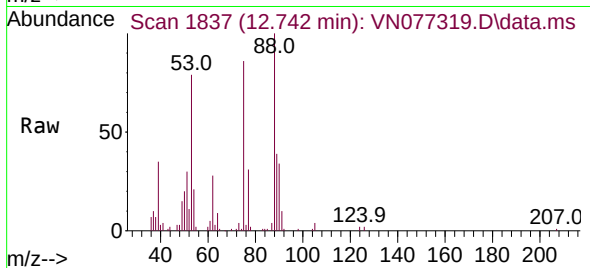
Tgt Ion:105 Resp: 436161
Ion Ratio Lower Upper
105 100
120 48.3 24.3 73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 18.303 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

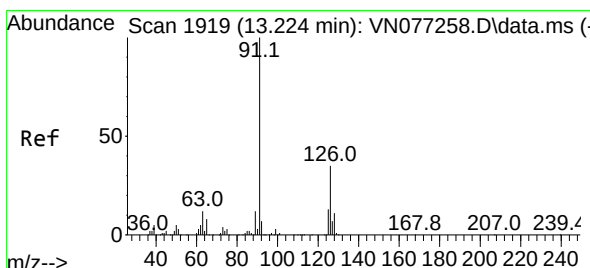
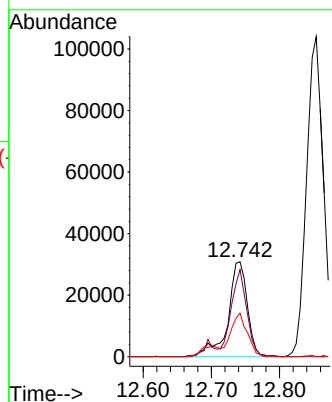
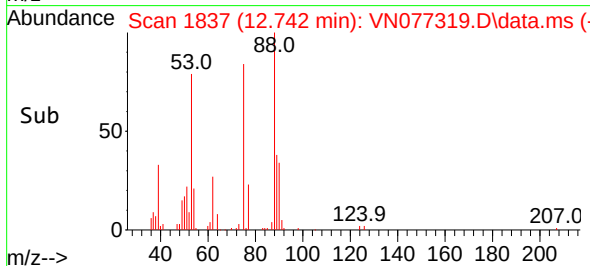
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01



Tgt Ion: 75 Resp: 61090
Ion Ratio Lower Upper
75 100
53 75.1 72.8 109.2
89 39.3 37.4 56.2

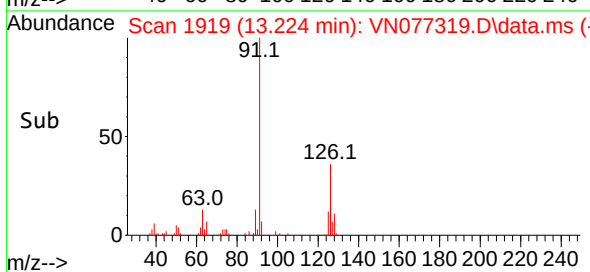
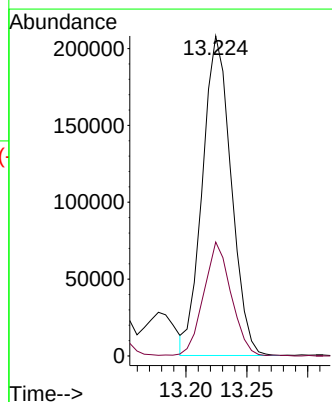
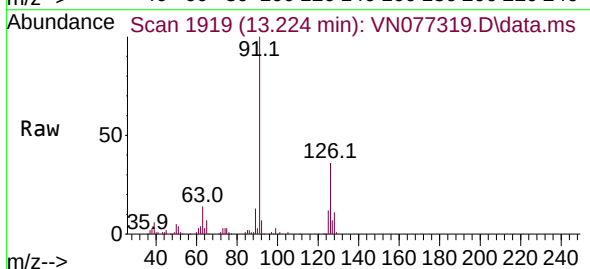
Manual Integrations
APPROVED

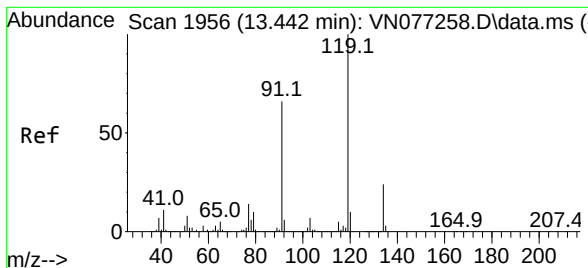
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#82
4-Chlorotoluene
Concen: 17.746 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

Tgt Ion: 91 Resp: 341085
Ion Ratio Lower Upper
91 100
126 34.4 16.9 50.7





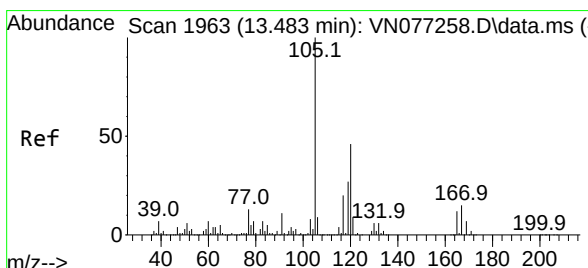
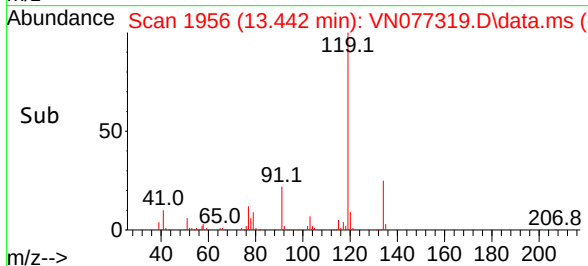
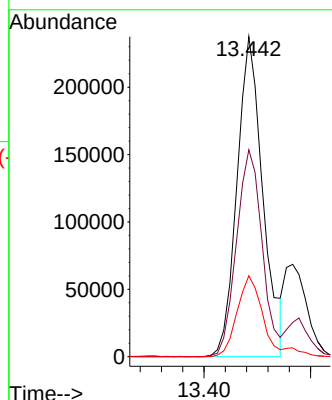
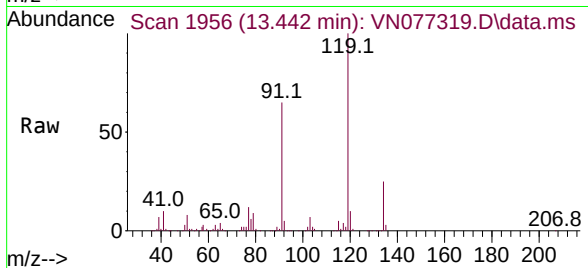
#83
tert-Butylbenzene
Concen: 18.359 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

Tgt Ion:119 Resp: 399904
Ion Ratio Lower Upper
119 100
91 64.6 33.5 100.4
134 26.3 13.3 39.9

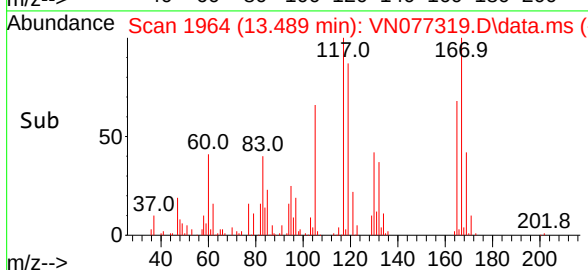
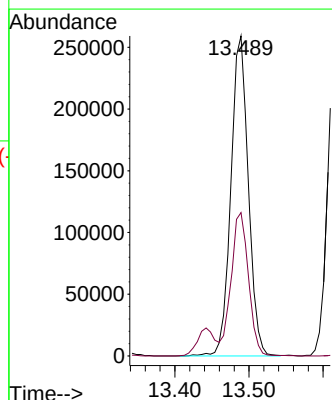
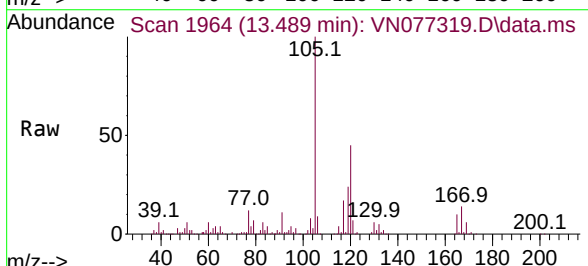
Manual Integrations
APPROVED

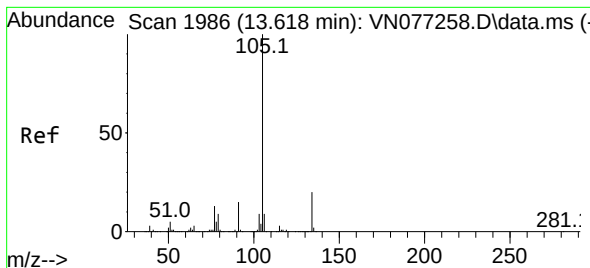
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#84
1,2,4-Trimethylbenzene
Concen: 17.492 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

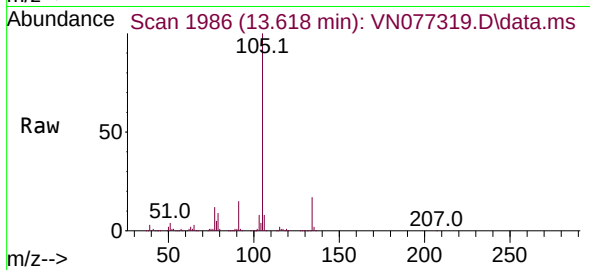
Tgt Ion:105 Resp: 422915
Ion Ratio Lower Upper
105 100
120 44.7 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 18.348 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077319.D
 Acq: 13 Apr 2023 11:10

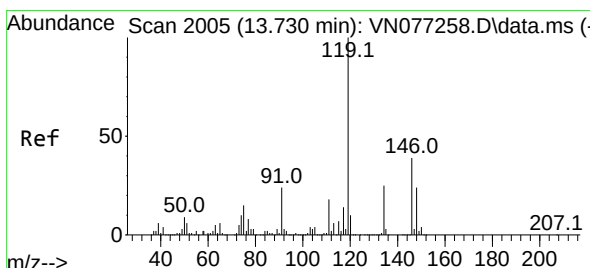
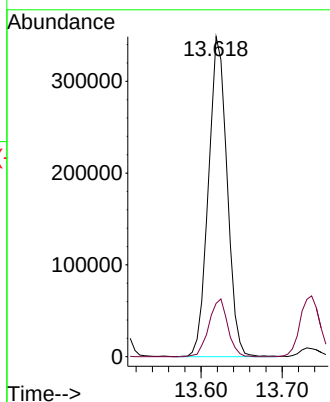
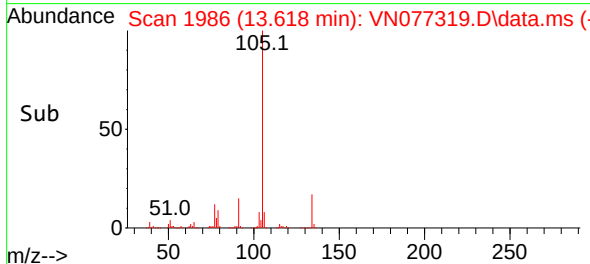
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBS01



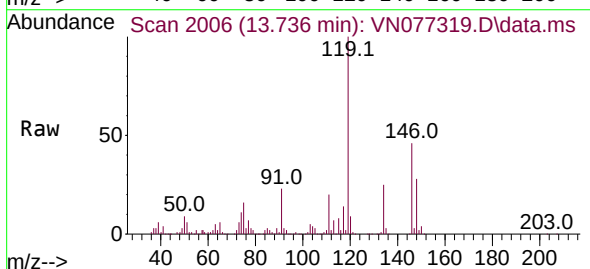
Tgt Ion:105 Resp: 556999
 Ion Ratio Lower Upper
 105 100
 134 18.1 9.8 29.4

Manual Integrations
 APPROVED

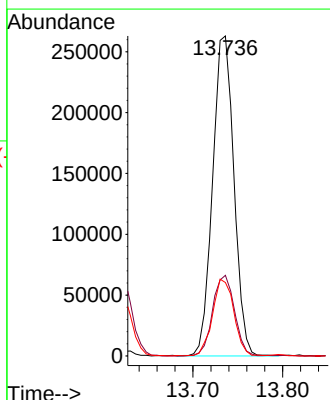
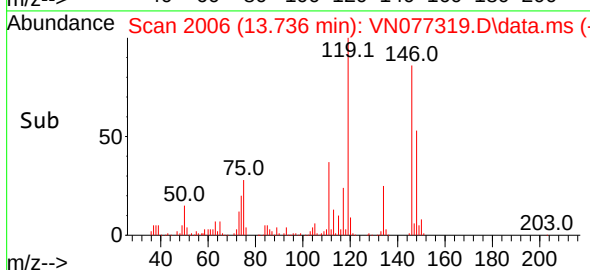
Reviewed By :John Carlone 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

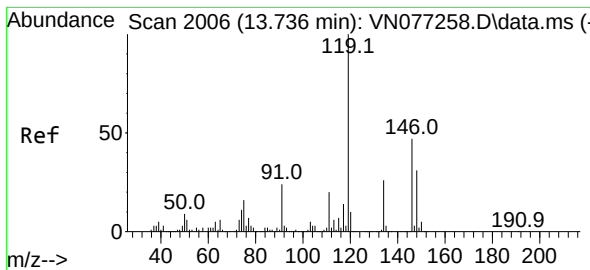


#86
 p-Isopropyltoluene
 Concen: 18.190 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077319.D
 Acq: 13 Apr 2023 11:10



Tgt Ion:119 Resp: 433980
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.6
 91 23.9 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 17.871 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077319.D

Acq: 13 Apr 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBS01

Tgt Ion:146 Resp: 205979

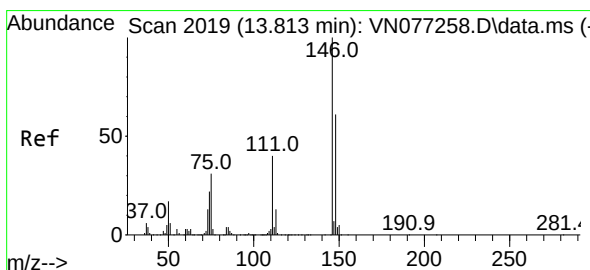
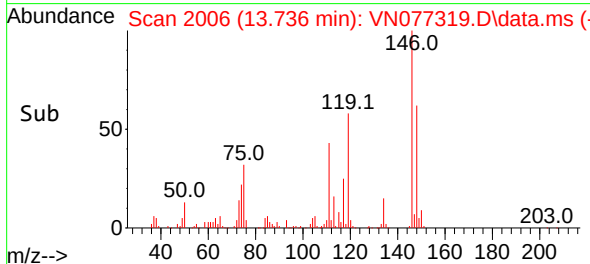
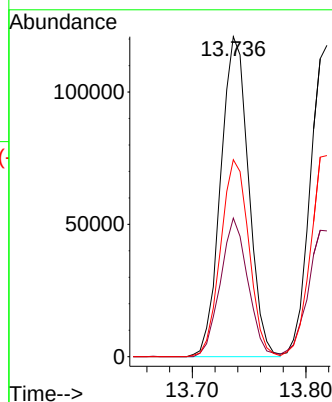
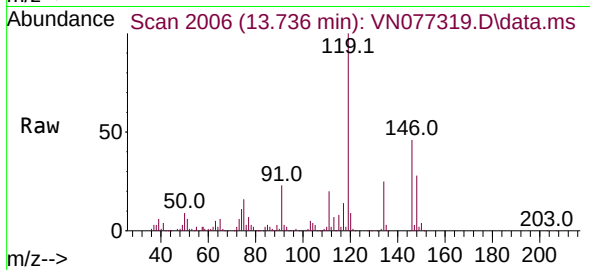
Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.8	65.4
148	62.5	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#88

1,4-Dichlorobenzene

Concen: 17.886 ug/l

RT: 13.818 min Scan# 2020

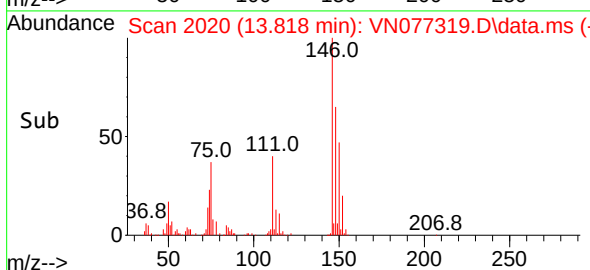
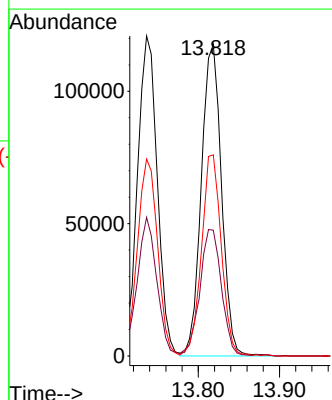
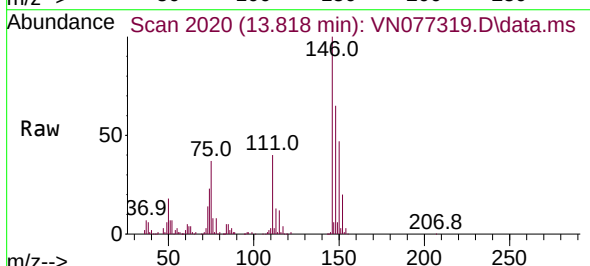
Delta R.T. 0.005 min

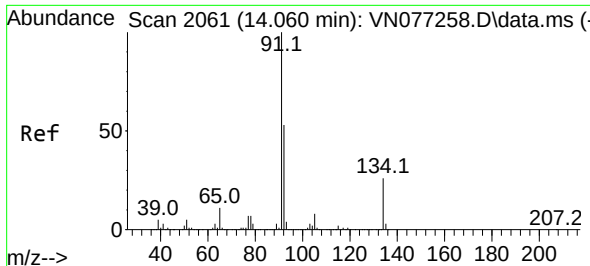
Lab File: VN077319.D

Acq: 13 Apr 2023 11:10

Tgt Ion:146 Resp: 203297

Ion	Ratio	Lower	Upper
146	100		
111	43.1	20.4	61.2
148	63.5	31.6	95.0





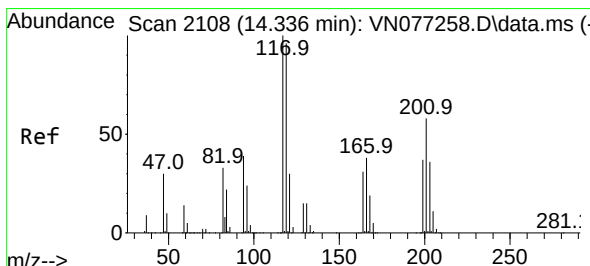
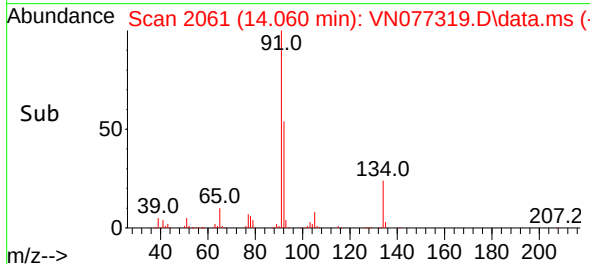
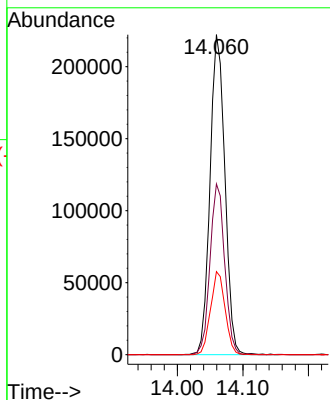
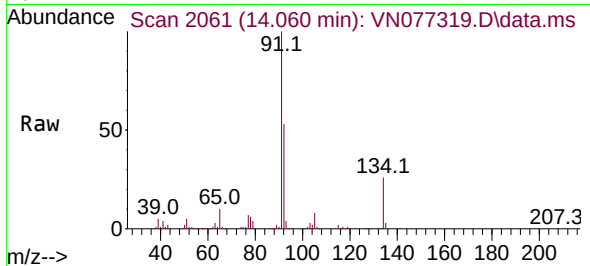
#89
n-Butylbenzene
Concen: 17.673 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

Tgt Ion: 91 Resp: 350049
Ion Ratio Lower Upper
91 100
92 52.7 26.7 80.0
134 25.4 12.8 38.3

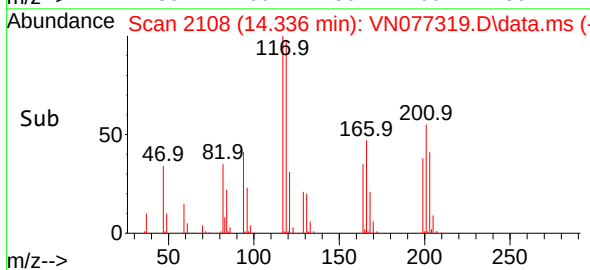
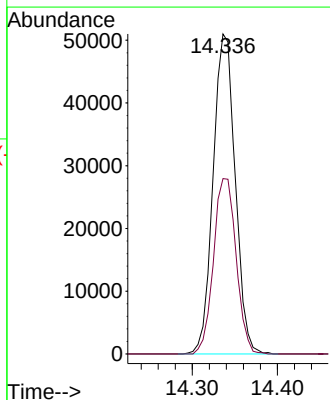
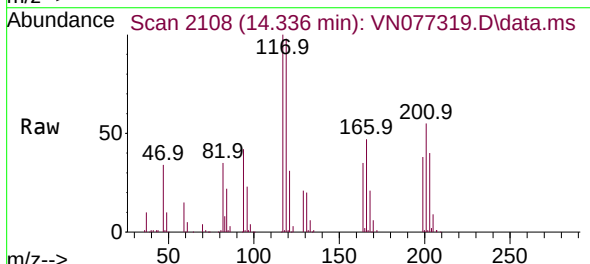
Manual Integrations
APPROVED

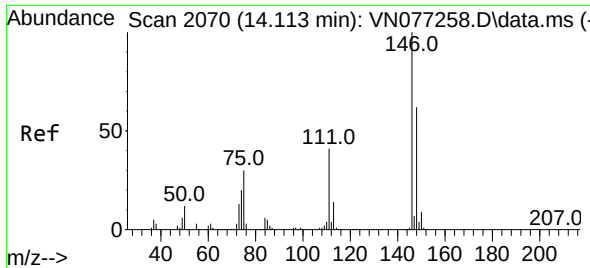
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#90
Hexachloroethane
Concen: 17.643 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

Tgt Ion:117 Resp: 92039
Ion Ratio Lower Upper
117 100
201 56.1 29.8 89.5





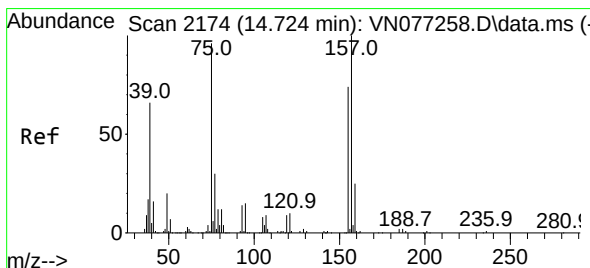
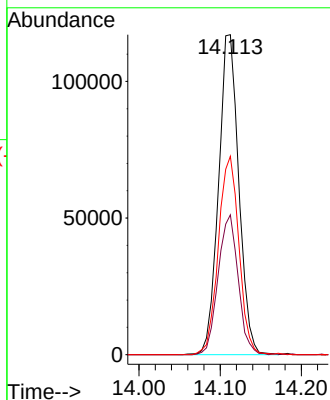
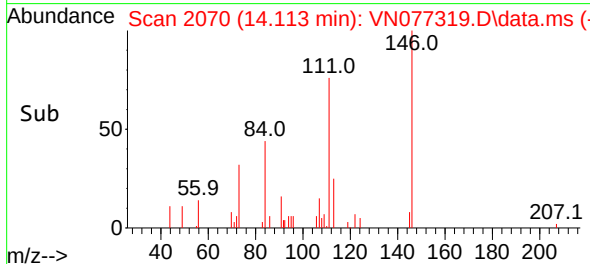
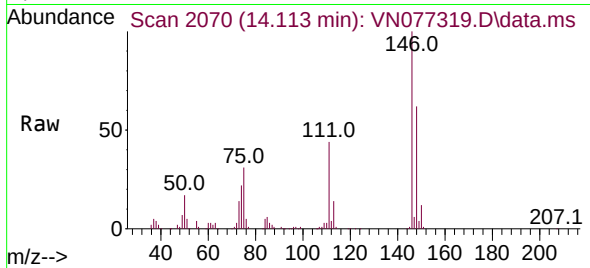
#91
1,2-Dichlorobenzene
Concen: 17.620 ug/l
RT: 14.113 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

Tgt Ion:146 Resp: 20316
Ion Ratio Lower Upper
146 100
111 43.3 21.9 65.5
148 63.0 31.9 95.5

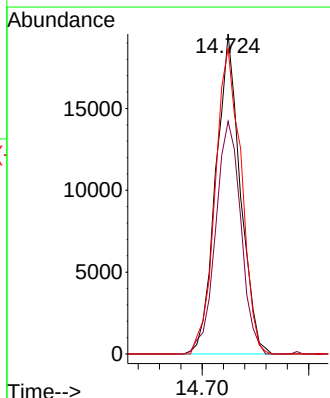
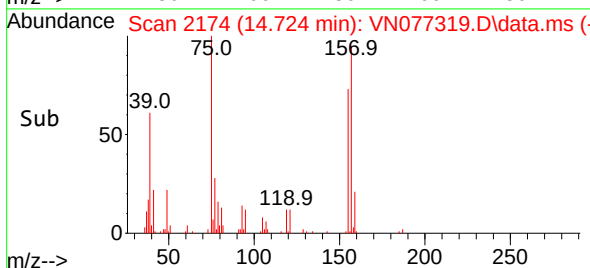
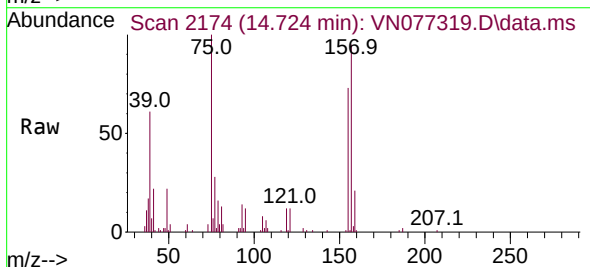
Manual Integrations
APPROVED

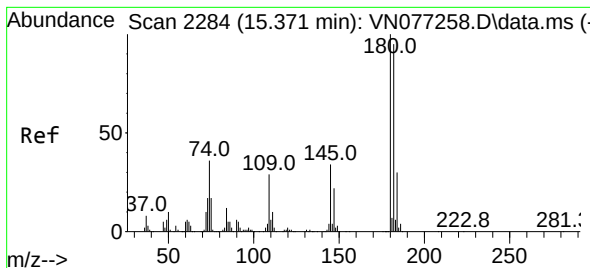
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.054 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077319.D
Acq: 13 Apr 2023 11:10

Tgt Ion: 75 Resp: 31078
Ion Ratio Lower Upper
75 100
155 75.3 41.0 123.2
157 101.7 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 14.469 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077319.D

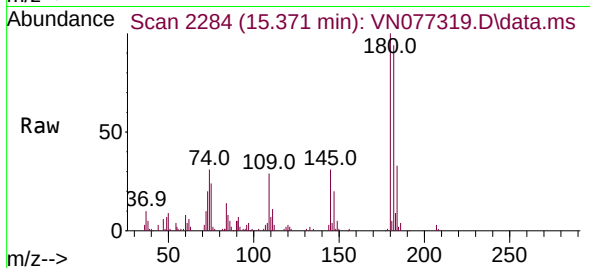
Acq: 13 Apr 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBS01



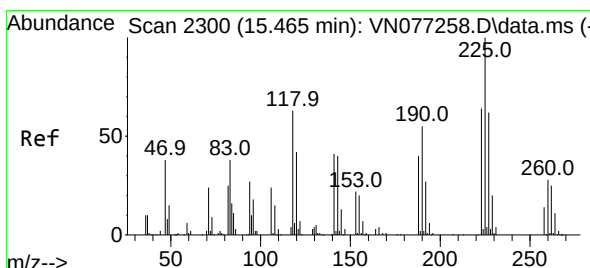
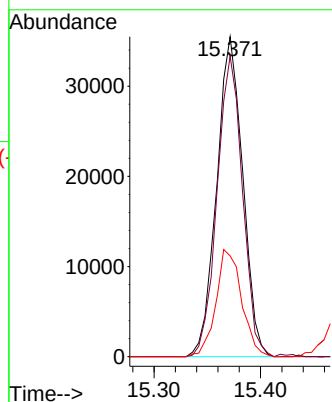
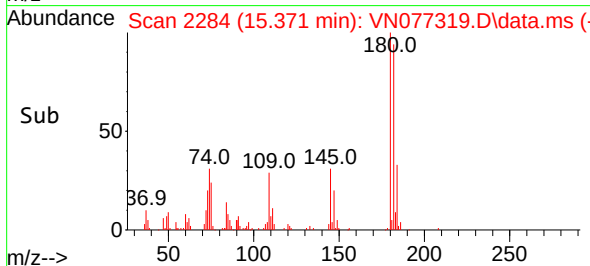
Tgt Ion:180	Resp:	6022
Ion Ratio	Lower	Upper
180	100	
182	91.5	46.7 140.0
145	33.0	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#94

Hexachlorobutadiene

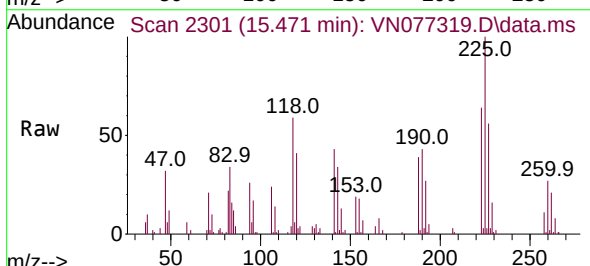
Concen: 17.013 ug/l

RT: 15.471 min Scan# 2301

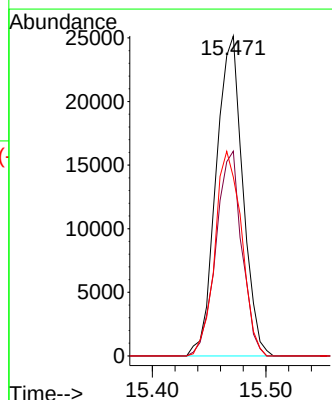
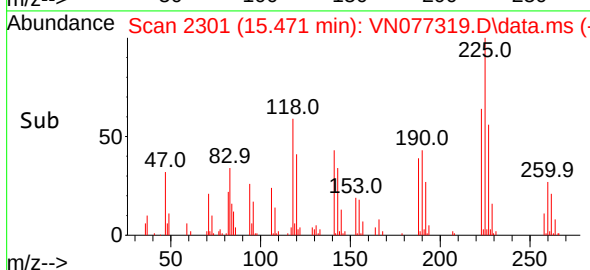
Delta R.T. 0.006 min

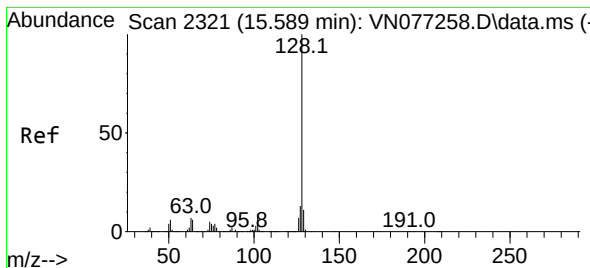
Lab File: VN077319.D

Acq: 13 Apr 2023 11:10



Tgt Ion:225	Resp:	40991
Ion Ratio	Lower	Upper
225	100	
223	62.0	31.7 95.1
227	64.2	31.2 93.6





#95

Naphthalene

Concen: 14.451 ug/l

RT: 15.589 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VN077319.D

Acq: 13 Apr 2023 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBS01

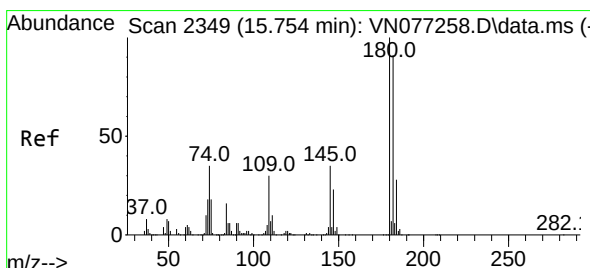
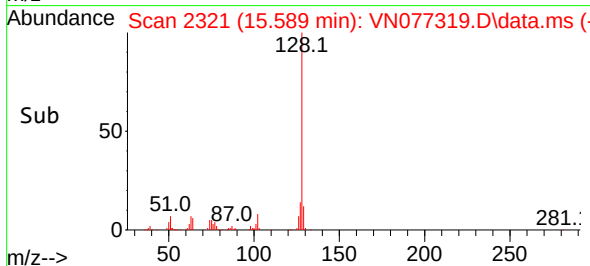
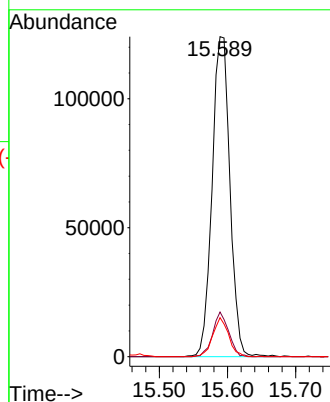
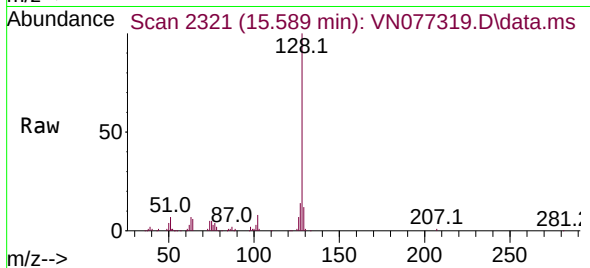
Tgt Ion:128	Resp: 22596
Ion Ratio	Lower Upper
128 100	
127 12.5	10.2 15.4
129 10.9	8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#96

1,2,3-Trichlorobenzene

Concen: 14.697 ug/l

RT: 15.754 min Scan# 2349

Delta R.T. -0.000 min

Lab File: VN077319.D

Acq: 13 Apr 2023 11:10

Tgt Ion:180	Resp: 58516
Ion Ratio	Lower Upper
180 100	
182 94.9	46.9 140.8
145 35.9	17.6 52.8

