

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077207.D
 Acq On : 27 Mar 2023 17:41
 Operator : JC\MD
 Sample : VN0327WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2023
 Supervised By : Semsettin Yesilyurt 03/28/2023

Quant Time: Mar 28 07:28:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:47:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	440245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	751421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	680440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	298632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	333042	48.383	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.760%		
35) Dibromofluoromethane	8.172	113	248110	48.661	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.320%		
50) Toluene-d8	10.572	98	958561	50.173	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.340%		
62) 4-Bromofluorobenzene	12.854	95	309400	49.344	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.143	85	75679	16.479	ug/l	97
3) Chloromethane	2.372	50	120899	18.766	ug/l	91
4) Vinyl Chloride	2.525	62	140309	19.281	ug/l	100
5) Bromomethane	2.966	94	96798	16.665	ug/l	91
6) Chloroethane	3.131	64	102468	16.242	ug/l	98
7) Trichlorofluoromethane	3.507	101	184339	16.520	ug/l	99
8) Diethyl Ether	3.978	74	59642	16.239	ug/l	62
9) 1,1,2-Trichlorotrifluo...	4.390	101	88241	18.477	ug/l	97
10) Methyl Iodide	4.596	142	93729	17.395	ug/l	98
11) Tert butyl alcohol	5.525	59	83725	89.246	ug/l #	85
12) 1,1-Dichloroethene	4.354	96	83788	18.445	ug/l #	82
13) Acrolein	4.190	56	118236	89.858	ug/l	98
14) Allyl chloride	5.037	41	148785	17.434	ug/l #	84
15) Acrylonitrile	5.731	53	263177	89.985	ug/l	99
16) Acetone	4.437	43	249527	97.494	ug/l	91
17) Carbon Disulfide	4.725	76	233366	18.359	ug/l	97
18) Methyl Acetate	5.043	43	184313	18.000	ug/l #	81
19) Methyl tert-butyl Ether	5.807	73	288478	17.865	ug/l #	86
20) Methylene Chloride	5.290	84	105387	18.491	ug/l #	78
21) trans-1,2-Dichloroethene	5.796	96	91007	18.256	ug/l	84
22) Diisopropyl ether	6.678	45	339810	18.473	ug/l #	88
23) Vinyl Acetate	6.613	43	1083799	91.306	ug/l #	86
24) 1,1-Dichloroethane	6.578	63	188963	18.374	ug/l	94
25) 2-Butanone	7.495	43	365753	91.395	ug/l #	80
26) 2,2-Dichloropropane	7.495	77	138463	19.524	ug/l	100
27) cis-1,2-Dichloroethene	7.490	96	104290	18.136	ug/l	83
28) Bromochloromethane	7.819	49	87252	16.637	ug/l #	70
29) Tetrahydrofuran	7.848	42	243855	91.984	ug/l #	74
30) Chloroform	7.972	83	182467	18.014	ug/l	99
31) Cyclohexane	8.266	56	177766	18.590	ug/l #	81
32) 1,1,1-Trichloroethane	8.172	97	161449	18.565	ug/l	94
36) 1,1-Dichloropropene	8.378	75	135260	19.061	ug/l	95
37) Ethyl Acetate	7.566	43	147889	18.697	ug/l #	90
38) Carbon Tetrachloride	8.366	117	139514	19.390	ug/l	92
39) Methylcyclohexane	9.607	83	162332	19.586	ug/l #	83
40) Benzene	8.613	78	413315	19.005	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	80052	18.517	ug/l #	80
42) 1,2-Dichloroethane	8.672	62	151731	18.504	ug/l	94
43) Isopropyl Acetate	8.695	43	234044	18.341	ug/l #	85
44) Trichloroethene	9.360	130	94661	18.997	ug/l	93
45) 1,2-Dichloropropane	9.625	63	108548	18.767	ug/l	98
46) Dibromomethane	9.713	93	71307	18.863	ug/l	100
47) Bromodichloromethane	9.889	83	144677	19.243	ug/l	98
48) Methyl methacrylate	9.684	41	109010	17.739	ug/l #	77
49) 1,4-Dioxane	9.701	88	41514	396.275	ug/l #	82
51) 4-Methyl-2-Pentanone	10.448	43	749894	93.396	ug/l #	85
52) Toluene	10.631	92	255023	19.228	ug/l	99
53) t-1,3-Dichloropropene	10.842	75	140752	18.449	ug/l	95
54) cis-1,3-Dichloropropene	10.313	75	158400	18.971	ug/l #	82
55) 1,1,2-Trichloroethane	11.019	97	96299	18.495	ug/l	95
56) Ethyl methacrylate	10.878	69	139647	18.169	ug/l #	66
57) 1,3-Dichloropropane	11.166	76	172636	18.599	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	276091	92.085	ug/l	89
59) 2-Hexanone	11.201	43	537300	93.114	ug/l	81
60) Dibromochloromethane	11.366	129	100018	18.699	ug/l	96
61) 1,2-Dibromoethane	11.472	107	95053	18.370	ug/l	98
64) Tetrachloroethene	11.107	164	79234	18.772	ug/l	94
65) Chlorobenzene	11.895	112	256077	18.679	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.960	131	94179	18.804	ug/l	99
67) Ethyl Benzene	11.966	91	468358	18.779	ug/l	97
68) m/p-Xylenes	12.072	106	361696	38.129	ug/l	97
69) o-Xylene	12.401	106	176760	19.242	ug/l	96
70) Styrene	12.413	104	273320	18.420	ug/l	96
71) Bromoform	12.583	173	65186	17.571	ug/l #	99
73) Isopropylbenzene	12.701	105	446106	18.986	ug/l	98
74) N-amyl acetate	12.495	43	182351	17.810	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.942	83	144923	18.466	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	109747m	18.116	ug/l	
77) Bromobenzene	12.983	156	101651	18.792	ug/l	91
78) n-propylbenzene	13.036	91	516896	19.075	ug/l	96
79) 2-Chlorotoluene	13.130	91	310795	18.652	ug/l	95
80) 1,3,5-Trimethylbenzene	13.177	105	371876	19.005	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.736	75	46521	22.133	ug/l #	75
82) 4-Chlorotoluene	13.224	91	297720	18.824	ug/l	95
83) tert-Butylbenzene	13.442	119	313898	18.968	ug/l	94
84) 1,2,4-Trimethylbenzene	13.483	105	371566	19.324	ug/l	95
85) sec-Butylbenzene	13.619	105	448909	19.019	ug/l	97
86) p-Isopropyltoluene	13.730	119	369831	19.564	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	186229	19.075	ug/l	100
88) 1,4-Dichlorobenzene	13.813	146	183340	18.776	ug/l	98
89) n-Butylbenzene	14.060	91	296240	19.114	ug/l	96
90) Hexachloroethane	14.336	117	66389	18.845	ug/l	90
91) 1,2-Dichlorobenzene	14.107	146	182230	18.714	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	26014	18.732	ug/l	87
93) 1,2,4-Trichlorobenzene	15.395	180	72060	18.242	ug/l	99
94) Hexachlorobutadiene	15.507	225	49055	19.859	ug/l	99
95) Naphthalene	15.642	128	209256	17.445	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	71766	18.585	ug/l	97

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

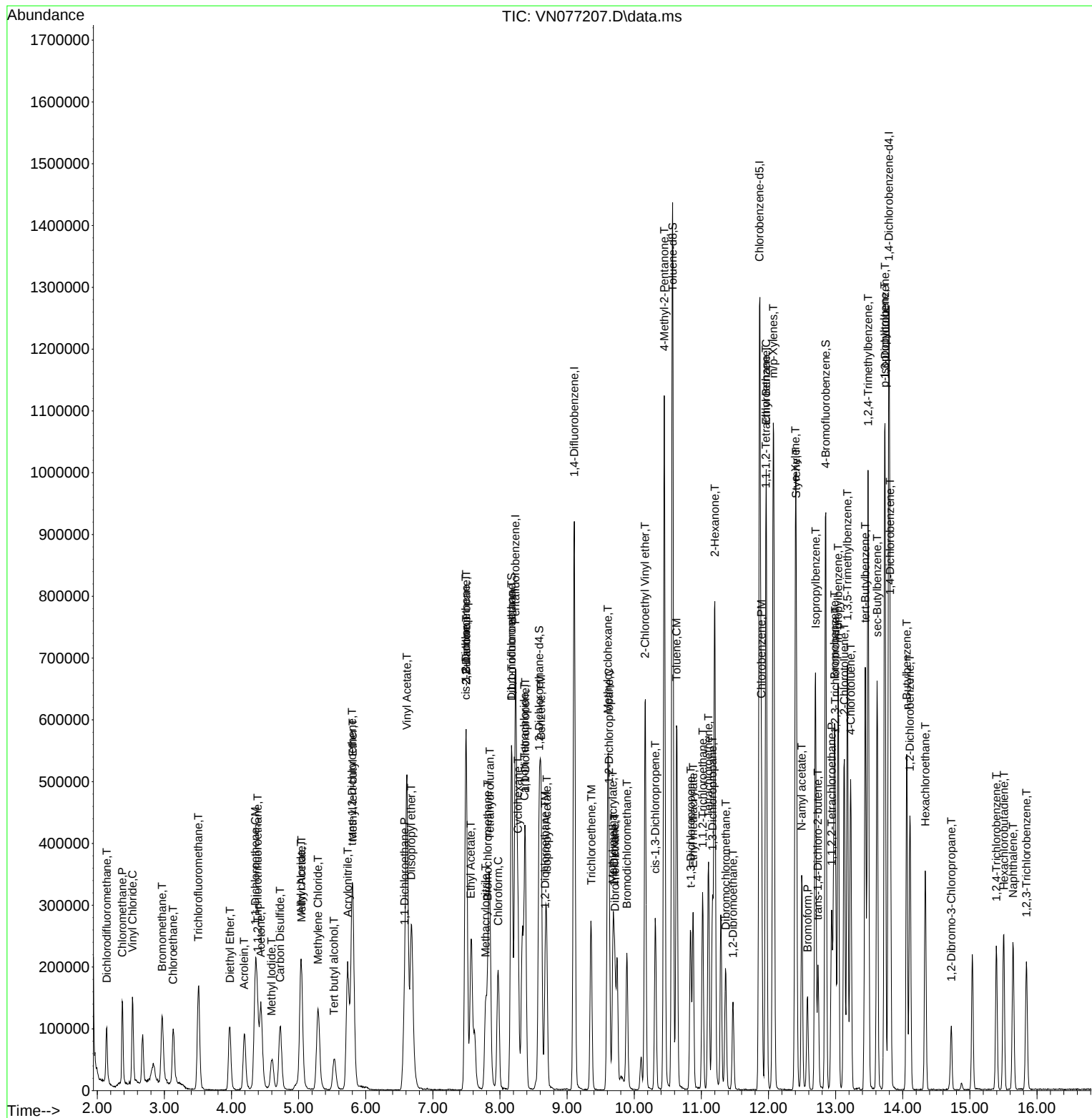
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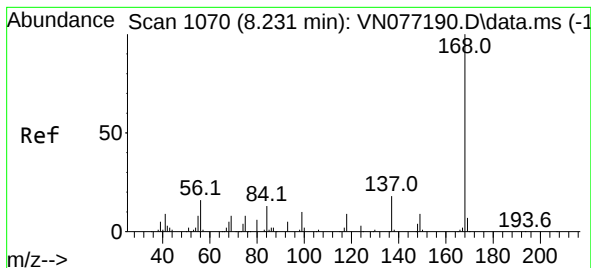
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 10

Delta R.T. -0.000 min

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Instrument :

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ClientSampleId :

VN0327WBS02

Tgt Ion:168 Resp: 440249

Ion Ratio Lower Upper

168 100

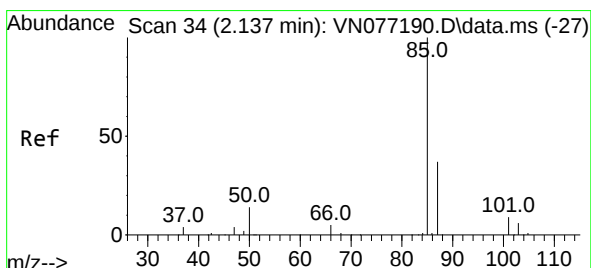
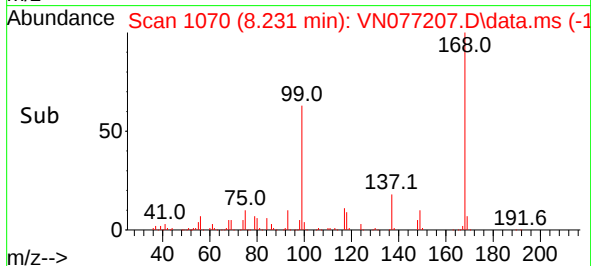
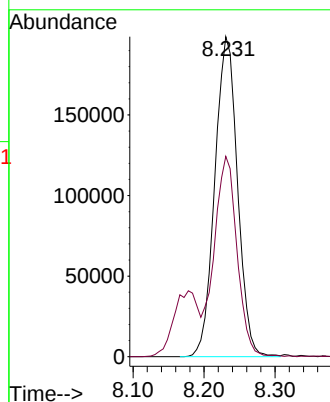
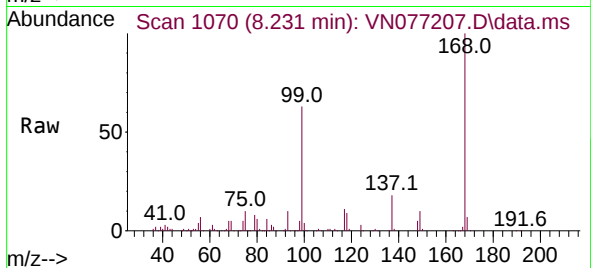
99 62.4 48.6 73.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 16.479 ug/l

RT: 2.143 min Scan# 35

Delta R.T. 0.006 min

Lab File: VN077207.D

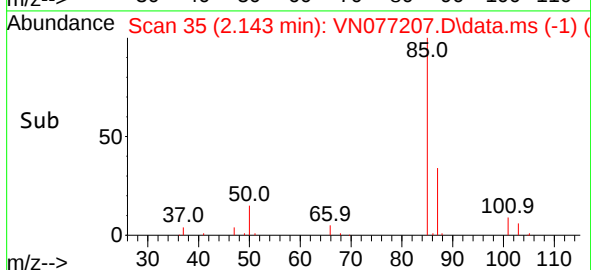
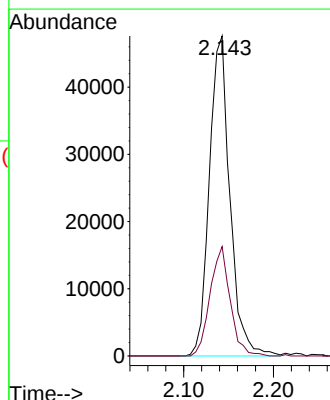
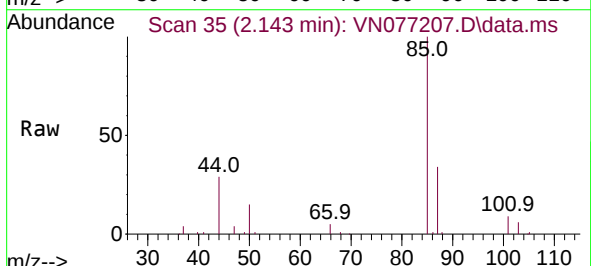
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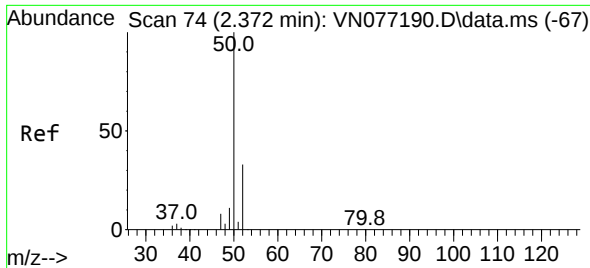
Tgt Ion: 85 Resp: 75679

Ion Ratio Lower Upper

85 100

87 34.2 16.2 48.6





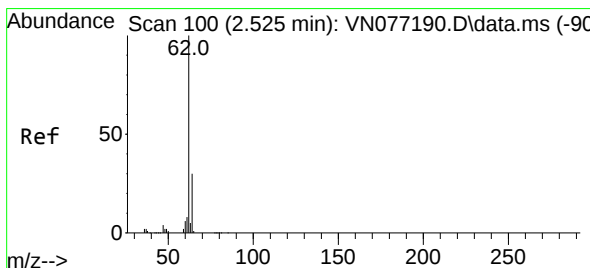
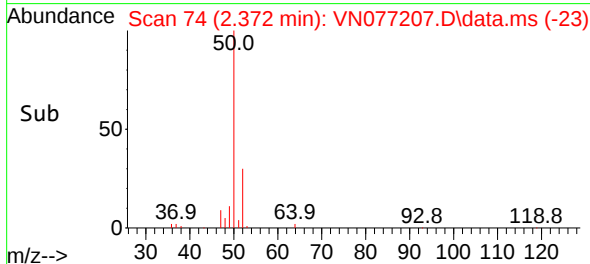
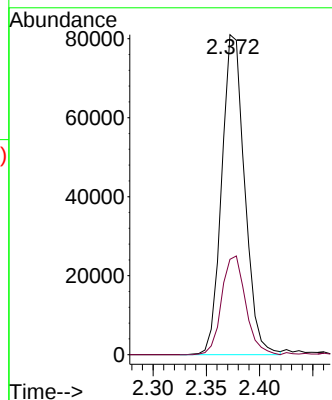
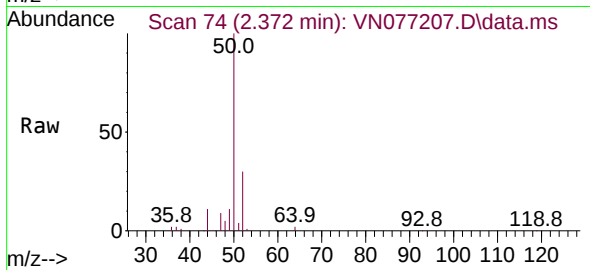
#3
Chloromethane
Concen: 18.766 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
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Tgt Ion: 50 Resp: 120899
Ion Ratio Lower Upper
50 100
52 29.8 27.9 41.9

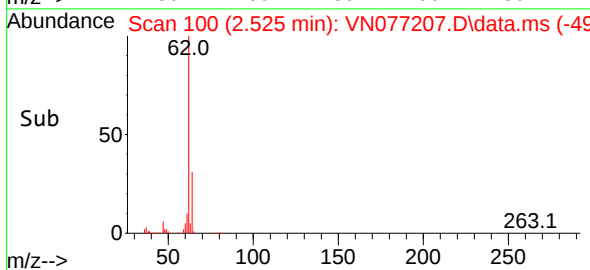
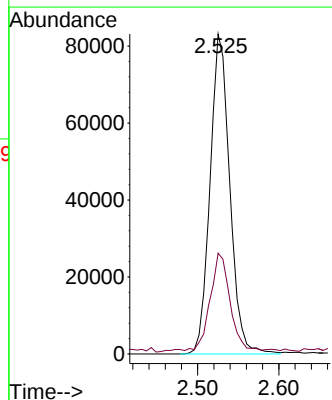
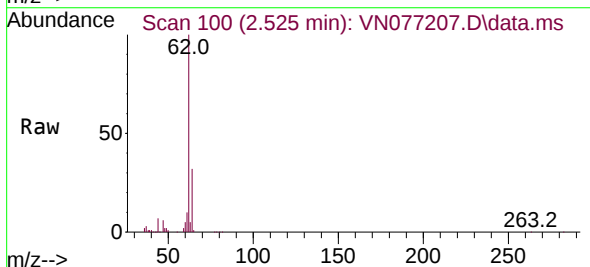
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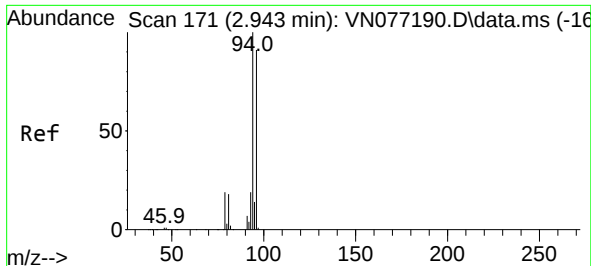
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#4
Vinyl Chloride
Concen: 19.281 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

Tgt Ion: 62 Resp: 140309
Ion Ratio Lower Upper
62 100
64 30.5 24.5 36.7





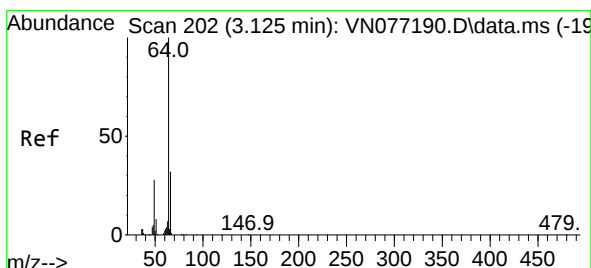
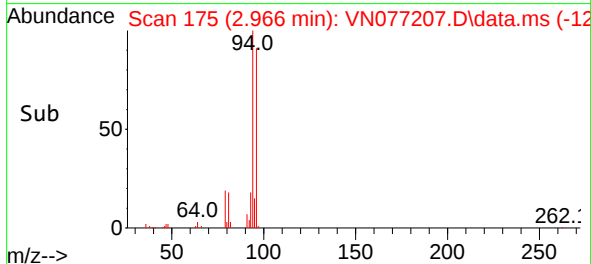
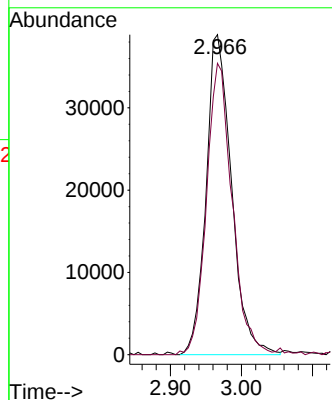
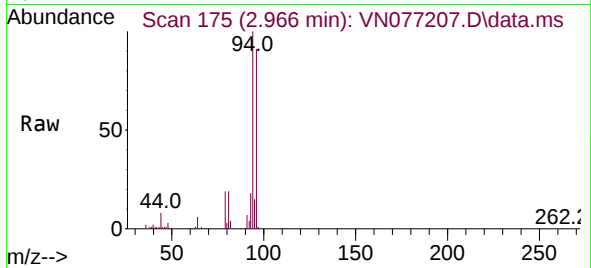
#5
Bromomethane
Concen: 16.665 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN077207.D
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Tgt Ion: 94 Resp: 96798
Ion Ratio Lower Upper
94 100
96 89.9 79.0 118.6

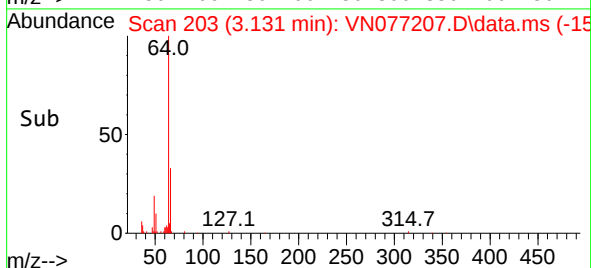
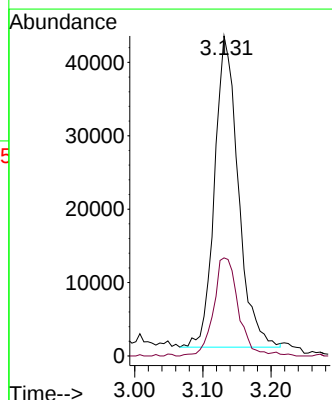
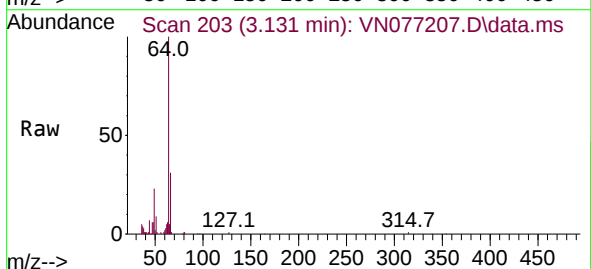
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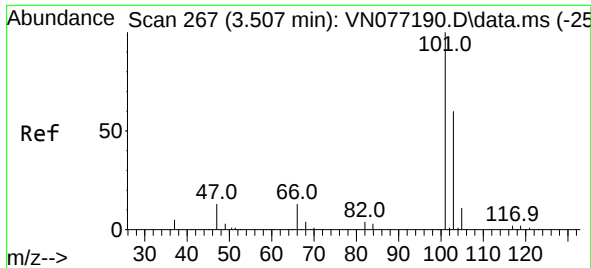
Reviewed By :John Carlone 03/28/2023
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#6
Chloroethane
Concen: 16.242 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

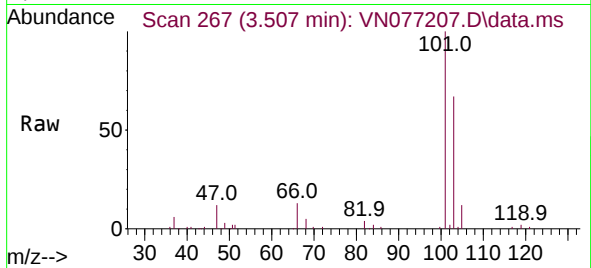
Tgt Ion: 64 Resp: 102468
Ion Ratio Lower Upper
64 100
66 31.5 26.2 39.4





#7
Trichlorofluoromethane
Concen: 16.520 ug/l
RT: 3.507 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN077207.D
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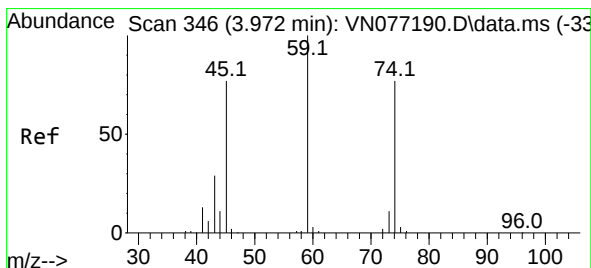
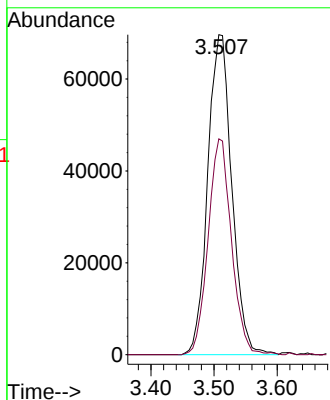
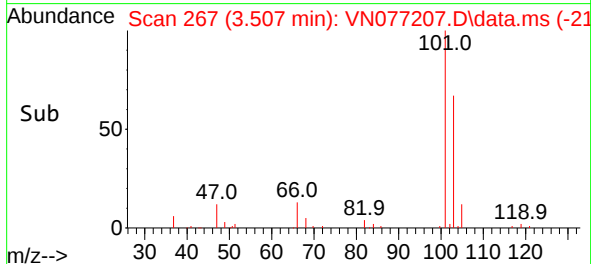
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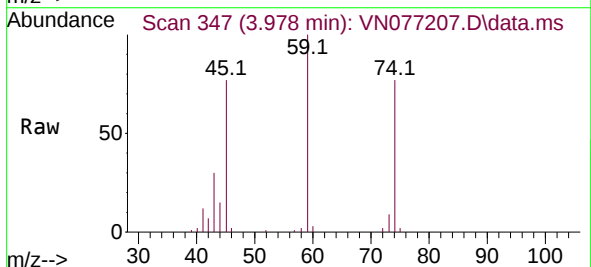
Tgt Ion:101 Resp: 184339
Ion Ratio Lower Upper
101 100
103 67.4 53.4 80.0

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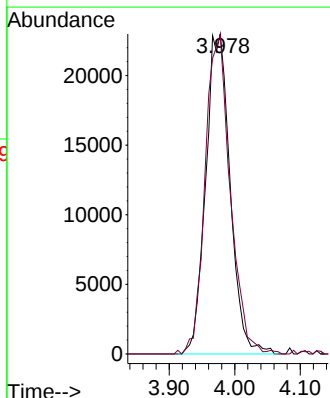
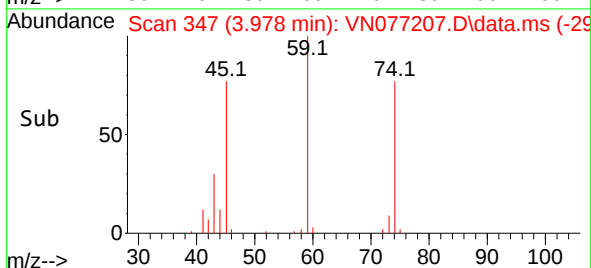
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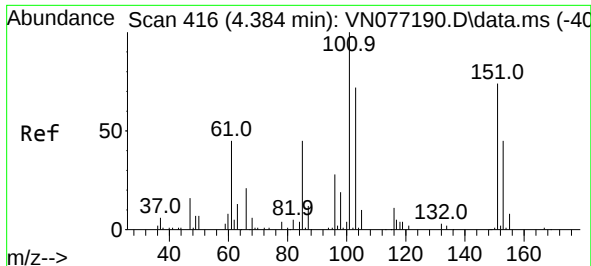


#8
Diethyl Ether
Concen: 16.239 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41



Tgt Ion: 74 Resp: 59642
Ion Ratio Lower Upper
74 100
45 102.1 35.5 106.5





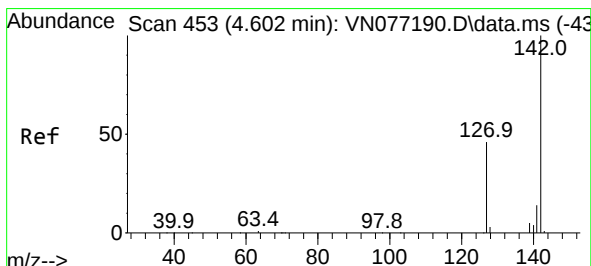
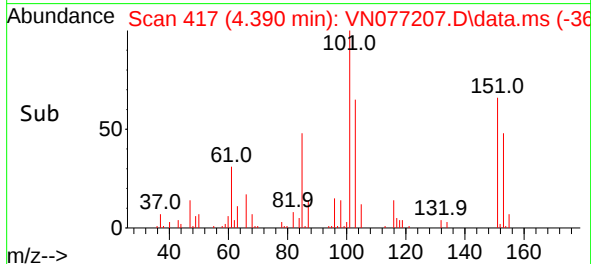
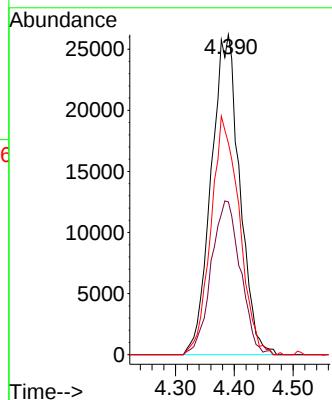
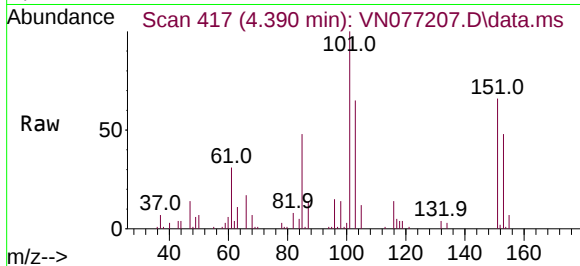
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.477 ug/l
RT: 4.390 min Scan# 416
Delta R.T. 0.006 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02

Tgt Ion:101 Resp: 8824
Ion Ratio Lower Upper
101 100
85 49.2 35.2 52.8
151 73.9 58.9 88.3

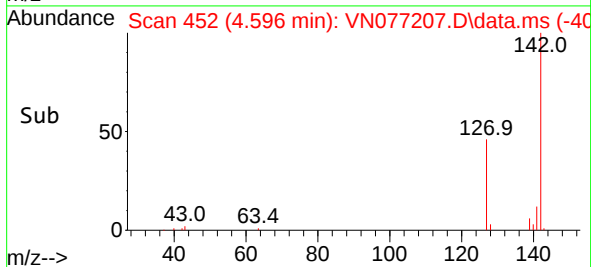
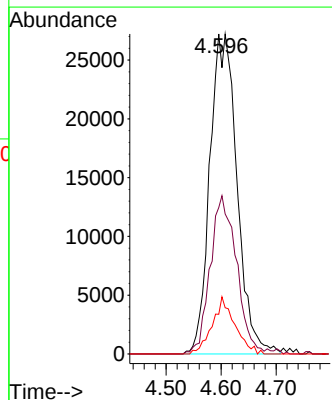
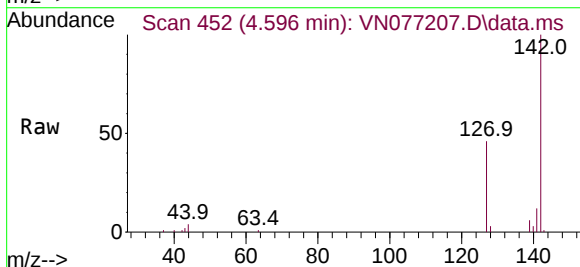
Manual Integrations
APPROVED

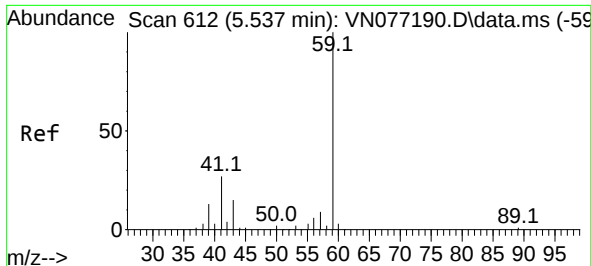
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#10
Methyl Iodide
Concen: 17.395 ug/l
RT: 4.596 min Scan# 452
Delta R.T. -0.006 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

Tgt Ion:142 Resp: 93729
Ion Ratio Lower Upper
142 100
127 45.7 35.2 52.8
141 12.4 10.2 15.2





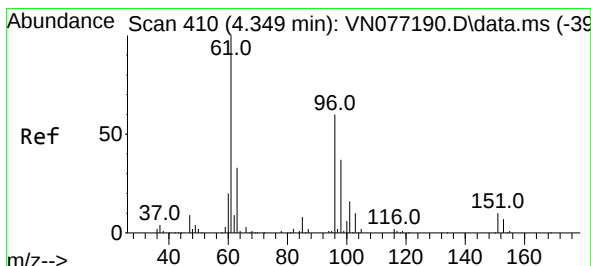
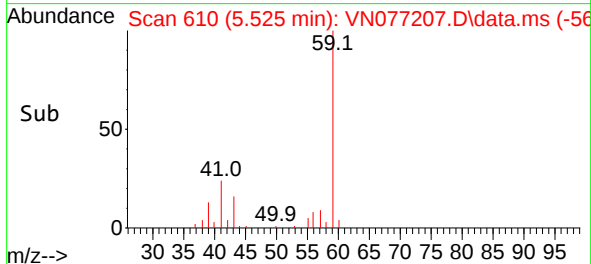
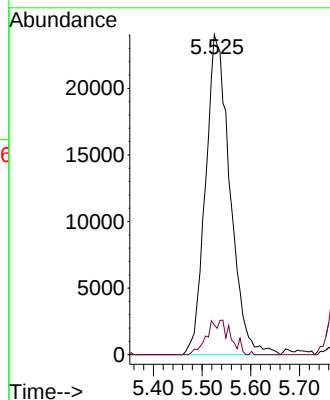
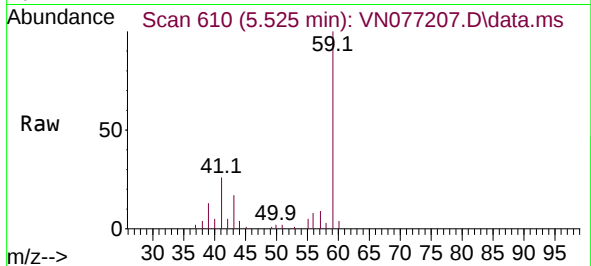
#11
Tert butyl alcohol
Concen: 89.246 ug/l
RT: 5.525 min Scan# 612
Delta R.T. -0.012 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02

Tgt Ion: 59 Resp: 83725
Ion Ratio Lower Upper
59 100
57 5.0 8.6 12.8

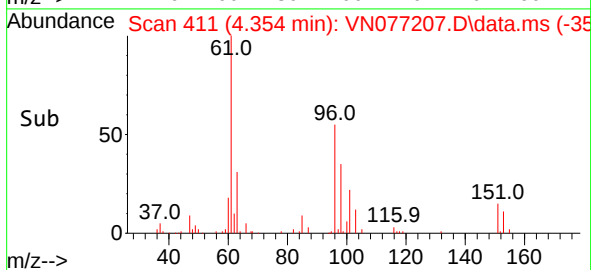
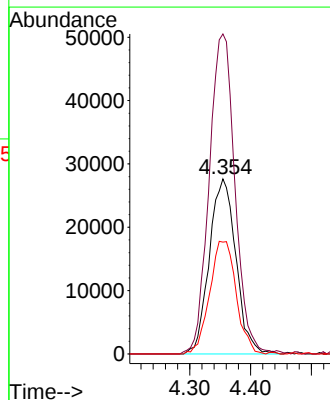
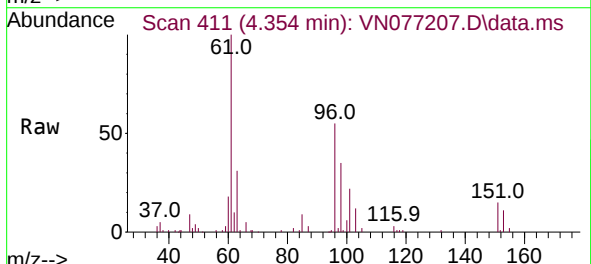
Manual Integrations
APPROVED

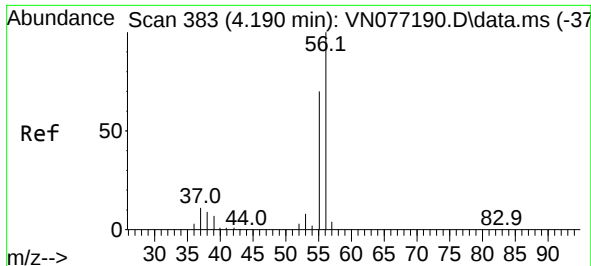
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#12
1,1-Dichloroethene
Concen: 18.445 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.005 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

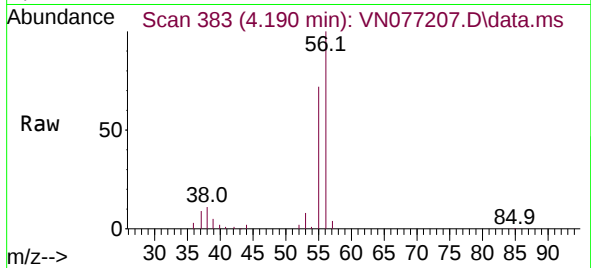
Tgt Ion: 96 Resp: 83788
Ion Ratio Lower Upper
96 100
61 182.8 121.3 181.9#
98 63.9 52.1 78.1





#13
Acrolein
Concen: 89.858 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

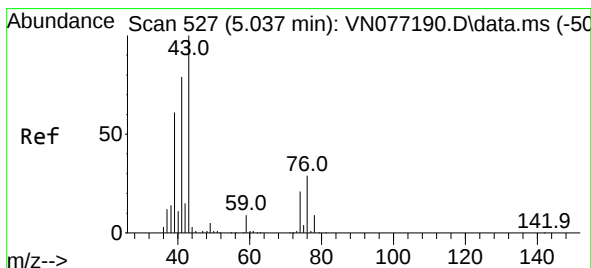
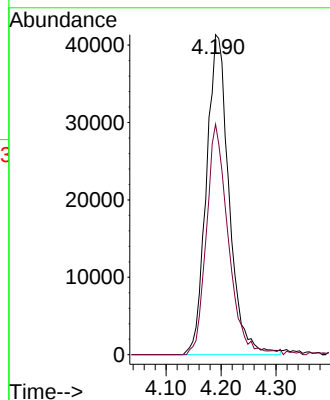
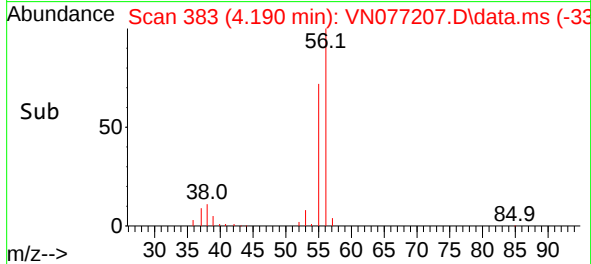
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02



Tgt Ion: 56 Resp: 118236
Ion Ratio Lower Upper
56 100
55 69.2 56.7 85.1

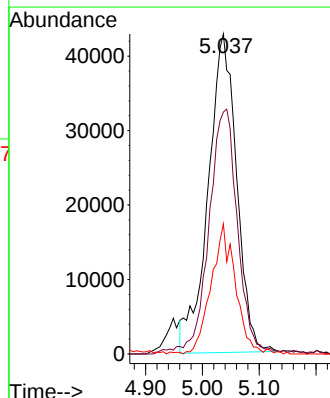
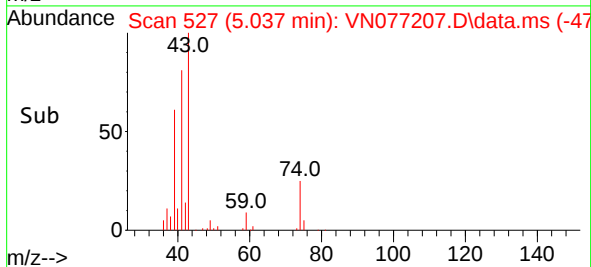
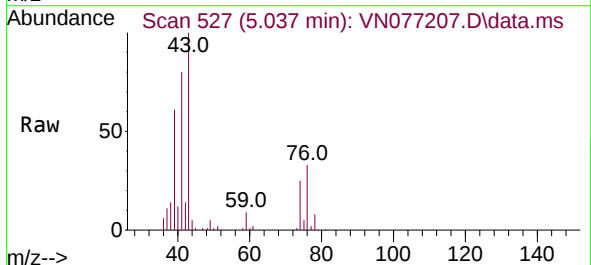
Manual Integrations
APPROVED

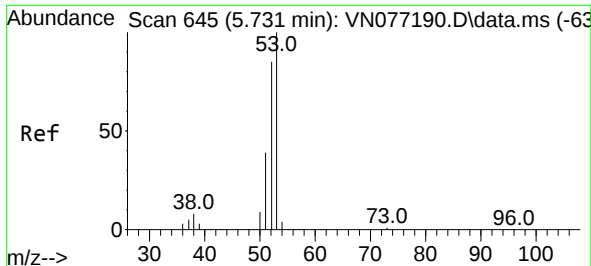
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#14
Allyl chloride
Concen: 17.434 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

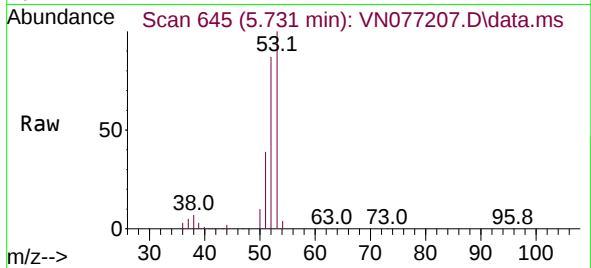
Tgt Ion: 41 Resp: 148785
Ion Ratio Lower Upper
41 100
39 77.3 68.1 102.1
76 34.7 44.1 66.1#





#15
Acrylonitrile
Concen: 89.985 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

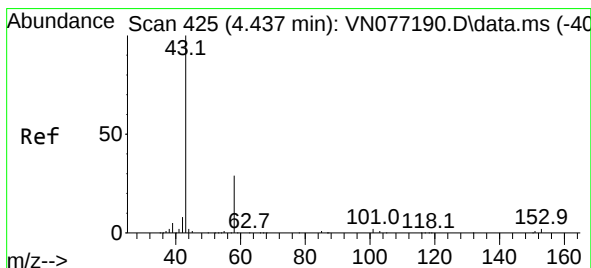
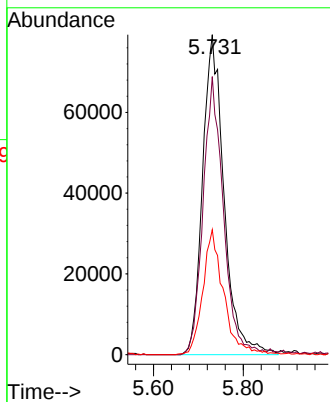
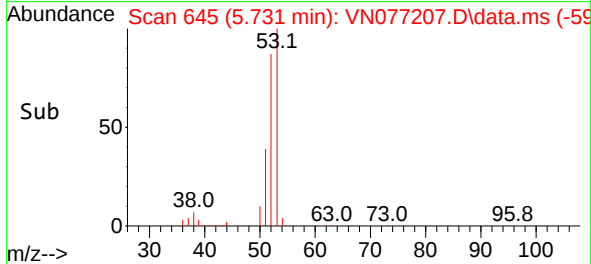
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02



Tgt Ion: 53 Resp: 26317
Ion Ratio Lower Upper
53 100
52 82.0 65.3 97.9
51 37.9 28.8 43.2

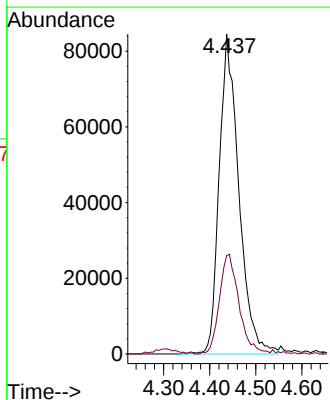
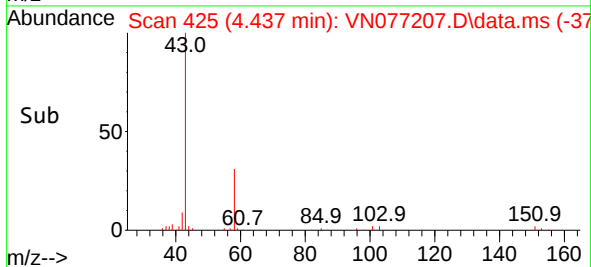
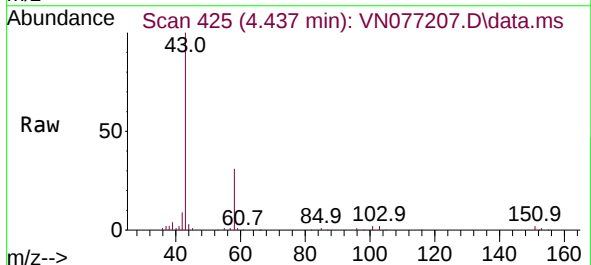
Manual Integrations
APPROVED

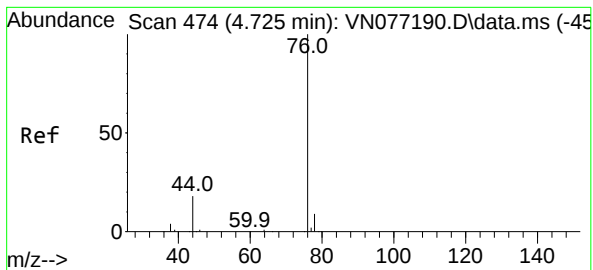
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#16
Acetone
Concen: 97.494 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

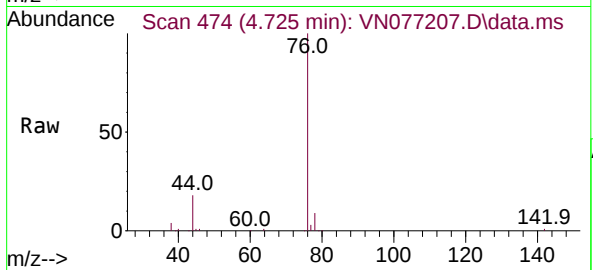
Tgt Ion: 43 Resp: 249527
Ion Ratio Lower Upper
43 100
58 30.1 28.2 42.2





#17
Carbon Disulfide
Concen: 18.359 ug/l
RT: 4.725 min Scan# 474
Delta R.T. 0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

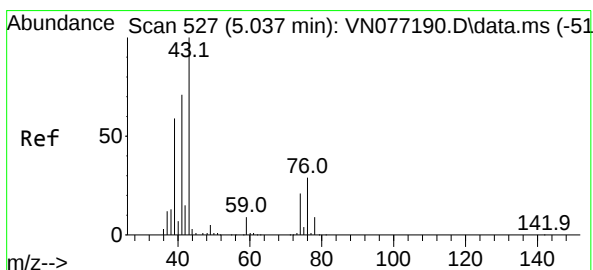
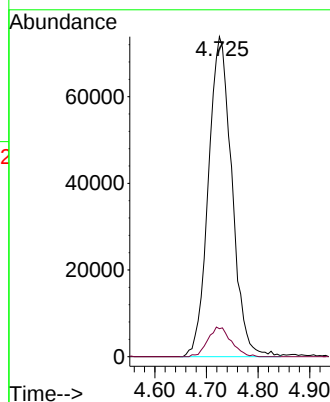
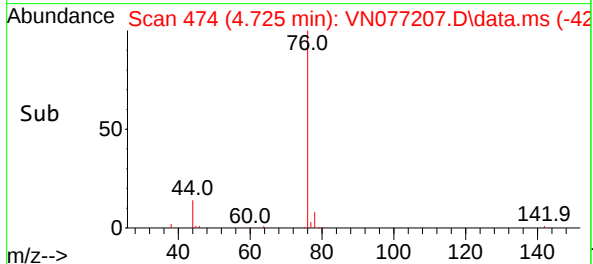
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02



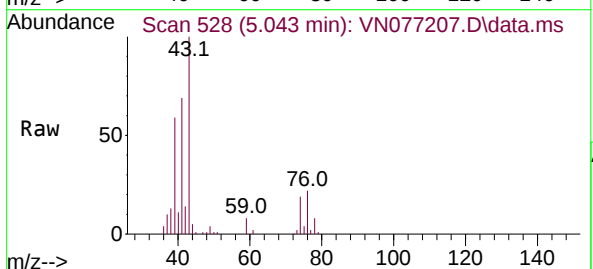
Tgt Ion: 76 Resp: 233360
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.8

Manual Integrations
APPROVED

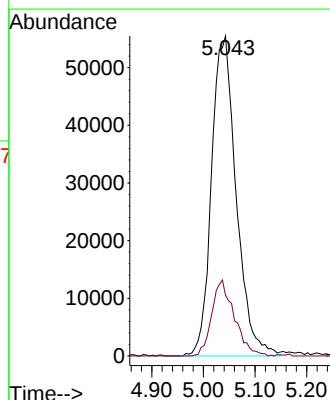
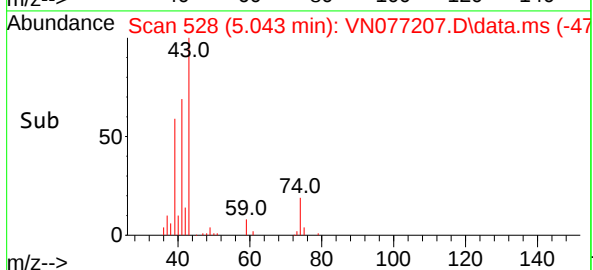
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

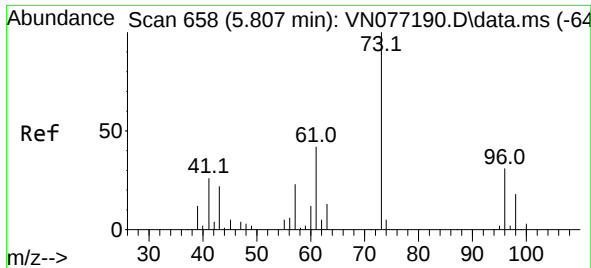


#18
Methyl Acetate
Concen: 18.000 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41



Tgt Ion: 43 Resp: 184313
Ion Ratio Lower Upper
43 100
74 21.7 25.9 38.9#





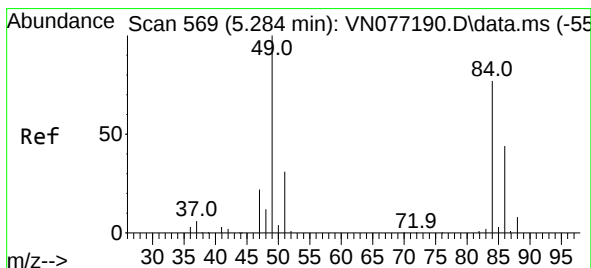
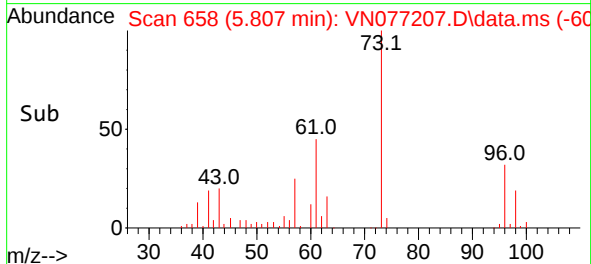
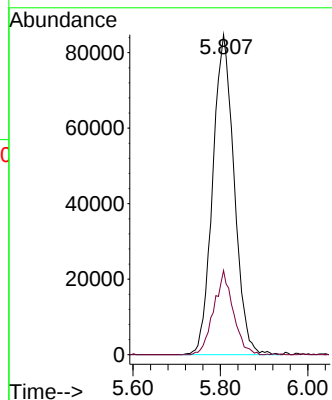
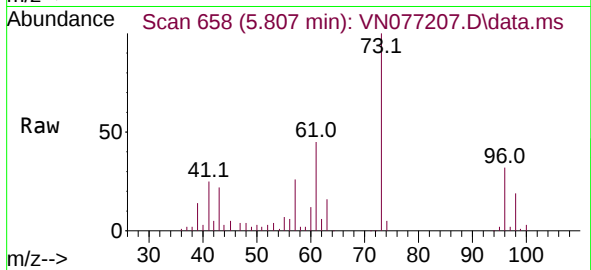
#19
Methyl tert-butyl Ether
Concen: 17.865 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02

Tgt Ion: 73 Resp: 288478
Ion Ratio Lower Upper
73 100
57 26.3 16.1 24.1

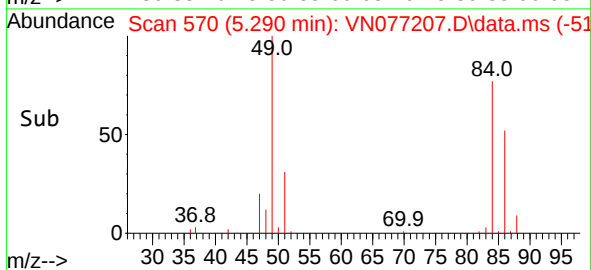
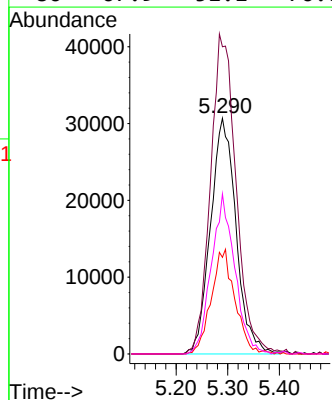
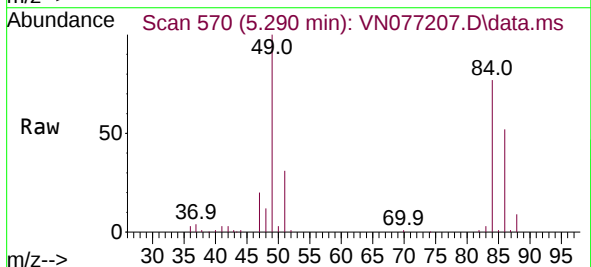
Manual Integrations
APPROVED

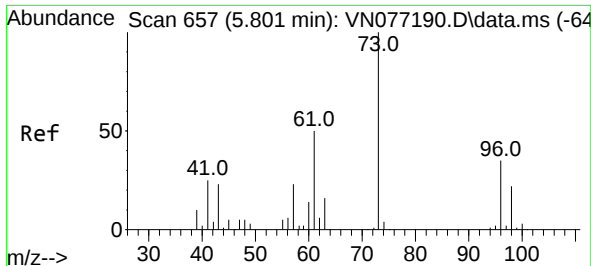
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#20
Methylene Chloride
Concen: 18.491 ug/l
RT: 5.290 min Scan# 570
Delta R.T. 0.006 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

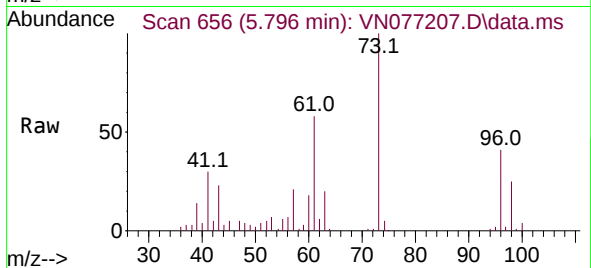
Tgt Ion: 84 Resp: 105387
Ion Ratio Lower Upper
84 100
49 130.4 76.6 114.8#
51 41.0 25.4 38.2#
86 67.9 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 18.256 ug/l
RT: 5.796 min Scan# 610
Delta R.T. -0.005 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

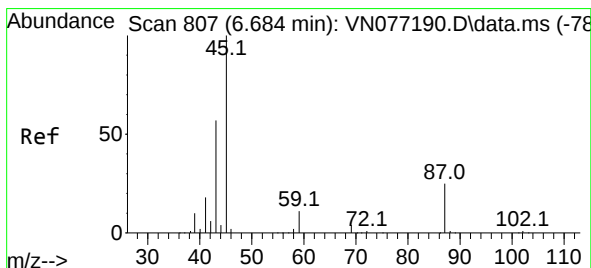
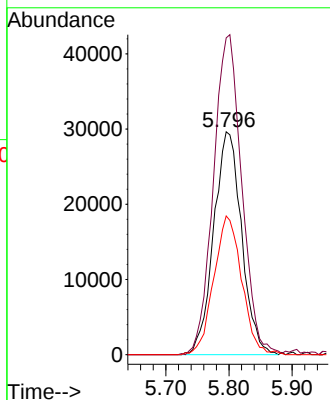
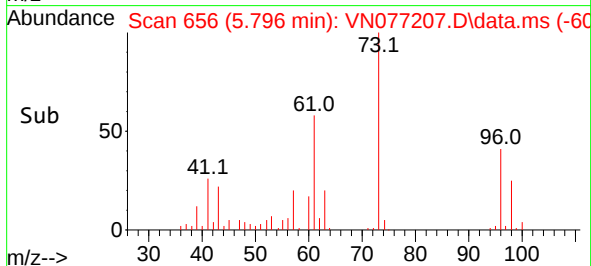
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02



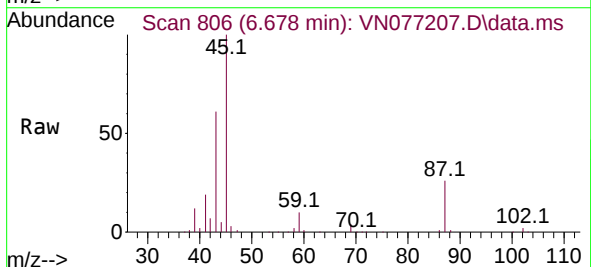
Tgt Ion: 96 Resp: 9100
Ion Ratio Lower Upper
96 100
61 142.1 95.0 142.6
98 62.2 54.5 81.7

Manual Integrations
APPROVED

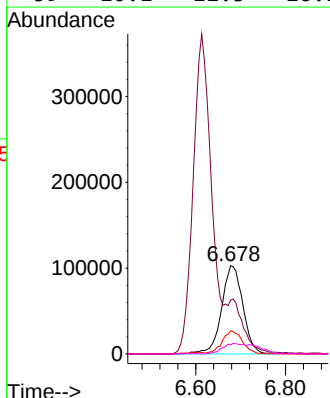
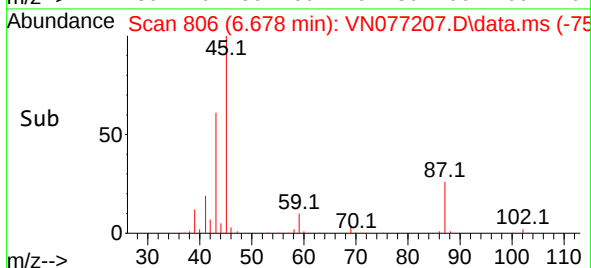
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

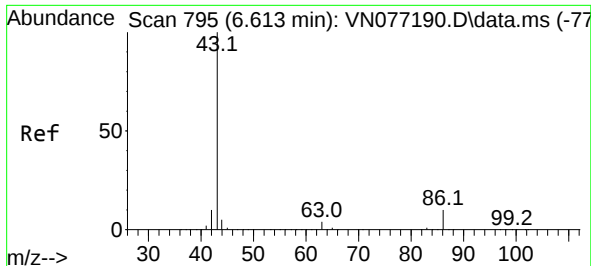


#22
Diisopropyl ether
Concen: 18.473 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41



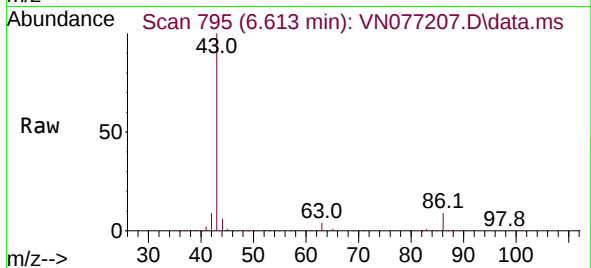
Tgt Ion: 45 Resp: 339810
Ion Ratio Lower Upper
45 100
43 59.2 42.6 63.8
87 26.1 29.7 44.5#
59 10.1 11.3 16.9#





#23
 Vinyl Acetate
 Concen: 91.306 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077207.D
 Acq: 27 Mar 2023 17:41

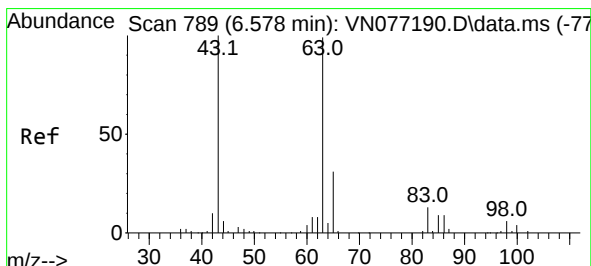
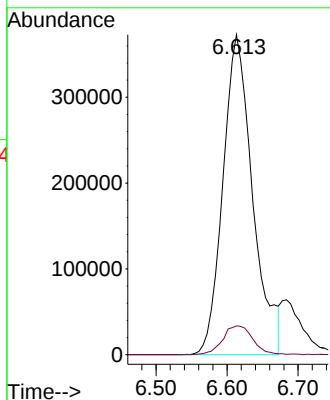
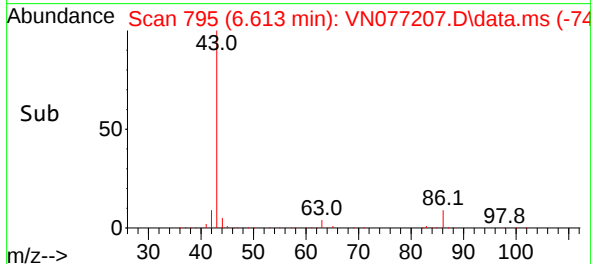
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBS02



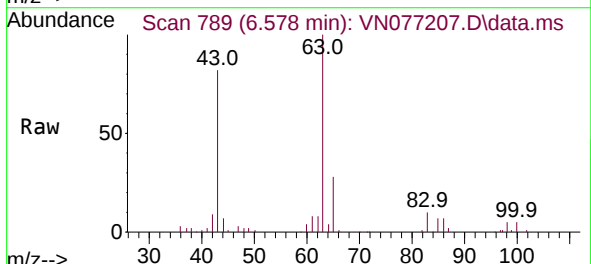
Tgt Ion: 43 Resp: 108379
 Ion Ratio Lower Upper
 43 100
 86 9.0 11.8 17.6

Manual Integrations
 APPROVED

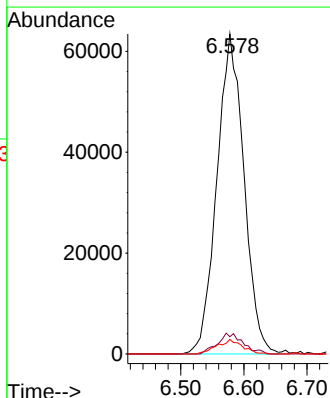
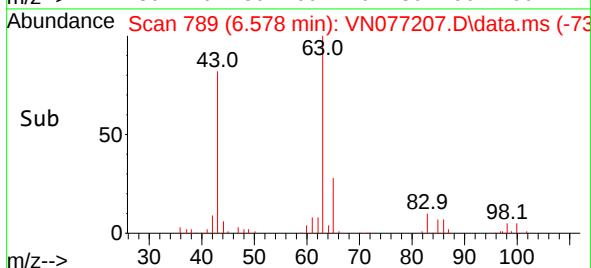
Reviewed By :John Carlone 03/28/2023
 Supervised By :Semsettin Yesilyurt 03/28/2023

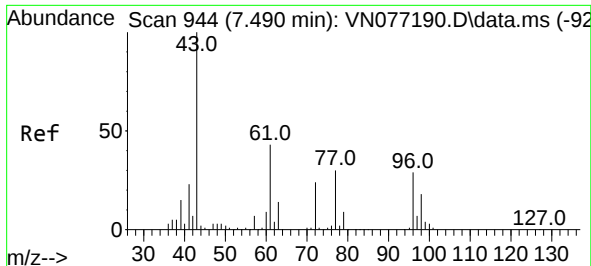


#24
 1,1-Dichloroethane
 Concen: 18.374 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077207.D
 Acq: 27 Mar 2023 17:41



Tgt Ion: 63 Resp: 188963
 Ion Ratio Lower Upper
 63 100
 98 5.4 4.2 12.6
 100 4.6 2.2 6.6





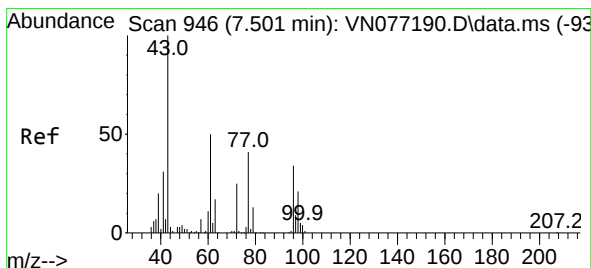
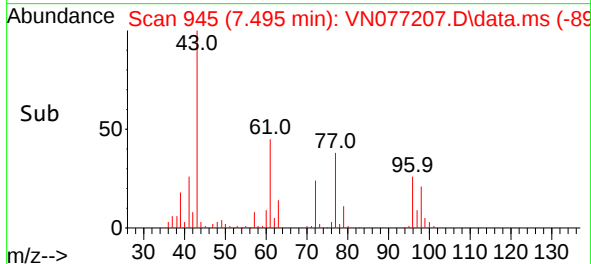
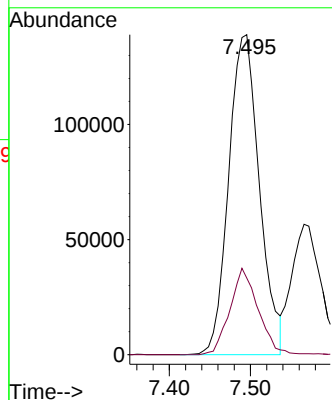
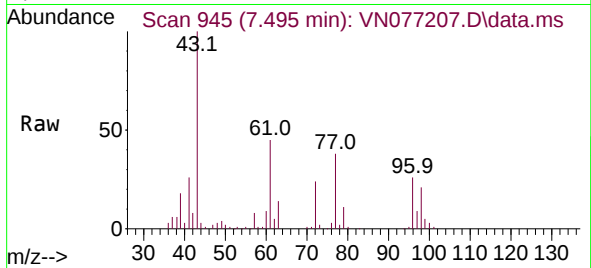
#25
2-Butanone
Concen: 91.395 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

Instrument :
MSVOA_N
Client Sample Id :
VN0327WBS02

Tgt Ion: 43 Resp: 36575
Ion Ratio Lower Upper
43 100
72 24.0 28.8 43.2

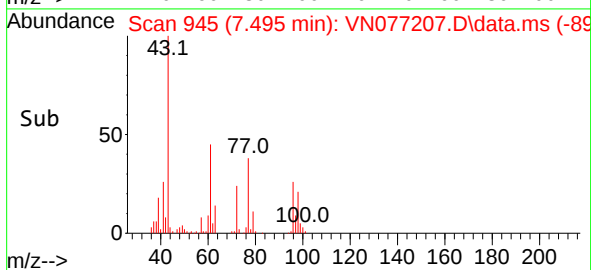
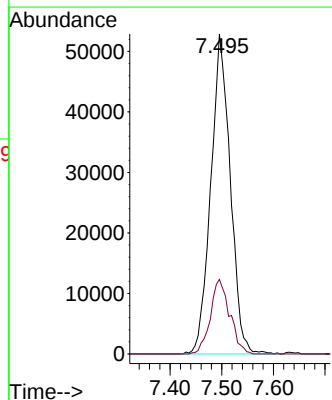
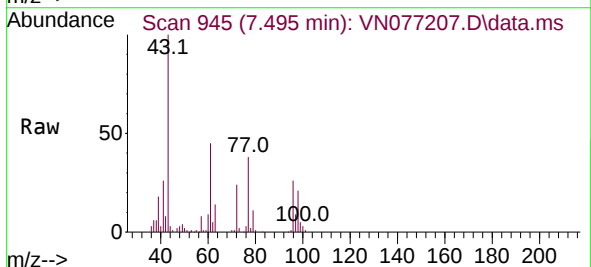
Manual Integrations
APPROVED

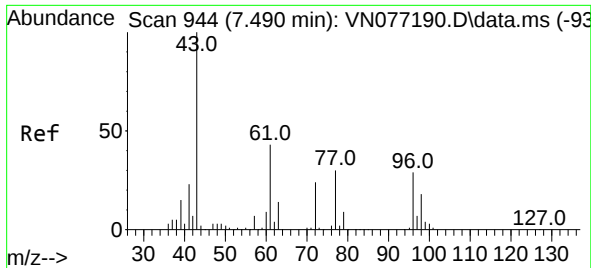
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#26
2,2-Dichloropropane
Concen: 19.524 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

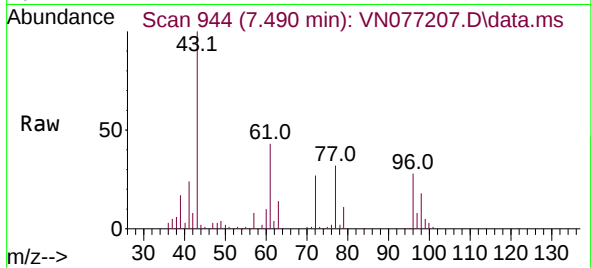
Tgt Ion: 77 Resp: 138463
Ion Ratio Lower Upper
77 100
97 23.1 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 18.136 ug/l
RT: 7.490 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

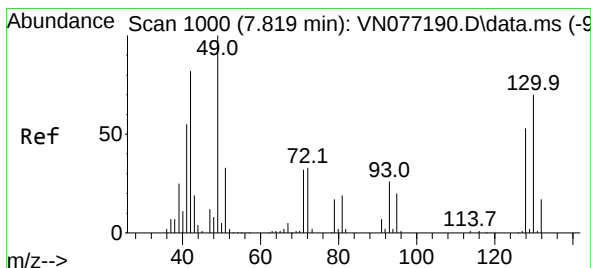
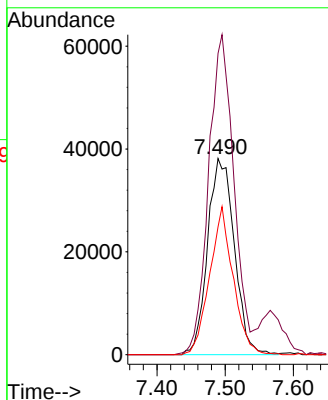
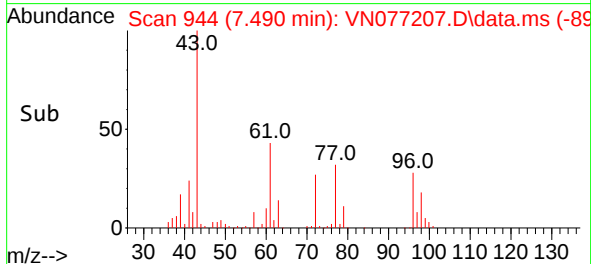
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02



Tgt Ion: 96 Resp: 104290
Ion Ratio Lower Upper
96 100
61 154.6 0.0 255.6
98 66.5 0.0 127.4

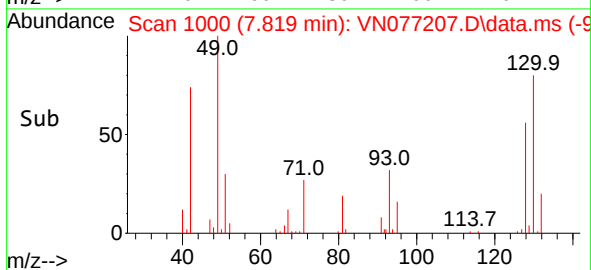
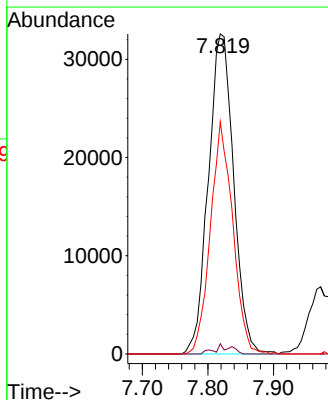
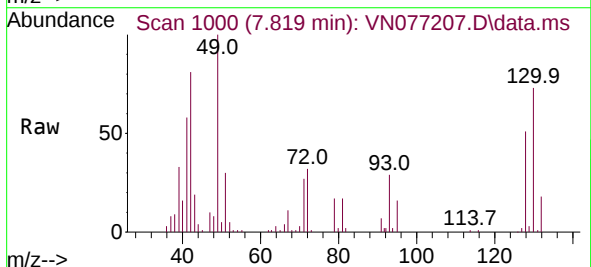
Manual Integrations
APPROVED

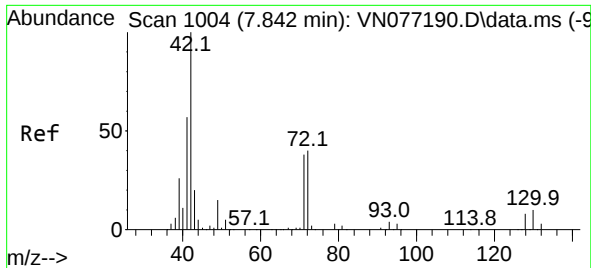
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#28
Bromochloromethane
Concen: 16.637 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

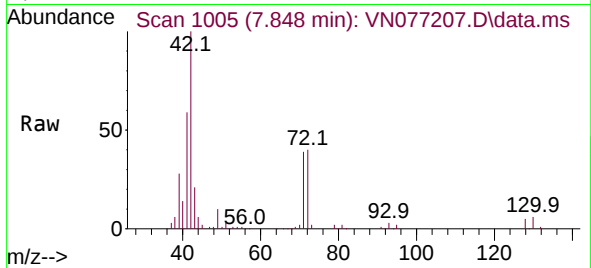
Tgt Ion: 49 Resp: 87252
Ion Ratio Lower Upper
49 100
129 1.3 0.0 4.6
130 64.2 74.8 112.2#





#29
Tetrahydrofuran
Concen: 91.984 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

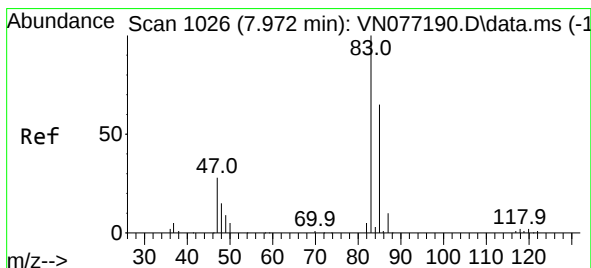
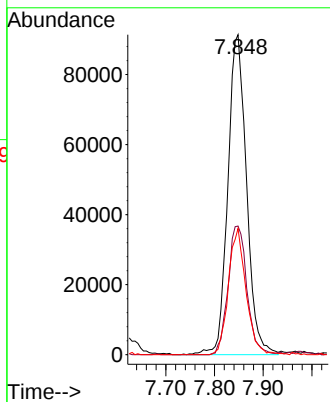
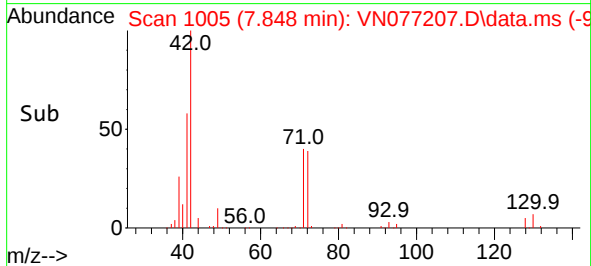
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02



Tgt Ion: 42 Resp: 24385
Ion Ratio Lower Upper
42 100
72 40.6 48.6 73.0
71 37.2 45.1 67.7

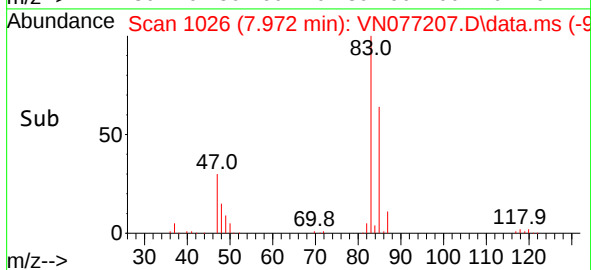
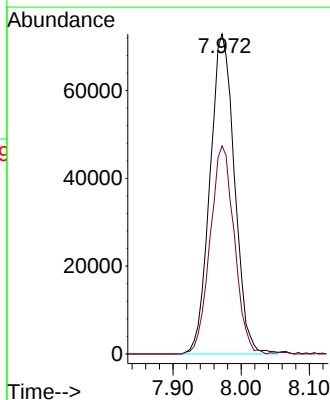
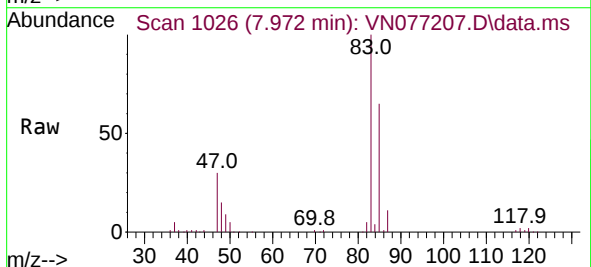
Manual Integrations
APPROVED

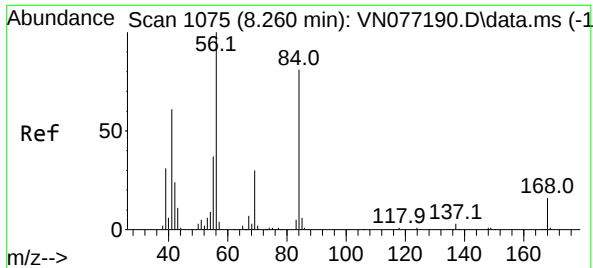
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#30
Chloroform
Concen: 18.014 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

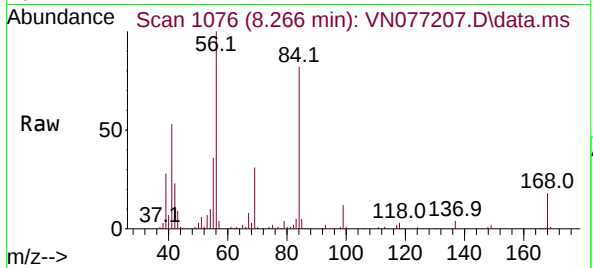
Tgt Ion: 83 Resp: 182467
Ion Ratio Lower Upper
83 100
85 65.0 51.3 76.9





#31
Cyclohexane
Concen: 18.590 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

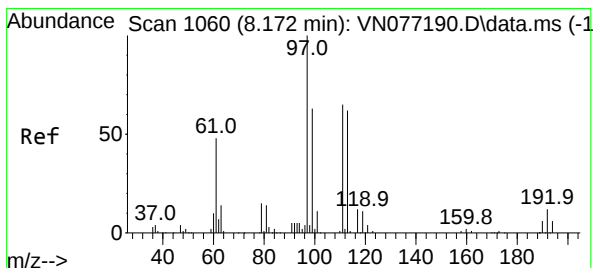
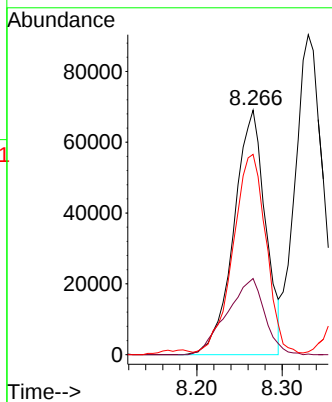
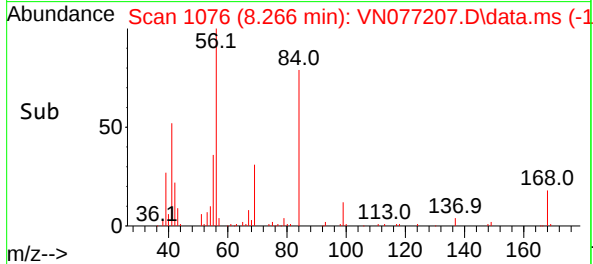
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02



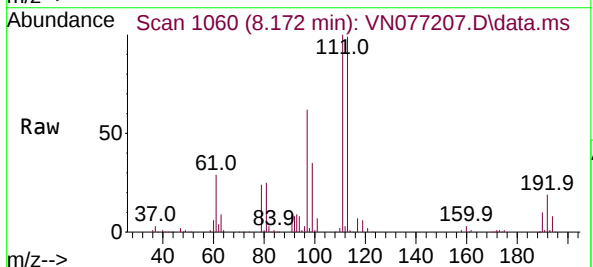
Tgt Ion: 56 Resp: 177760
Ion Ratio Lower Upper
56 100
69 31.2 27.0 40.6
84 79.8 82.9 124.3

Manual Integrations
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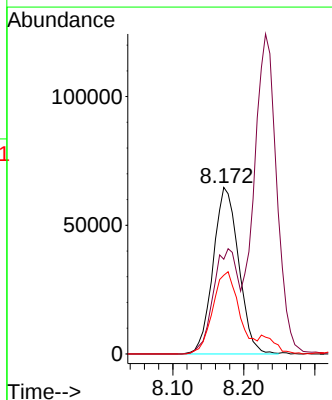
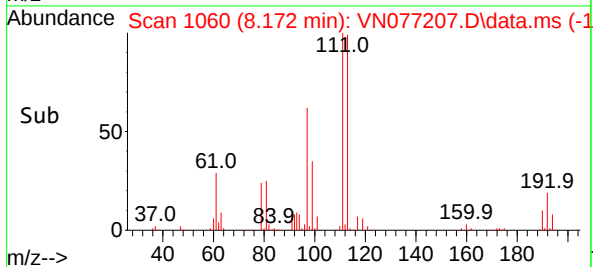
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

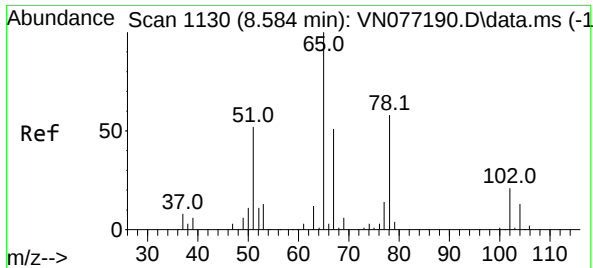


#32
1,1,1-Trichloroethane
Concen: 18.565 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41



Tgt Ion: 97 Resp: 161449
Ion Ratio Lower Upper
97 100
99 61.3 51.2 76.8
61 51.5 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 48.383 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077207.D

Acq: 27 Mar 2023 17:41

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBS02

Tgt Ion: 65 Resp: 33304

Ion Ratio Lower Upper

65 100

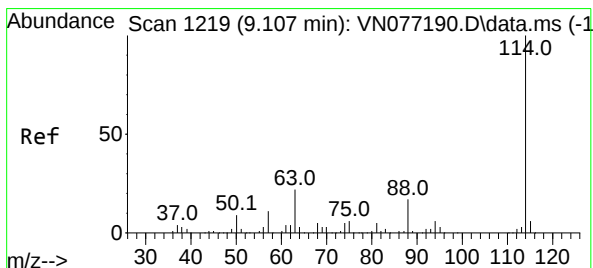
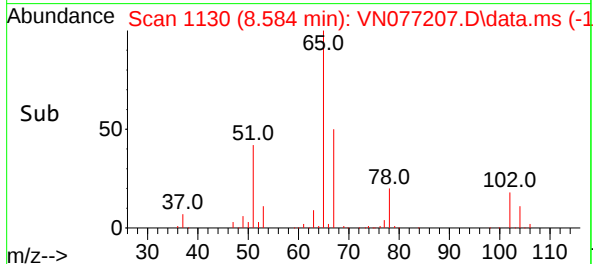
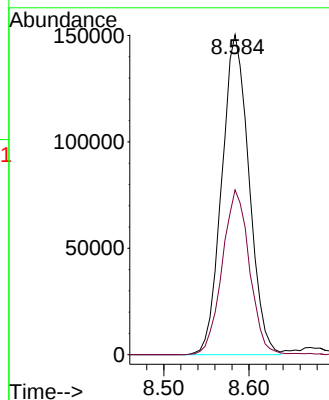
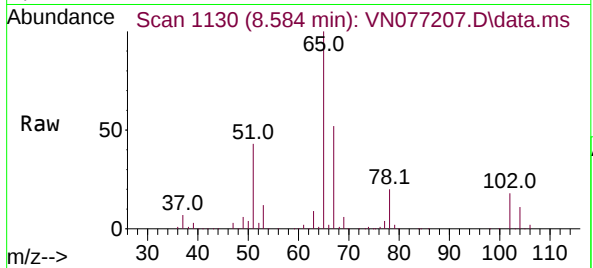
67 51.6 0.0 107.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077207.D

Acq: 27 Mar 2023 17:41

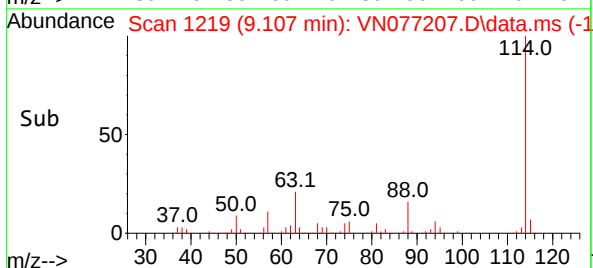
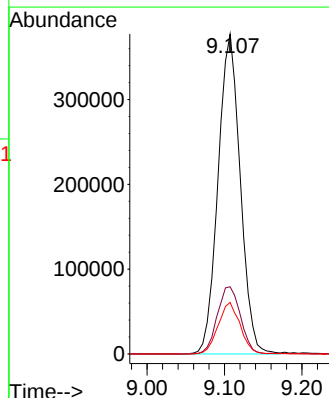
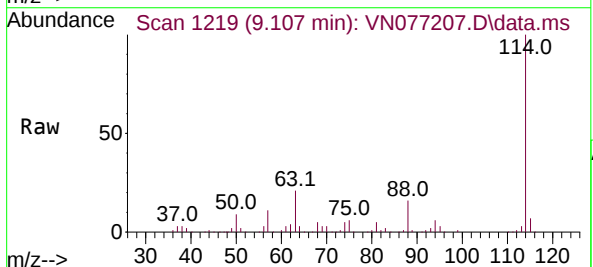
Tgt Ion:114 Resp: 751421

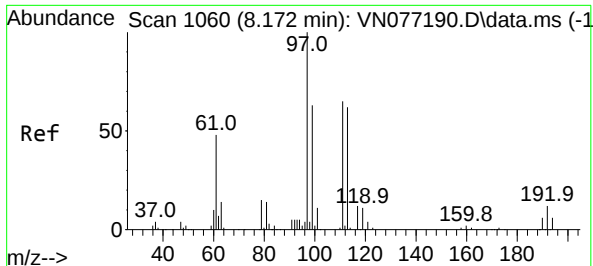
Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.6

88 16.1 0.0 28.6





#35

Dibromofluoromethane

Concen: 48.661 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077207.D

Acq: 27 Mar 2023 17:41

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBS02

Tgt Ion:113 Resp: 248110

Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.8

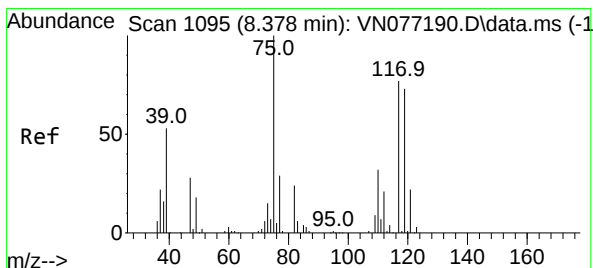
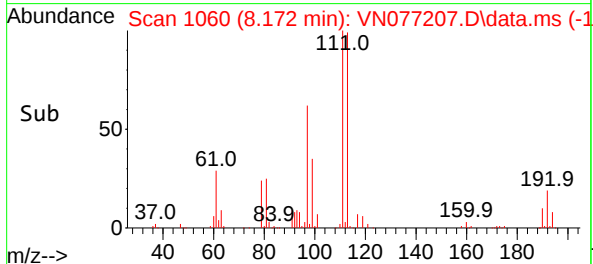
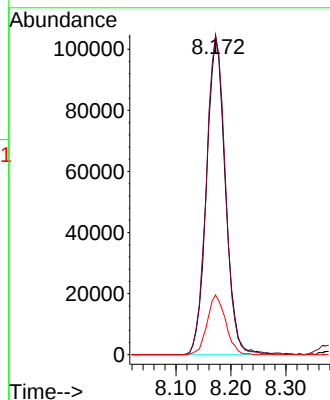
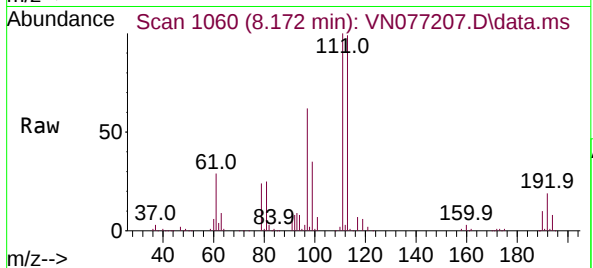
192 18.4 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#36

1,1-Dichloropropene

Concen: 19.061 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN077207.D

Acq: 27 Mar 2023 17:41

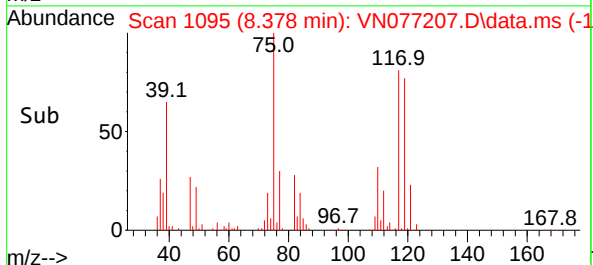
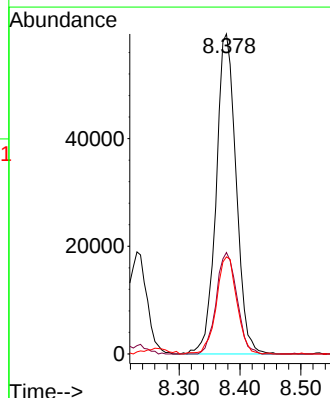
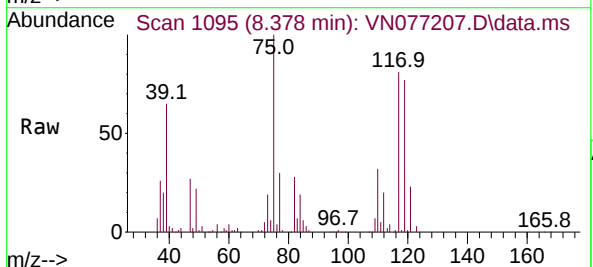
Tgt Ion: 75 Resp: 135260

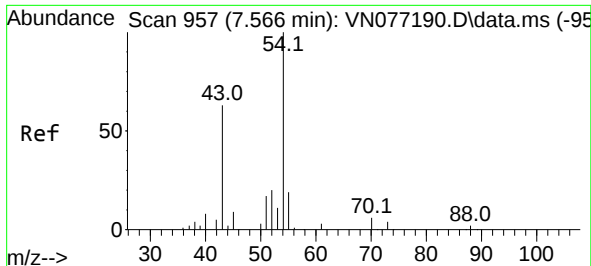
Ion Ratio Lower Upper

75 100

110 32.8 18.9 56.9

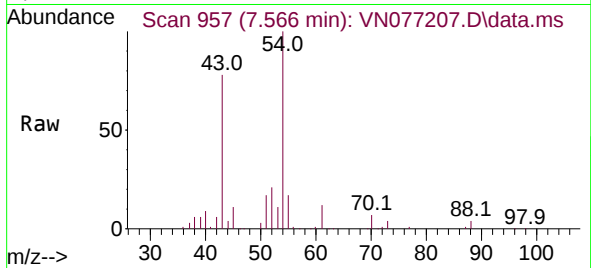
77 31.2 24.9 37.3





#37
Ethyl Acetate
Concen: 18.697 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

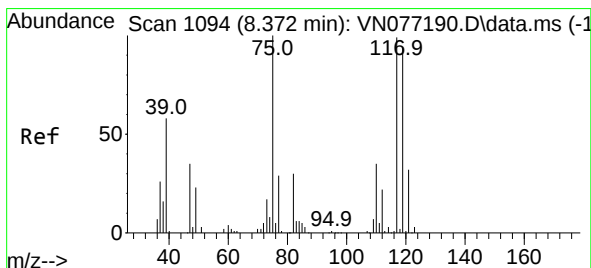
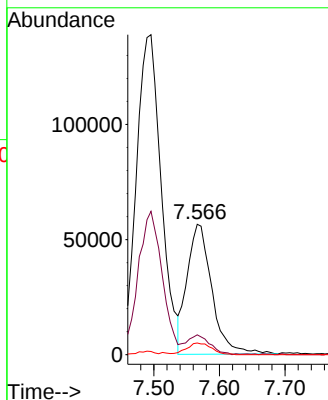
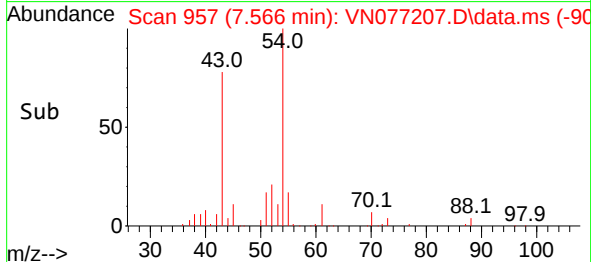
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02



Tgt Ion: 43 Resp: 147889
Ion Ratio Lower Upper
43 100
61 13.1 13.5 20.3
70 9.0 11.0 16.6

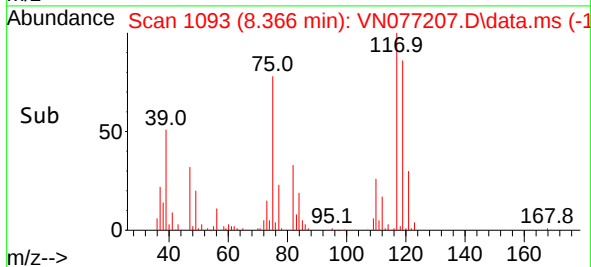
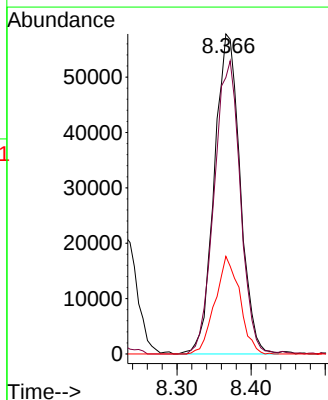
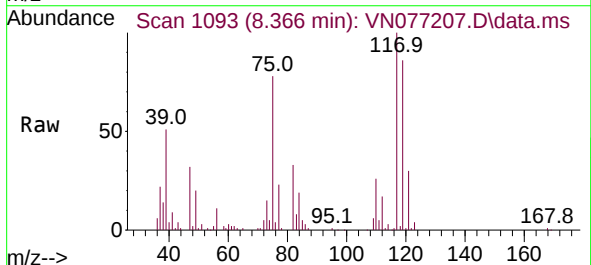
Manual Integrations
APPROVED

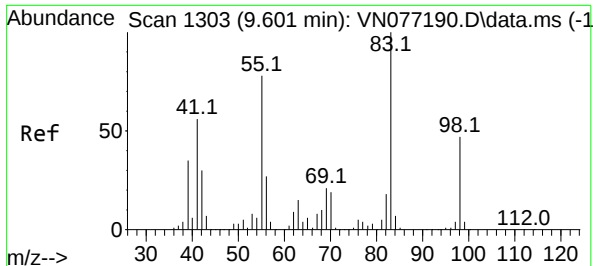
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#38
Carbon Tetrachloride
Concen: 19.390 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

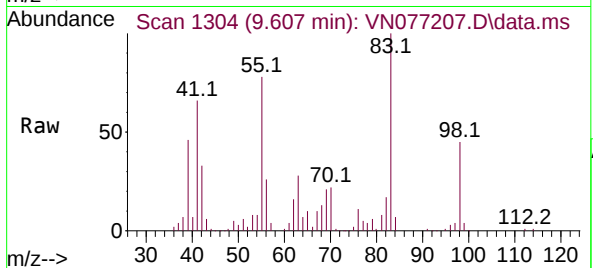
Tgt Ion:117 Resp: 139514
Ion Ratio Lower Upper
117 100
119 86.4 76.9 115.3
121 30.5 23.2 34.8





#39
Methylcyclohexane
Concen: 19.586 ug/l
RT: 9.607 min Scan# 11304
Delta R.T. 0.006 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

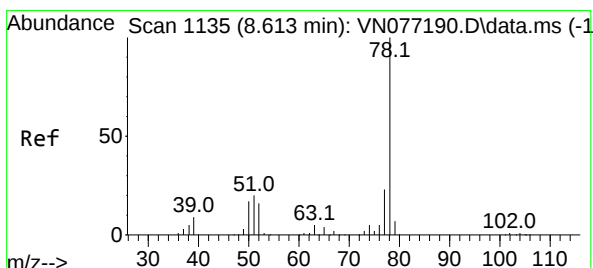
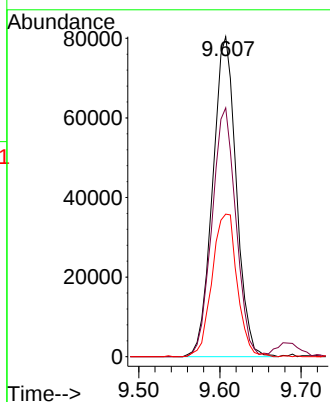
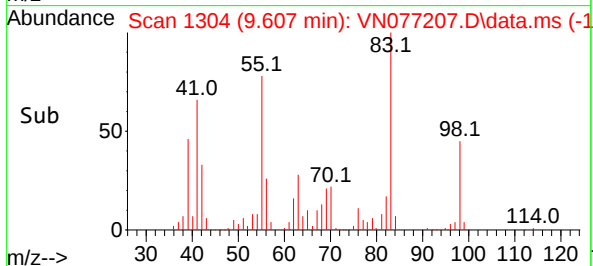
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02



Tgt Ion: 83 Resp: 162332
Ion Ratio Lower Upper
83 100
55 77.7 47.0 70.4
98 44.6 39.4 59.0

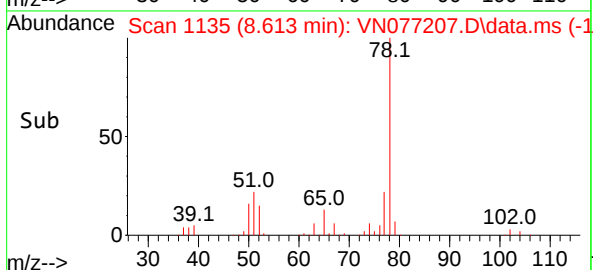
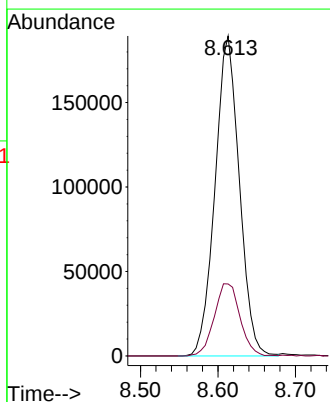
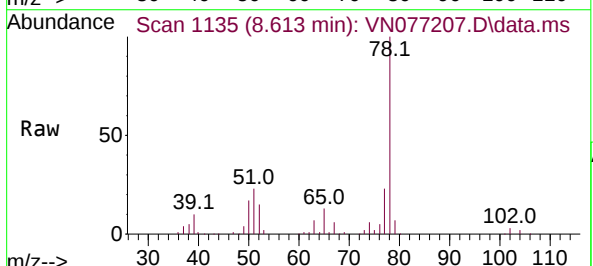
Manual Integrations
APPROVED

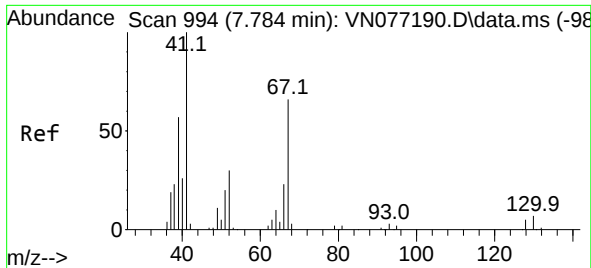
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#40
Benzene
Concen: 19.005 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

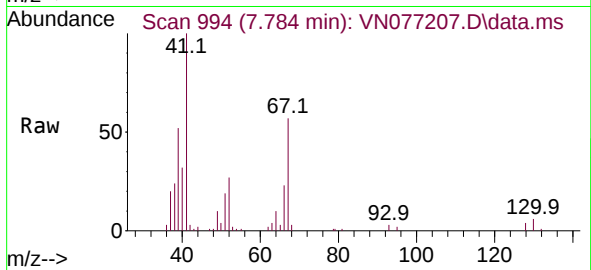
Tgt Ion: 78 Resp: 413315
Ion Ratio Lower Upper
78 100
77 22.5 19.3 28.9





#41
Methacrylonitrile
Concen: 18.517 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

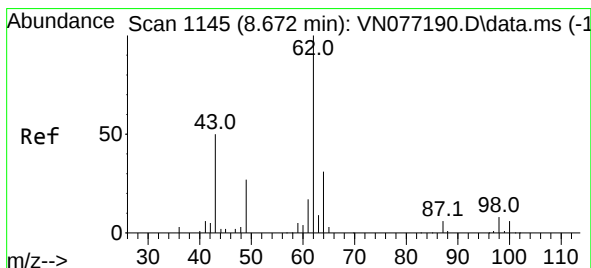
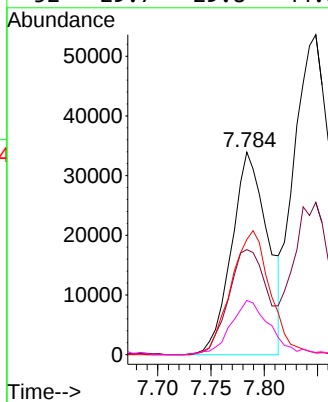
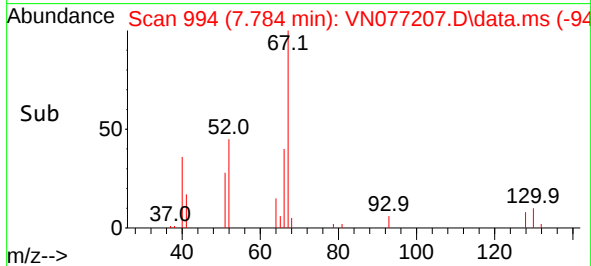
Instrument :
MSVOA_N
Client Sample Id :
VN0327WBS02



Tgt Ion: 41 Resp: 80052
Ion Ratio Lower Upper
41 100
39 52.8 43.4 65.0
67 66.3 78.6 118.0
52 29.7 29.8 44.8

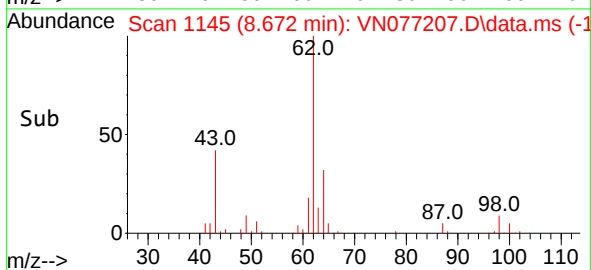
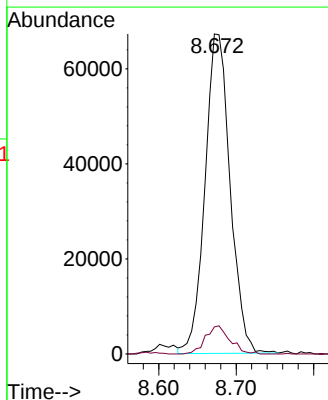
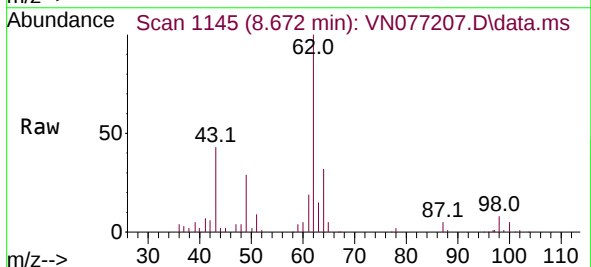
Manual Integrations
APPROVED

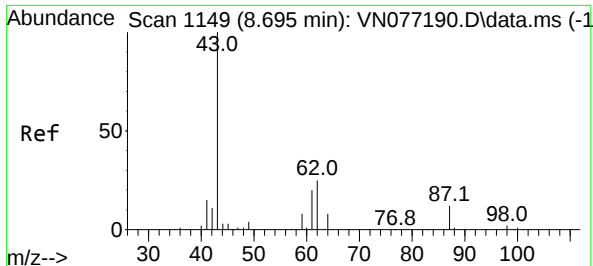
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#42
1,2-Dichloroethane
Concen: 18.504 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

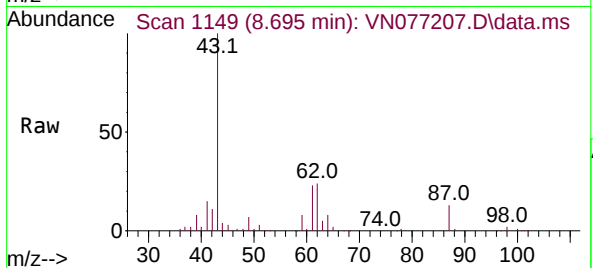
Tgt Ion: 62 Resp: 151731
Ion Ratio Lower Upper
62 100
98 8.5 0.0 21.8





#43
Isopropyl Acetate
Concen: 18.341 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

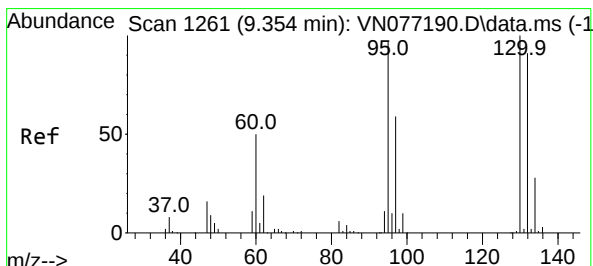
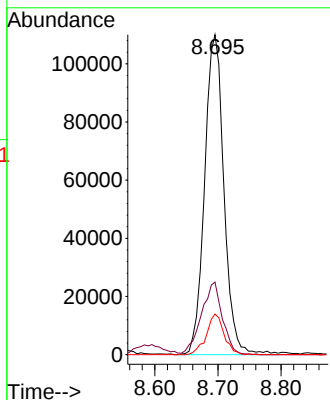
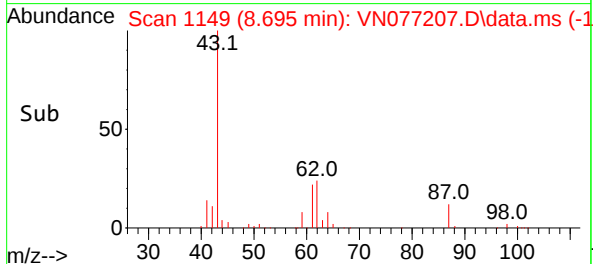
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02



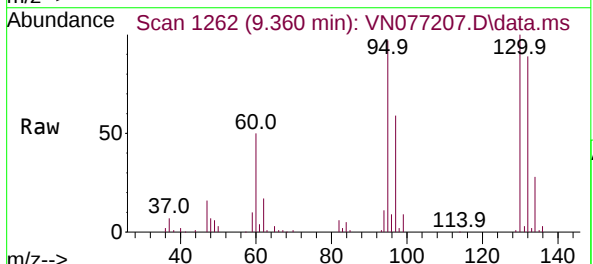
Tgt Ion: 43 Resp: 234044
Ion Ratio Lower Upper
43 100
61 24.8 26.2 39.2
87 11.6 14.8 22.2

Manual Integrations
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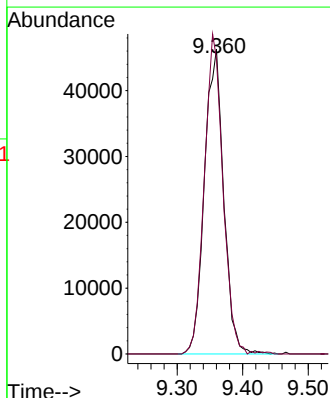
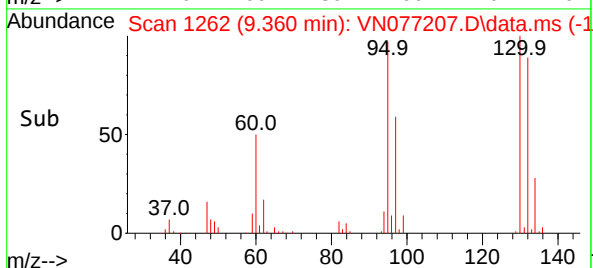
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

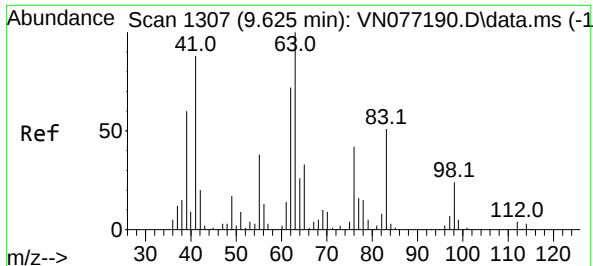


#44
Trichloroethene
Concen: 18.997 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41



Tgt Ion:130 Resp: 94661
Ion Ratio Lower Upper
130 100
95 96.9 0.0 208.6





#45

1,2-Dichloropropane

Concen: 18.767 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077207.D

Acq: 27 Mar 2023 17:41

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBS02

Tgt Ion: 63 Resp: 10854

Ion Ratio Lower Upper

63 100

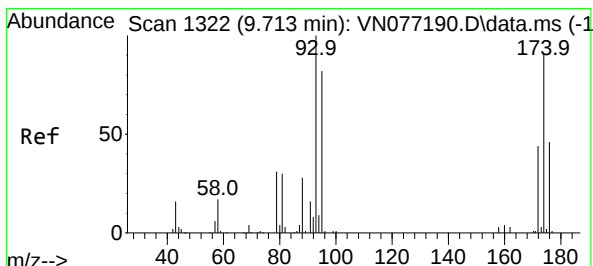
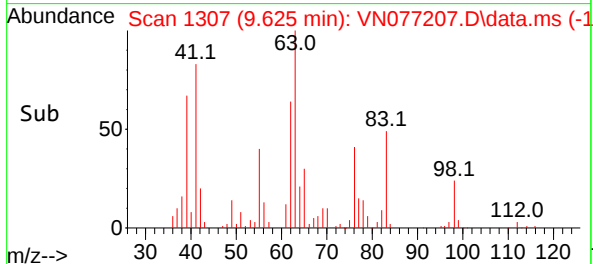
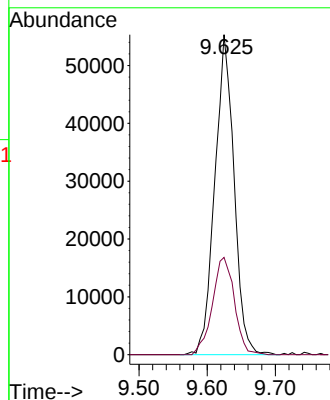
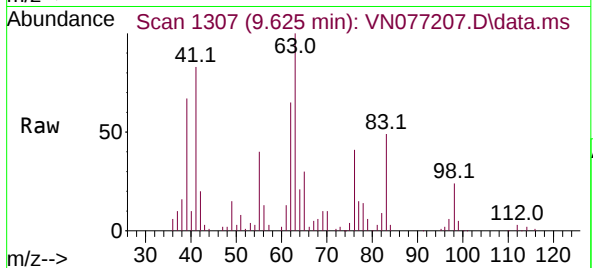
65 30.4 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#46

Dibromomethane

Concen: 18.863 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077207.D

Acq: 27 Mar 2023 17:41

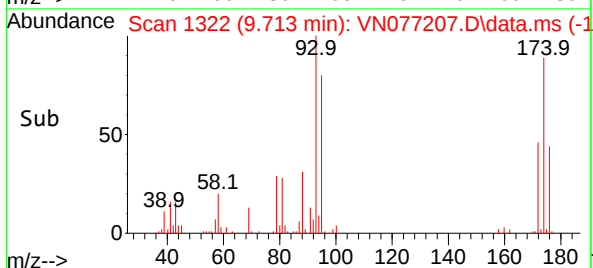
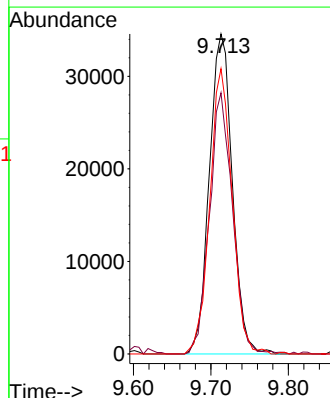
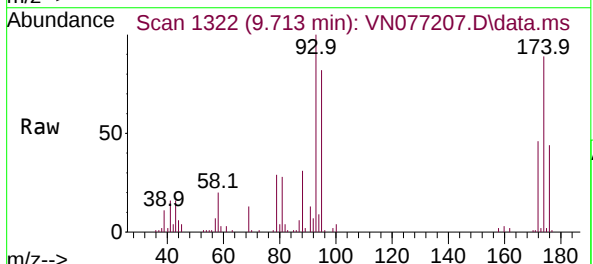
Tgt Ion: 93 Resp: 71307

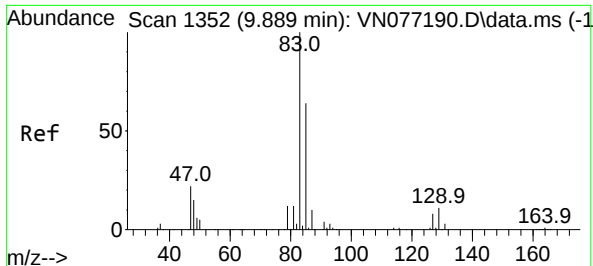
Ion Ratio Lower Upper

93 100

95 81.8 65.7 98.5

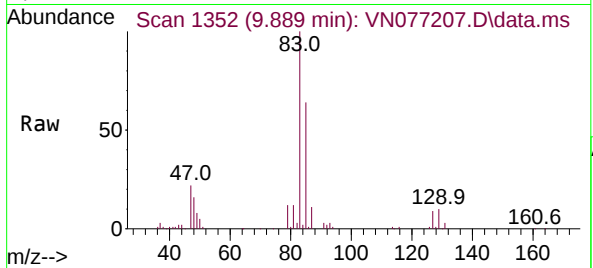
174 86.8 69.3 103.9





#47
Bromodichloromethane
Concen: 19.243 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

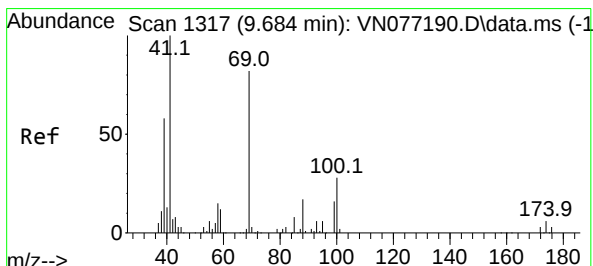
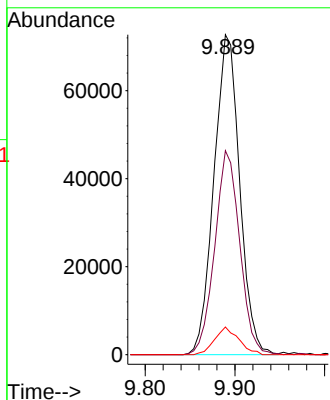
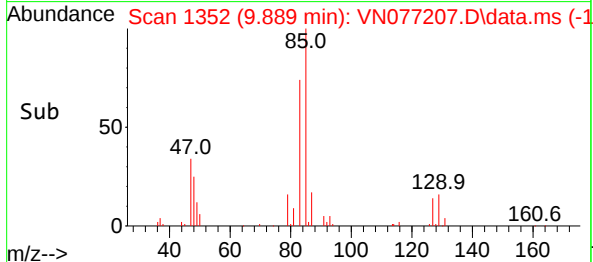
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02



Tgt Ion: 83 Resp: 14467
Ion Ratio Lower Upper
83 100
85 63.7 52.6 78.8
127 8.7 7.0 10.6

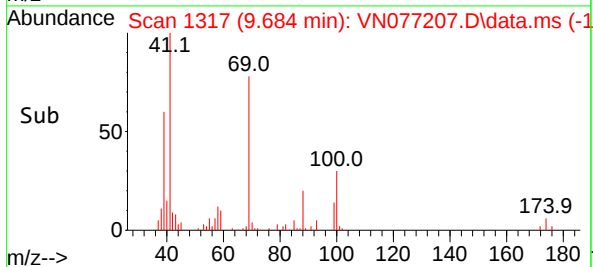
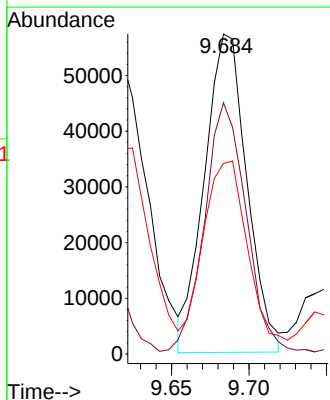
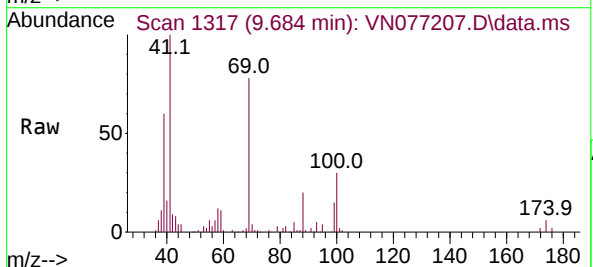
Manual Integrations
APPROVED

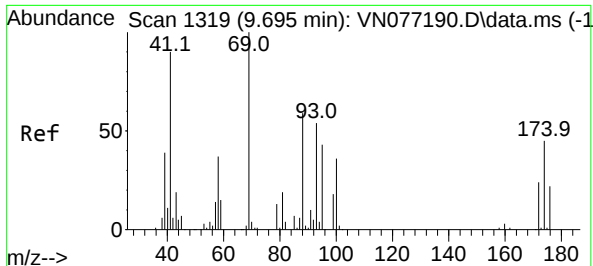
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#48
Methyl methacrylate
Concen: 17.739 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

Tgt Ion: 41 Resp: 109010
Ion Ratio Lower Upper
41 100
69 76.8 92.6 139.0#
39 64.8 51.4 77.0





#49

1,4-Dioxane

Concen: 396.275 ug/l

RT: 9.701 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077207.D

Acq: 27 Mar 2023 17:41

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBS02

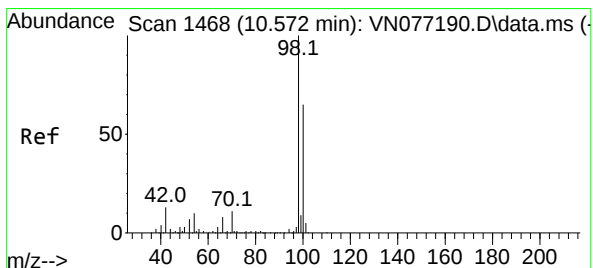
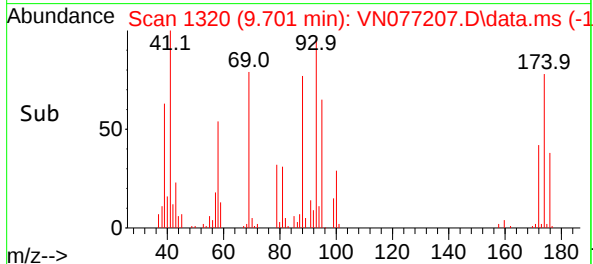
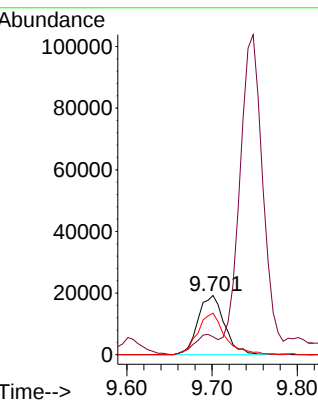
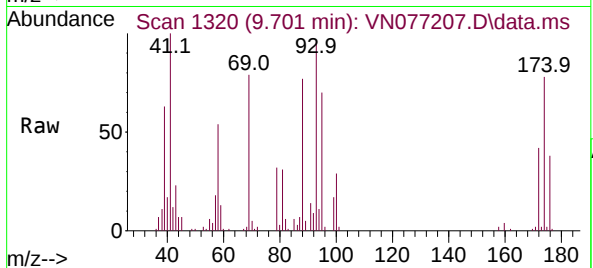
Tgt Ion: 88 Resp: 41514
 Ion Ratio Lower Upper
 88 100
 43 29.6 15.3 22.9
 58 72.2 47.6 71.4

Manual Integrations

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Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#50

Toluene-d8

Concen: 50.173 ug/l

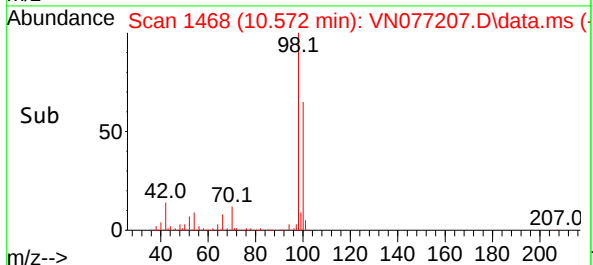
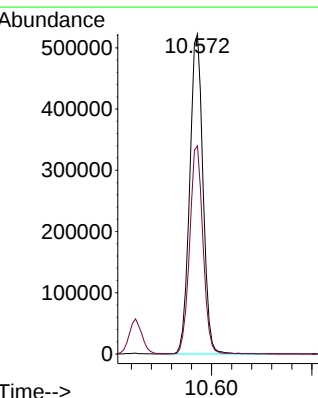
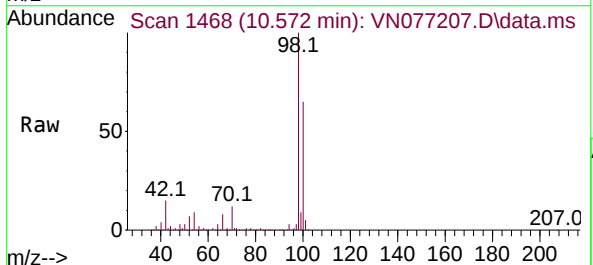
RT: 10.572 min Scan# 1468

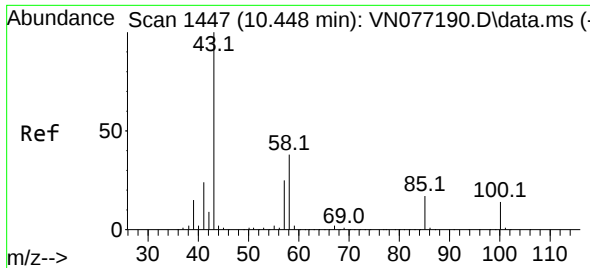
Delta R.T. -0.000 min

Lab File: VN077207.D

Acq: 27 Mar 2023 17:41

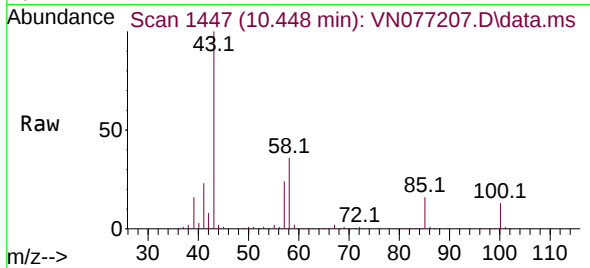
Tgt Ion: 98 Resp: 958561
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 93.396 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

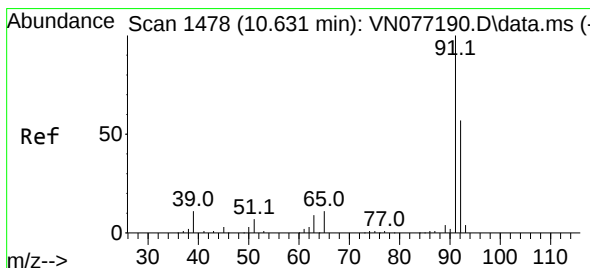
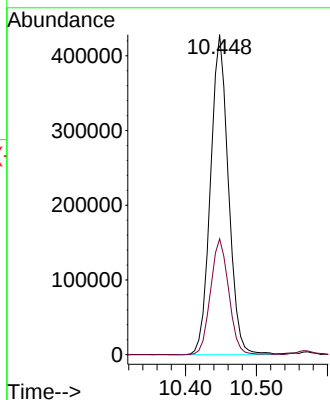
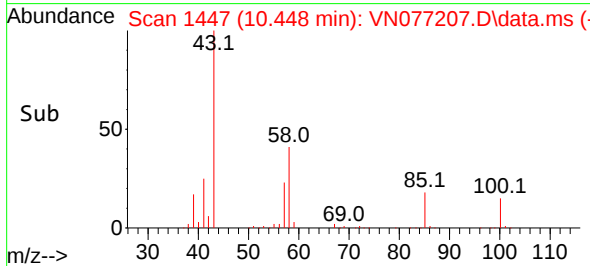
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02



Tgt Ion: 43 Resp: 749894
Ion Ratio Lower Upper
43 100
58 36.7 37.4 56.0

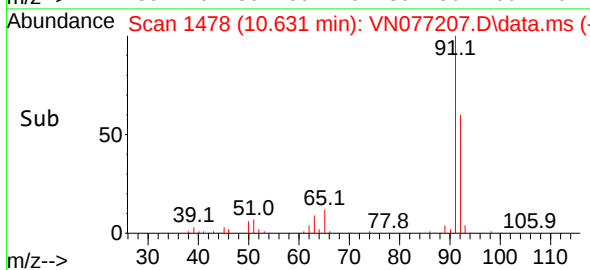
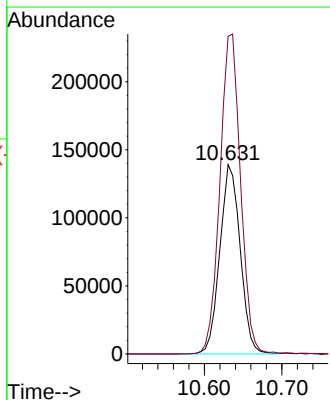
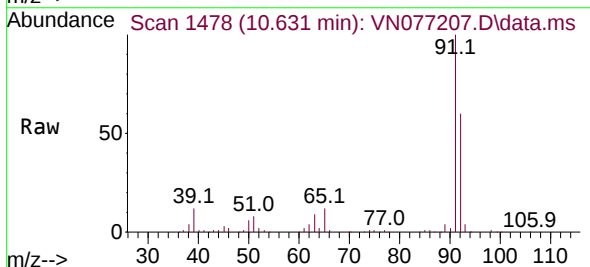
Manual Integrations
APPROVED

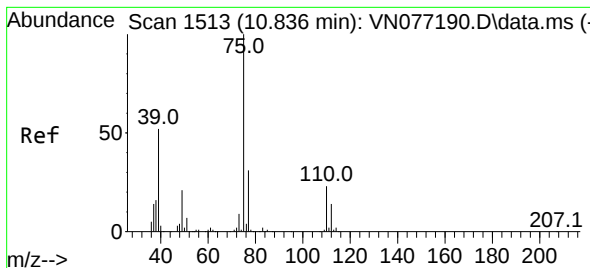
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#52
Toluene
Concen: 19.228 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. -0.001 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

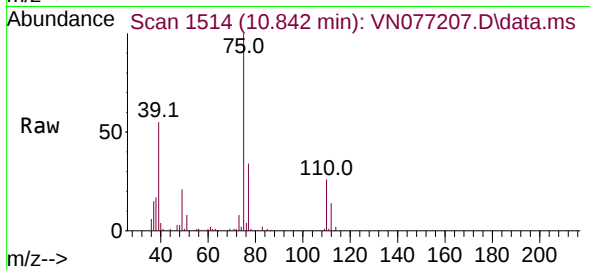
Tgt Ion: 92 Resp: 255023
Ion Ratio Lower Upper
92 100
91 171.5 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 18.449 ug/l
RT: 10.842 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

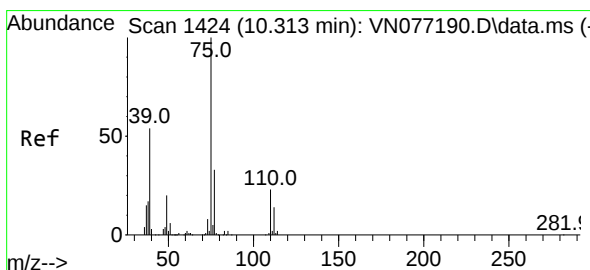
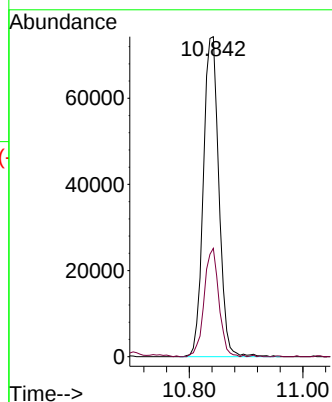
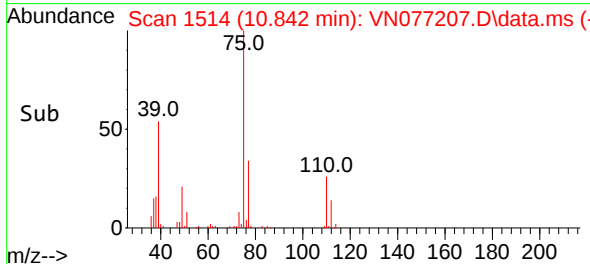
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02



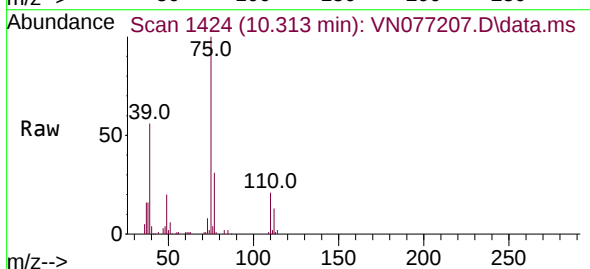
Tgt Ion: 75 Resp: 140752
Ion Ratio Lower Upper
75 100
77 33.9 25.0 37.6

Manual Integrations
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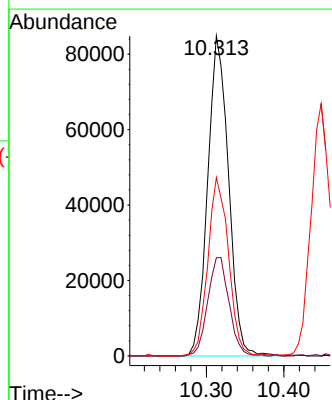
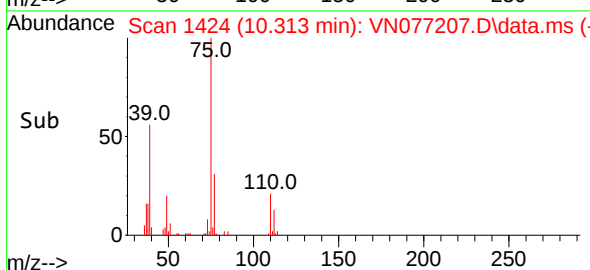
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

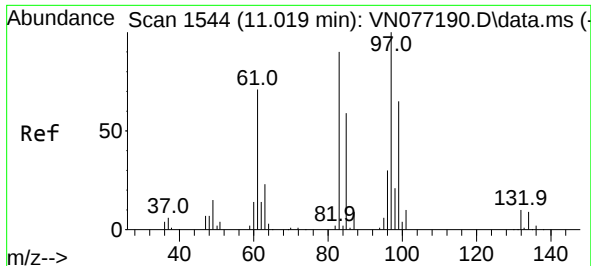


#54
cis-1,3-Dichloropropene
Concen: 18.971 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41



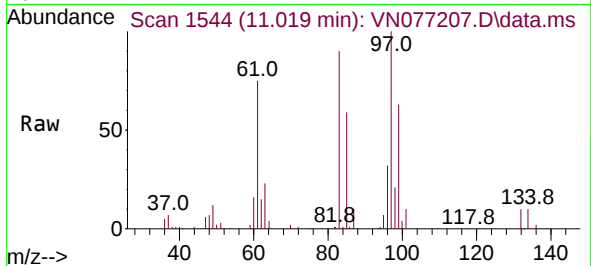
Tgt Ion: 75 Resp: 158400
Ion Ratio Lower Upper
75 100
77 30.7 25.7 38.5
39 55.8 29.7 44.5#





#55
1,1,2-Trichloroethane
Concen: 18.495 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

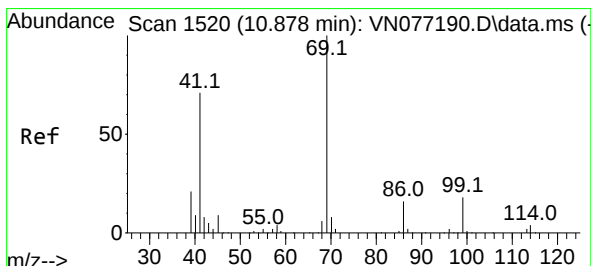
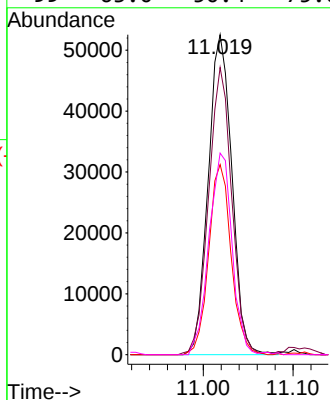
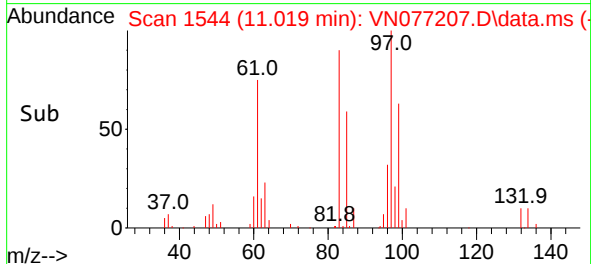
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02



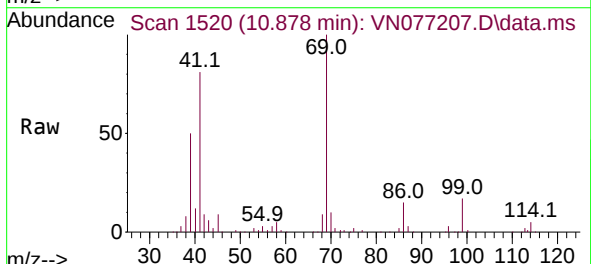
Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.7	67.1	100.7
85	59.4	41.8	62.8
99	63.0	50.4	75.6

Manual Integrations
APPROVED

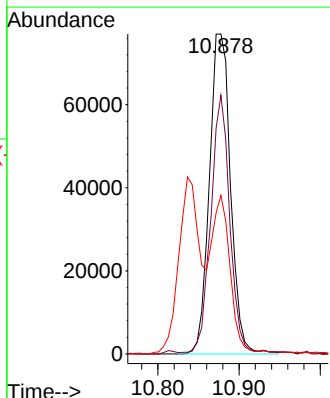
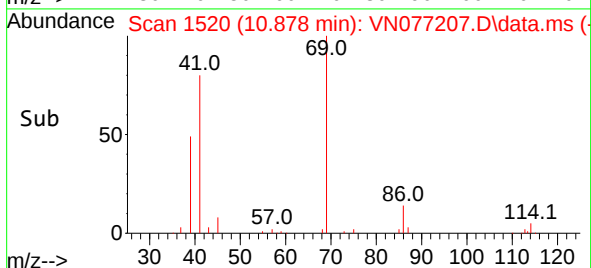
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

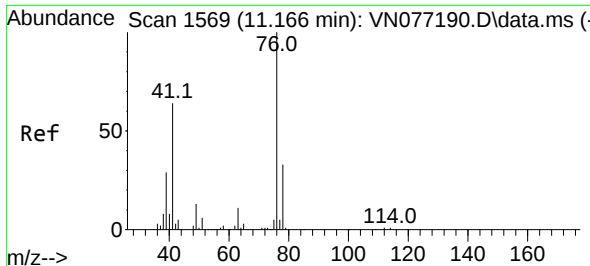


#56
Ethyl methacrylate
Concen: 18.169 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41



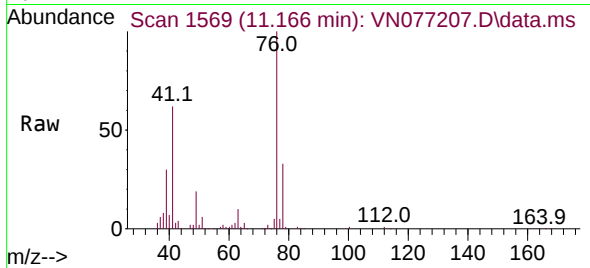
Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.8	38.0	57.0#
39	41.9	22.4	33.6#





#57
1,3-Dichloropropane
Concen: 18.599 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

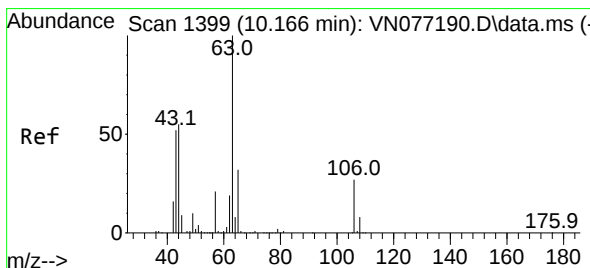
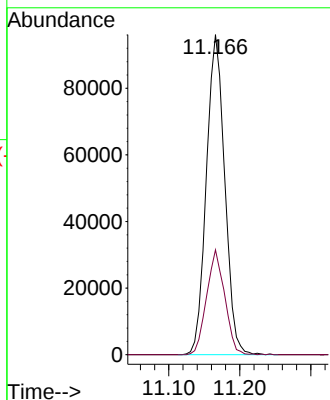
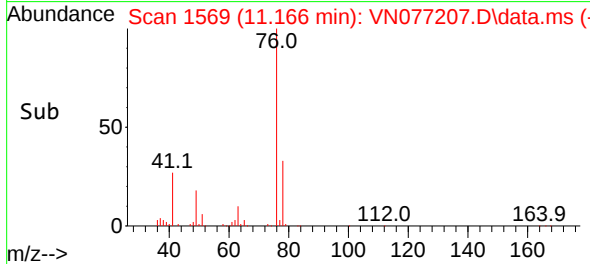
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02



Tgt Ion: 76 Resp: 172630
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

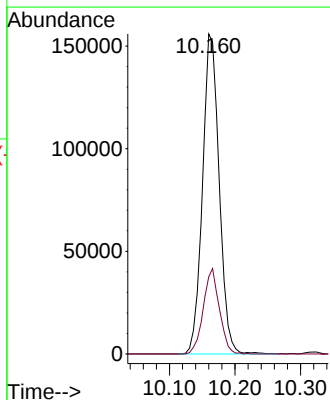
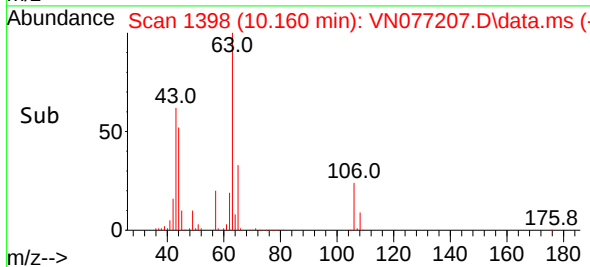
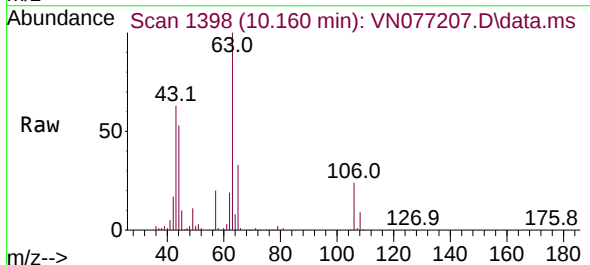
Manual Integrations
APPROVED

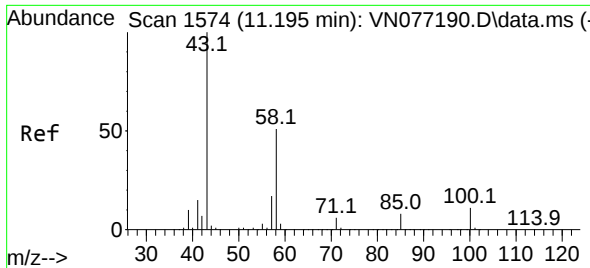
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#58
2-Chloroethyl Vinyl ether
Concen: 92.085 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

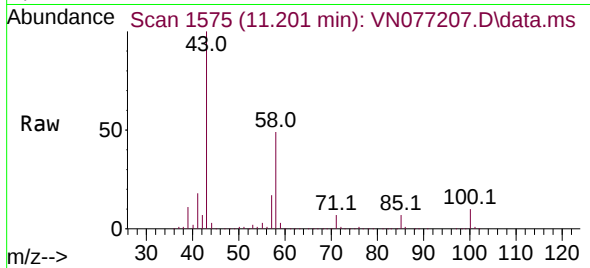
Tgt Ion: 63 Resp: 276091
Ion Ratio Lower Upper
63 100
106 25.6 25.6 38.4





#59
2-Hexanone
Concen: 93.114 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

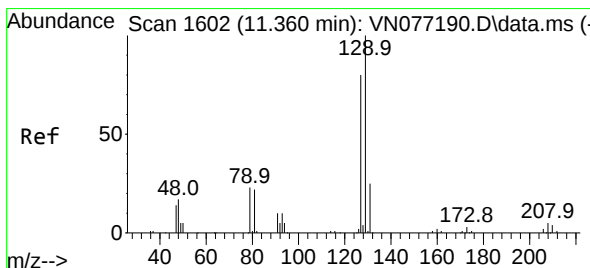
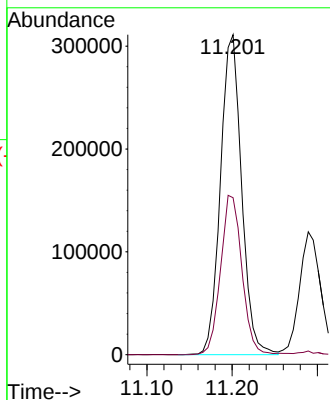
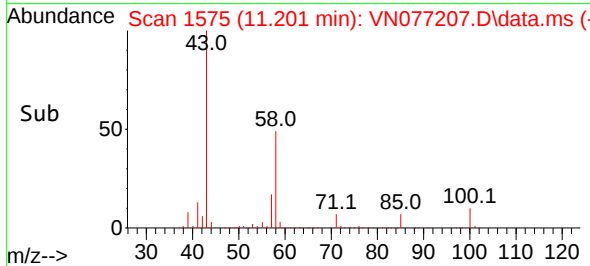
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02



Tgt Ion: 43 Resp: 537300
Ion Ratio Lower Upper
43 100
58 50.3 32.6 98.0

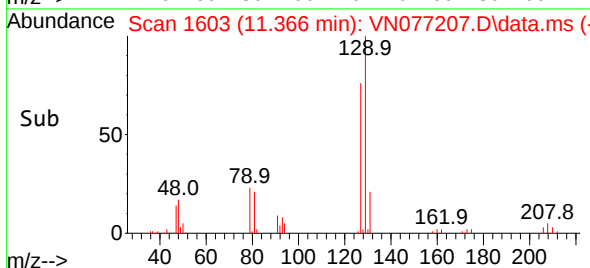
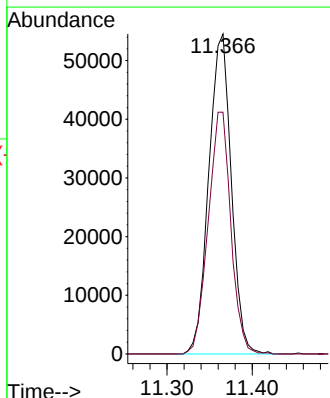
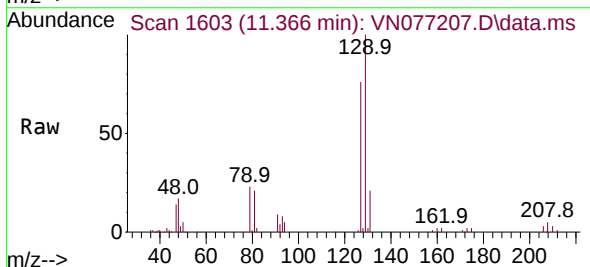
Manual Integrations
APPROVED

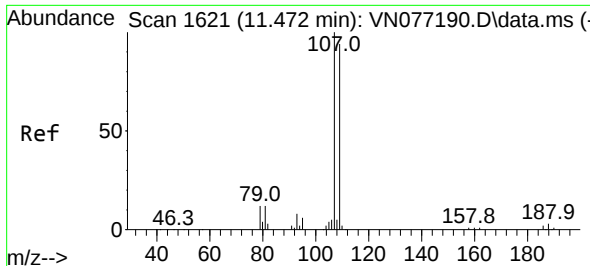
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#60
Dibromochloromethane
Concen: 18.699 ug/l
RT: 11.366 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

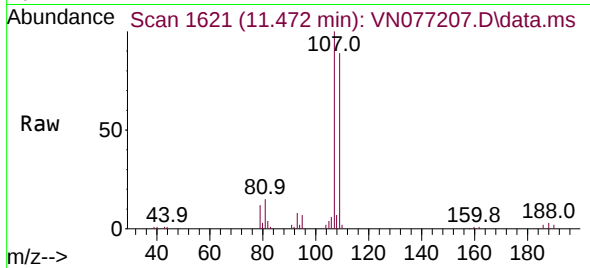
Tgt Ion:129 Resp: 100018
Ion Ratio Lower Upper
129 100
127 76.0 39.6 118.8





#61
1,2-Dibromoethane
Concen: 18.370 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

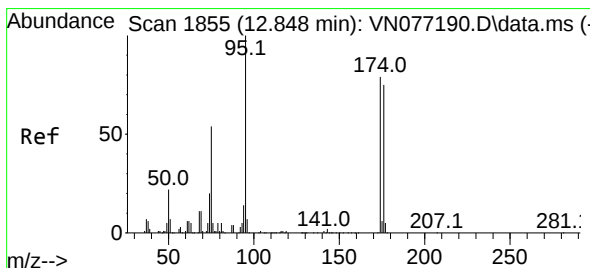
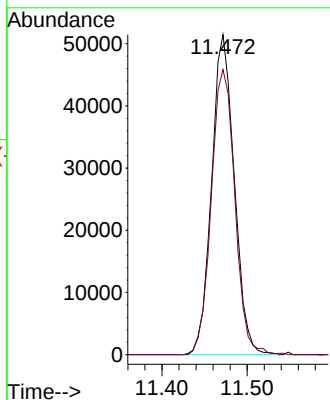
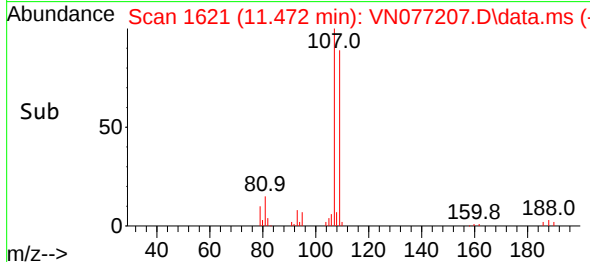
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02



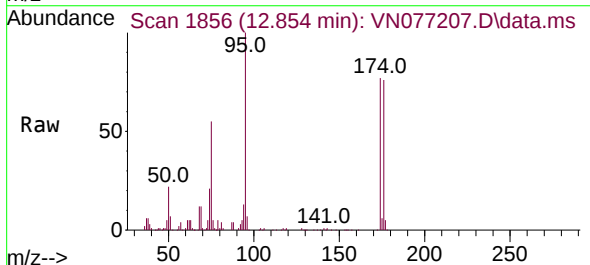
Tgt Ion:107 Resp: 9505
Ion Ratio Lower Upper
107 100
109 92.5 75.9 113.9

Manual Integrations
APPROVED

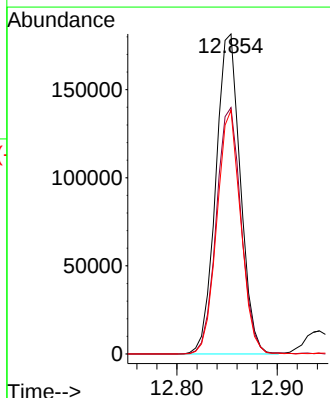
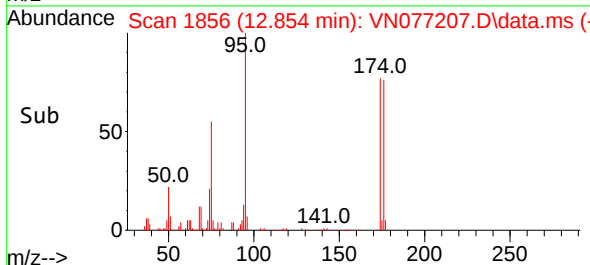
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

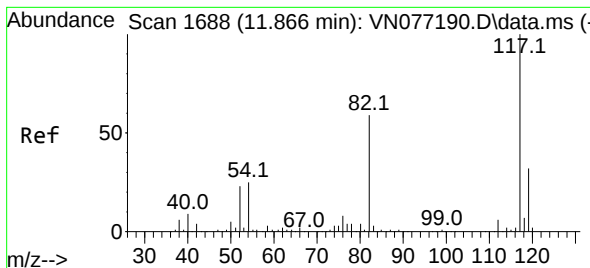


#62
4-Bromofluorobenzene
Concen: 49.344 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41



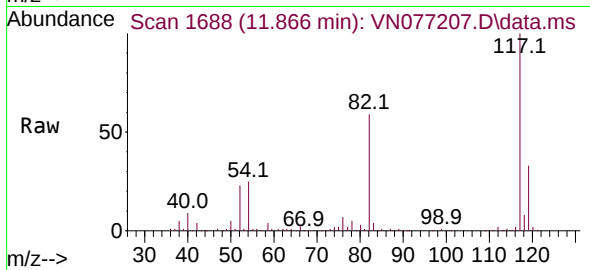
Tgt Ion: 95 Resp: 309400
Ion Ratio Lower Upper
95 100
174 77.6 0.0 162.4
176 73.7 0.0 157.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

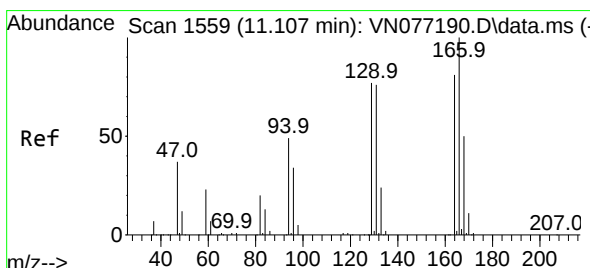
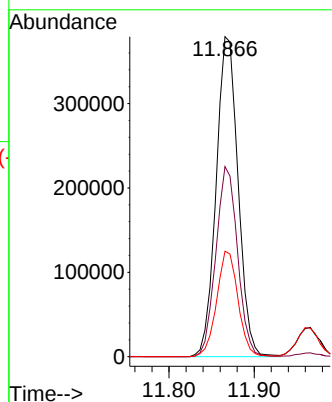
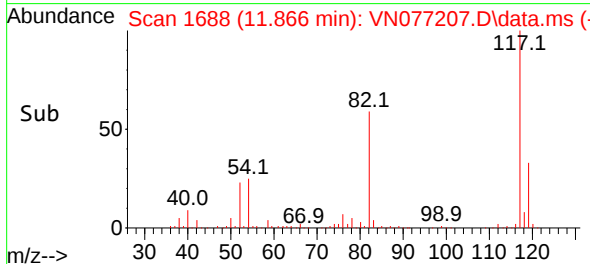
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02



Tgt Ion:117 Resp: 680440
Ion Ratio Lower Upper
117 100
82 59.4 43.5 65.3
119 33.0 25.5 38.3

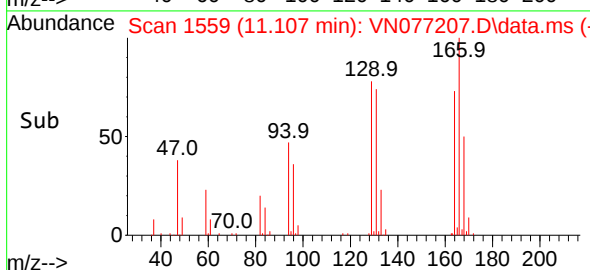
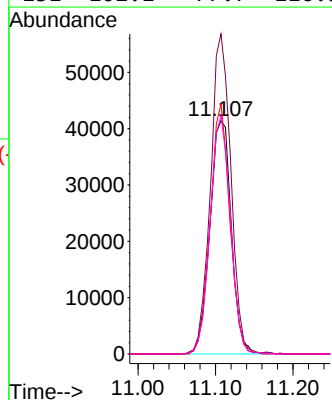
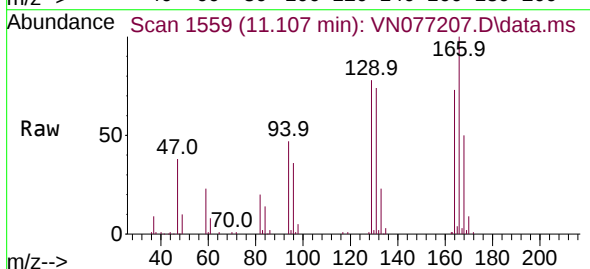
Manual Integrations
APPROVED

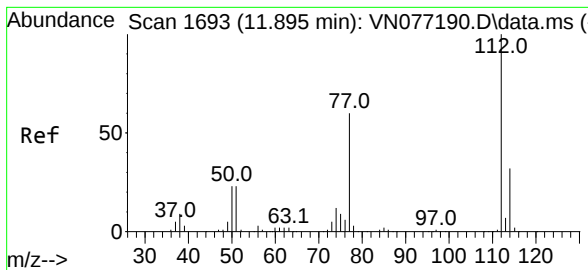
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#64
Tetrachloroethene
Concen: 18.772 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

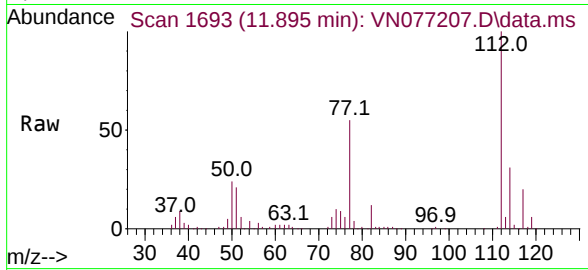
Tgt Ion:164 Resp: 79234
Ion Ratio Lower Upper
164 100
166 137.2 102.7 154.1
129 107.1 81.5 122.3
131 102.1 77.7 116.5





#65
Chlorobenzene
Concen: 18.679 ug/l
RT: 11.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

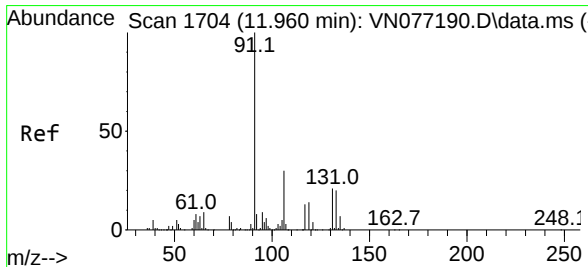
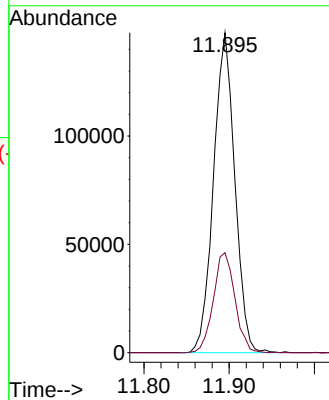
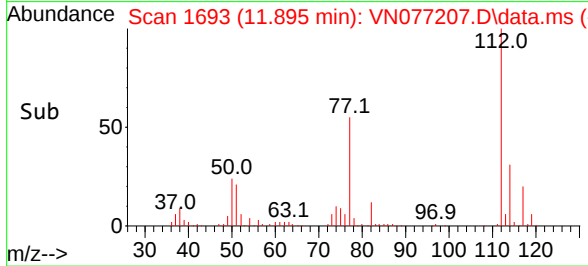
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02



Tgt Ion:112 Resp: 25607
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.8

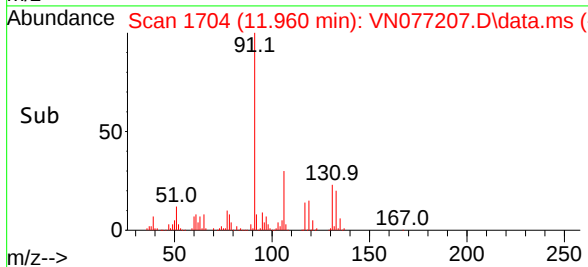
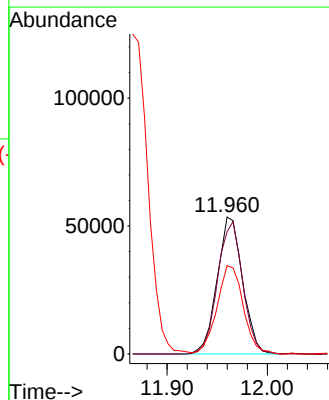
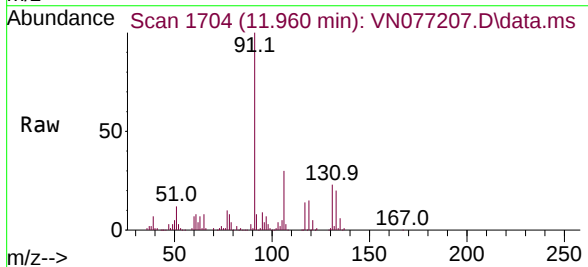
Manual Integrations
APPROVED

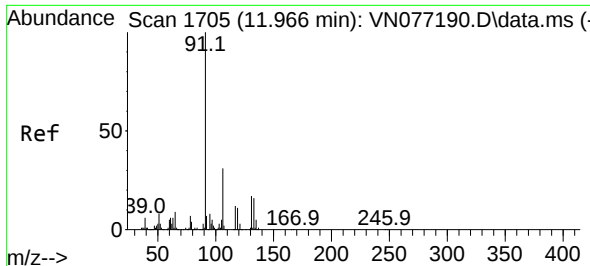
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.804 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

Tgt Ion:131 Resp: 94179
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.8
119 66.6 33.1 99.2





#67

Ethyl Benzene

Concen: 18.779 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VN077207.D

Acq: 27 Mar 2023 17:41

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBS02

Tgt Ion: 91 Resp: 46835

Ion Ratio Lower Upper

91 100

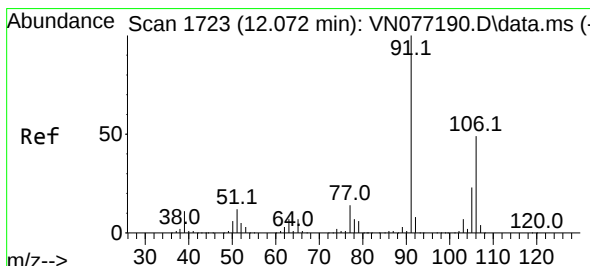
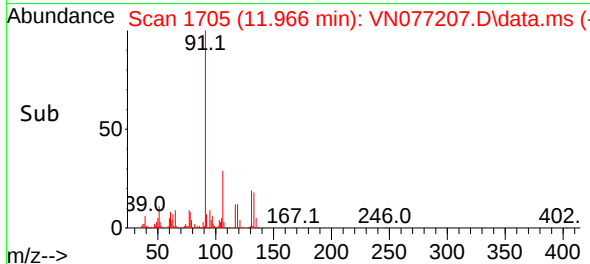
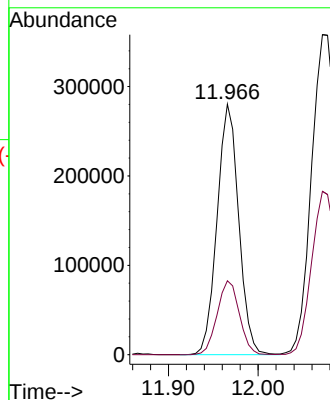
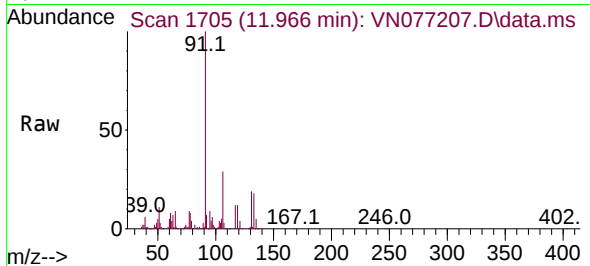
106 29.5 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#68

m/p-Xylenes

Concen: 38.129 ug/l

RT: 12.072 min Scan# 1723

Delta R.T. -0.000 min

Lab File: VN077207.D

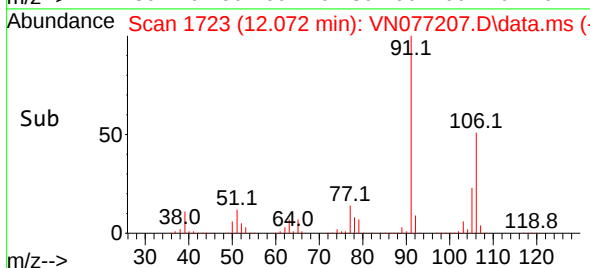
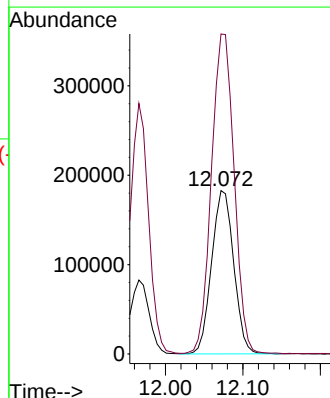
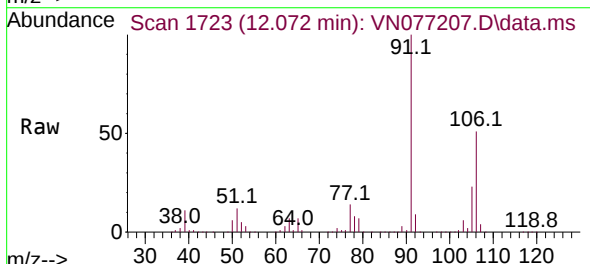
Acq: 27 Mar 2023 17:41

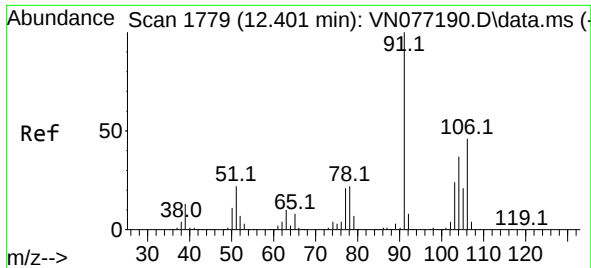
Tgt Ion:106 Resp: 361696

Ion Ratio Lower Upper

106 100

91 201.7 158.0 237.0





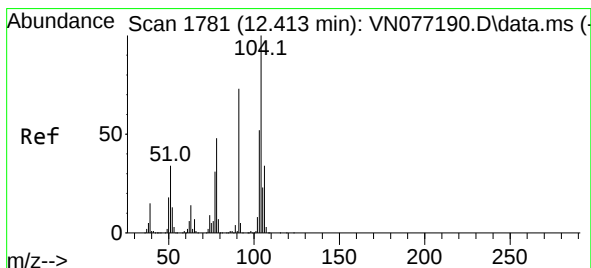
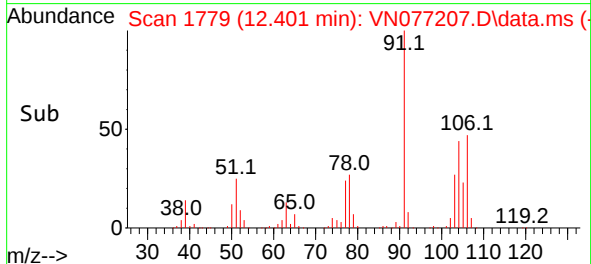
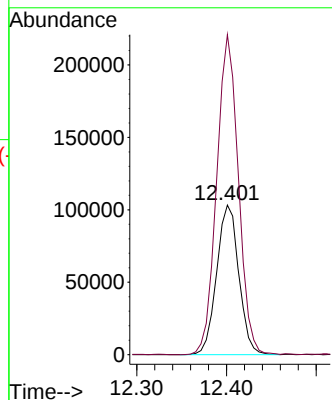
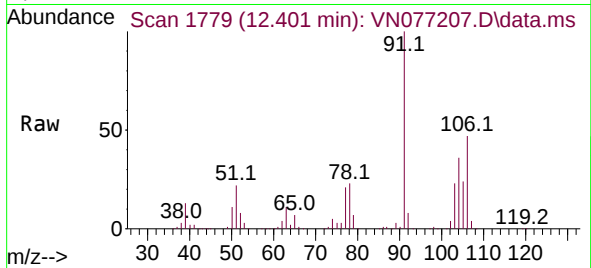
#69
o-Xylene
Concen: 19.242 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02

Tgt Ion:106 Resp: 176760
Ion Ratio Lower Upper
106 100
91 210.1 101.8 305.4

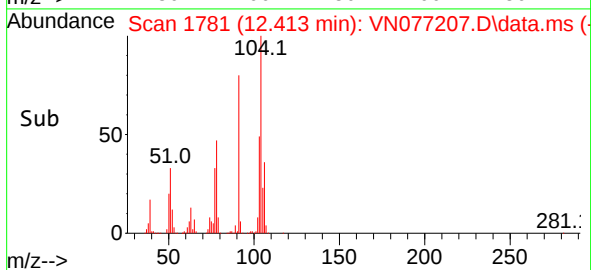
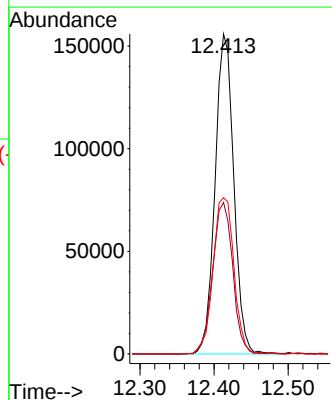
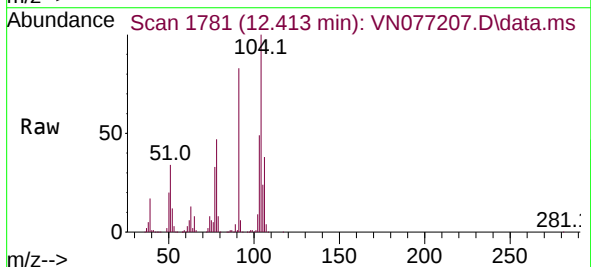
Manual Integrations
APPROVED

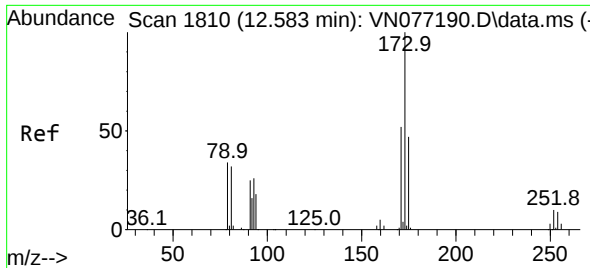
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#70
Styrene
Concen: 18.420 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

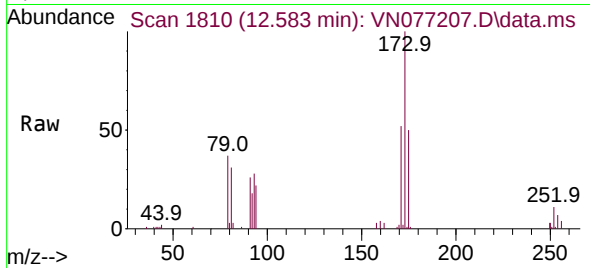
Tgt Ion:104 Resp: 273320
Ion Ratio Lower Upper
104 100
78 51.1 36.6 55.0
103 54.4 43.4 65.0





#71
Bromoform
Concen: 17.571 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

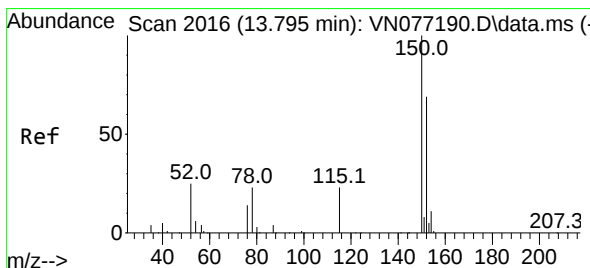
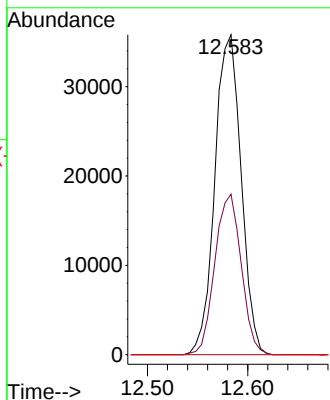
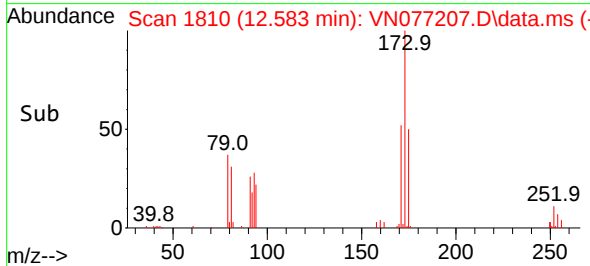
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02



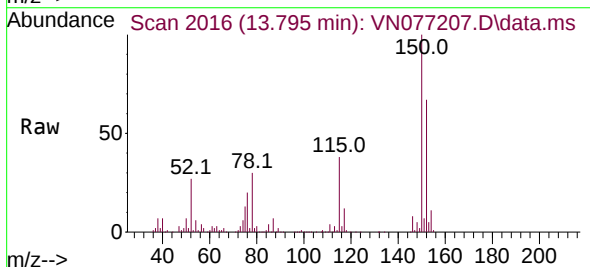
Tgt Ion:173 Resp: 65180
Ion Ratio Lower Upper
173 100
175 50.3 24.9 74.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

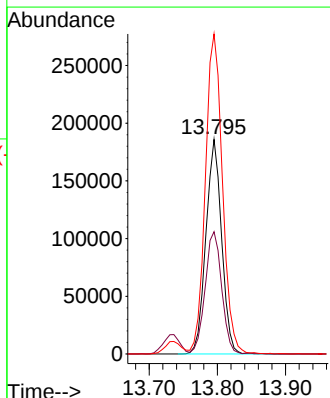
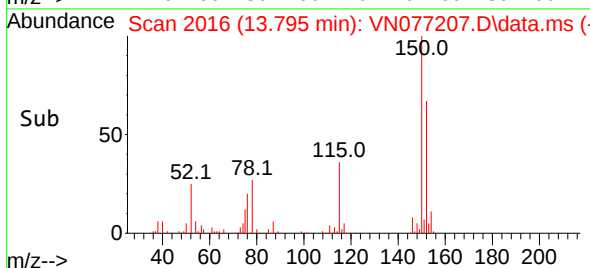
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

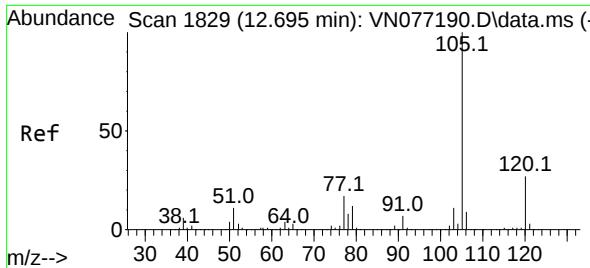


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41



Tgt Ion:152 Resp: 298632
Ion Ratio Lower Upper
152 100
115 60.1 30.3 90.9
150 161.4 0.0 353.6





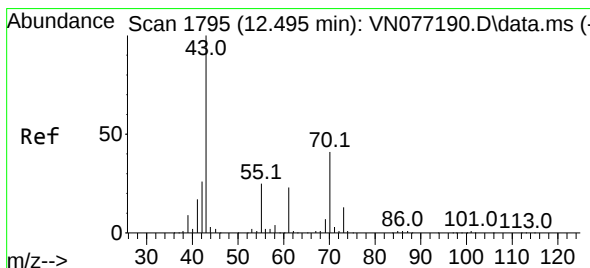
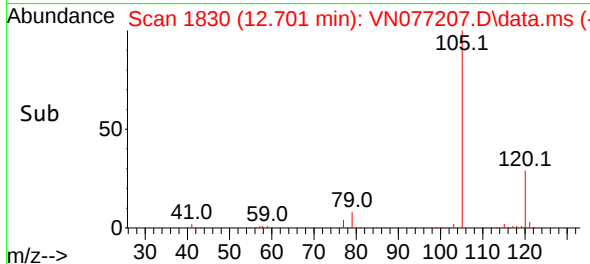
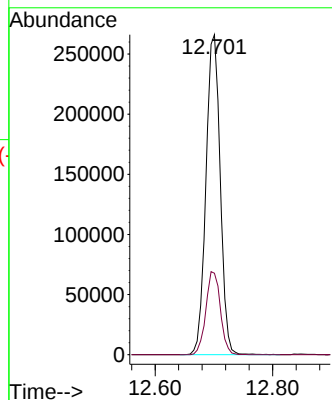
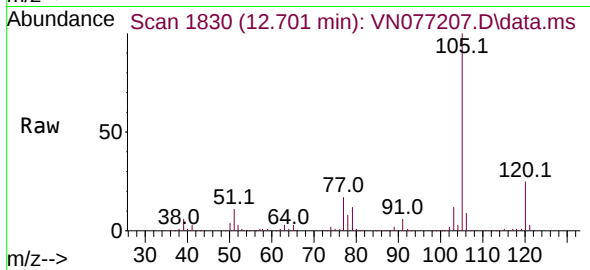
#73
Isopropylbenzene
Concen: 18.986 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02

Tgt Ion:105 Resp: 446100
Ion Ratio Lower Upper
105 100
120 26.5 13.8 41.4

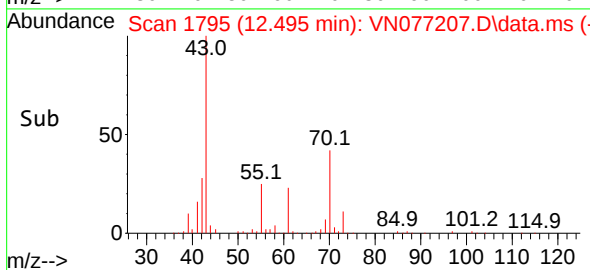
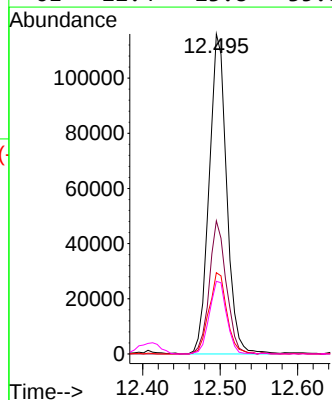
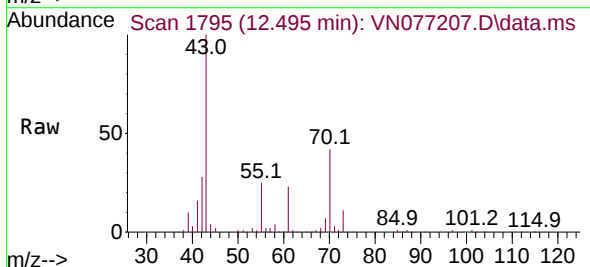
Manual Integrations
APPROVED

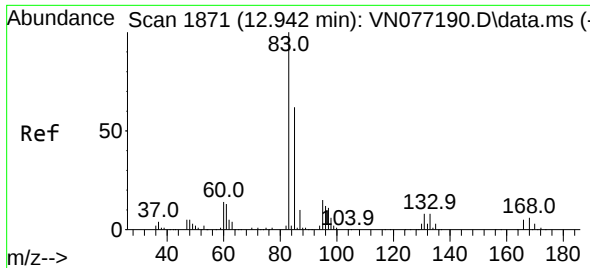
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#74
N-ethyl acetate
Concen: 17.810 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

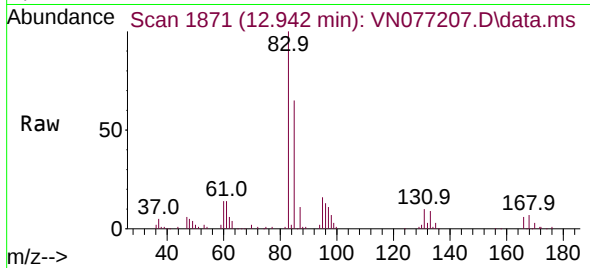
Tgt Ion: 43 Resp: 182351
Ion Ratio Lower Upper
43 100
70 40.2 46.8 70.2#
55 26.1 23.4 35.2
61 22.4 23.8 35.8#





#75
1,1,2,2-Tetrachloroethane
Concen: 18.466 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

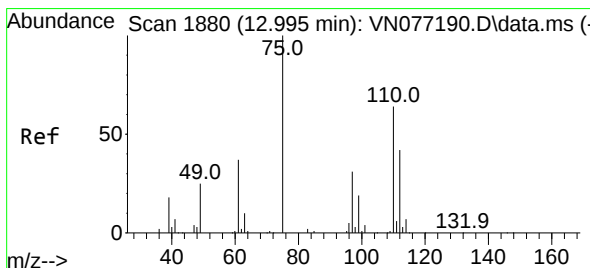
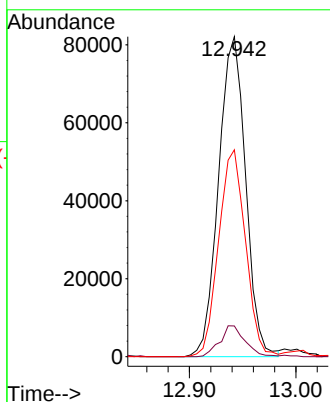
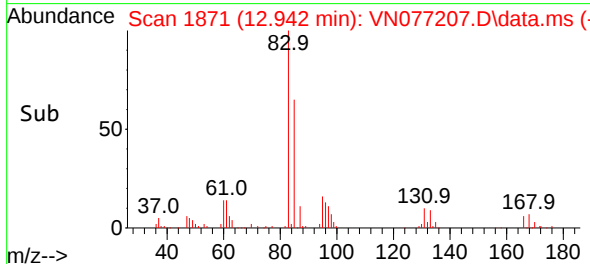
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02



Tgt Ion: 83 Resp: 14492
Ion Ratio Lower Upper
83 100
131 9.2 5.3 16.1
85 64.0 32.0 96.0

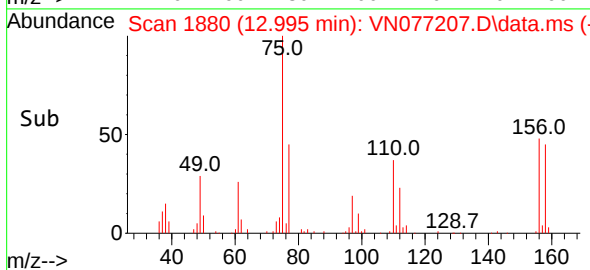
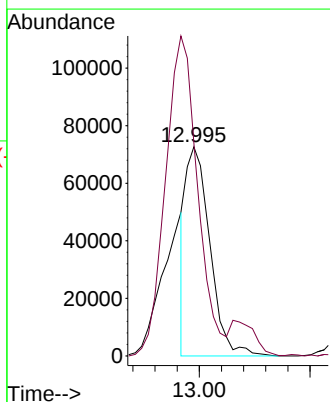
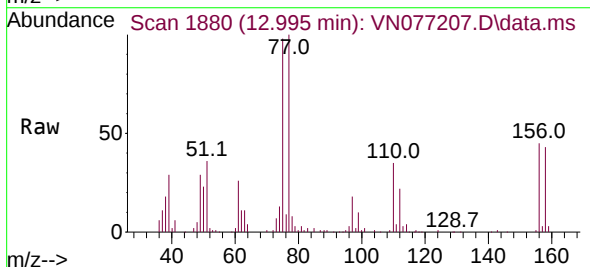
Manual Integrations
APPROVED

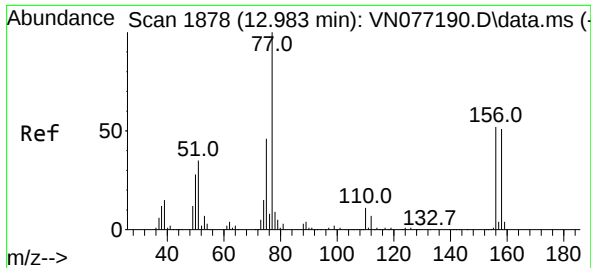
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#76
1,2,3-Trichloropropane
Concen: 18.116 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

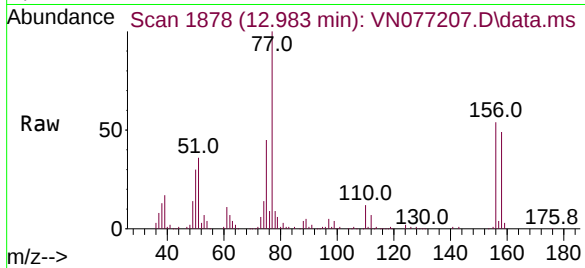
Tgt Ion: 75 Resp: 109747
Ion Ratio Lower Upper
75 100
77 204.3 93.8 281.4





#77
Bromobenzene
Concen: 18.792 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

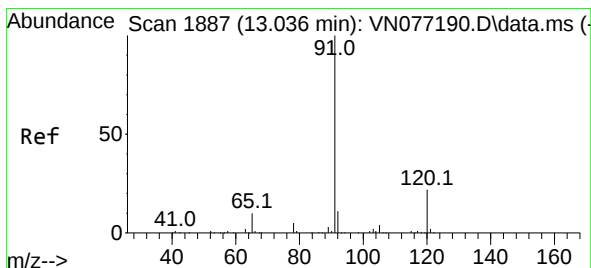
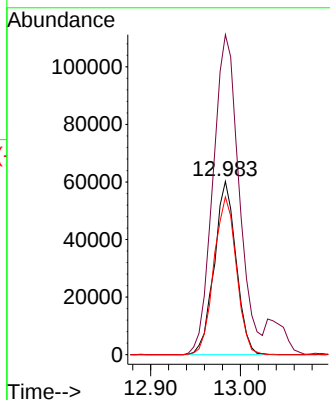
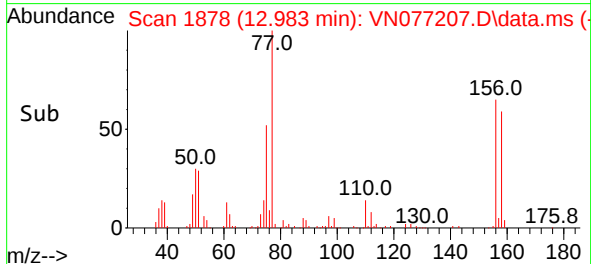
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02



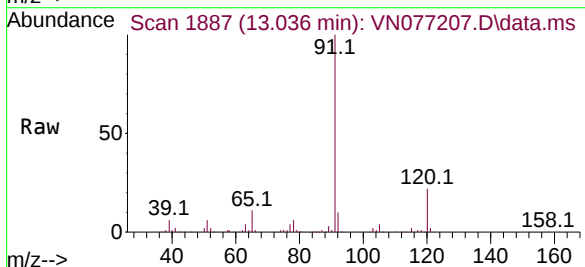
Tgt Ion:156 Resp: 10165
Ion Ratio Lower Upper
156 100
77 220.6 101.3 303.7
158 93.8 48.9 146.7

Manual Integrations
APPROVED

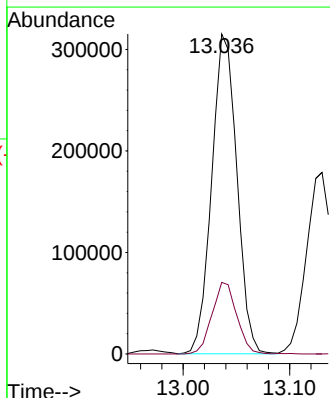
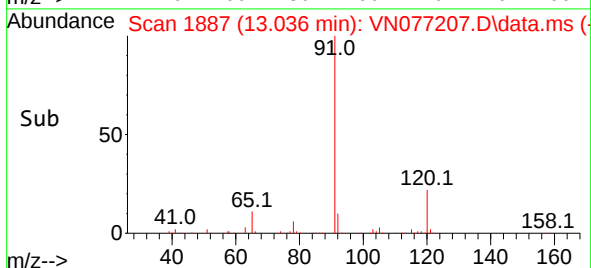
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

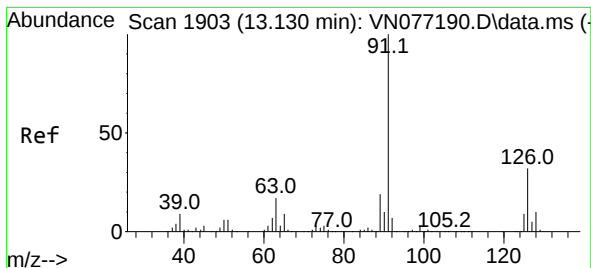


#78
n-propylbenzene
Concen: 19.075 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41



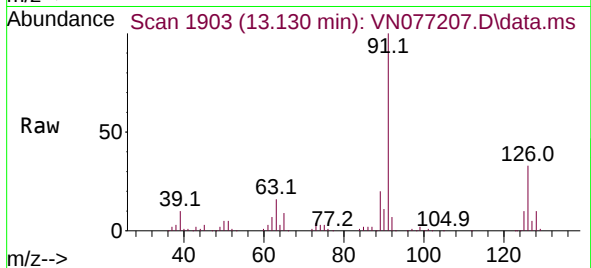
Tgt Ion: 91 Resp: 516896
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.7





#79
2-Chlorotoluene
Concen: 18.652 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

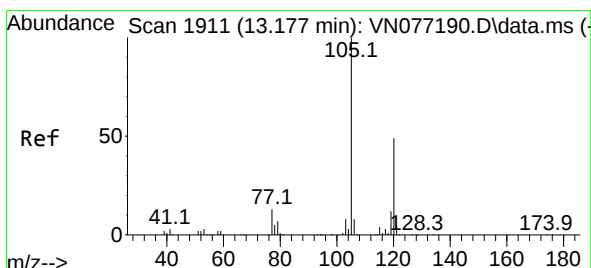
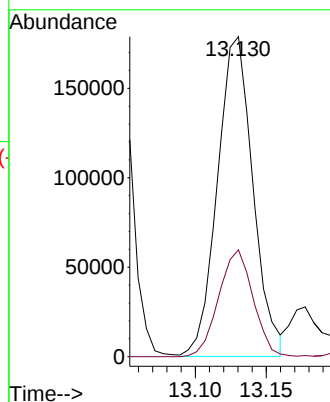
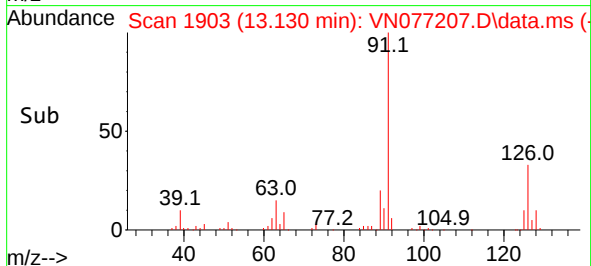
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02



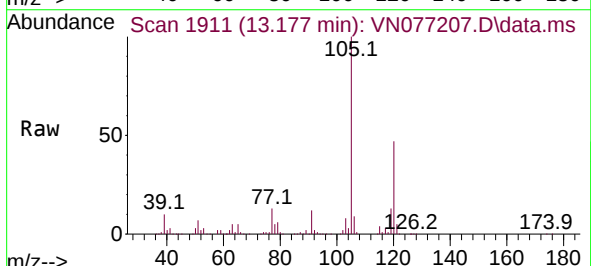
Tgt Ion: 91 Resp: 31079
Ion Ratio Lower Upper
91 100
126 32.4 17.7 53.1

Manual Integrations
APPROVED

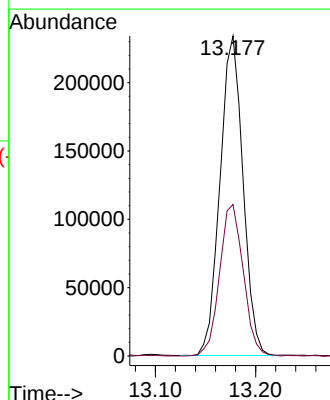
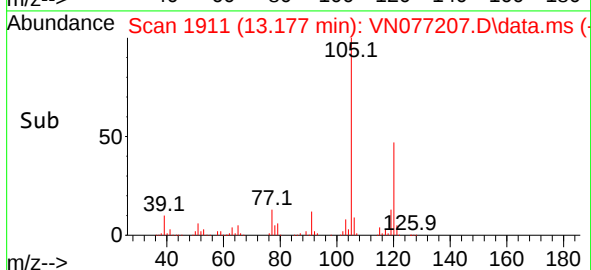
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

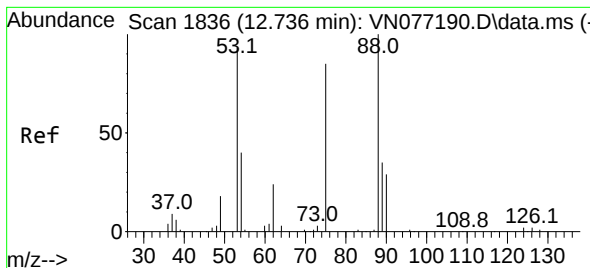


#80
1,3,5-Trimethylbenzene
Concen: 19.005 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41



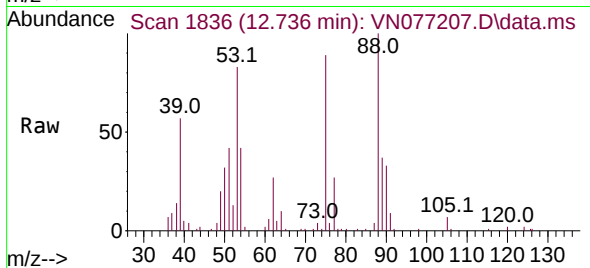
Tgt Ion:105 Resp: 371876
Ion Ratio Lower Upper
105 100
120 48.9 25.2 75.6





#81
trans-1,4-Dichloro-2-butene
Concen: 22.133 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

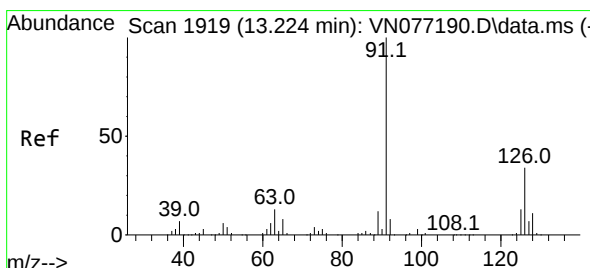
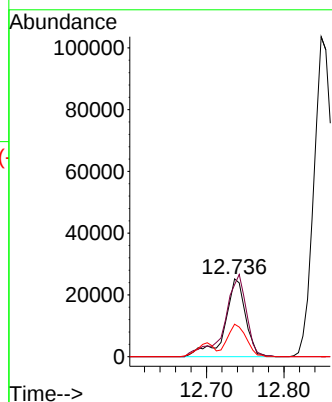
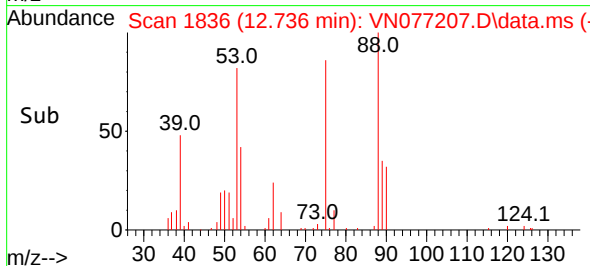
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02



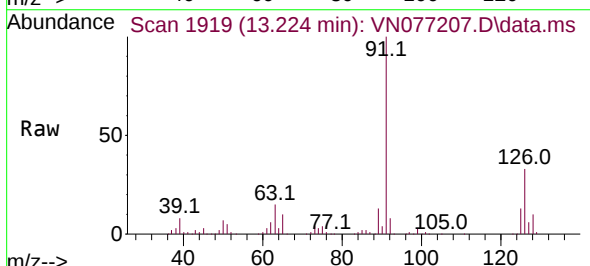
Tgt Ion: 75 Resp: 46520
Ion Ratio Lower Upper
75 100
53 111.0 67.4 101.0
89 38.5 39.5 59.3

Manual Integrations
APPROVED

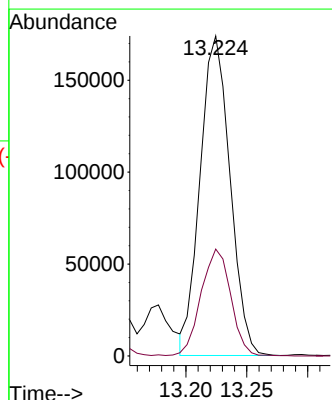
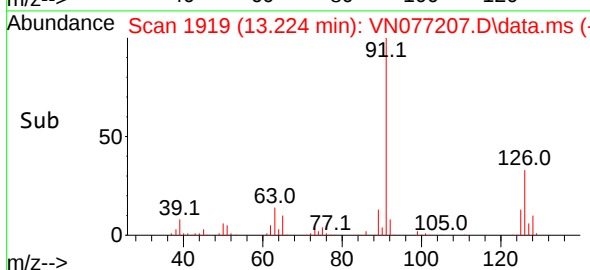
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

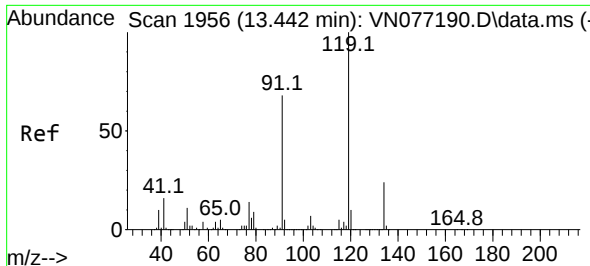


#82
4-Chlorotoluene
Concen: 18.824 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41



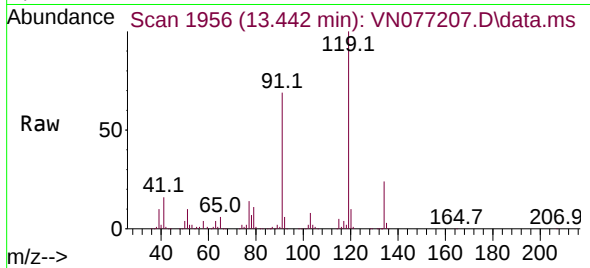
Tgt Ion: 91 Resp: 297720
Ion Ratio Lower Upper
91 100
126 33.2 18.0 54.0





#83
tert-Butylbenzene
Concen: 18.968 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

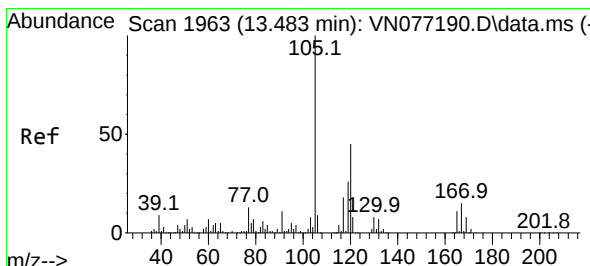
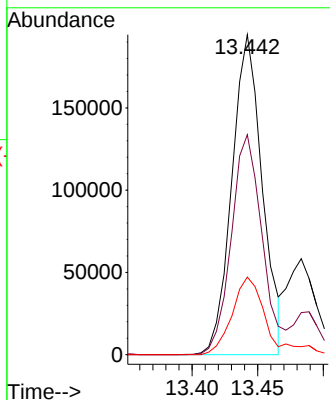
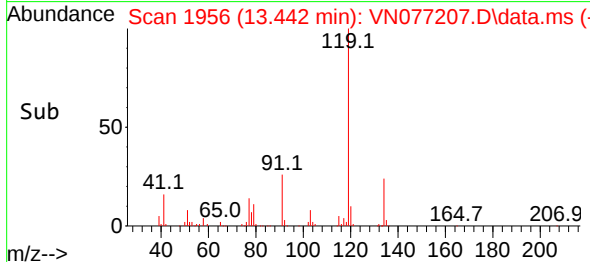
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02



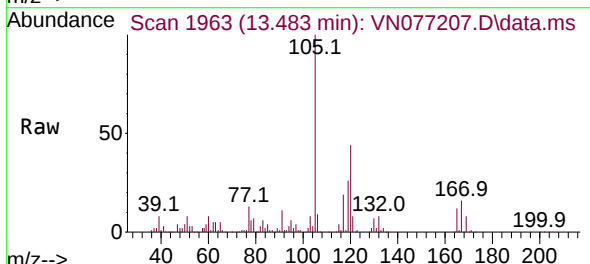
Tgt Ion:119 Resp: 313898
Ion Ratio Lower Upper
119 100
91 70.2 31.9 95.5
134 27.3 13.8 41.4

Manual Integrations
APPROVED

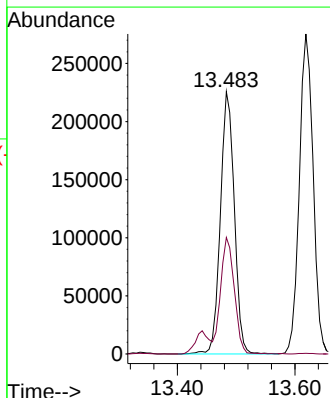
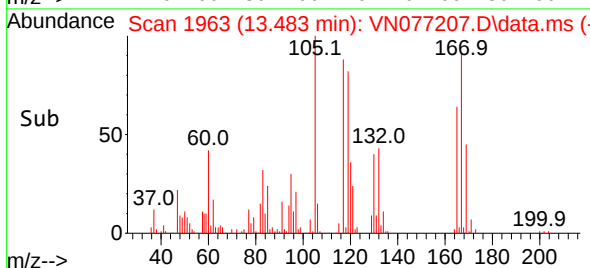
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

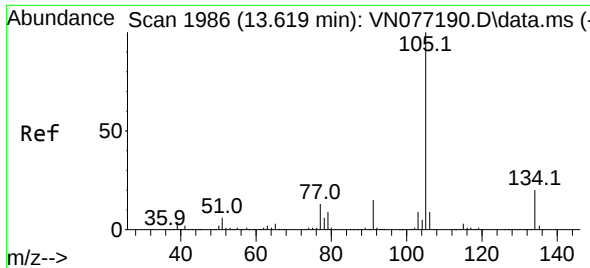


#84
1,2,4-Trimethylbenzene
Concen: 19.324 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41



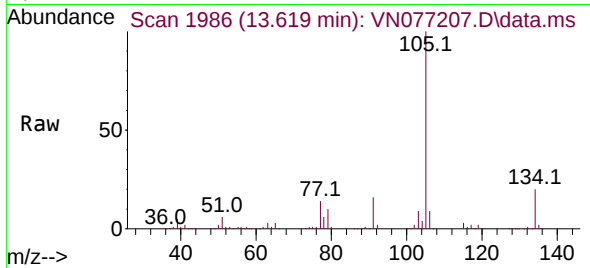
Tgt Ion:105 Resp: 371566
Ion Ratio Lower Upper
105 100
120 43.5 23.6 70.8





#85
 sec-Butylbenzene
 Concen: 19.019 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077207.D
 Acq: 27 Mar 2023 17:41

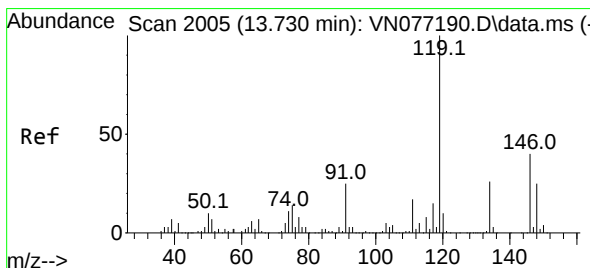
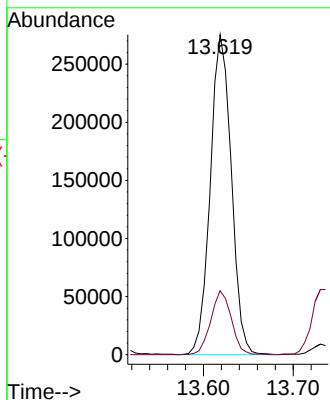
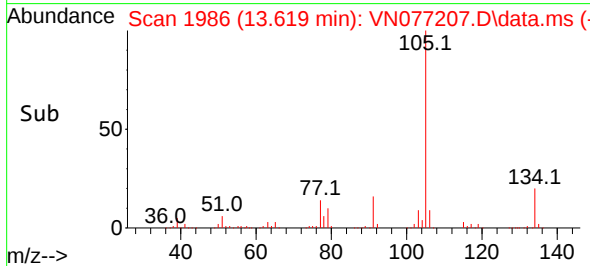
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBS02



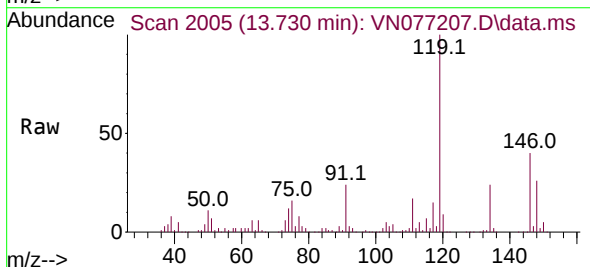
Tgt Ion:105 Resp: 448909
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.2

Manual Integrations
 APPROVED

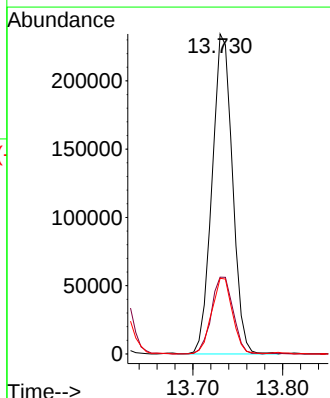
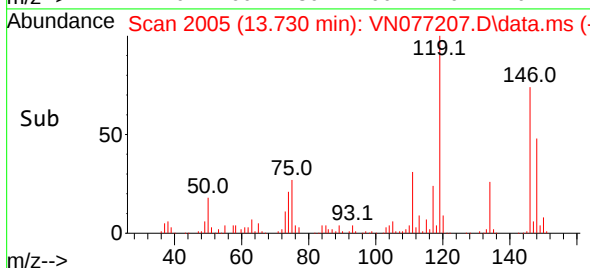
Reviewed By :John Carlone 03/28/2023
 Supervised By :Semsettin Yesilyurt 03/28/2023

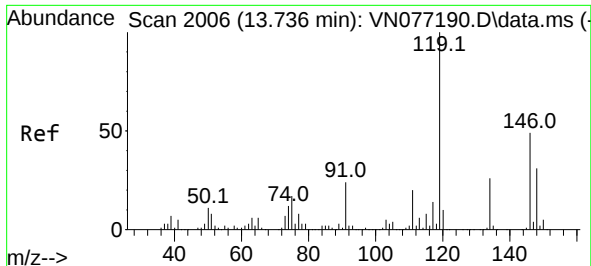


#86
 p-Isopropyltoluene
 Concen: 19.564 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077207.D
 Acq: 27 Mar 2023 17:41



Tgt Ion:119 Resp: 369831
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.5 40.5
 91 24.2 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 19.075 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077207.D

Acq: 27 Mar 2023 17:41

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBS02

Tgt Ion:146 Resp: 186229

Ion Ratio Lower Upper

146 100

111 40.6 20.4 61.2

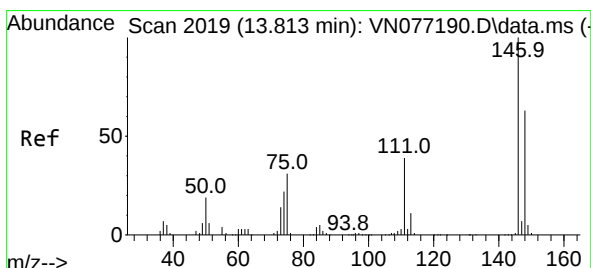
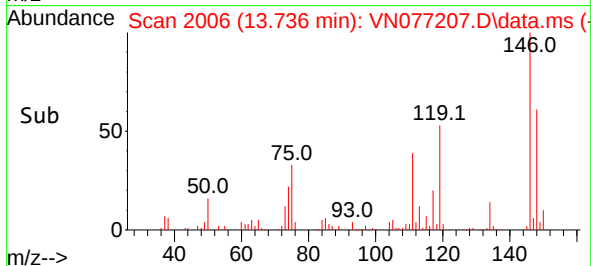
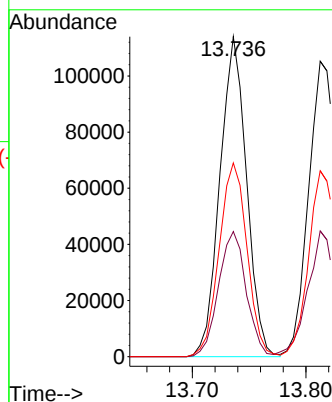
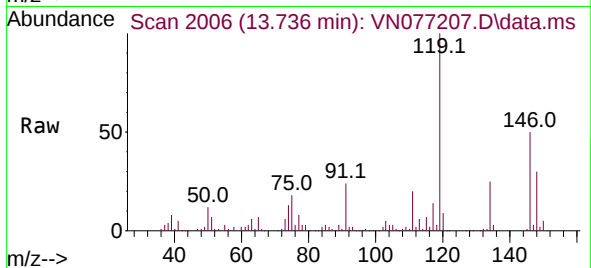
148 63.3 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#88

1,4-Dichlorobenzene

Concen: 18.776 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VN077207.D

Acq: 27 Mar 2023 17:41

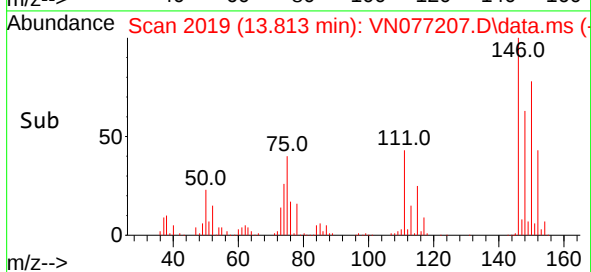
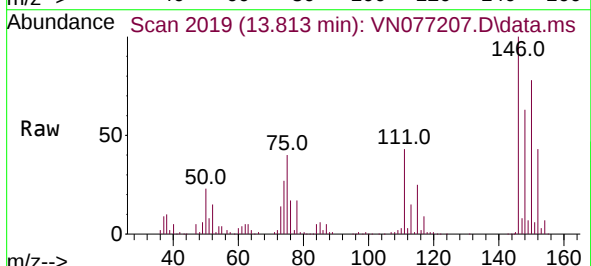
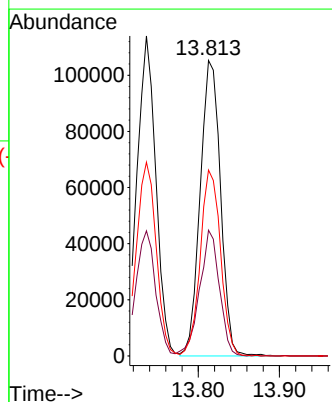
Tgt Ion:146 Resp: 183340

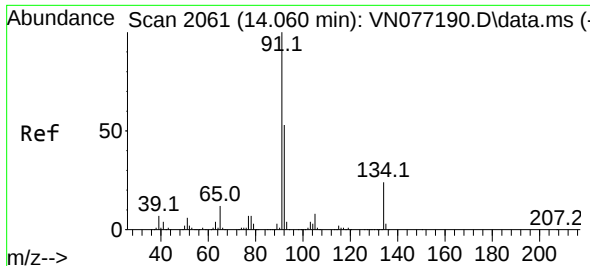
Ion Ratio Lower Upper

146 100

111 41.4 20.0 60.0

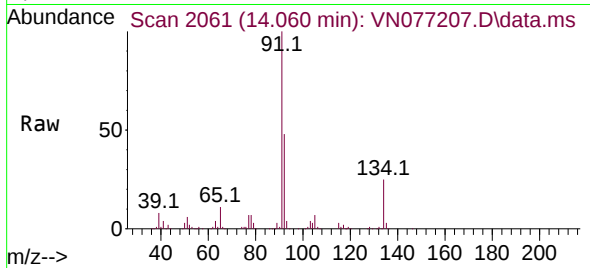
148 62.7 31.8 95.4





#89
n-Butylbenzene
Concen: 19.114 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

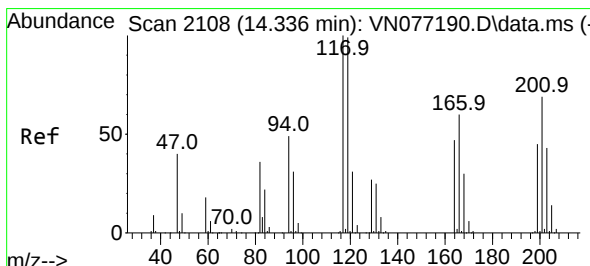
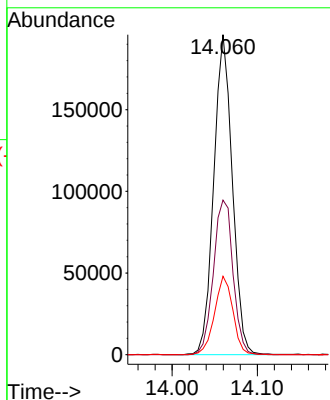
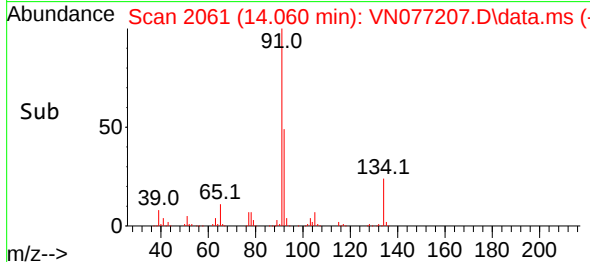
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02



Tgt Ion: 91 Resp: 296240
Ion Ratio Lower Upper
91 100
92 51.1 26.6 79.7
134 24.2 13.6 40.7

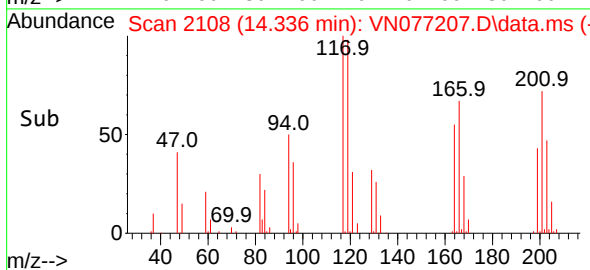
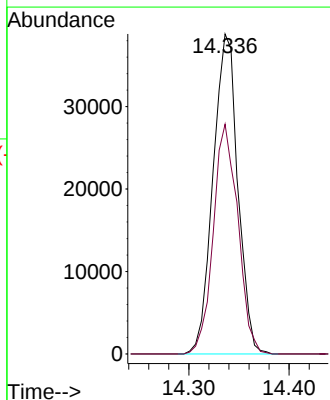
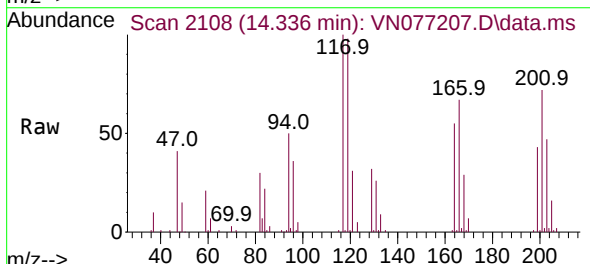
Manual Integrations
APPROVED

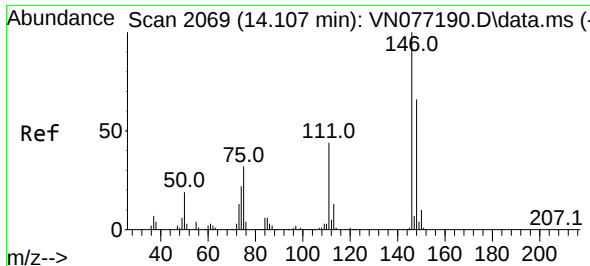
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#90
Hexachloroethane
Concen: 18.845 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

Tgt Ion:117 Resp: 66389
Ion Ratio Lower Upper
117 100
201 71.3 31.9 95.7





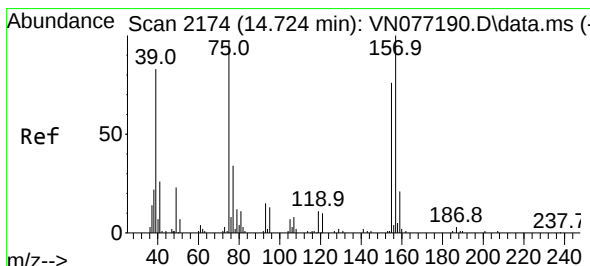
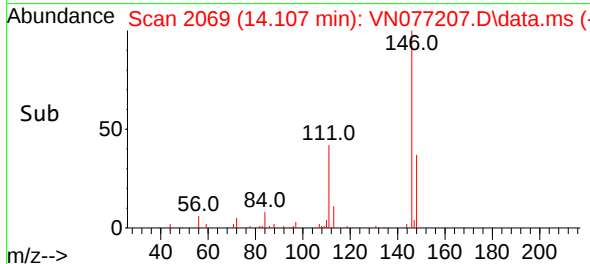
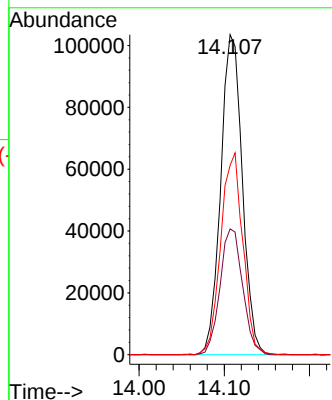
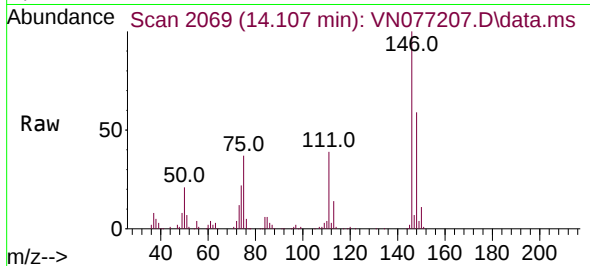
#91
1,2-Dichlorobenzene
Concen: 18.714 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02

Tgt Ion:146 Resp: 182230
Ion Ratio Lower Upper
146 100
111 41.1 21.4 64.2
148 64.4 32.0 96.0

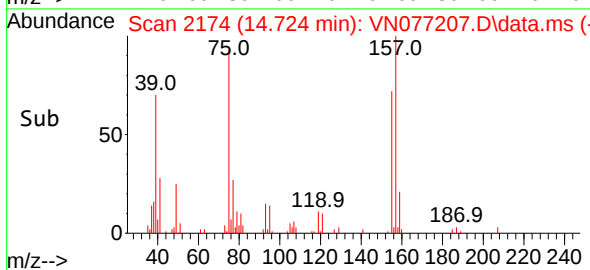
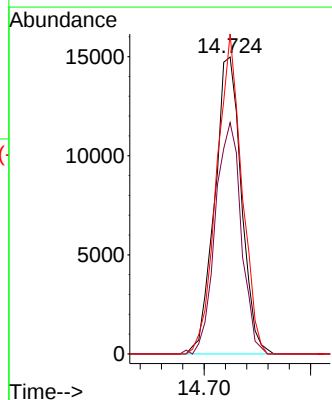
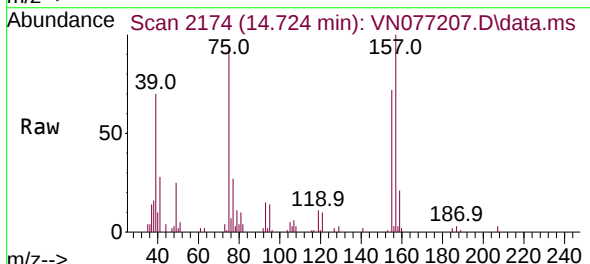
Manual Integrations
APPROVED

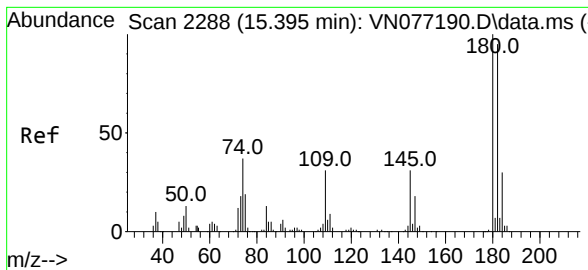
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.732 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

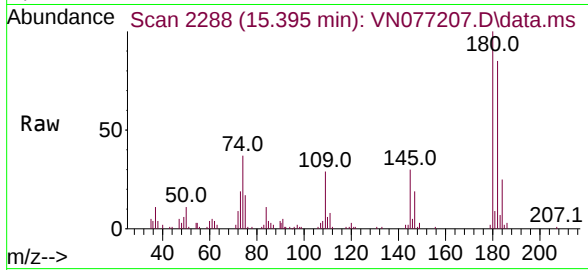
Tgt Ion: 75 Resp: 26014
Ion Ratio Lower Upper
75 100
155 75.9 44.3 132.8
157 101.9 58.3 174.8





#93
1,2,4-Trichlorobenzene
Concen: 18.242 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41

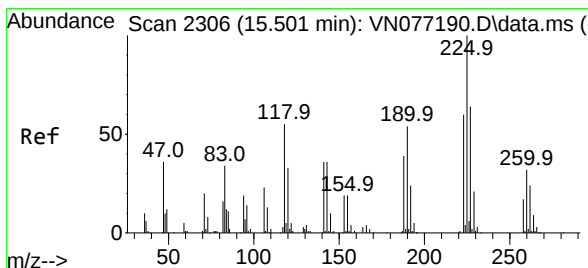
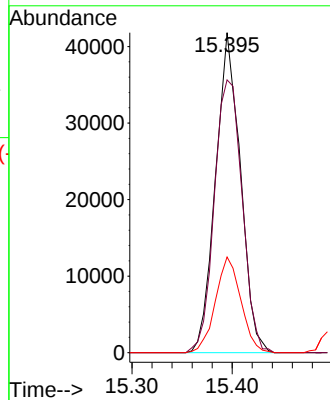
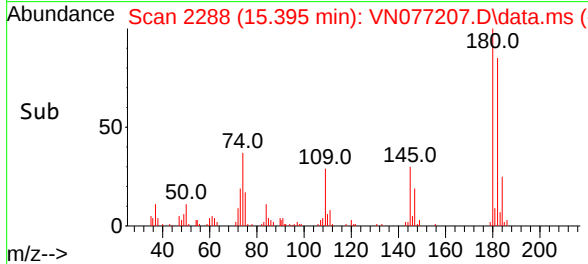
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS02



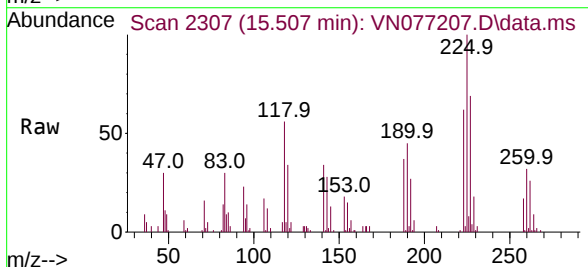
Tgt Ion:180 Resp: 72060
Ion Ratio Lower Upper
180 100
182 95.2 47.4 142.2
145 30.6 15.8 47.3

Manual Integrations
APPROVED

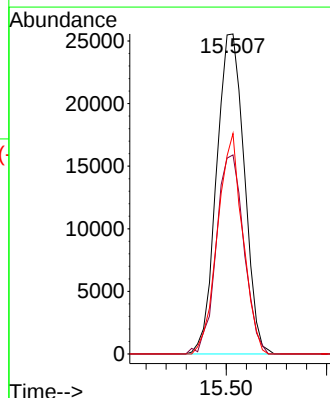
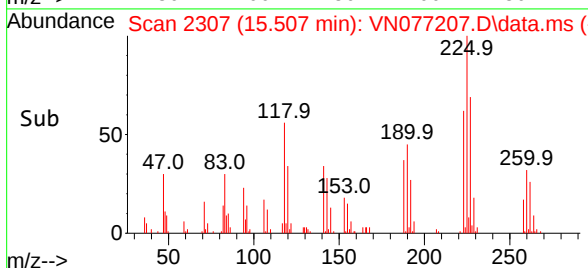
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

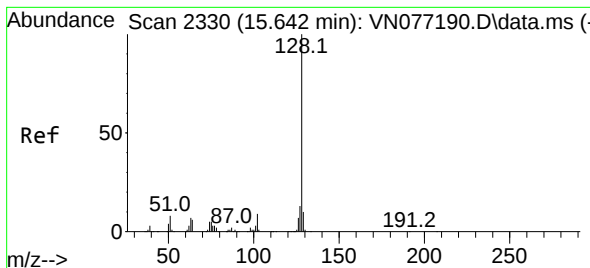


#94
Hexachlorobutadiene
Concen: 19.859 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. 0.006 min
Lab File: VN077207.D
Acq: 27 Mar 2023 17:41



Tgt Ion:225 Resp: 49055
Ion Ratio Lower Upper
225 100
223 61.8 31.4 94.0
227 62.6 30.9 92.7





#95

Naphthalene

Concen: 17.445 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN077207.D

Acq: 27 Mar 2023 17:41

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBS02

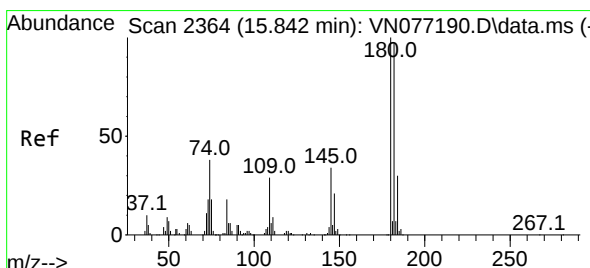
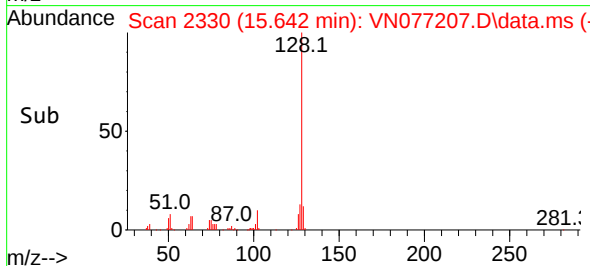
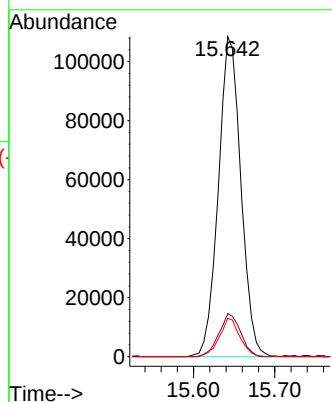
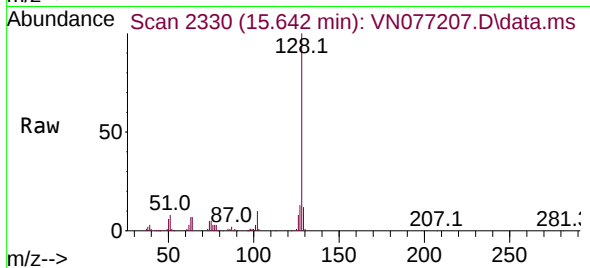
Tgt Ion:128 Resp: 209250
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.2 15.4
 129 11.0 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#96

1,2,3-Trichlorobenzene

Concen: 18.585 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN077207.D

Acq: 27 Mar 2023 17:41

Tgt Ion:180 Resp: 71766
 Ion Ratio Lower Upper
 180 100
 182 92.5 47.7 143.1
 145 32.0 17.0 51.0

