

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050423\
 Data File : VN077580.D
 Acq On : 04 May 2023 15:35
 Operator : JC\MD
 Sample : VN0504WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504WBSD02

Manual Integrations
 APPROVED

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

Quant Time: May 05 04:10:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	812896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1489452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1347227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	556517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	495613	46.724	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.440%		
35) Dibromofluoromethane	8.172	113	478761	53.479	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.960%		
50) Toluene-d8	10.572	98	1759828	51.292	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.580%		
62) 4-Bromofluorobenzene	12.854	95	618992	55.142	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	189326	18.441	ug/l	98
3) Chloromethane	2.372	50	129790	15.928	ug/l	99
4) Vinyl Chloride	2.525	62	179551	16.541	ug/l	92
5) Bromomethane	2.960	94	169009	17.974	ug/l	100
6) Chloroethane	3.131	64	127043	15.405	ug/l	96
7) Trichlorofluoromethane	3.507	101	313500	19.650	ug/l	99
8) Diethyl Ether	3.972	74	110449	19.051	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.378	101	185245	19.964	ug/l	98
10) Methyl Iodide	4.601	142	230349	20.207	ug/l	95
11) Tert butyl alcohol	5.531	59	134714	79.111	ug/l	100
12) 1,1-Dichloroethene	4.349	96	167772	18.494	ug/l	98
13) Acrolein	4.190	56	93418	55.147	ug/l	97
14) Allyl chloride	5.031	41	166512	16.510	ug/l	94
15) Acrylonitrile	5.731	53	334517	86.595	ug/l	99
16) Acetone	4.437	43	281843	83.518	ug/l	93
17) Carbon Disulfide	4.725	76	393028	17.050	ug/l	99
18) Methyl Acetate	5.037	43	215534	16.539	ug/l	93
19) Methyl tert-butyl Ether	5.807	73	584197	19.364	ug/l	95
20) Methylene Chloride	5.290	84	201972	18.872	ug/l	86
21) trans-1,2-Dichloroethene	5.790	96	190315	19.401	ug/l	93
22) Diisopropyl ether	6.678	45	391132	16.897	ug/l	92
23) Vinyl Acetate	6.613	43	1359634m	94.053	ug/l	
24) 1,1-Dichloroethane	6.578	63	301897	18.425	ug/l	98
25) 2-Butanone	7.489	43	392713	82.048	ug/l	92
26) 2,2-Dichloropropane	7.495	77	288750	18.175	ug/l	96
27) cis-1,2-Dichloroethene	7.495	96	231088	19.891	ug/l	92
28) Bromochloromethane	7.819	49	109885	17.562	ug/l #	76
29) Tetrahydrofuran	7.842	42	246567	82.219	ug/l	88
30) Chloroform	7.972	83	368263	19.943	ug/l	95
31) Cyclohexane	8.266	56	243880	16.230	ug/l	92
32) 1,1,1-Trichloroethane	8.172	97	344184	20.274	ug/l	94
36) 1,1-Dichloropropene	8.378	75	252570	19.528	ug/l	98
37) Ethyl Acetate	7.566	43	160543	16.335	ug/l	96
38) Carbon Tetrachloride	8.372	117	300631	21.068	ug/l	93
39) Methylcyclohexane	9.601	83	344917	20.242	ug/l	97
40) Benzene	8.607	78	798125	20.257	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	85310	16.666	ug/l	91
42) 1,2-Dichloroethane	8.672	62	254212	18.785	ug/l	95
43) Isopropyl Acetate	8.689	43	281720	16.570	ug/l #	91
44) Trichloroethene	9.354	130	214952	21.308	ug/l	98
45) 1,2-Dichloropropane	9.625	63	171836	18.618	ug/l	91
46) Dibromomethane	9.707	93	151921	20.286	ug/l	93
47) Bromodichloromethane	9.889	83	295185	20.378	ug/l	97
48) Methyl methacrylate	9.683	41	124973	16.148	ug/l	87
49) 1,4-Dioxane	9.701	88	76048	391.742	ug/l	92
51) 4-Methyl-2-Pentanone	10.448	43	821544	82.380	ug/l	94
52) Toluene	10.630	92	552924	21.422	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	296275	20.199	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	314500	19.698	ug/l #	91
55) 1,1,2-Trichloroethane	11.019	97	216398	20.849	ug/l	96
56) Ethyl methacrylate	10.878	69	284364	19.552	ug/l #	87
57) 1,3-Dichloropropane	11.166	76	338603	20.481	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.160	63	421175	85.618	ug/l	91
59) 2-Hexanone	11.195	43	597843	82.473	ug/l	92
60) Dibromochloromethane	11.360	129	228042	21.170	ug/l	97
61) 1,2-Dibromoethane	11.472	107	226705	21.394	ug/l	100
64) Tetrachloroethene	11.107	164	173341	21.494	ug/l	96
65) Chlorobenzene	11.895	112	590762	20.722	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.966	131	215564	20.783	ug/l	98
67) Ethyl Benzene	11.966	91	1025996	20.444	ug/l	99
68) m/p-Xylenes	12.072	106	841174	43.126	ug/l	97
69) o-Xylene	12.401	106	412311	21.491	ug/l	98
70) Styrene	12.413	104	656882	21.894	ug/l	98
71) Bromoform	12.583	173	140540	20.711	ug/l #	99
73) Isopropylbenzene	12.701	105	1061753	20.560	ug/l	98
74) N-amyl acetate	12.495	43	226443	14.811	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.942	83	298864	18.419	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	249072m	19.246	ug/l	
77) Bromobenzene	12.983	156	228084	20.265	ug/l	93
78) n-propylbenzene	13.036	91	1141126	19.984	ug/l	98
79) 2-Chlorotoluene	13.130	91	694739	19.734	ug/l	96
80) 1,3,5-Trimethylbenzene	13.177	105	827639	21.581	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.736	75	88585	19.339	ug/l	93
82) 4-Chlorotoluene	13.224	91	685399	20.834	ug/l	99
83) tert-Butylbenzene	13.442	119	758238	20.359	ug/l	98
84) 1,2,4-Trimethylbenzene	13.489	105	769983	21.498	ug/l	98
85) sec-Butylbenzene	13.619	105	1053260	20.603	ug/l	98
86) p-Isopropyltoluene	13.736	119	826902	21.023	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	416950	20.831	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	410174	20.754	ug/l	99
89) n-Butylbenzene	14.060	91	612183	20.112	ug/l	98
90) Hexachloroethane	14.336	117	152244	17.520	ug/l	95
91) 1,2-Dichlorobenzene	14.107	146	411838	20.745	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	51805	17.265	ug/l	90
93) 1,2,4-Trichlorobenzene	15.395	180	98712	20.507	ug/l	96
94) Hexachlorobutadiene	15.507	225	88453	22.048	ug/l	96
95) Naphthalene	15.642	128	357130	20.192	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	91992	20.400	ug/l	95

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Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:50:59 2023
Response via : Initial Calibration

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

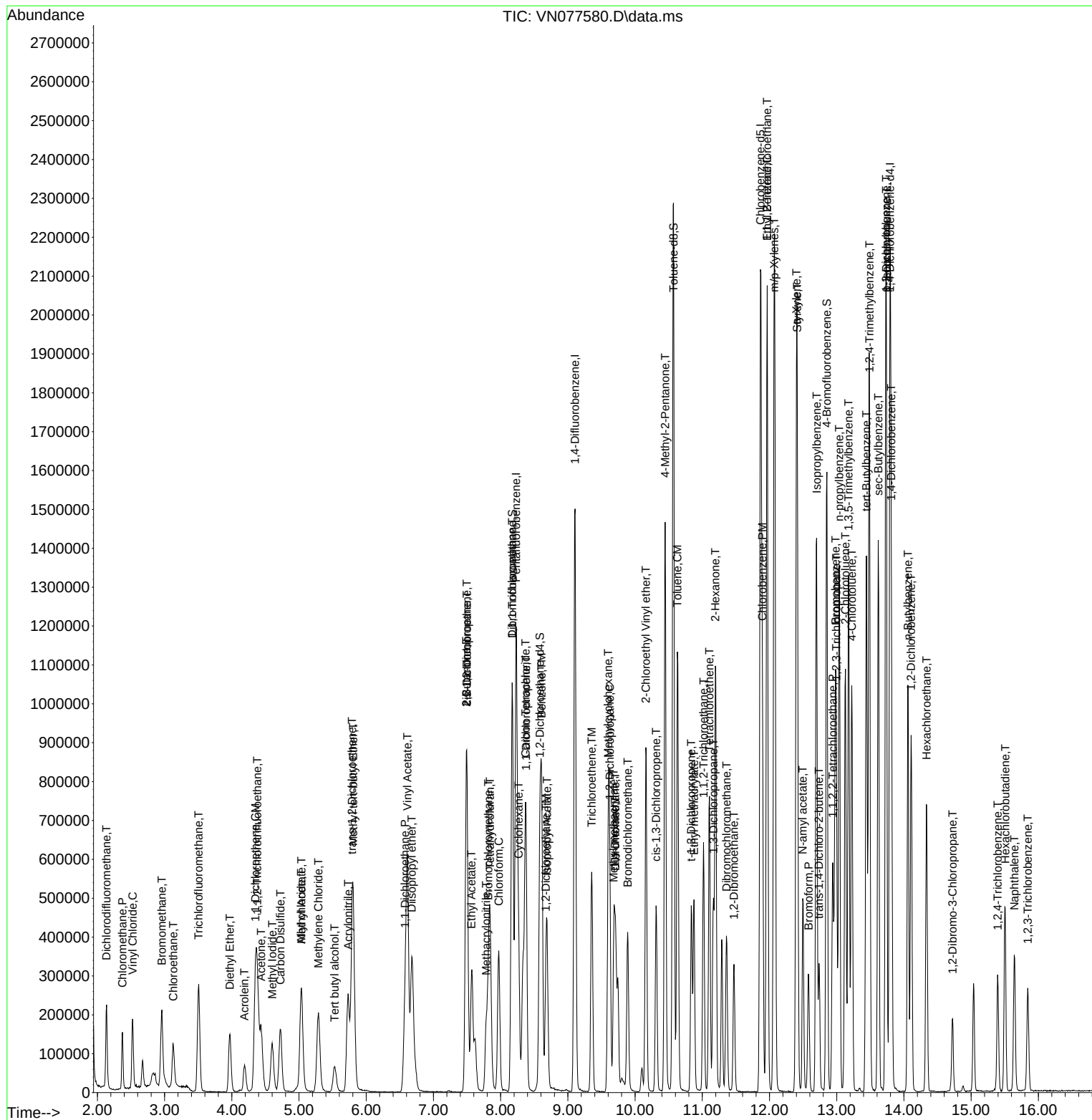
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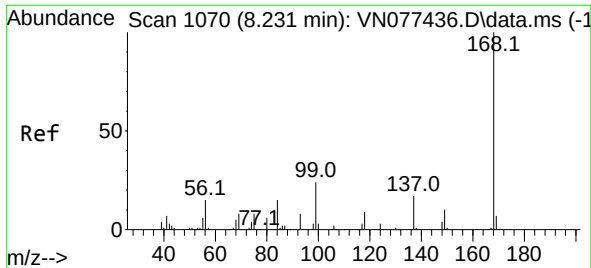
Instrument :
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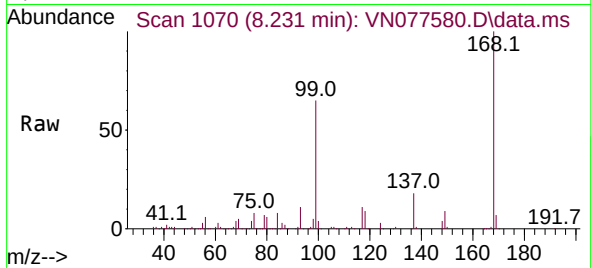
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077580.D
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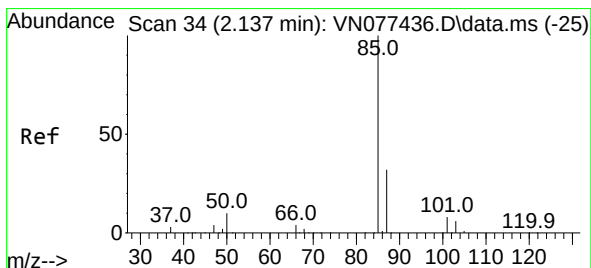
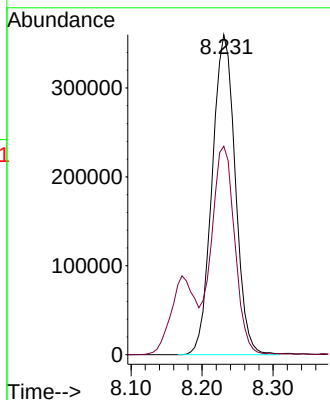
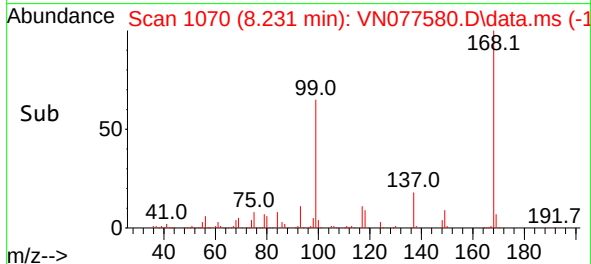
Instrument :
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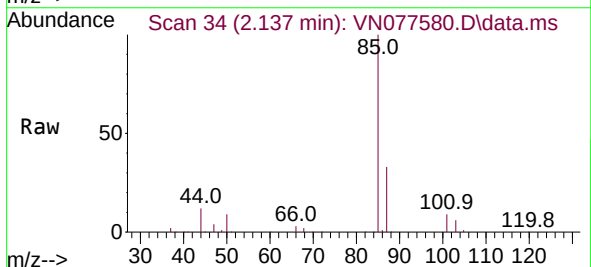
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Ion Ratio Lower Upper
168 100
99 64.8 53.0 79.6

Manual Integrations
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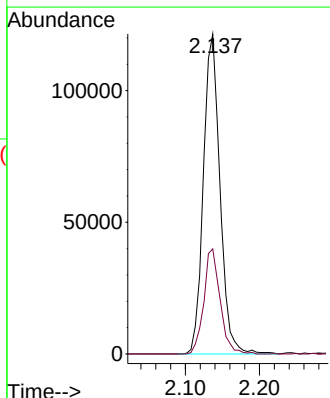
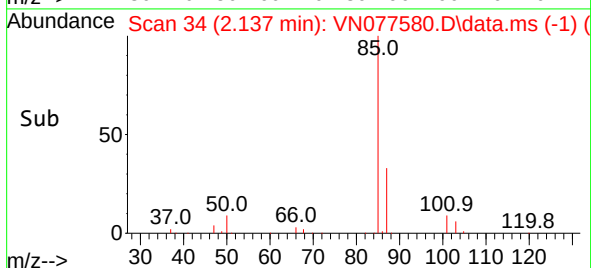
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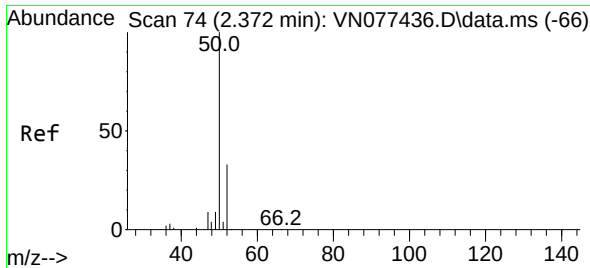


#2
Dichlorodifluoromethane
Concen: 18.441 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35



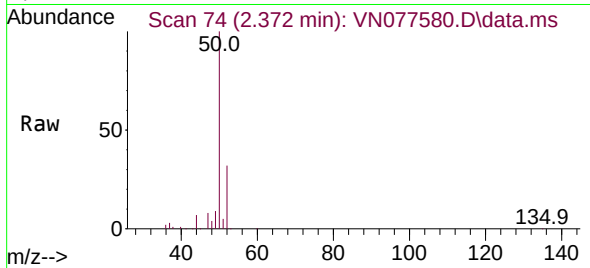
Tgt Ion: 85 Resp: 189326
Ion Ratio Lower Upper
85 100
87 32.8 15.8 47.4





#3
Chloromethane
Concen: 15.928 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

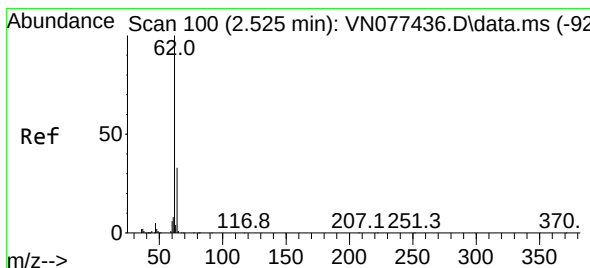
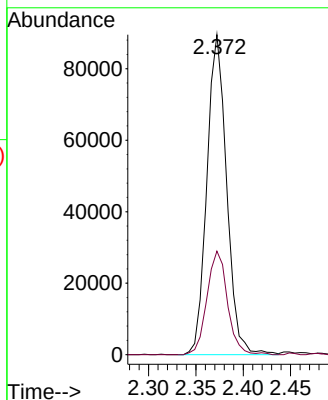
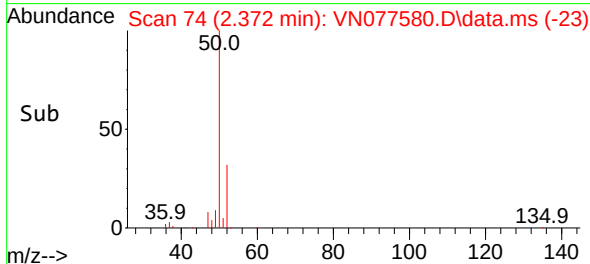
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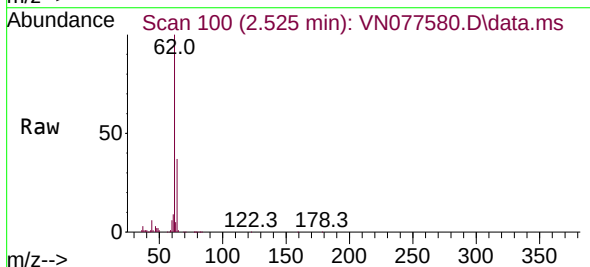
Tgt Ion: 50 Resp: 129790
Ion Ratio Lower Upper
50 100
52 32.4 26.5 39.7

Manual Integrations
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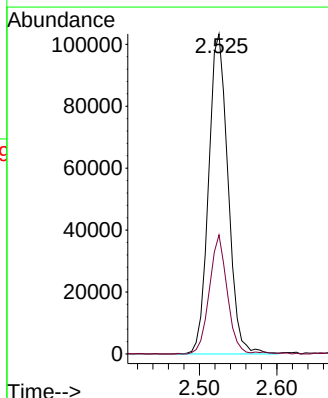
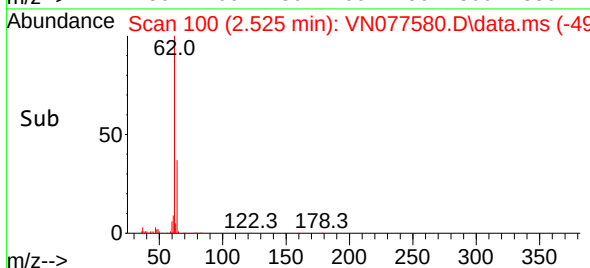
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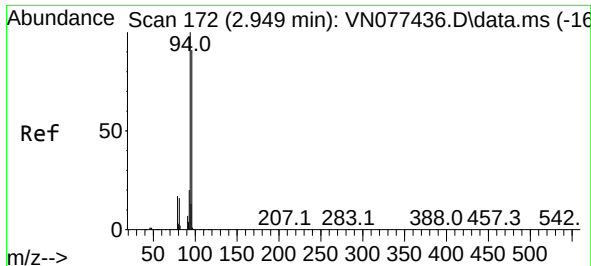


#4
Vinyl Chloride
Concen: 16.541 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35



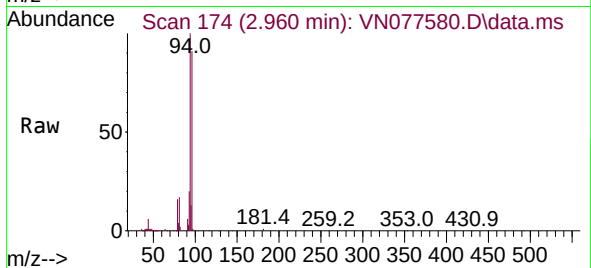
Tgt Ion: 62 Resp: 179551
Ion Ratio Lower Upper
62 100
64 37.0 26.2 39.2





#5
Bromomethane
Concen: 17.974 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

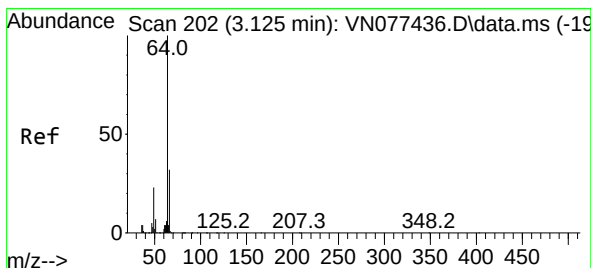
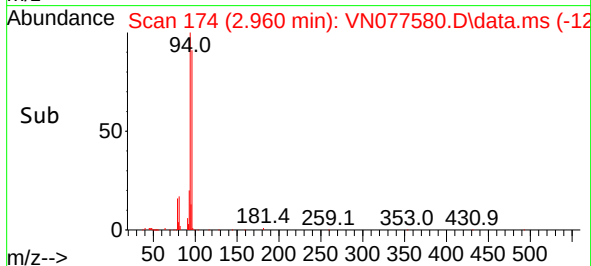
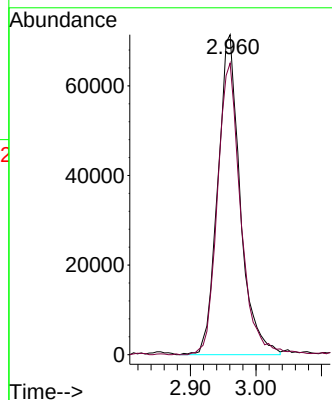
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Tgt Ion: 94 Resp: 169009
Ion Ratio Lower Upper
94 100
96 91.1 73.1 109.7

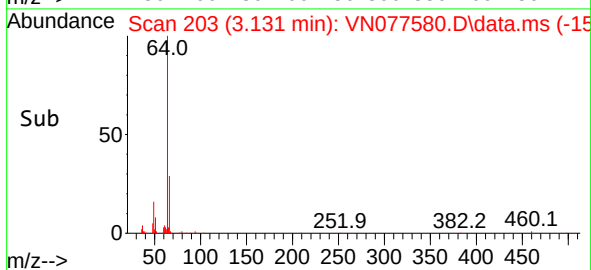
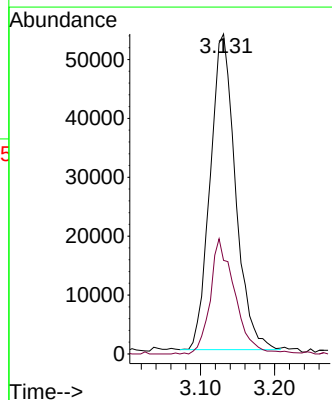
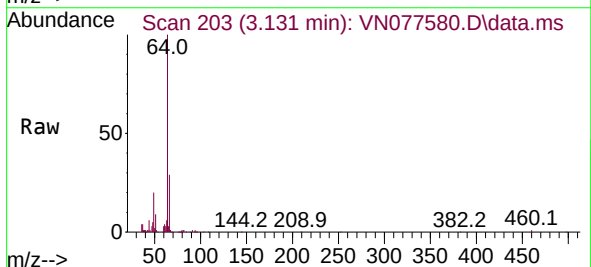
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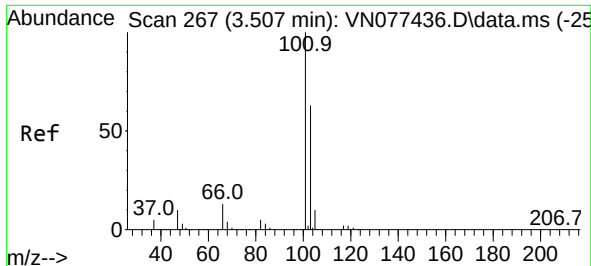
Reviewed By :John Carlone 05/05/2023
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#6
Chloroethane
Concen: 15.405 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

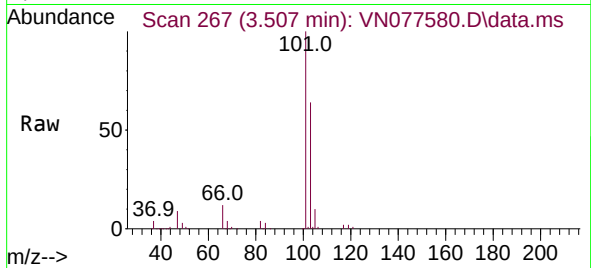
Tgt Ion: 64 Resp: 127043
Ion Ratio Lower Upper
64 100
66 29.7 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 19.650 ug/l
 RT: 3.507 min Scan# 267
 Delta R.T. -0.000 min
 Lab File: VN077580.D
 Acq: 04 May 2023 15:35

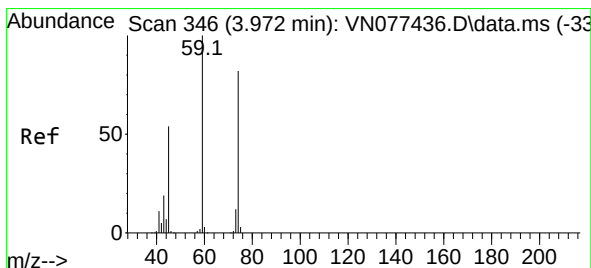
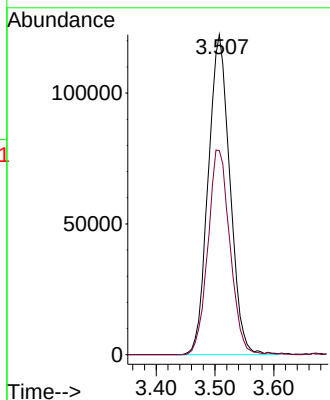
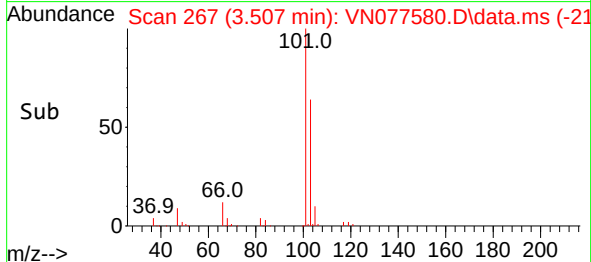
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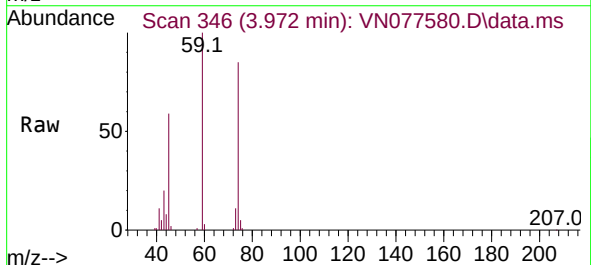
Tgt Ion:101 Resp: 313500
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.7 76.1

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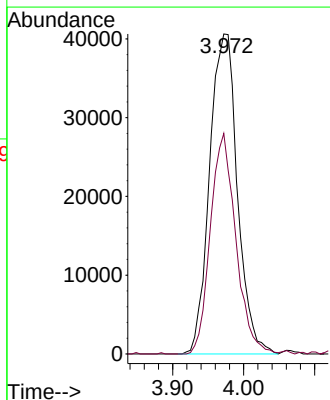
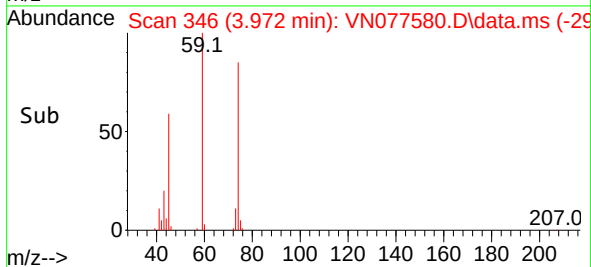
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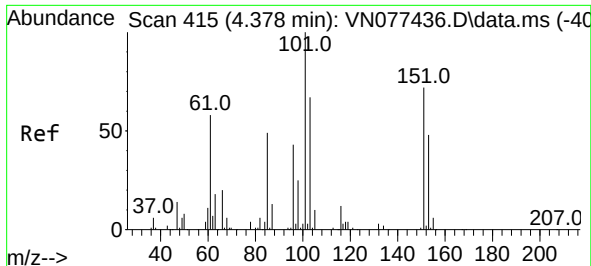


#8
 Diethyl Ether
 Concen: 19.051 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.000 min
 Lab File: VN077580.D
 Acq: 04 May 2023 15:35



Tgt Ion: 74 Resp: 110449
 Ion Ratio Lower Upper
 74 100
 45 63.0 34.4 103.3





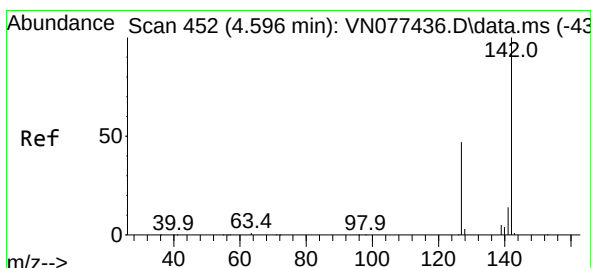
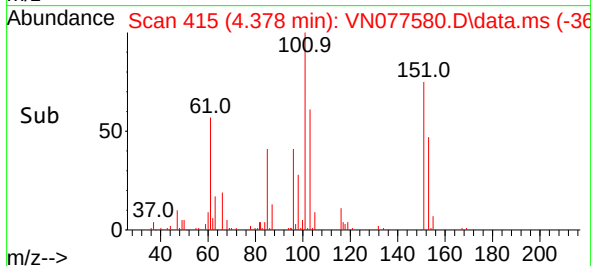
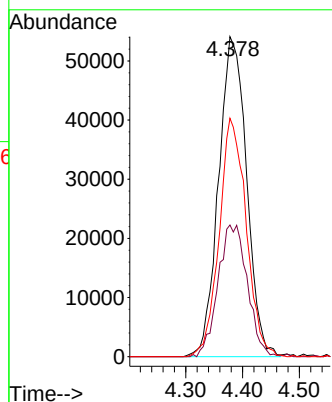
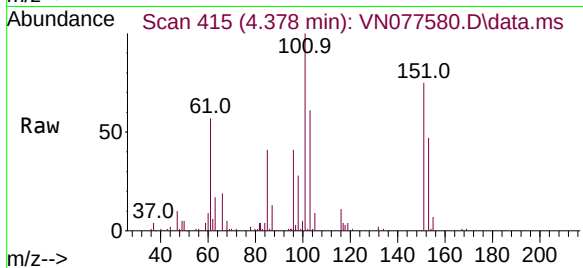
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.964 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD02

Tgt Ion:101 Resp: 185249
Ion Ratio Lower Upper
101 100
85 43.0 36.6 55.0
151 71.8 57.6 86.4

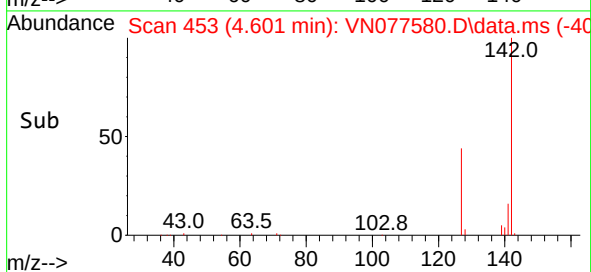
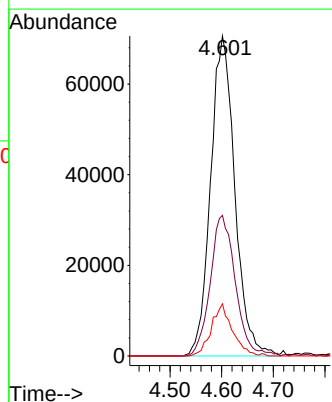
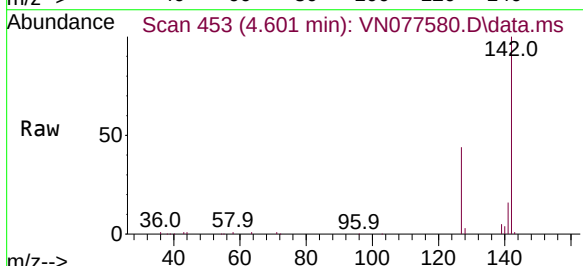
Manual Integrations
APPROVED

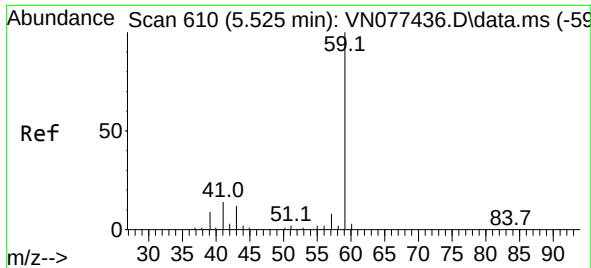
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#10
Methyl Iodide
Concen: 20.207 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

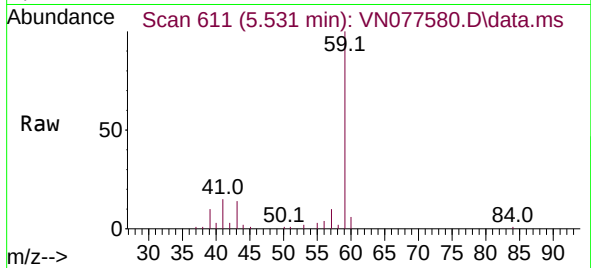
Tgt Ion:142 Resp: 230349
Ion Ratio Lower Upper
142 100
127 43.9 37.6 56.4
141 16.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 79.111 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

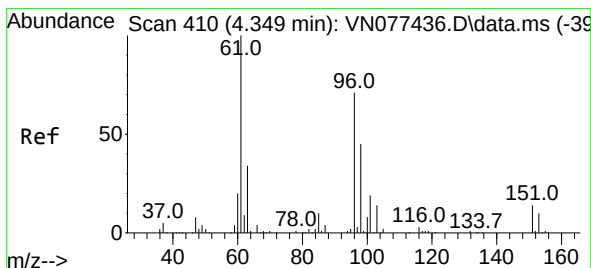
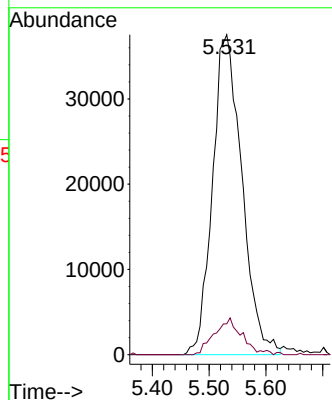
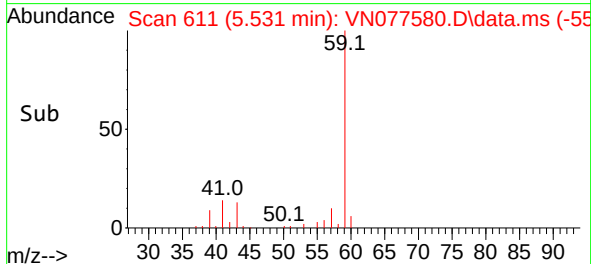
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD02



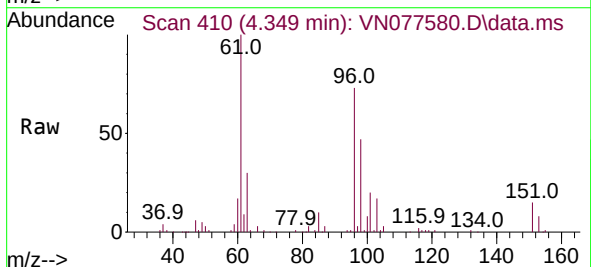
Tgt Ion: 59 Resp: 134714
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

Manual Integrations
APPROVED

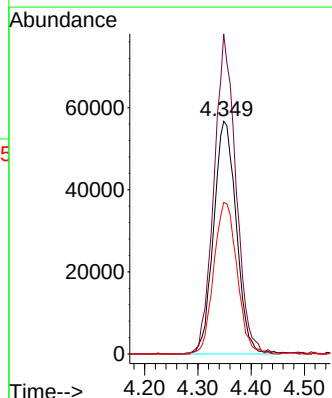
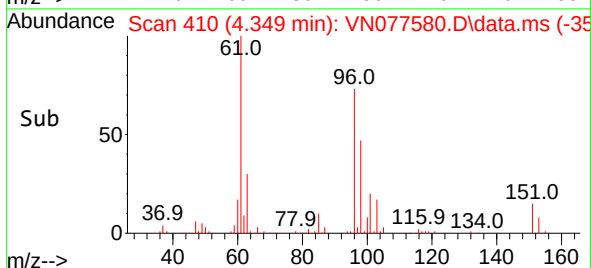
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

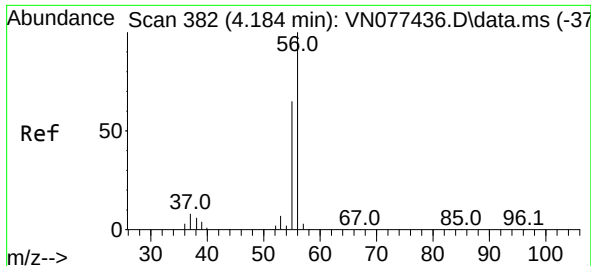


#12
1,1-Dichloroethene
Concen: 18.494 ug/l
RT: 4.349 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35



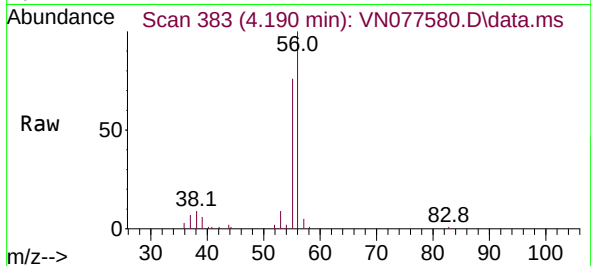
Tgt Ion: 96 Resp: 167772
Ion Ratio Lower Upper
96 100
61 137.5 112.7 169.1
98 65.1 51.2 76.8





#13
Acrolein
Concen: 55.147 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

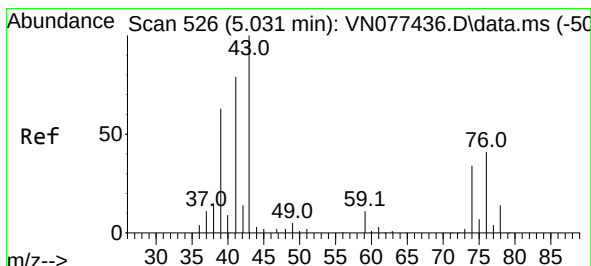
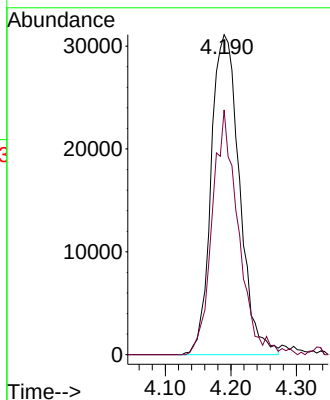
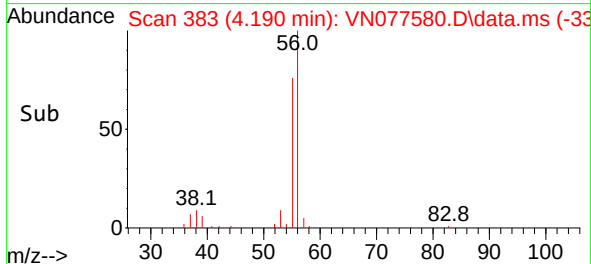
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD02



Tgt Ion: 56 Resp: 93418
Ion Ratio Lower Upper
56 100
55 70.5 54.5 81.7

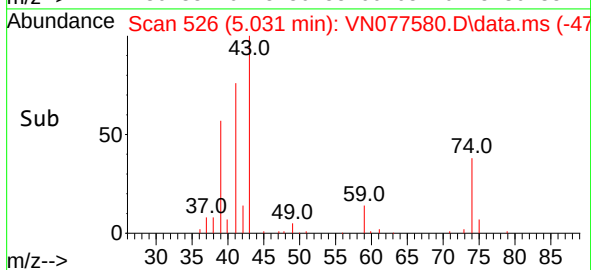
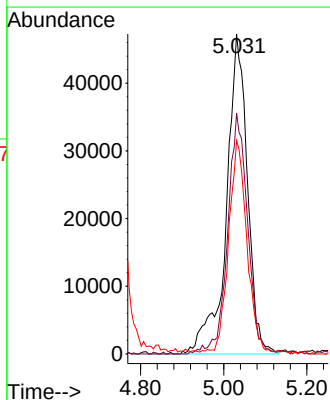
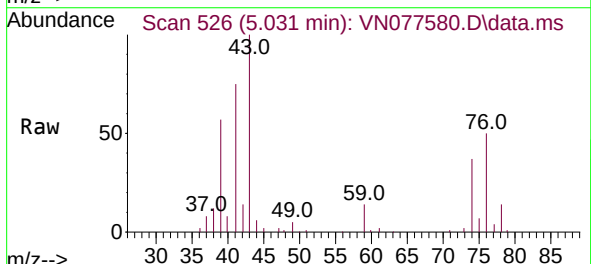
Manual Integrations
APPROVED

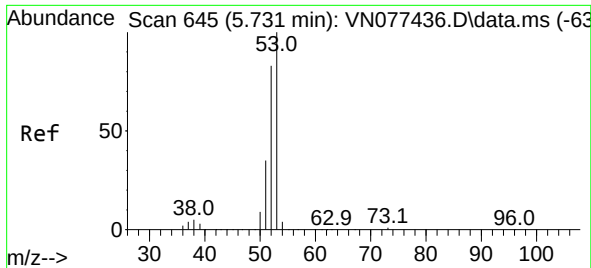
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#14
Allyl chloride
Concen: 16.510 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

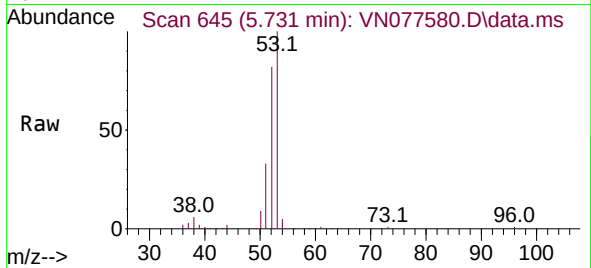
Tgt Ion: 41 Resp: 166512
Ion Ratio Lower Upper
41 100
39 71.0 58.8 88.2
76 56.5 39.1 58.7





#15
Acrylonitrile
Concen: 86.595 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

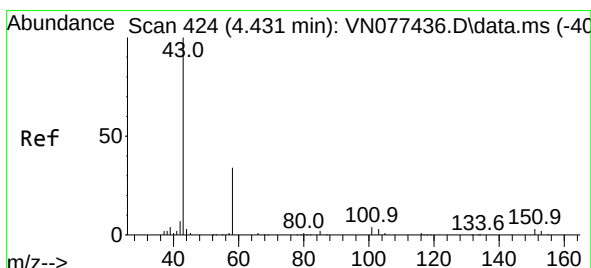
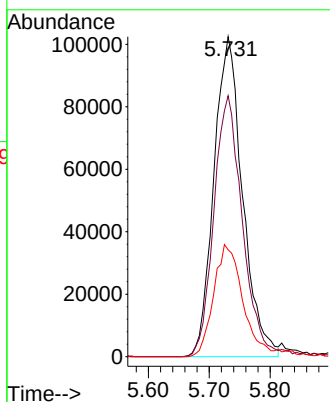
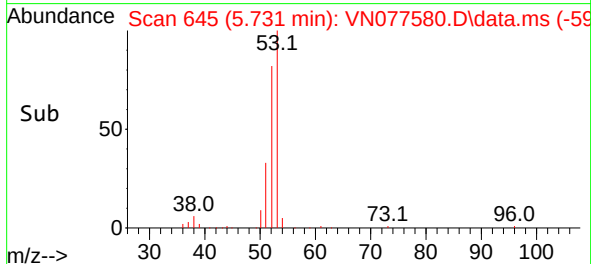
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD02



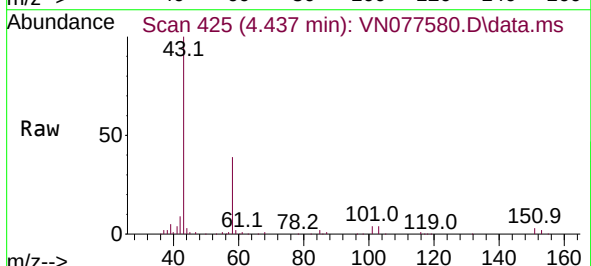
Tgt Ion: 53 Resp: 33451
Ion Ratio Lower Upper
53 100
52 82.1 65.3 97.9
51 35.6 28.9 43.3

Manual Integrations
APPROVED

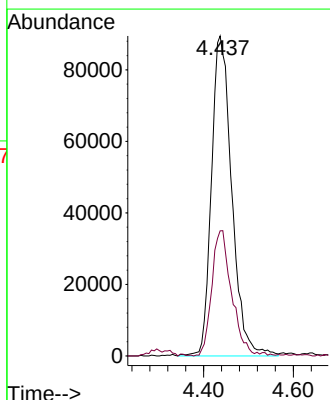
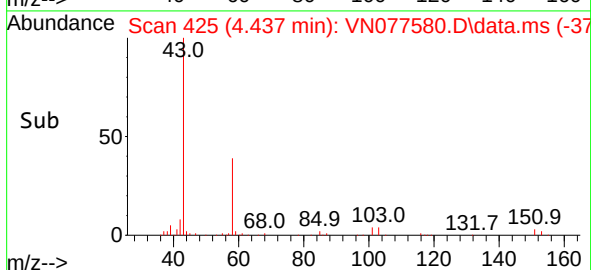
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

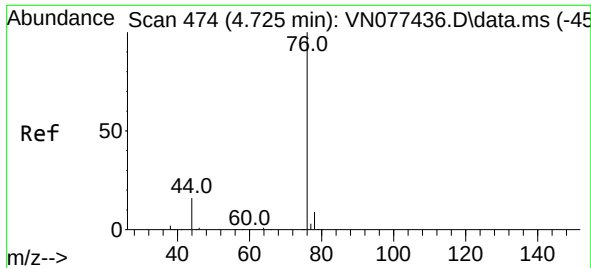


#16
Acetone
Concen: 83.518 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35



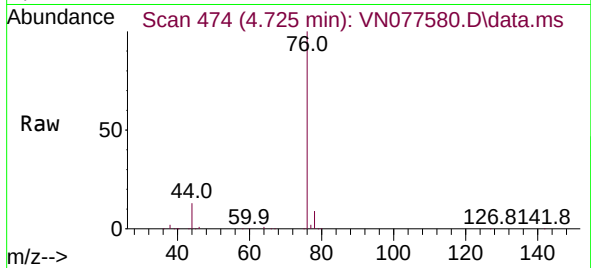
Tgt Ion: 43 Resp: 281843
Ion Ratio Lower Upper
43 100
58 39.1 28.0 42.0





#17
Carbon Disulfide
Concen: 17.050 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

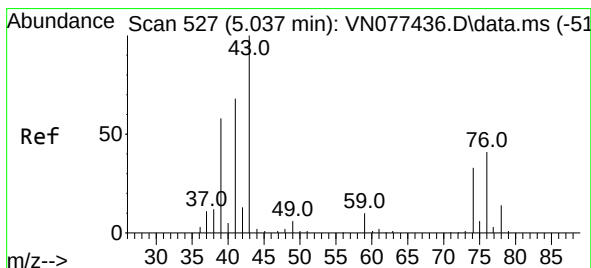
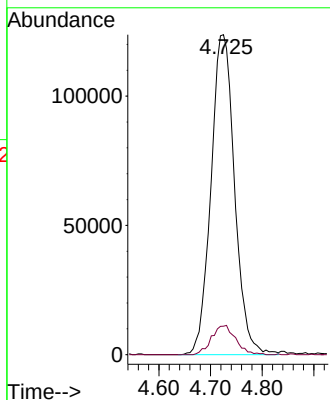
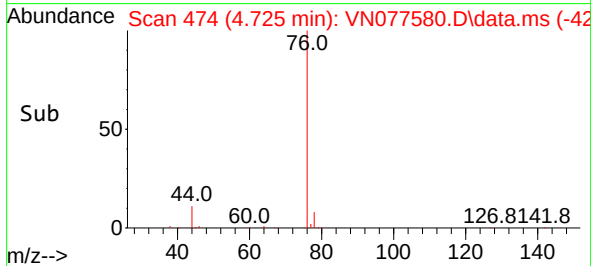
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD02



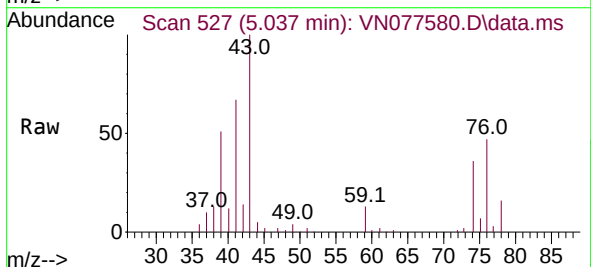
Tgt Ion: 76 Resp: 393028
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

Manual Integrations
APPROVED

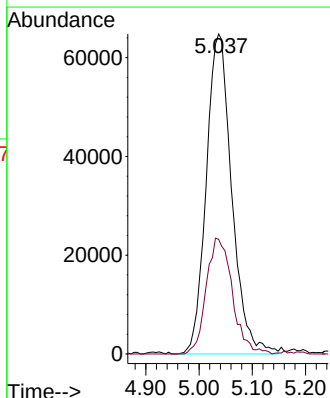
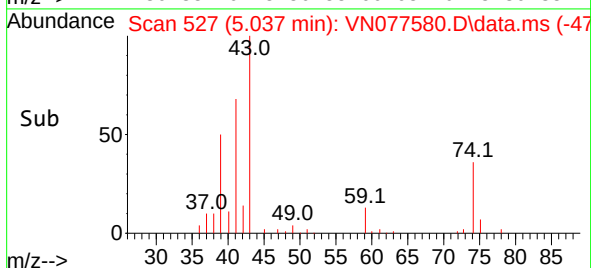
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

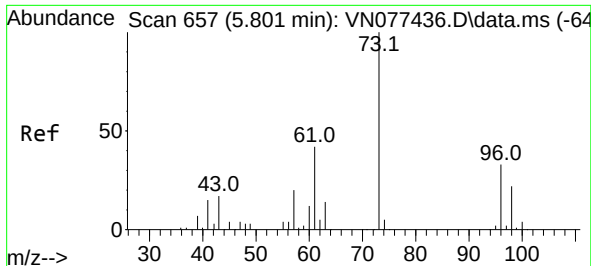


#18
Methyl Acetate
Concen: 16.539 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35



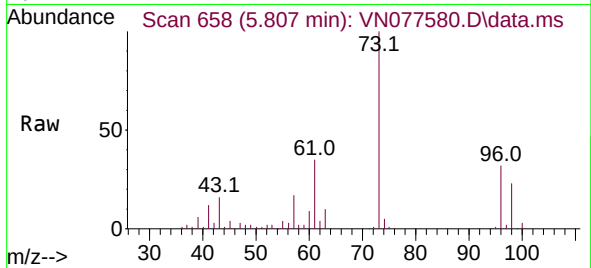
Tgt Ion: 43 Resp: 215534
Ion Ratio Lower Upper
43 100
74 37.0 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 19.364 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

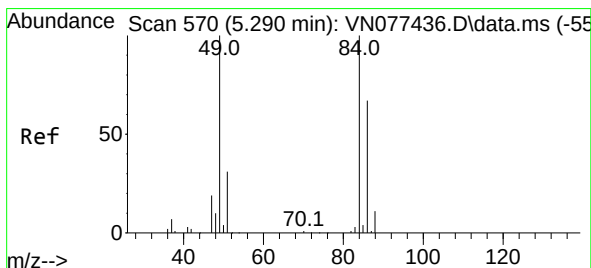
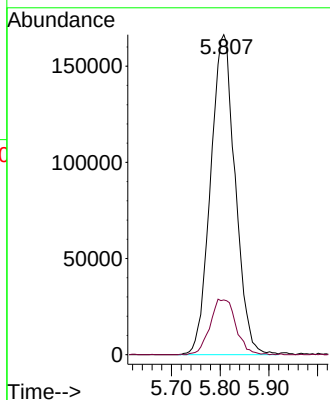
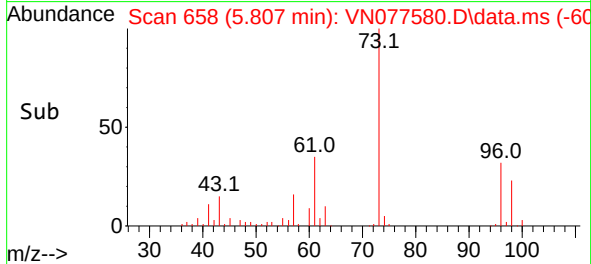
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD02



Tgt Ion: 73 Resp: 58419
Ion Ratio Lower Upper
73 100
57 17.1 15.6 23.4

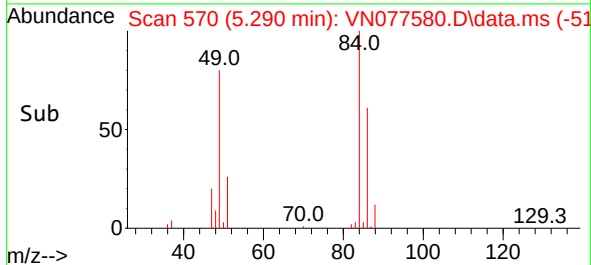
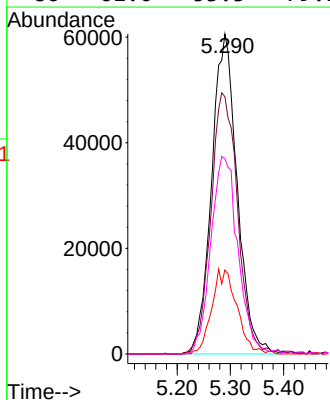
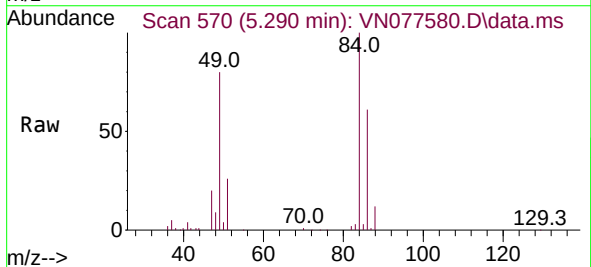
Manual Integrations
APPROVED

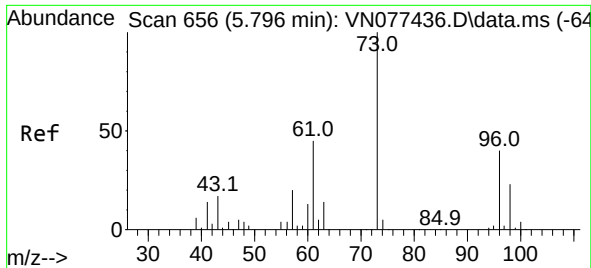
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#20
Methylene Chloride
Concen: 18.872 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

Tgt Ion: 84 Resp: 201972
Ion Ratio Lower Upper
84 100
49 80.4 79.7 119.5
51 26.3 25.2 37.8
86 61.0 53.3 79.9





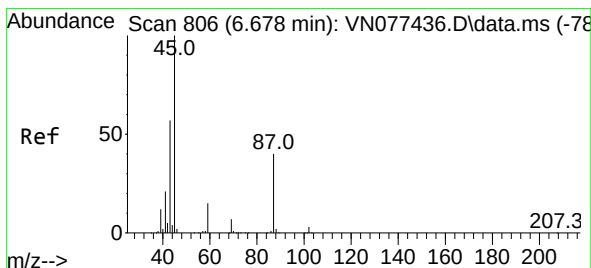
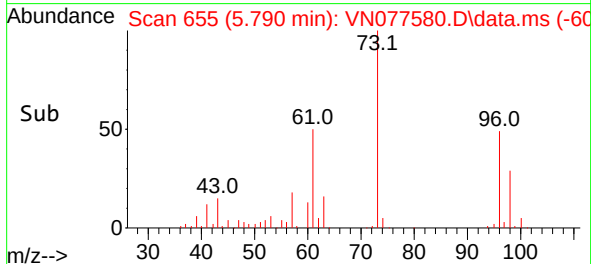
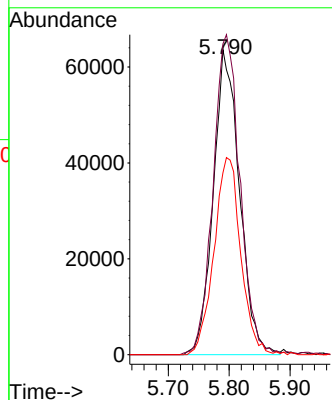
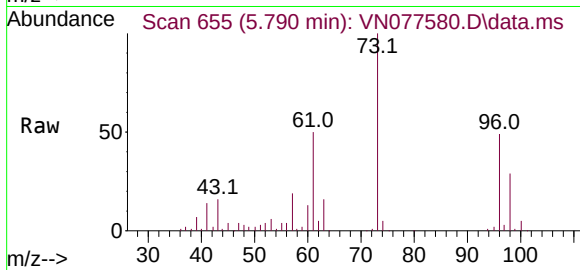
#21
trans-1,2-Dichloroethene
Concen: 19.401 ug/l
RT: 5.790 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD02

Tgt Ion: 96 Resp: 190315
Ion Ratio Lower Upper
96 100
61 101.8 90.1 135.1
98 59.6 46.4 69.6

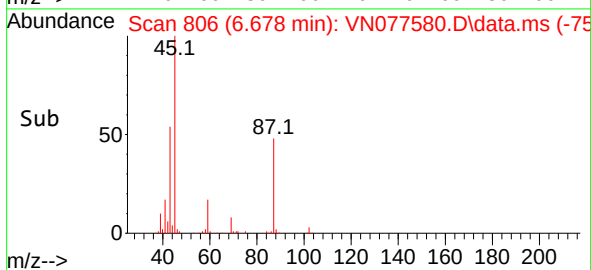
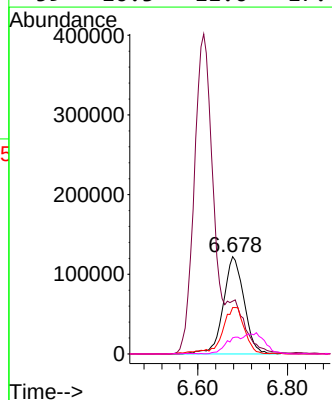
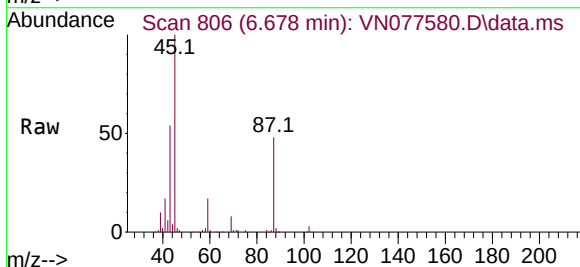
Manual Integrations
APPROVED

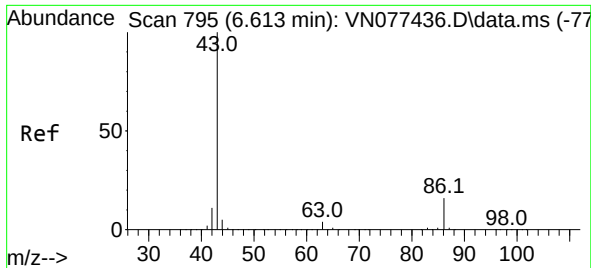
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#22
Diisopropyl ether
Concen: 16.897 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

Tgt Ion: 45 Resp: 391132
Ion Ratio Lower Upper
45 100
43 52.8 45.5 68.3
87 47.1 31.8 47.8
59 16.3 11.6 17.4





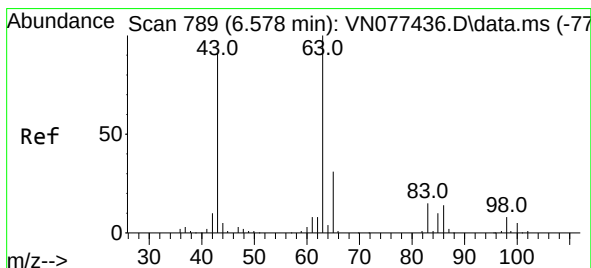
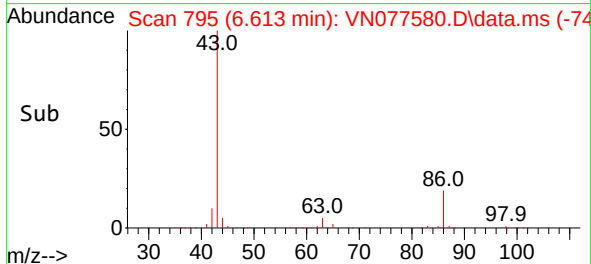
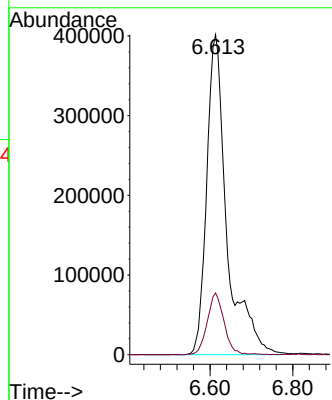
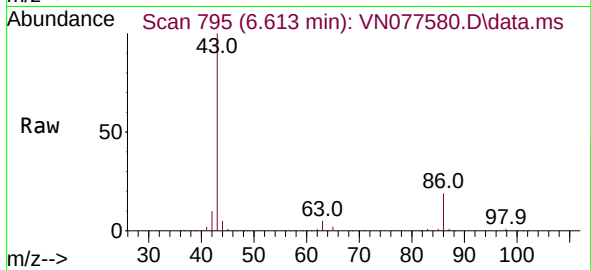
#23
 Vinyl Acetate
 Concen: 94.053 ug/l m
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077580.D
 Acq: 04 May 2023 15:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504WBSD02

Tgt Ion: 43 Resp: 1359634
 Ion Ratio Lower Upper
 43 100
 86 19.3 13.0 19.6

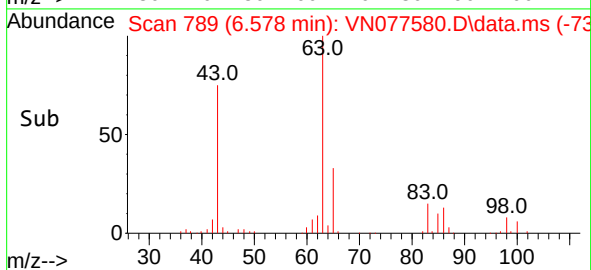
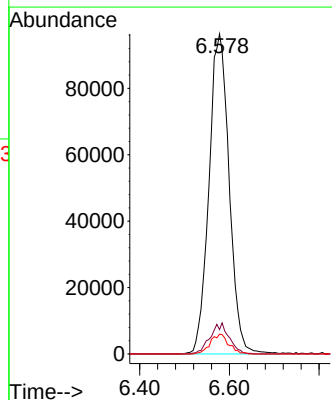
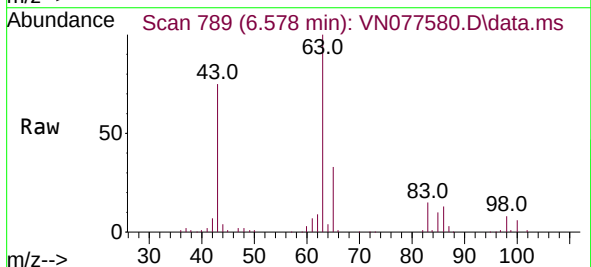
Manual Integrations
 APPROVED

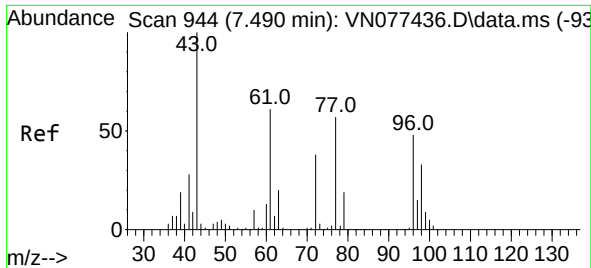
Reviewed By :John Carlone 05/05/2023
 Supervised By :Mahesh Dadoda 05/05/2023



#24
 1,1-Dichloroethane
 Concen: 18.425 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077580.D
 Acq: 04 May 2023 15:35

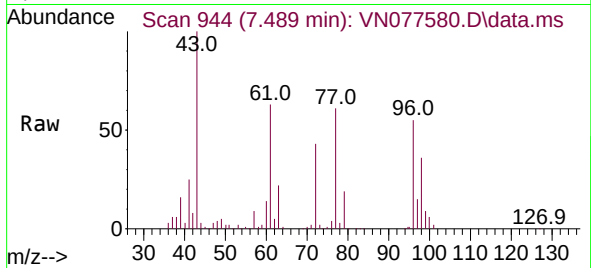
Tgt Ion: 63 Resp: 301897
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 6.2 2.5 7.4





#25
2-Butanone
Concen: 82.048 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

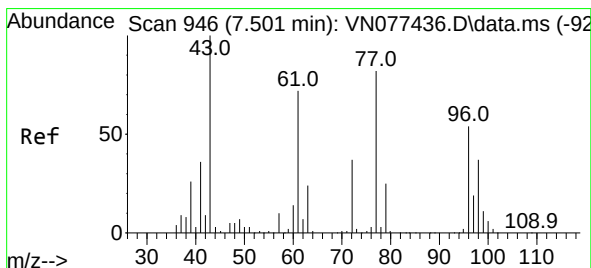
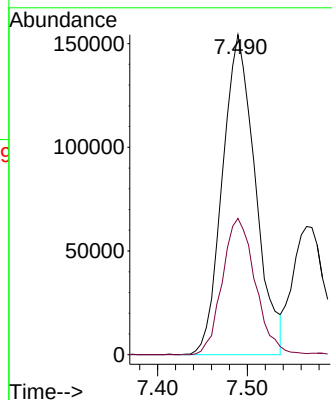
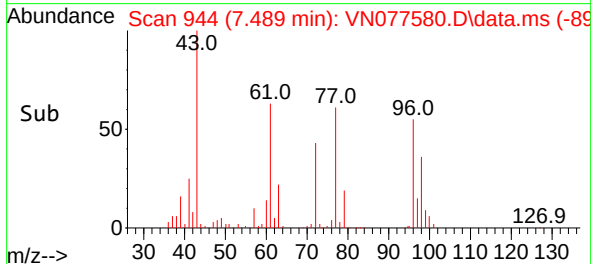
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD02



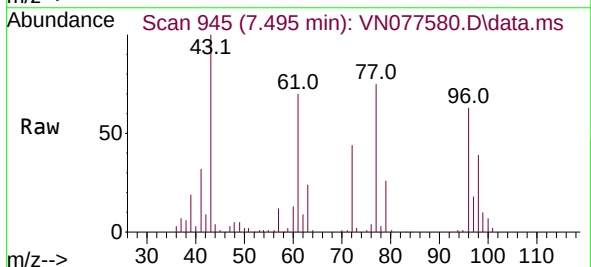
Tgt Ion: 43 Resp: 39271
Ion Ratio Lower Upper
43 100
72 42.6 30.2 45.2

Manual Integrations
APPROVED

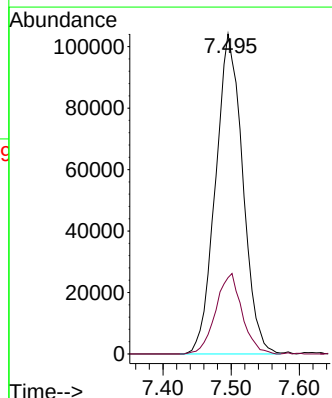
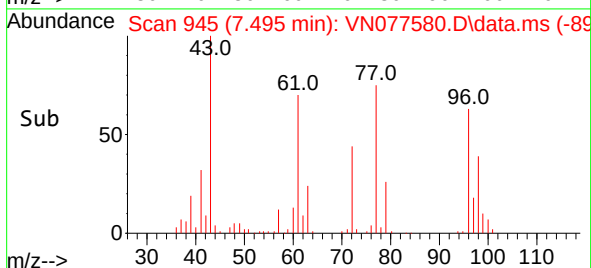
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

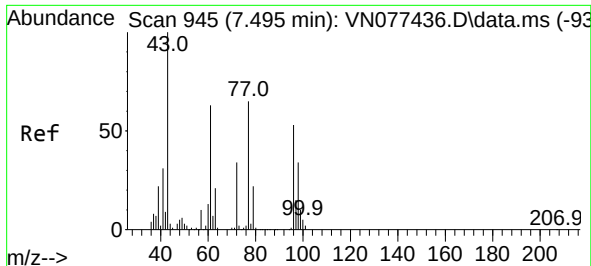


#26
2,2-Dichloropropane
Concen: 18.175 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35



Tgt Ion: 77 Resp: 288750
Ion Ratio Lower Upper
77 100
97 24.3 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 19.891 ug/l

RT: 7.495 min Scan# 94

Delta R.T. -0.000 min

Lab File: VN077580.D

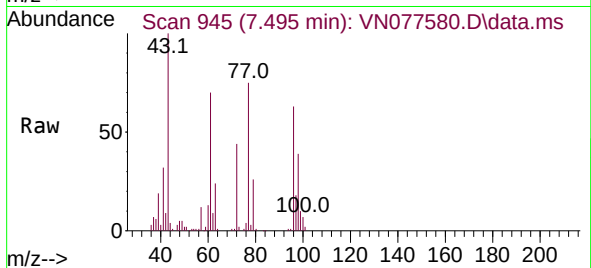
Acq: 04 May 2023 15:35

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBSD02



Tgt Ion: 96 Resp: 23108

Ion Ratio Lower Upper

96 100

61 114.9 0.0 255.2

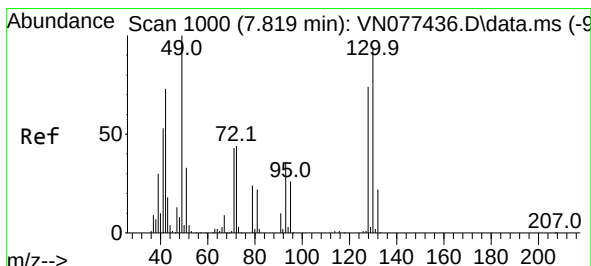
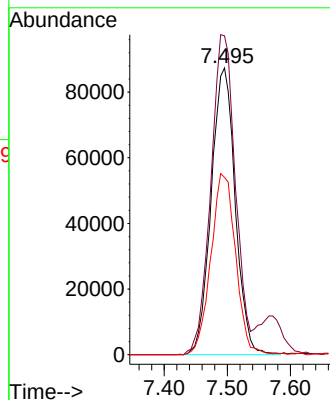
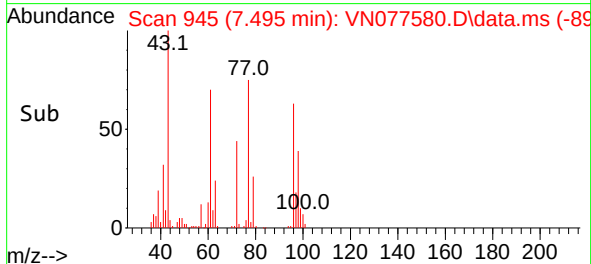
98 65.0 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#28

Bromochloromethane

Concen: 17.562 ug/l

RT: 7.819 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN077580.D

Acq: 04 May 2023 15:35

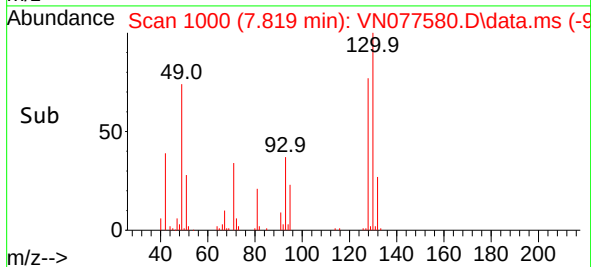
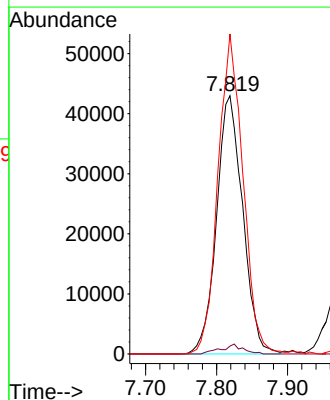
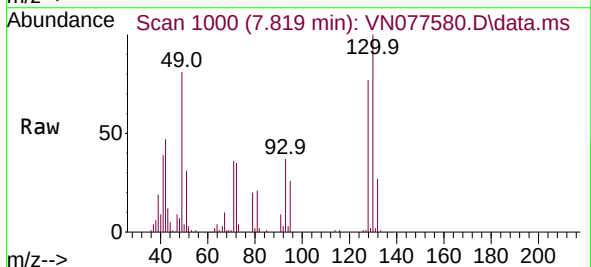
Tgt Ion: 49 Resp: 109885

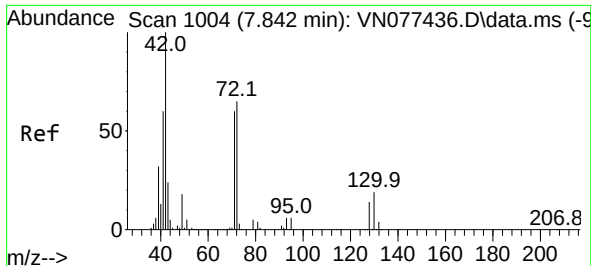
Ion Ratio Lower Upper

49 100

129 3.2 0.0 4.8

130 118.2 75.3 112.9#





#29

Tetrahydrofuran

Concen: 82.219 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VN077580.D

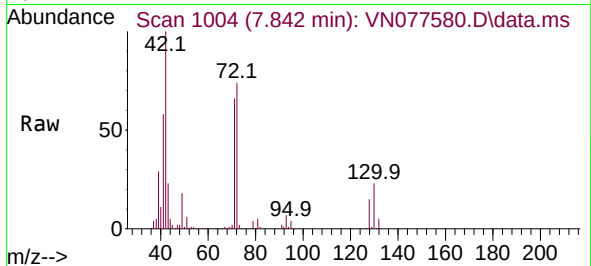
Acq: 04 May 2023 15:35

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBSD02



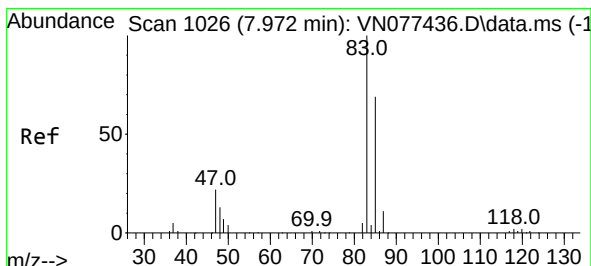
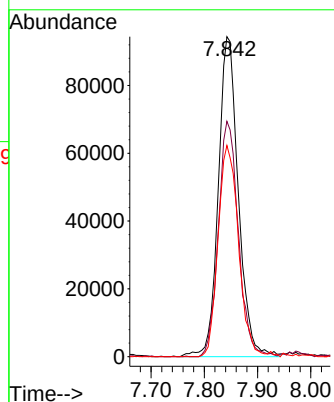
Tgt Ion:	42	Resp:	24656
Ion Ratio	Lower	Upper	
42	100		
72	73.3	49.8	74.6
71	67.1	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#30

Chloroform

Concen: 19.943 ug/l

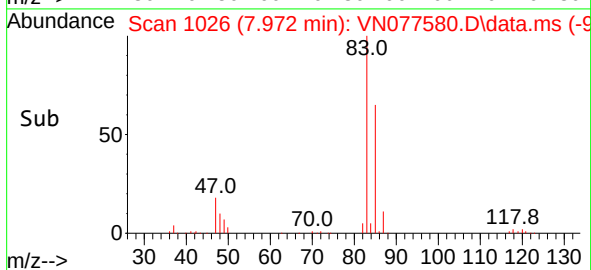
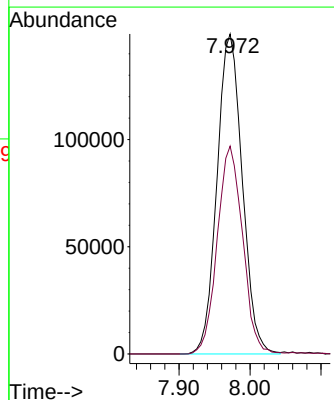
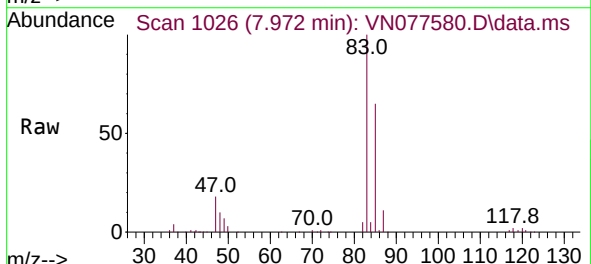
RT: 7.972 min Scan# 1026

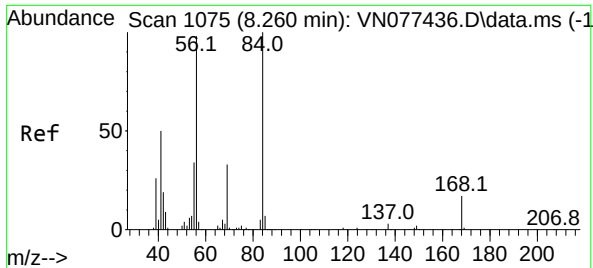
Delta R.T. -0.000 min

Lab File: VN077580.D

Acq: 04 May 2023 15:35

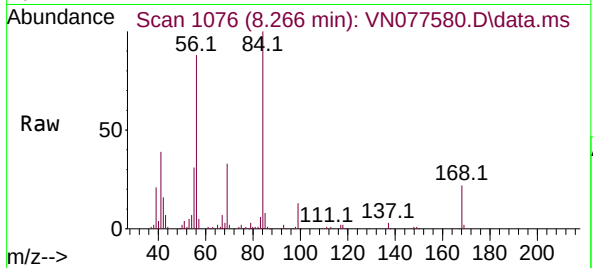
Tgt Ion:	83	Resp:	368263
Ion Ratio	Lower	Upper	
83	100		
85	64.9	55.4	83.0





#31
Cyclohexane
Concen: 16.230 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

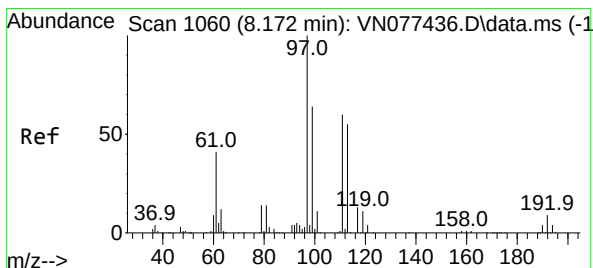
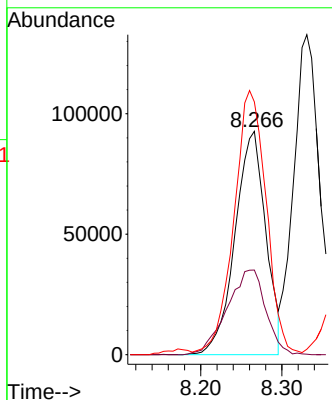
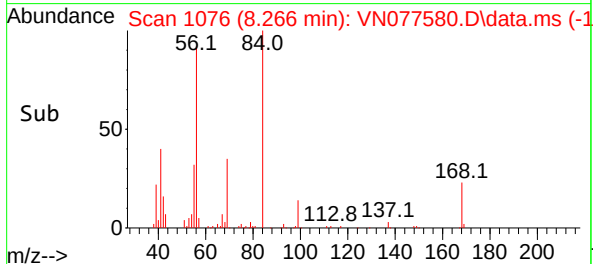
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD02



Tgt Ion: 56 Resp: 243880
Ion Ratio Lower Upper
56 100
69 37.9 26.8 40.2
84 110.7 81.8 122.6

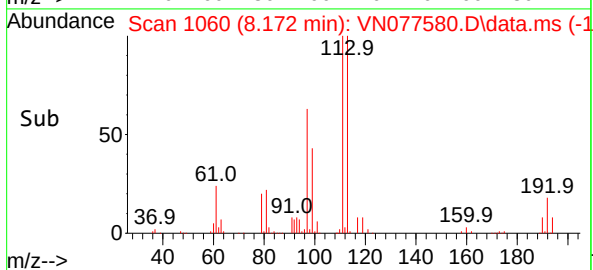
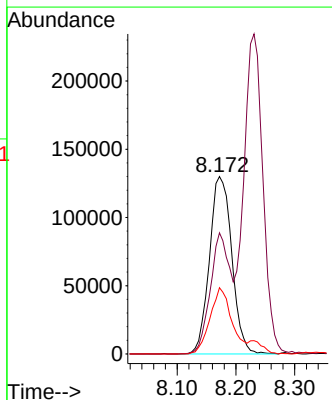
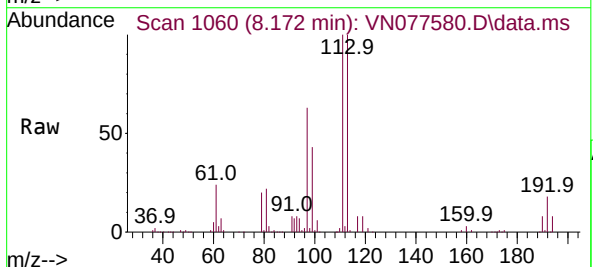
Manual Integrations
APPROVED

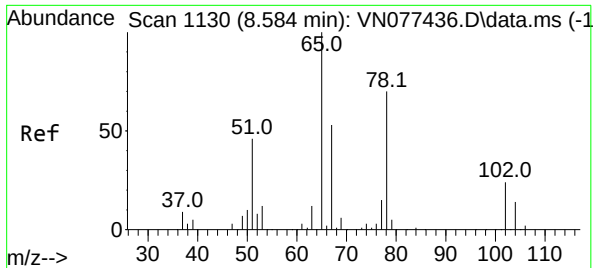
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#32
1,1,1-Trichloroethane
Concen: 20.274 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

Tgt Ion: 97 Resp: 344184
Ion Ratio Lower Upper
97 100
99 60.4 50.3 75.5
61 36.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 46.724 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077580.D

Acq: 04 May 2023 15:35

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBSD02

Tgt Ion: 65 Resp: 49561

Ion Ratio Lower Upper

65 100

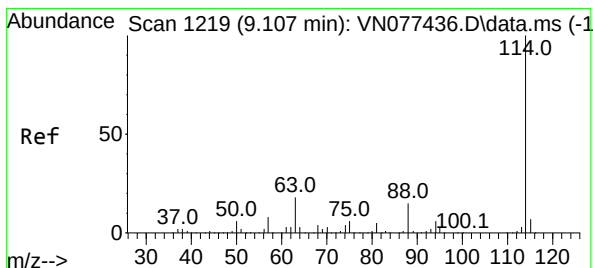
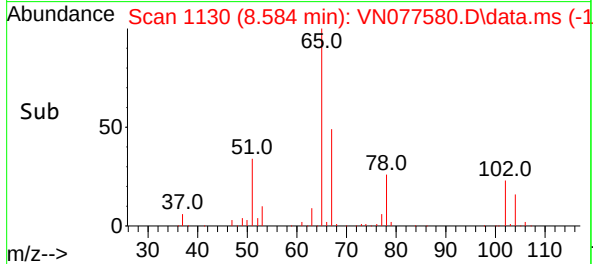
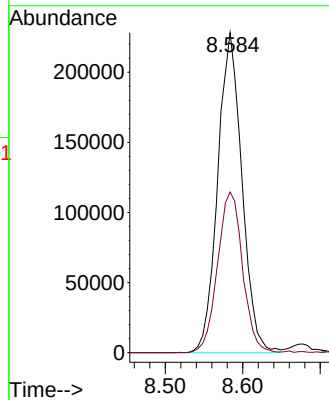
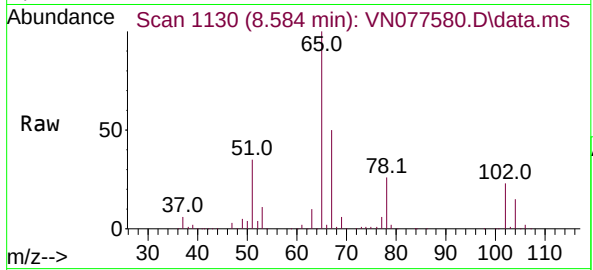
67 51.9 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077580.D

Acq: 04 May 2023 15:35

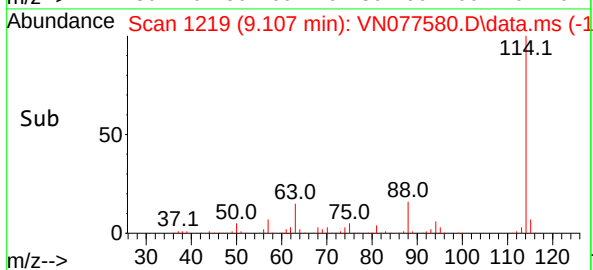
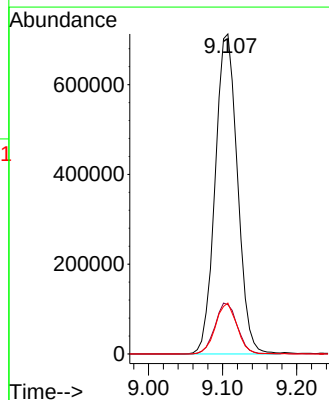
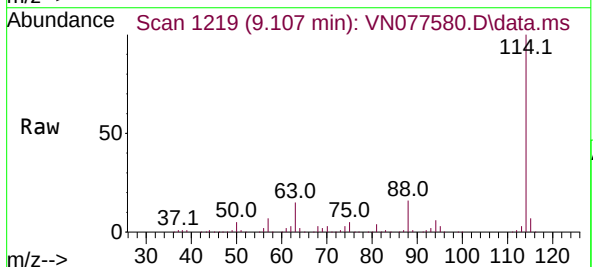
Tgt Ion:114 Resp: 1489452

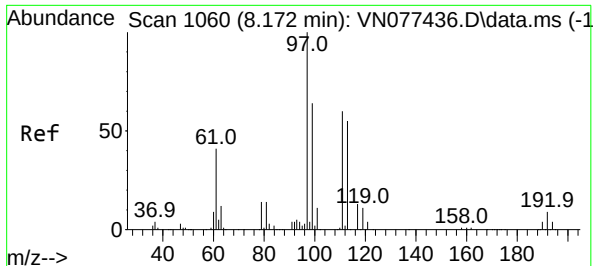
Ion Ratio Lower Upper

114 100

63 15.4 0.0 36.4

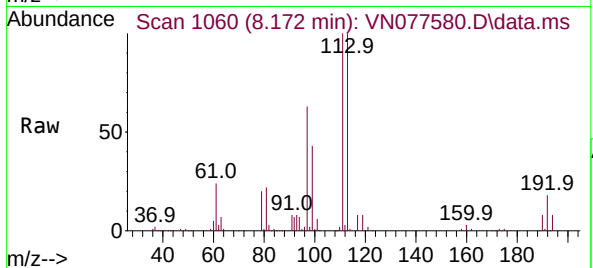
88 15.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 53.479 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

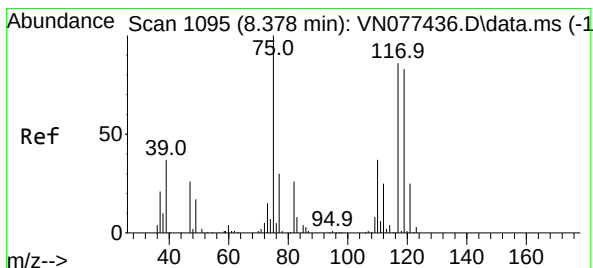
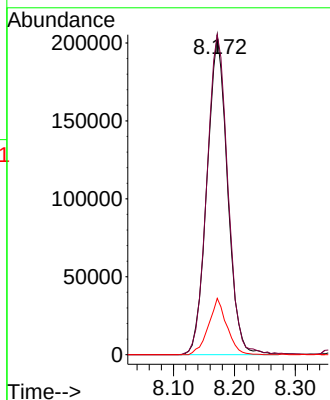
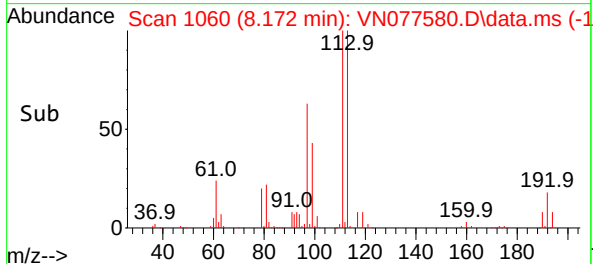
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD02



Tgt Ion: 113 Resp: 47876
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 15.8 12.7 19.1

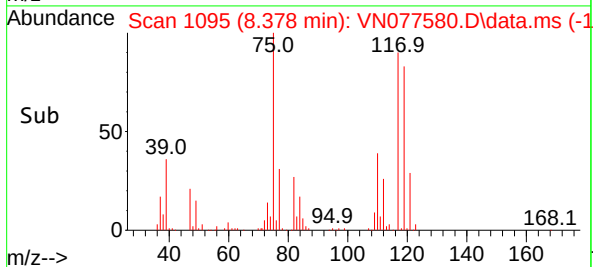
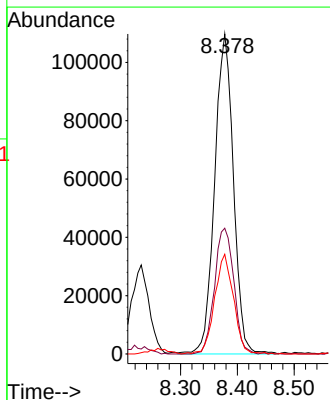
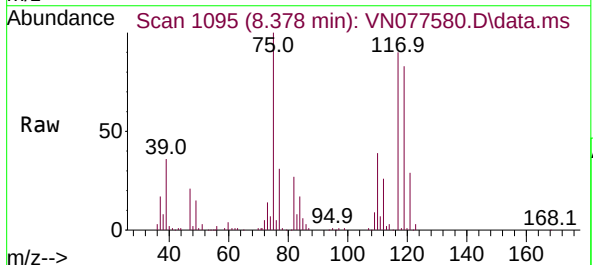
Manual Integrations
APPROVED

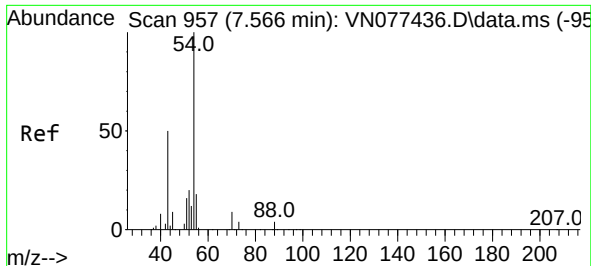
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#36
1,1-Dichloropropene
Concen: 19.528 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

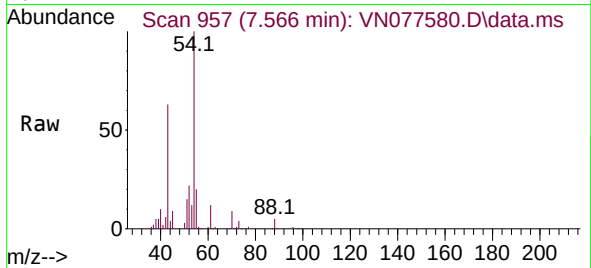
Tgt Ion: 75 Resp: 252570
Ion Ratio Lower Upper
75 100
110 40.3 19.1 57.3
77 31.3 25.0 37.4





#37
Ethyl Acetate
Concen: 16.335 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

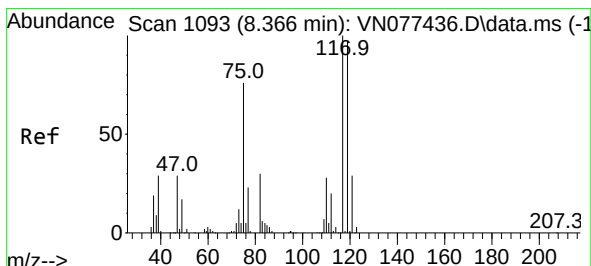
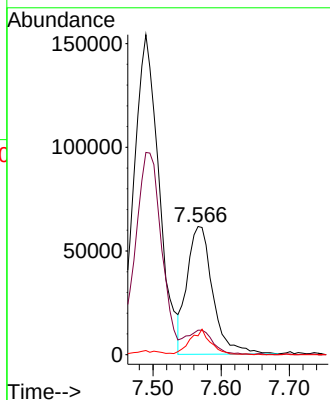
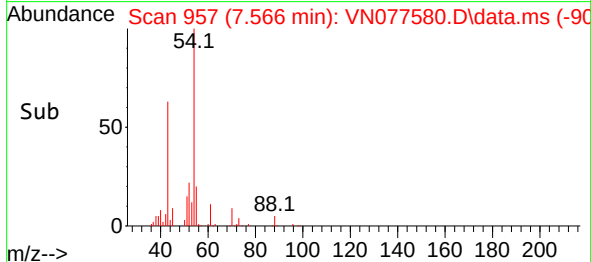
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD02



Tgt Ion: 43 Resp: 16054
Ion Ratio Lower Upper
43 100
61 18.5 13.2 19.8
70 15.2 11.3 16.9

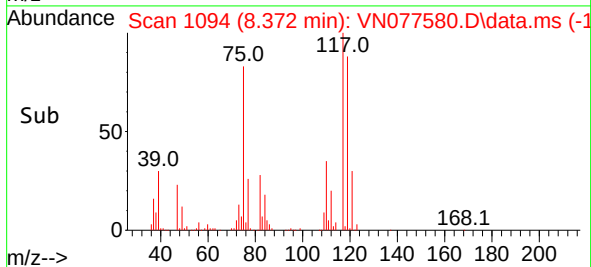
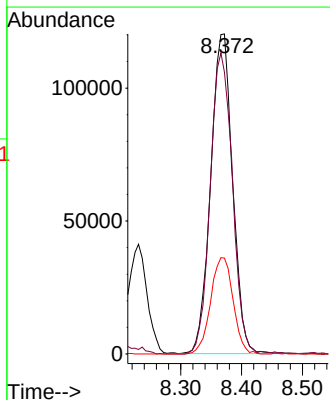
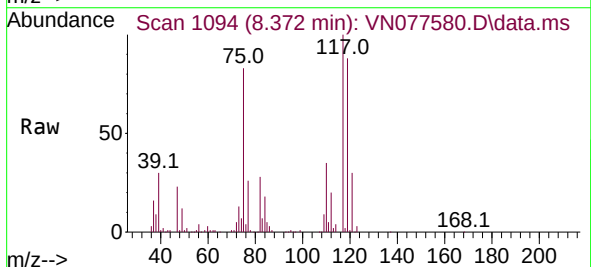
Manual Integrations
APPROVED

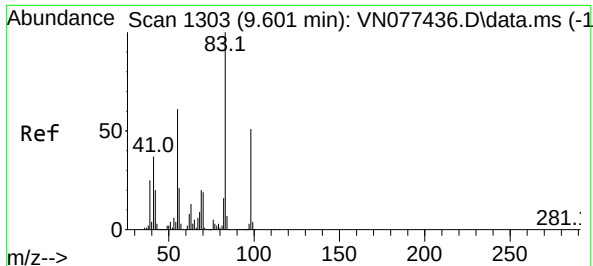
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#38
Carbon Tetrachloride
Concen: 21.068 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

Tgt Ion:117 Resp: 300631
Ion Ratio Lower Upper
117 100
119 88.1 77.3 115.9
121 30.0 23.3 34.9





#39

Methylcyclohexane

Concen: 20.242 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.000 min

Lab File: VN077580.D

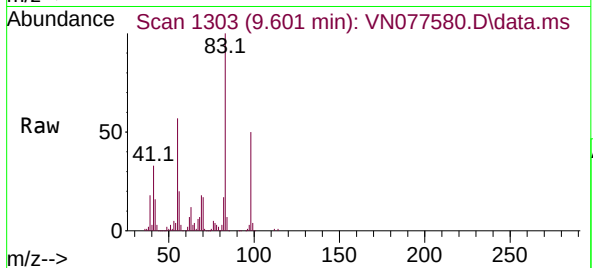
Acq: 04 May 2023 15:35

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBSD02



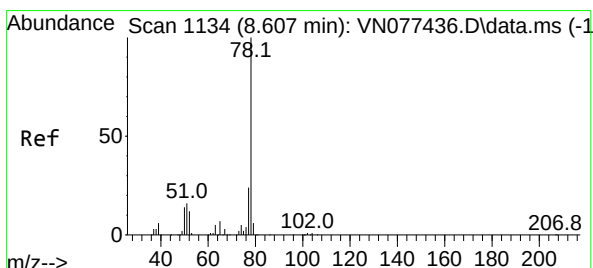
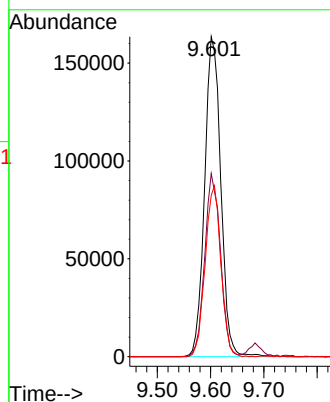
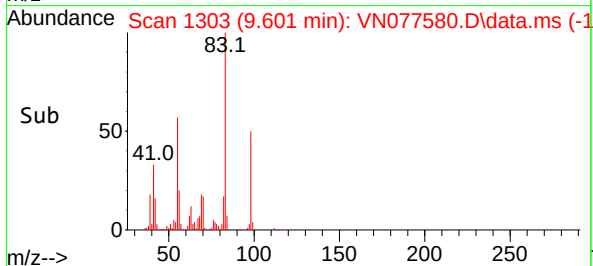
Tgt Ion:	83	Resp:	34491
Ion Ratio	Lower	Upper	
83	100		
55	57.2	49.1	73.7
98	50.4	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#40

Benzene

Concen: 20.257 ug/l

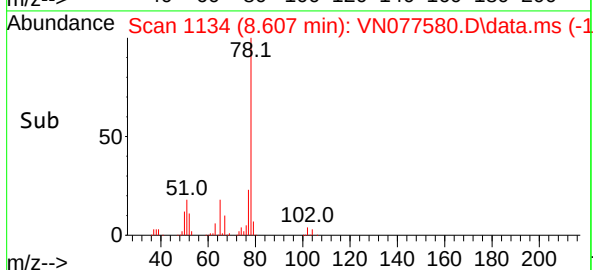
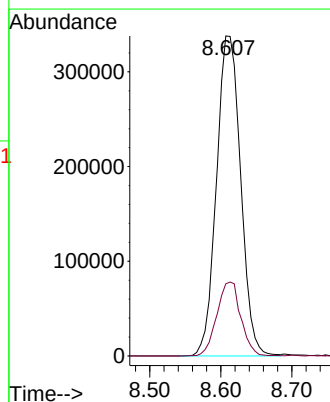
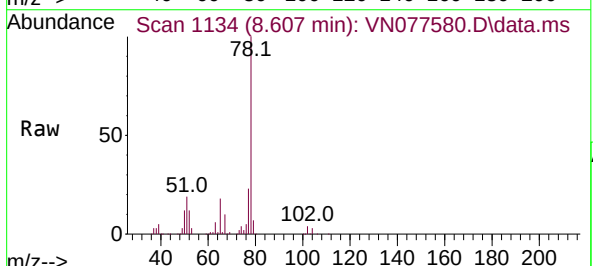
RT: 8.607 min Scan# 1134

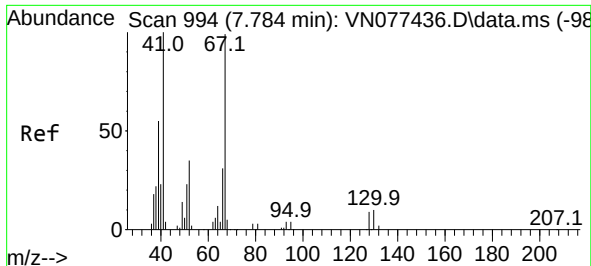
Delta R.T. -0.000 min

Lab File: VN077580.D

Acq: 04 May 2023 15:35

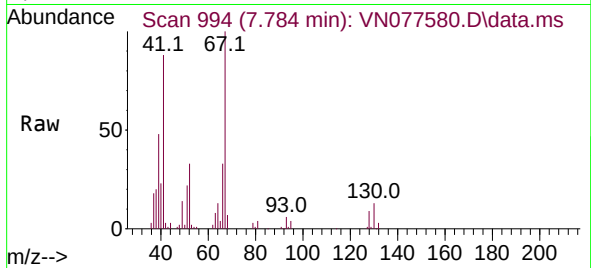
Tgt Ion:	78	Resp:	798125
Ion Ratio	Lower	Upper	
78	100		
77	22.6	19.0	28.6





#41
Methacrylonitrile
Concen: 16.666 ug/l
RT: 7.784 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

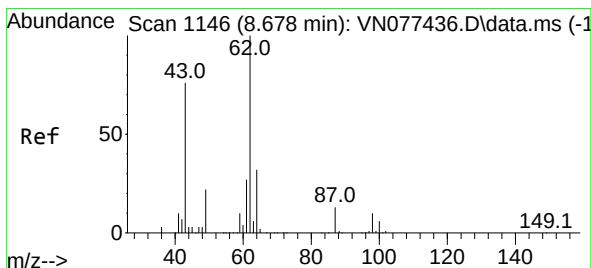
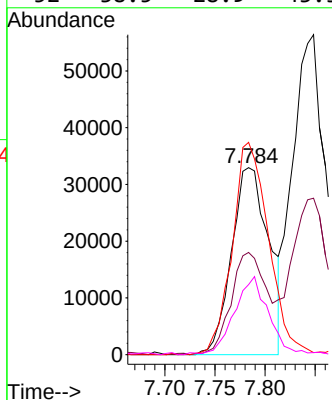
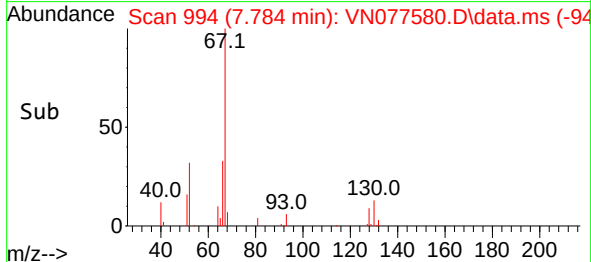
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD02



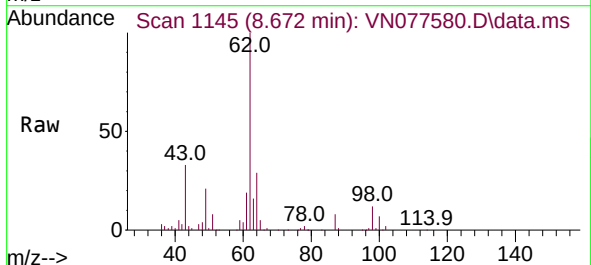
Tgt Ion: 41 Resp: 85310
Ion Ratio Lower Upper
41 100
39 50.6 42.6 64.0
67 111.0 77.5 116.3
52 38.5 28.9 43.3

Manual Integrations
APPROVED

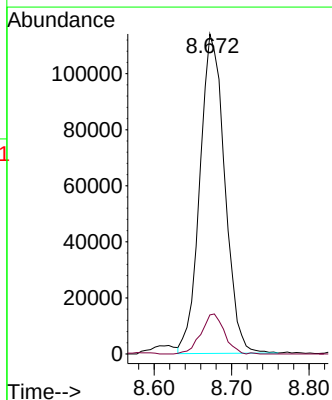
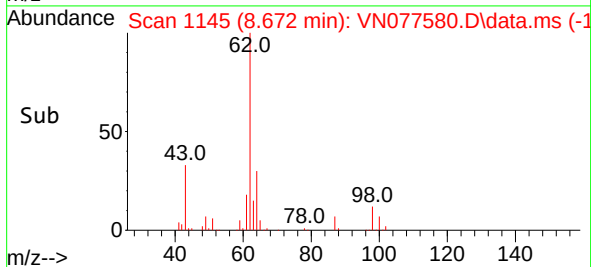
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

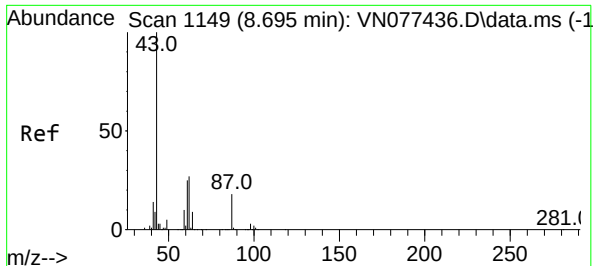


#42
1,2-Dichloroethane
Concen: 18.785 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35



Tgt Ion: 62 Resp: 254212
Ion Ratio Lower Upper
62 100
98 11.7 0.0 19.8





#43

Isopropyl Acetate

Concen: 16.570 ug/l

RT: 8.689 min Scan# 1149

Delta R.T. -0.006 min

Lab File: VN077580.D

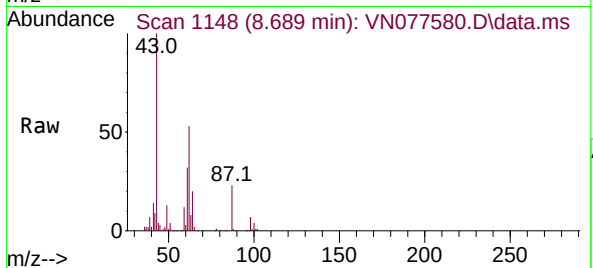
Acq: 04 May 2023 15:35

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBSD02



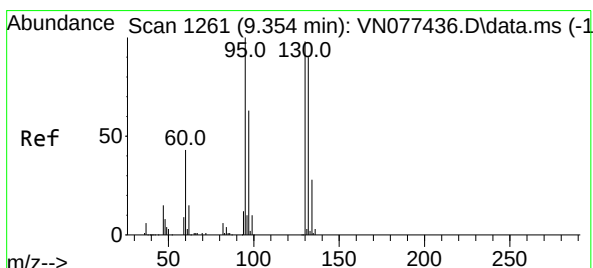
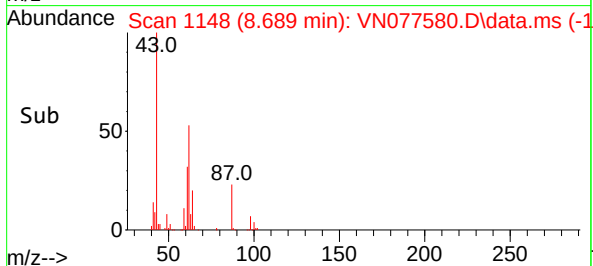
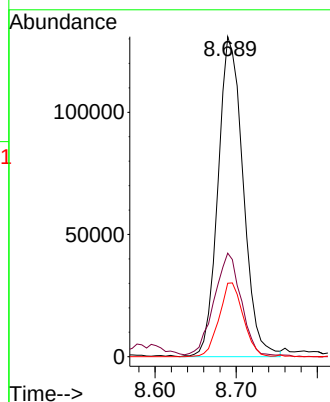
Tgt Ion: 43	Resp: 281720
Ion Ratio	Lower Upper
43	100
61	35.4 24.7 37.1
87	22.2 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#44

Trichloroethene

Concen: 21.308 ug/l

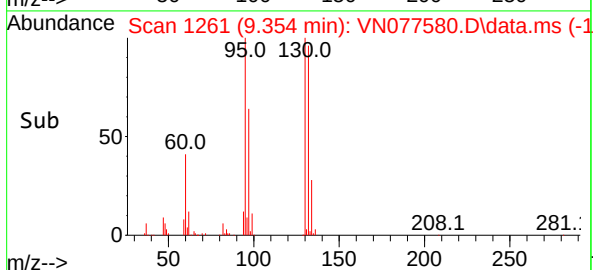
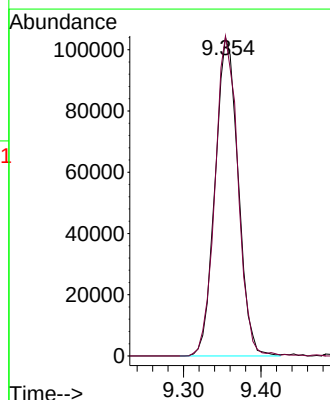
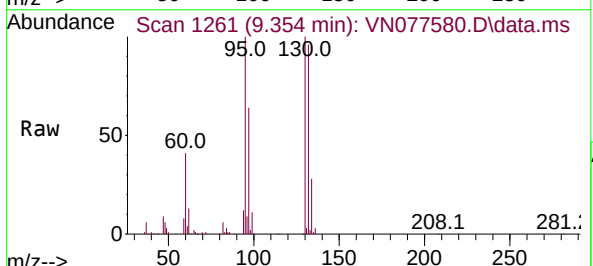
RT: 9.354 min Scan# 1261

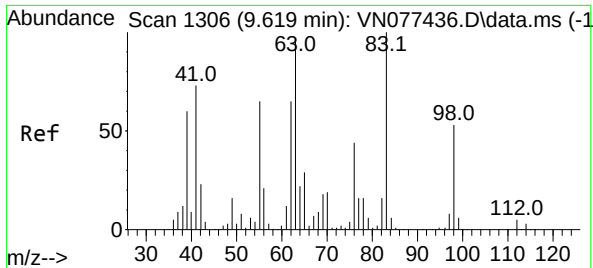
Delta R.T. -0.000 min

Lab File: VN077580.D

Acq: 04 May 2023 15:35

Tgt Ion:130	Resp: 214952
Ion Ratio	Lower Upper
130	100
95	100.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.618 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VN077580.D

Acq: 04 May 2023 15:35

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBSD02

Tgt Ion: 63 Resp: 171830

Ion Ratio Lower Upper

63 100

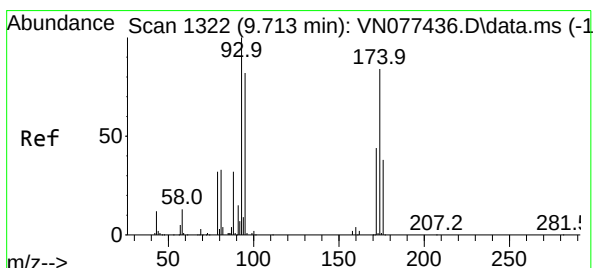
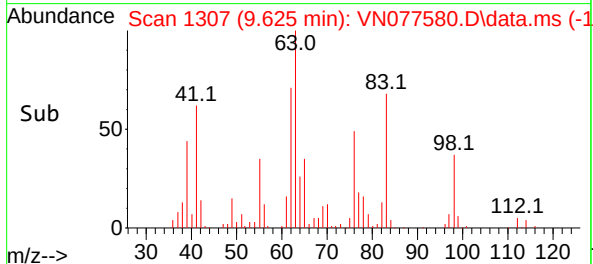
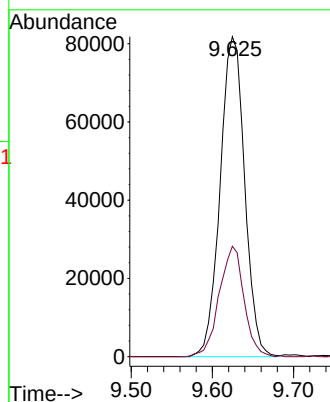
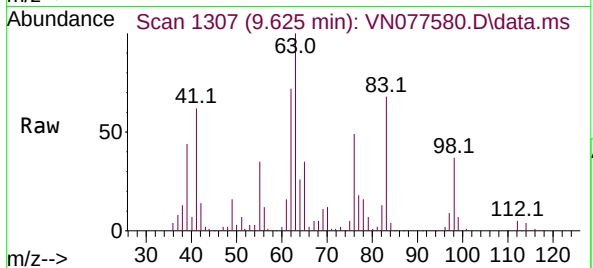
65 34.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#46

Dibromomethane

Concen: 20.286 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN077580.D

Acq: 04 May 2023 15:35

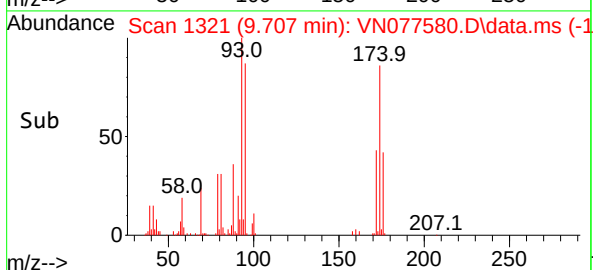
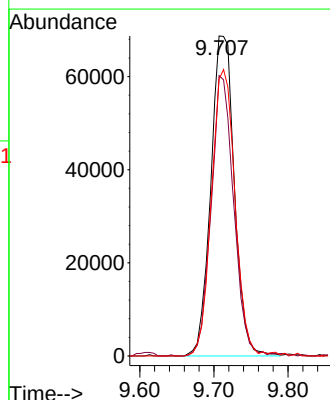
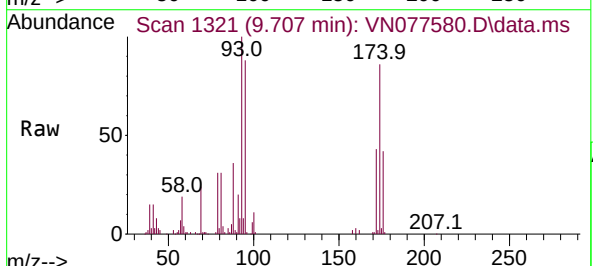
Tgt Ion: 93 Resp: 151921

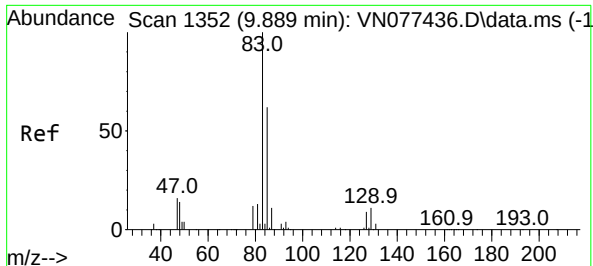
Ion Ratio Lower Upper

93 100

95 83.9 63.8 95.8

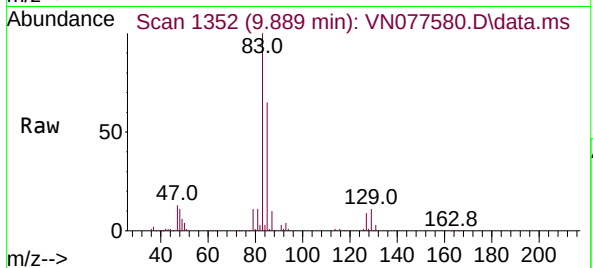
174 89.8 65.6 98.4





#47
Bromodichloromethane
Concen: 20.378 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

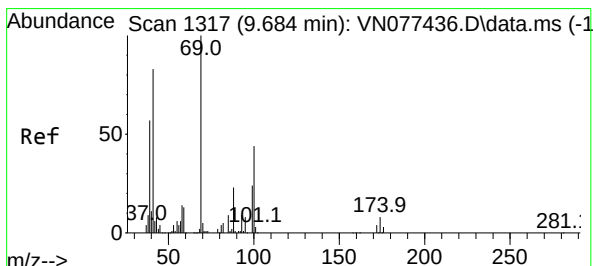
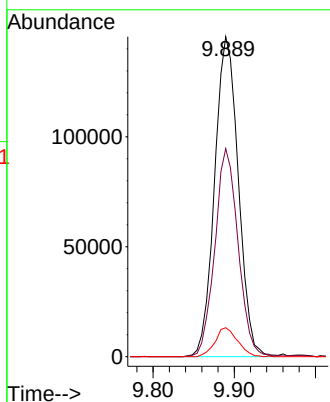
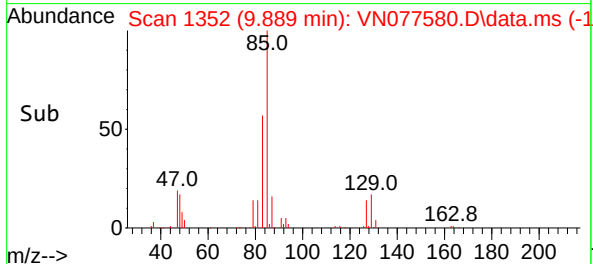
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD02



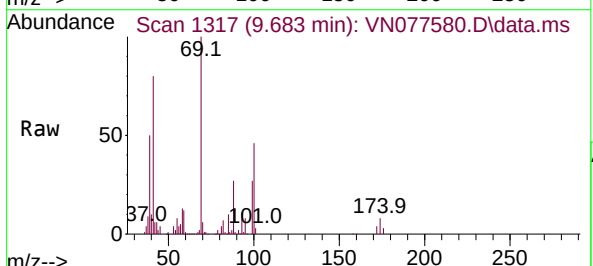
Tgt Ion: 83 Resp: 29518
Ion Ratio Lower Upper
83 100
85 65.0 49.6 74.4
127 9.1 7.0 10.6

Manual Integrations
APPROVED

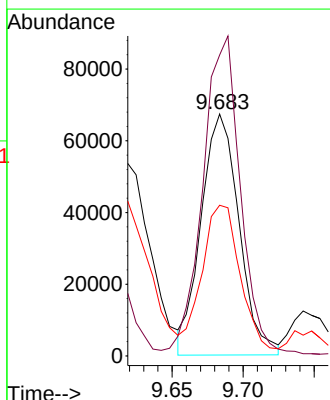
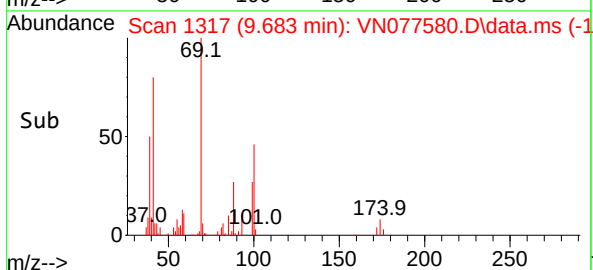
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

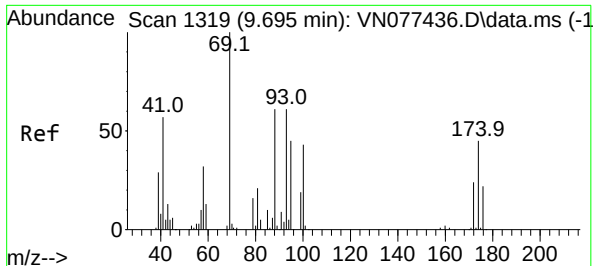


#48
Methyl methacrylate
Concen: 16.148 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35



Tgt Ion: 41 Resp: 124973
Ion Ratio Lower Upper
41 100
69 132.2 90.4 135.6
39 64.6 54.6 81.8





#49

1,4-Dioxane

Concen: 391.742 ug/l

RT: 9.701 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN077580.D

Acq: 04 May 2023 15:35

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBSD02

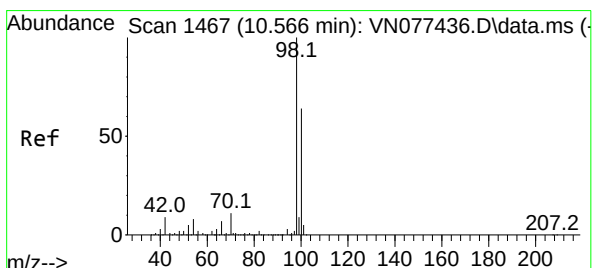
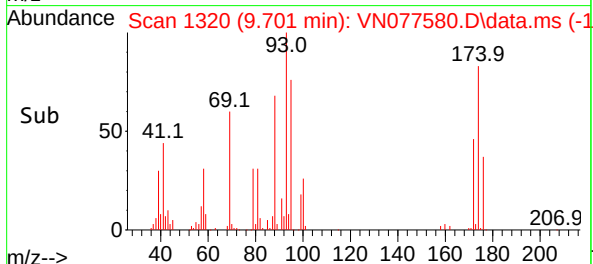
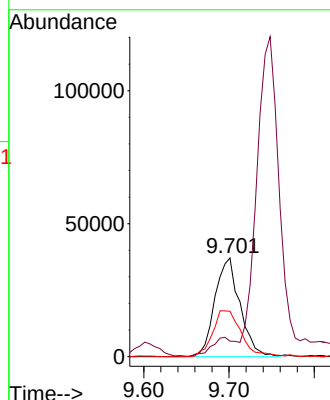
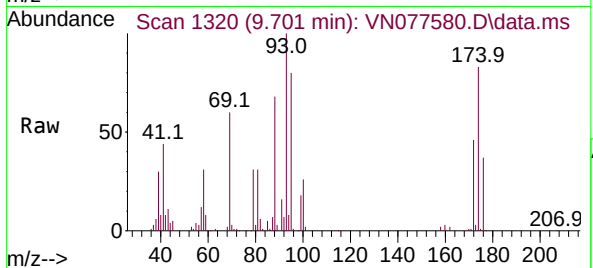
Tgt Ion: 88	Resp: 76048
Ion Ratio	Lower Upper
88	100
43	17.6 17.0 25.6
58	53.0 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#50

Toluene-d8

Concen: 51.292 ug/l

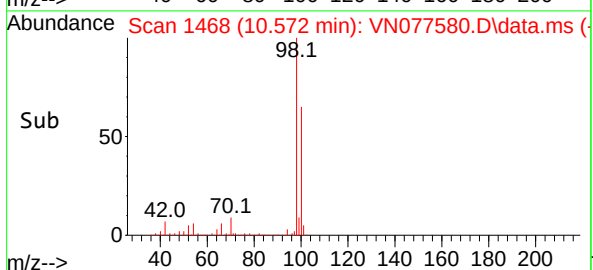
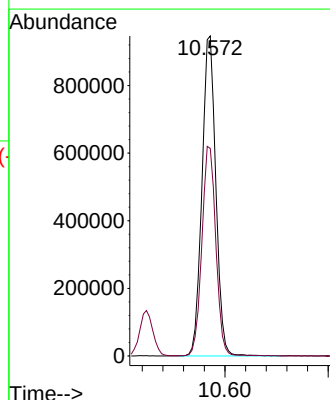
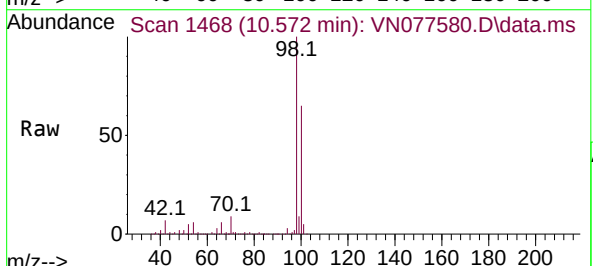
RT: 10.572 min Scan# 1468

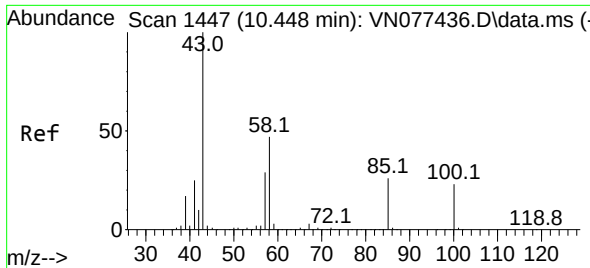
Delta R.T. 0.006 min

Lab File: VN077580.D

Acq: 04 May 2023 15:35

Tgt Ion: 98	Resp: 1759828
Ion Ratio	Lower Upper
98	100
100	65.8 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 82.380 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

Instrument :

MSVOA_N

ClientSampleId :

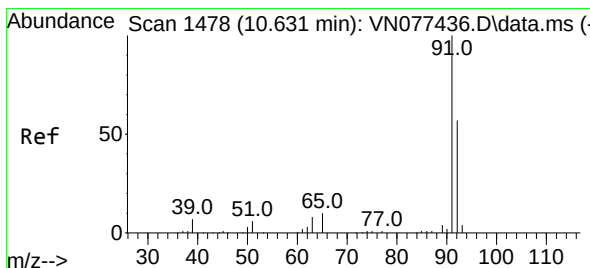
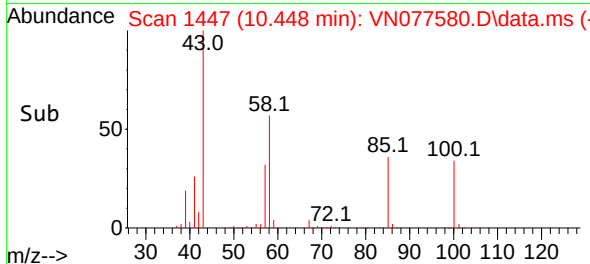
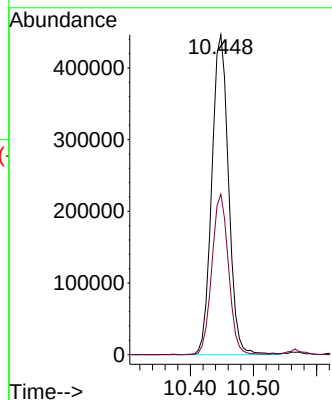
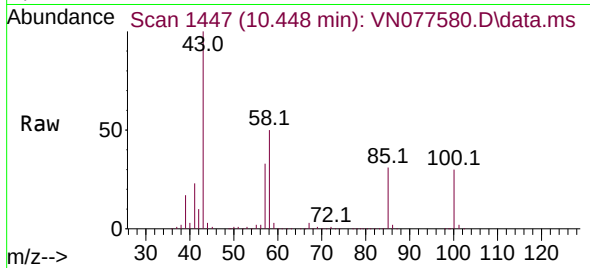
VN0504WBSD02

Tgt Ion: 43 Resp: 821544
Ion Ratio Lower Upper
43 100
58 49.9 36.6 54.8

Manual Integrations

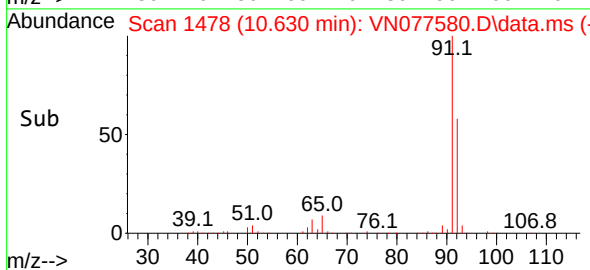
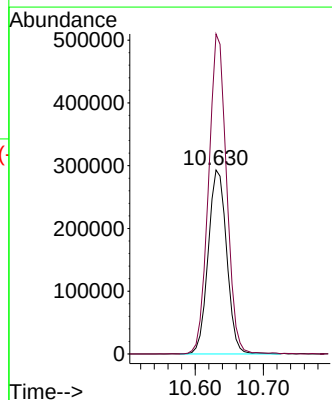
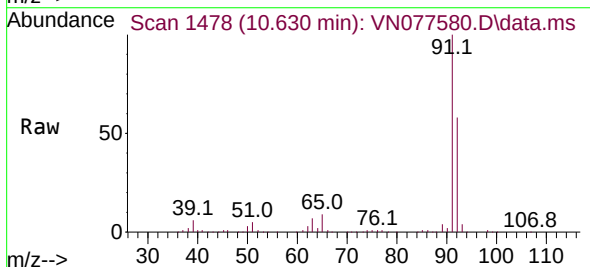
APPROVED

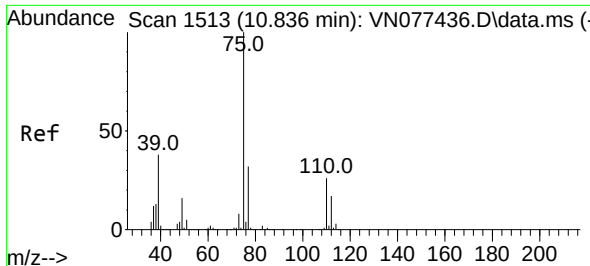
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#52
Toluene
Concen: 21.422 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

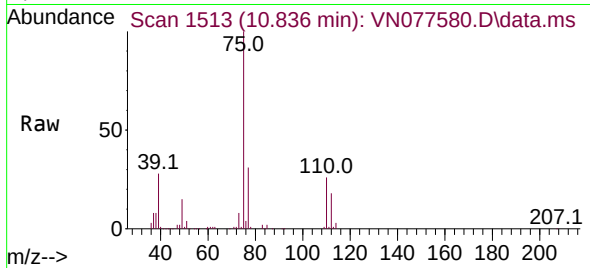
Tgt Ion: 92 Resp: 552924
Ion Ratio Lower Upper
92 100
91 169.3 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 20.199 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

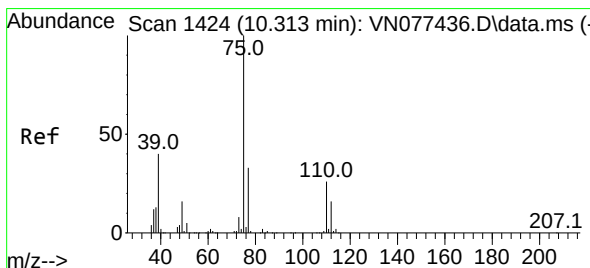
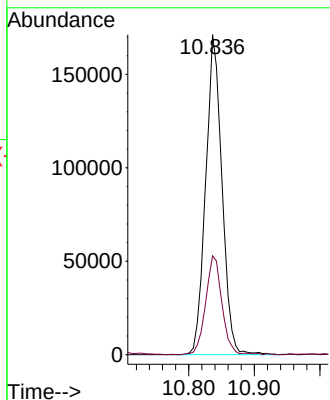
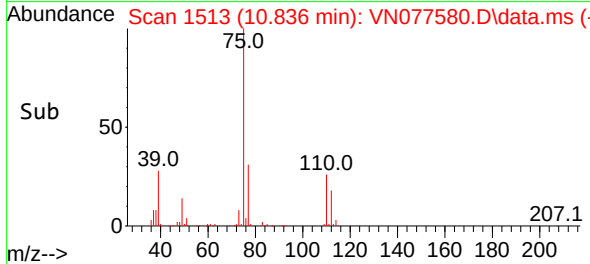
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD02



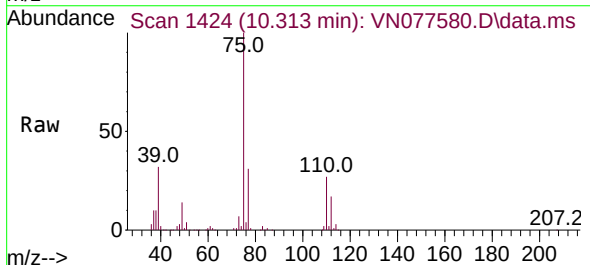
Tgt Ion: 75 Resp: 296275
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0

Manual Integrations
APPROVED

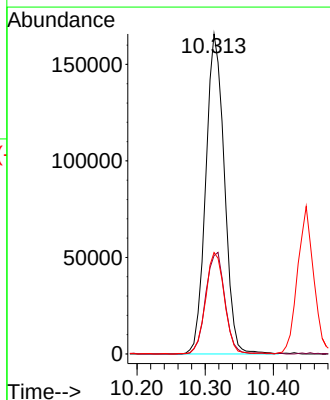
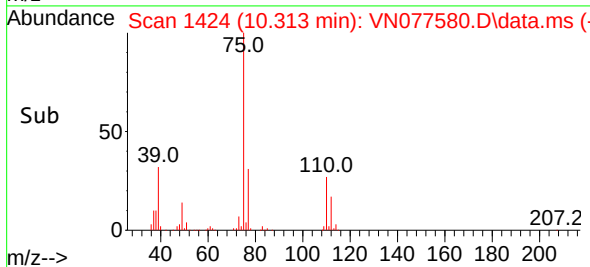
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

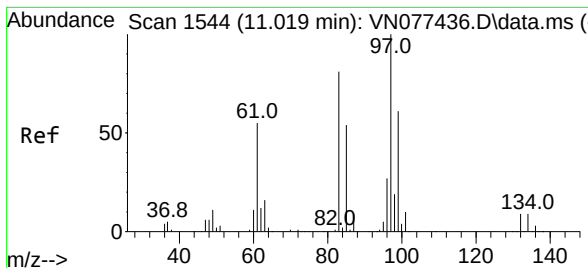


#54
cis-1,3-Dichloropropene
Concen: 19.698 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35



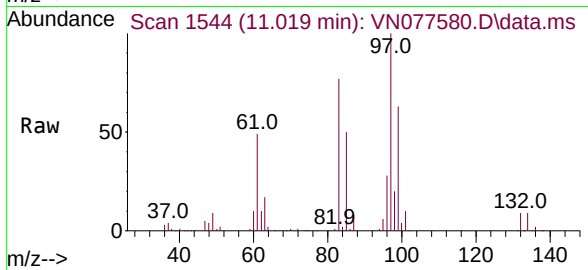
Tgt Ion: 75 Resp: 314500
Ion Ratio Lower Upper
75 100
77 30.8 26.1 39.1
39 31.6 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 20.849 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

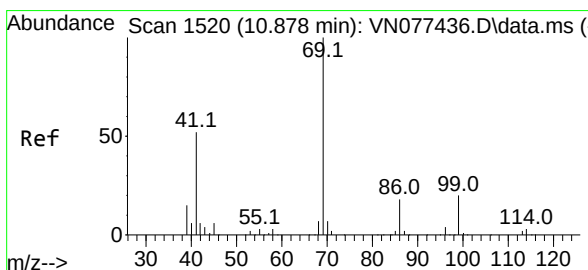
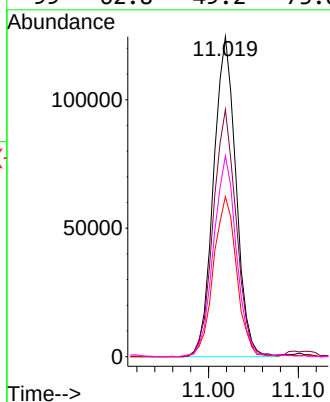
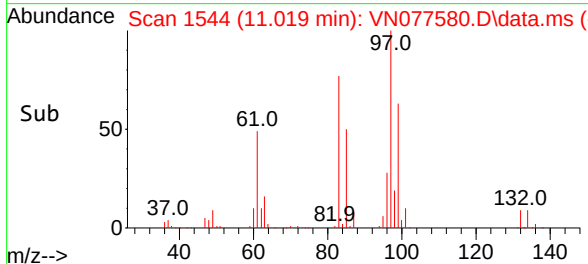
Instrument : MSVOA_N
ClientSampleId : VN0504WBSD02



Tgt Ion:	97	Resp:	216398
Ion Ratio	100	Lower	Upper
97	100		
83	77.2	65.1	97.7
85	50.0	43.4	65.2
99	62.8	49.2	73.8

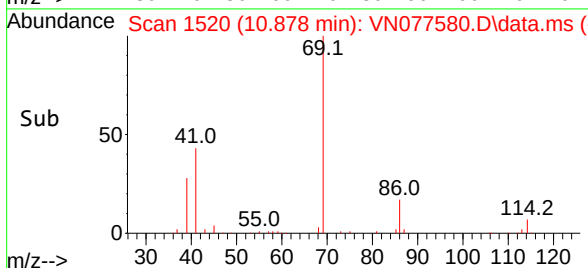
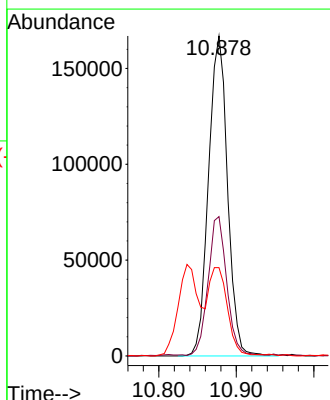
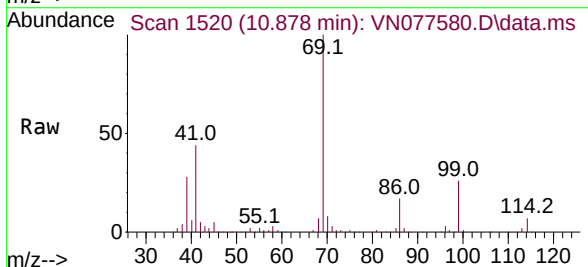
Manual Integrations
APPROVED

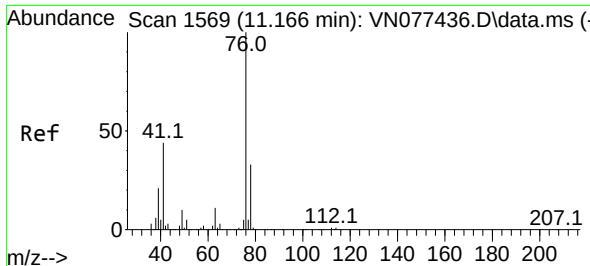
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#56
Ethyl methacrylate
Concen: 19.552 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

Tgt Ion:	69	Resp:	284364
Ion Ratio	100	Lower	Upper
69	100		
41	42.3	39.6	59.4
39	25.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 20.481 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077580.D

Acq: 04 May 2023 15:35

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBSD02

Tgt Ion: 76 Resp: 33860

Ion Ratio Lower Upper

76 100

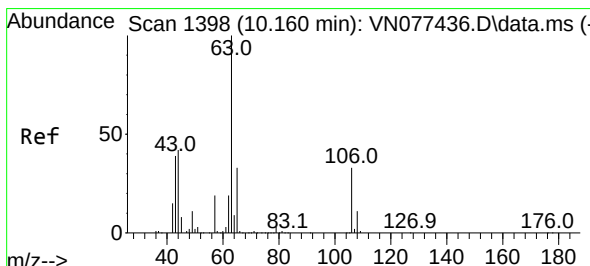
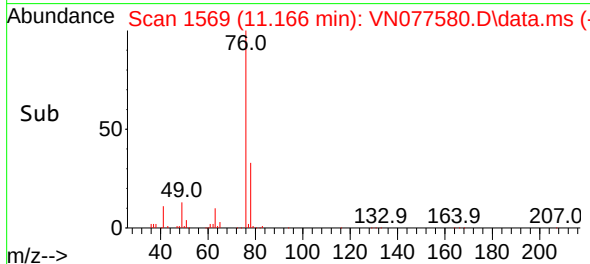
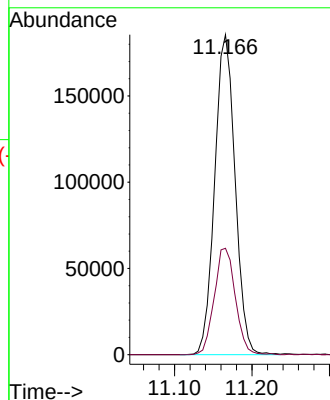
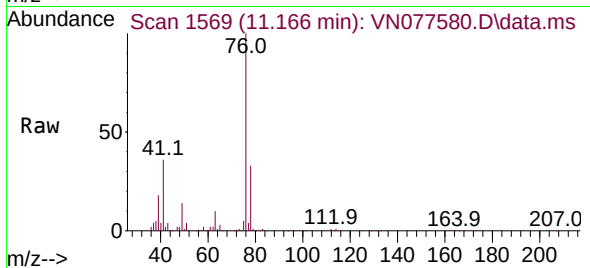
78 34.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#58

2-Chloroethyl Vinyl ether

Concen: 85.618 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077580.D

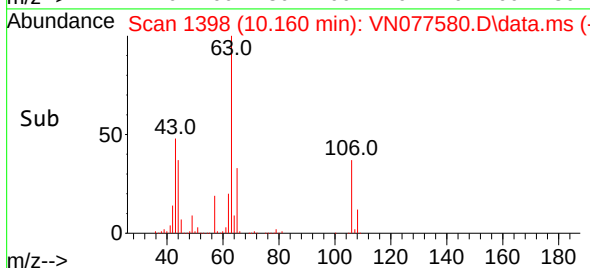
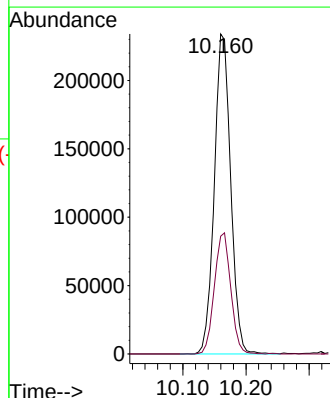
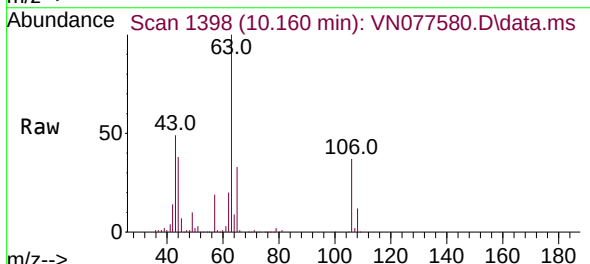
Acq: 04 May 2023 15:35

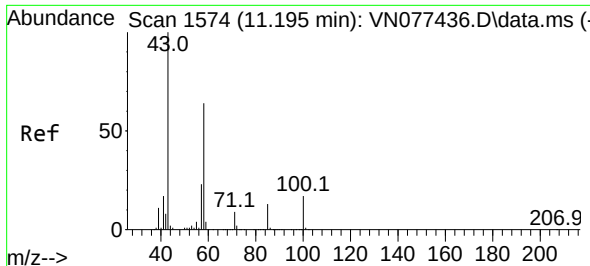
Tgt Ion: 63 Resp: 421175

Ion Ratio Lower Upper

63 100

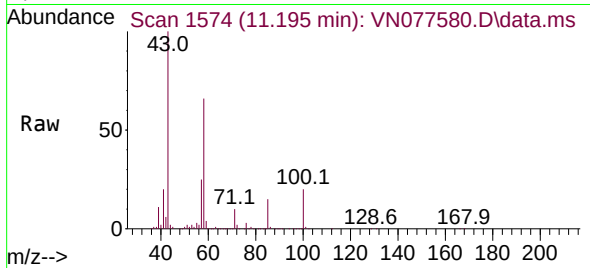
106 37.8 26.2 39.4





#59
2-Hexanone
Concen: 82.473 ug/l
RT: 11.195 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

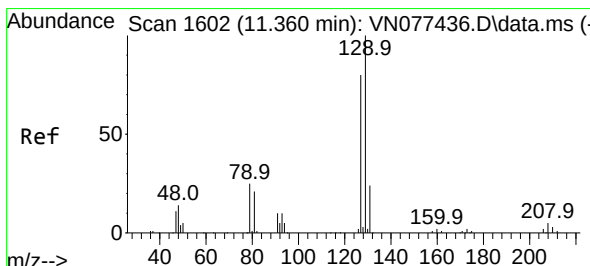
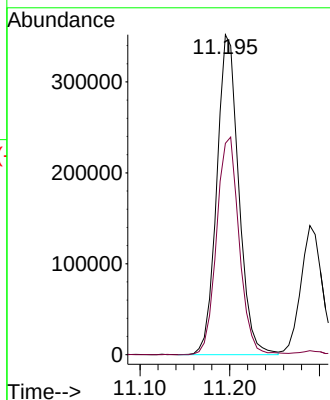
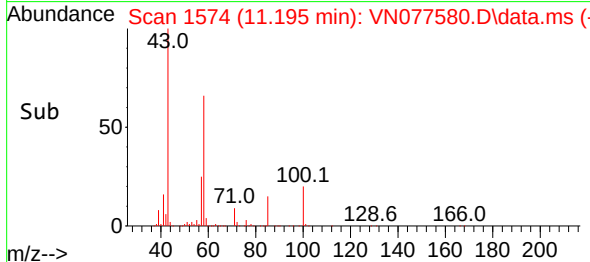
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD02



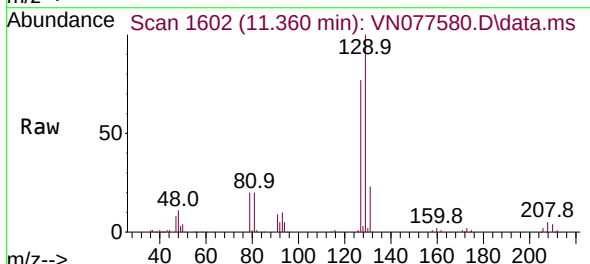
Tgt Ion: 43 Resp: 59784
Ion Ratio Lower Upper
43 100
58 69.9 31.7 95.1

Manual Integrations
APPROVED

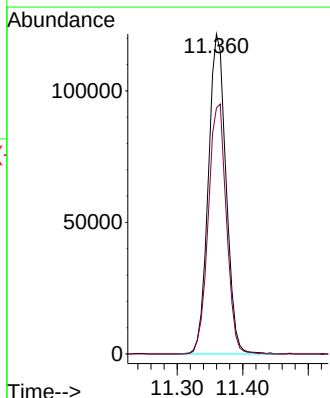
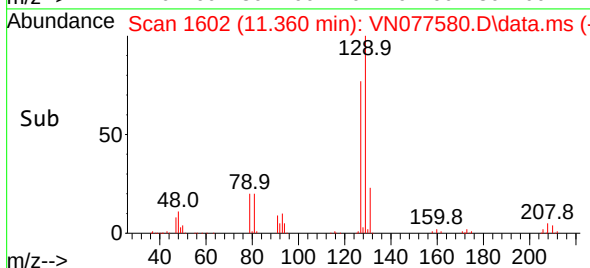
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

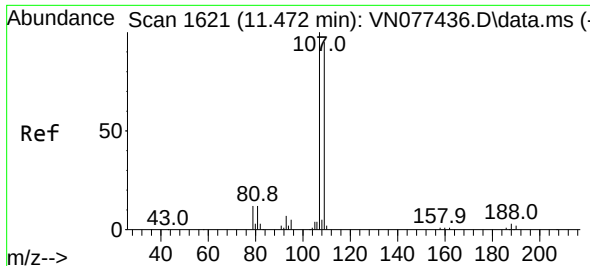


#60
Dibromochloromethane
Concen: 21.170 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35



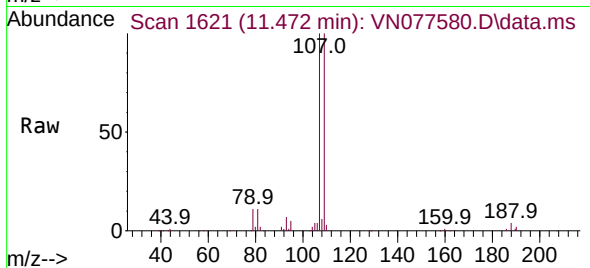
Tgt Ion:129 Resp: 228042
Ion Ratio Lower Upper
129 100
127 79.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 21.394 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

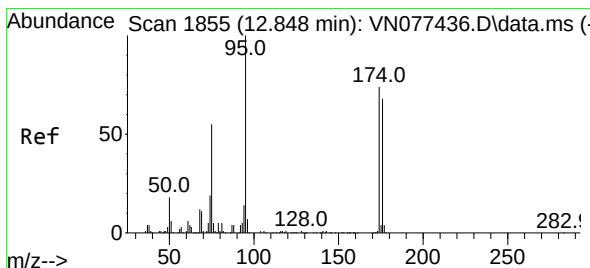
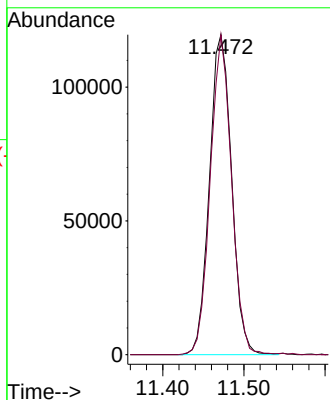
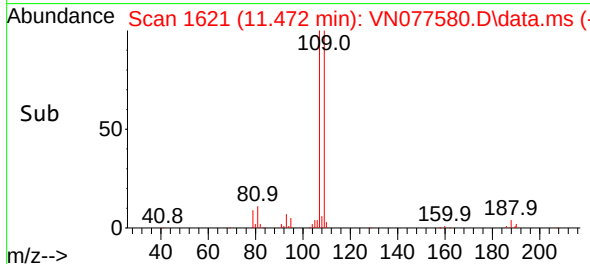
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD02



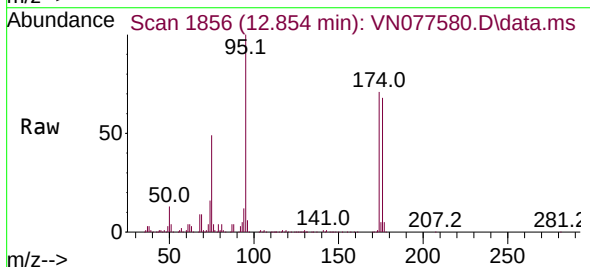
Tgt Ion:107 Resp: 226708
Ion Ratio Lower Upper
107 100
109 95.8 76.6 114.8

Manual Integrations
APPROVED

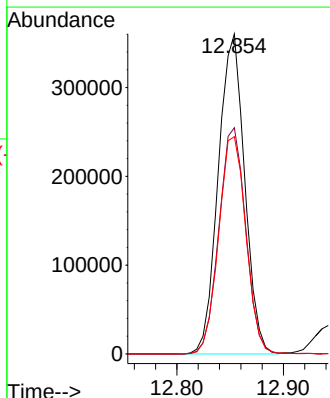
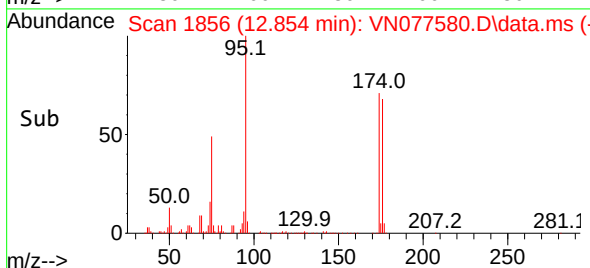
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

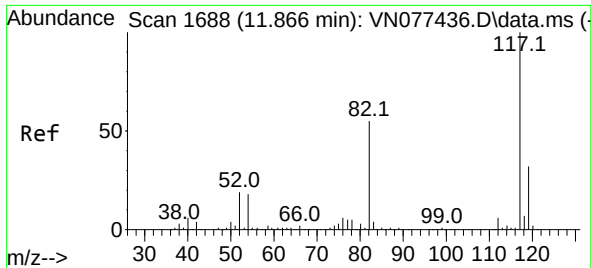


#62
4-Bromofluorobenzene
Concen: 55.142 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35



Tgt Ion: 95 Resp: 618992
Ion Ratio Lower Upper
95 100
174 71.9 0.0 143.8
176 70.2 0.0 135.8





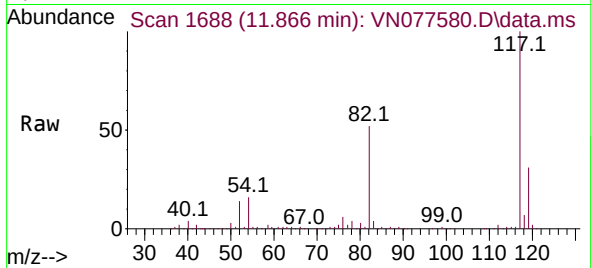
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBSD02



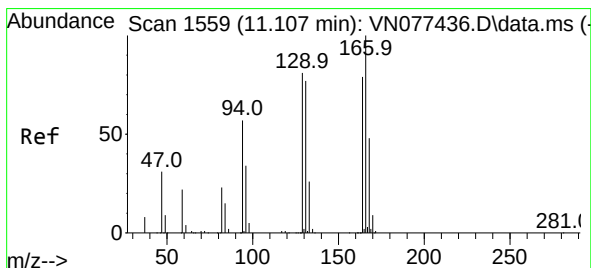
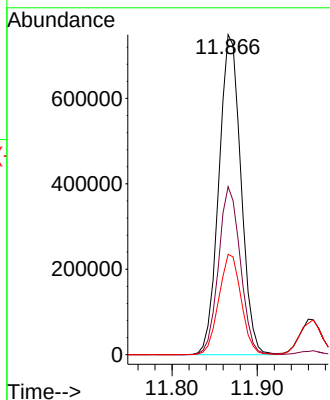
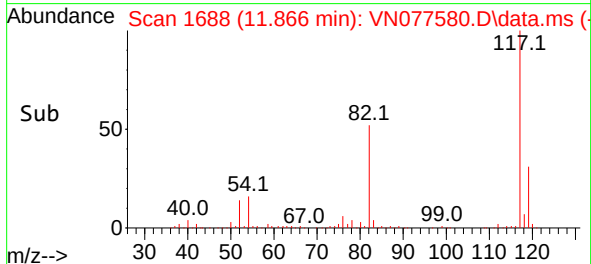
Tgt Ion:117 Resp: 134722
Ion Ratio Lower Upper
117 100
82 52.5 44.0 66.0
119 31.4 25.6 38.4

Manual Integrations

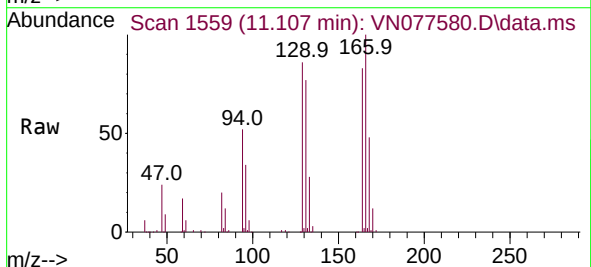
APPROVED

Reviewed By :John Carlone 05/05/2023

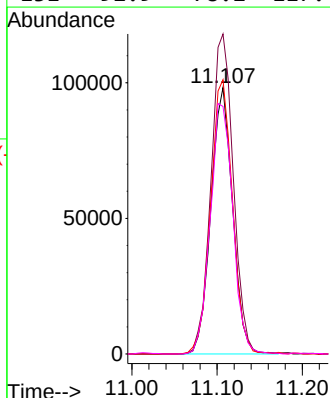
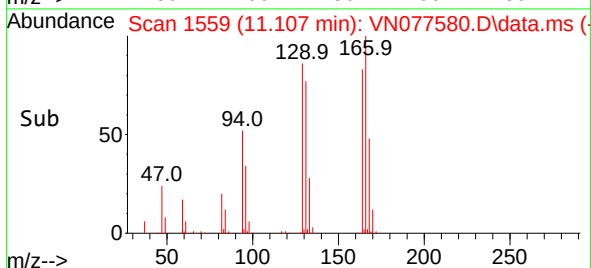
Supervised By :Mahesh Dadoda 05/05/2023

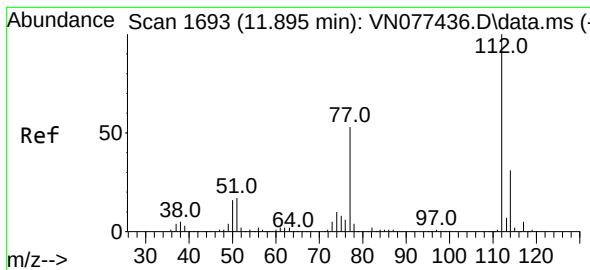


#64
Tetrachloroethene
Concen: 21.494 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35



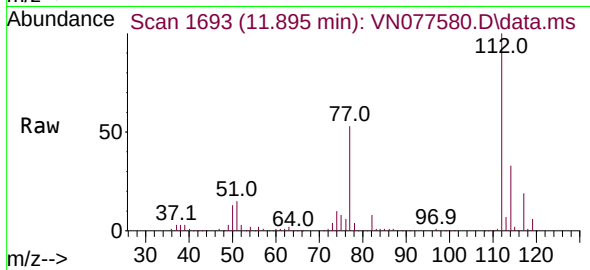
Tgt Ion:164 Resp: 173341
Ion Ratio Lower Upper
164 100
166 120.1 101.4 152.0
129 102.9 82.4 123.6
131 92.9 78.2 117.4





#65
Chlorobenzene
Concen: 20.722 ug/l
RT: 11.895 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

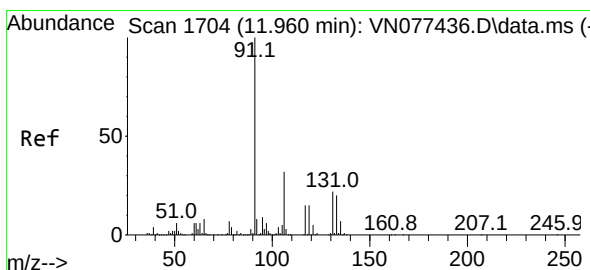
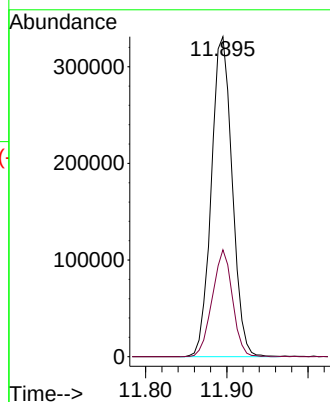
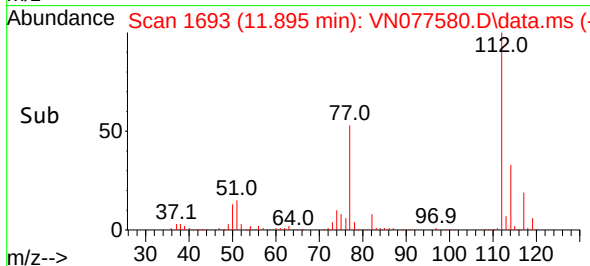
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD02



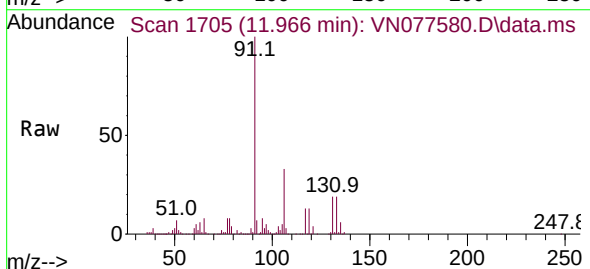
Tgt Ion:112 Resp: 590762
Ion Ratio Lower Upper
112 100
114 33.4 25.0 37.4

Manual Integrations
APPROVED

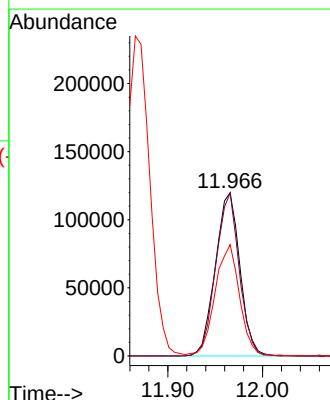
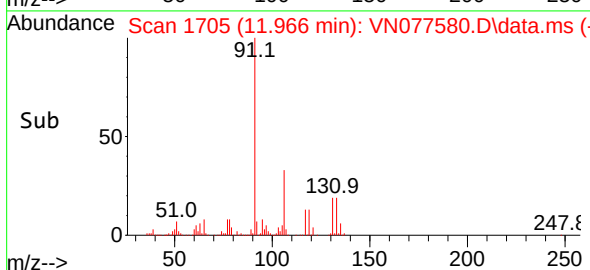
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

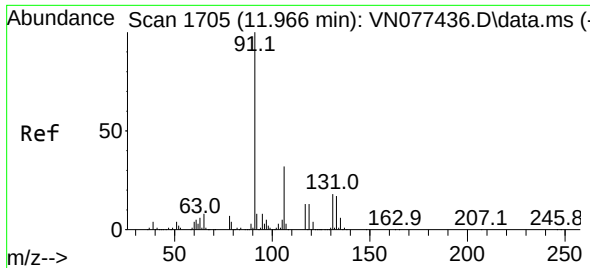


#66
1,1,1,2-Tetrachloroethane
Concen: 20.783 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35



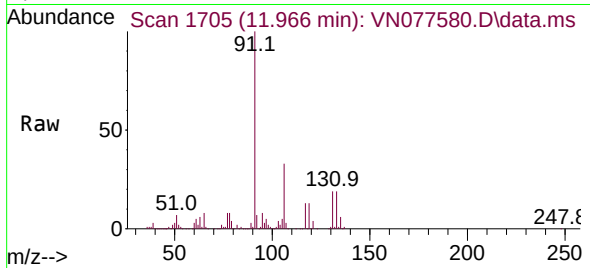
Tgt Ion:131 Resp: 215564
Ion Ratio Lower Upper
131 100
133 95.2 46.4 139.1
119 68.4 34.1 102.2





#67
Ethyl Benzene
Concen: 20.444 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

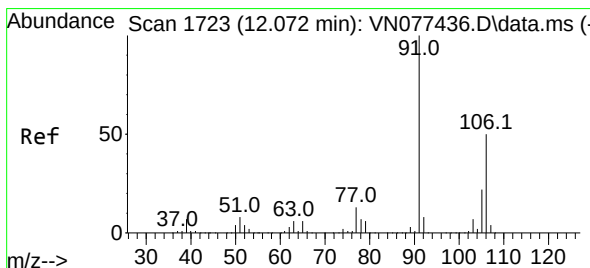
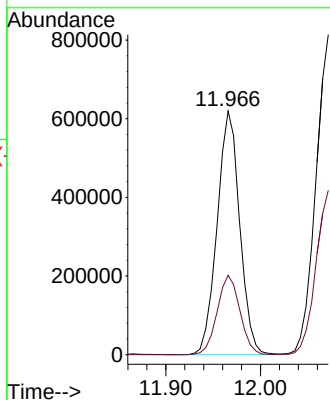
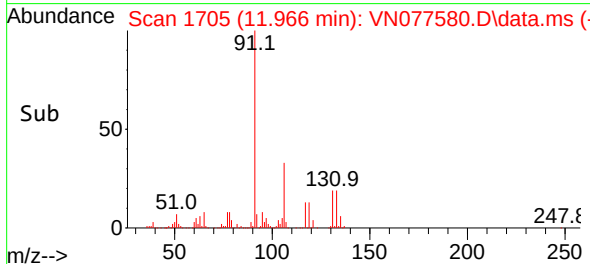
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD02



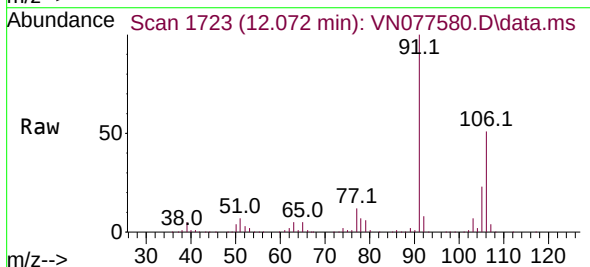
Tgt Ion: 91 Resp: 1025990
Ion Ratio Lower Upper
91 100
106 32.6 25.6 38.4

Manual Integrations
APPROVED

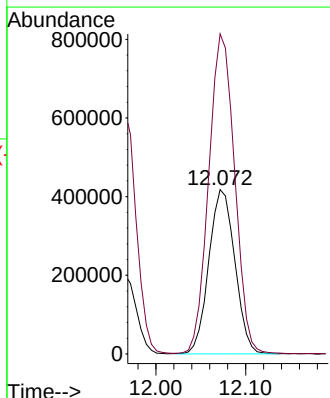
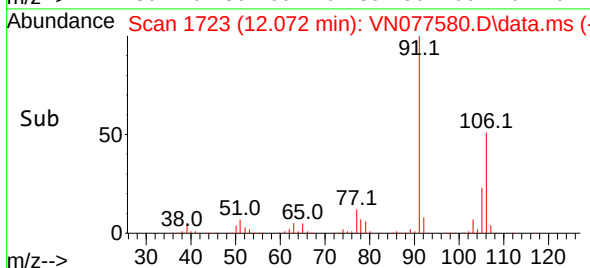
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

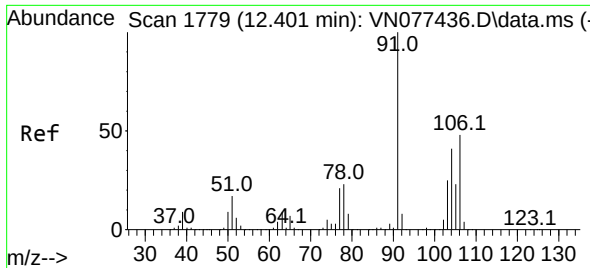


#68
m/p-Xylenes
Concen: 43.126 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35



Tgt Ion:106 Resp: 841174
Ion Ratio Lower Upper
106 100
91 194.5 159.6 239.4





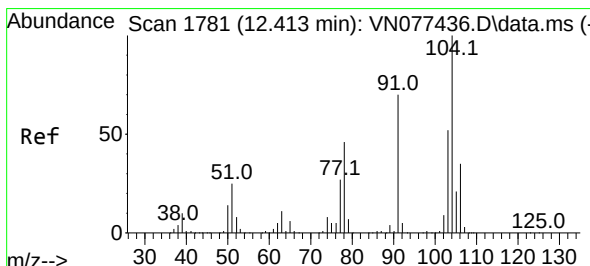
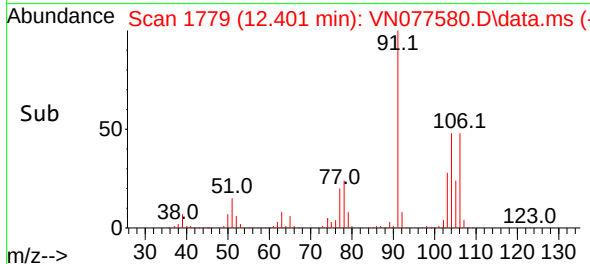
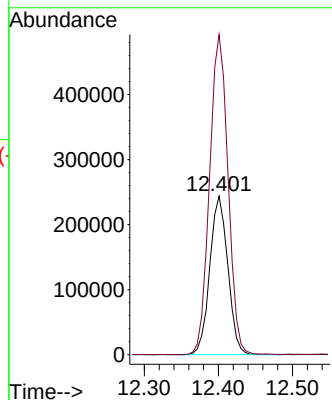
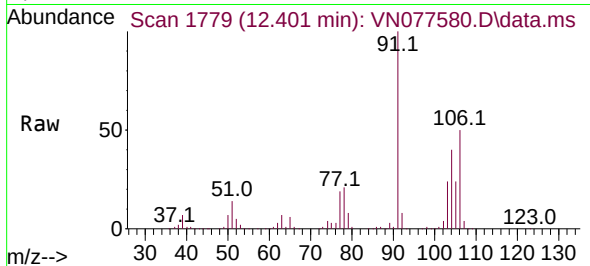
#69
o-Xylene
Concen: 21.491 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD02

Tgt Ion:106 Resp: 41231
Ion Ratio Lower Upper
106 100
91 206.5 105.2 315.5

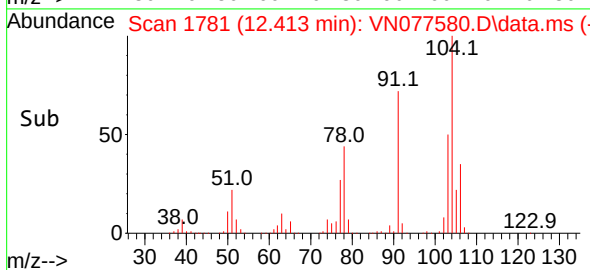
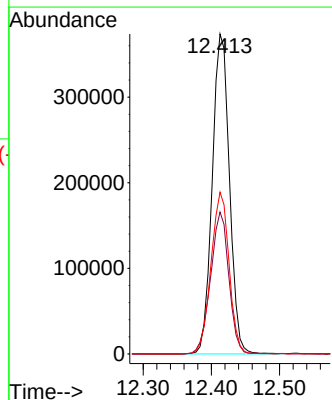
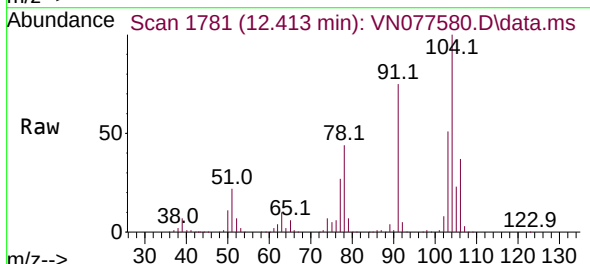
Manual Integrations
APPROVED

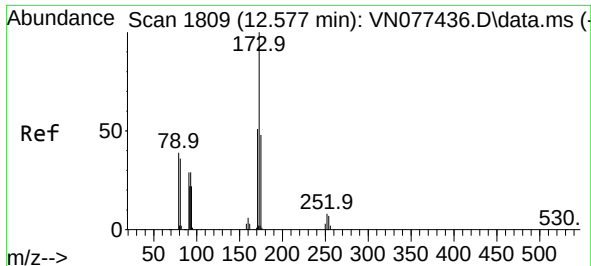
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#70
Styrene
Concen: 21.894 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

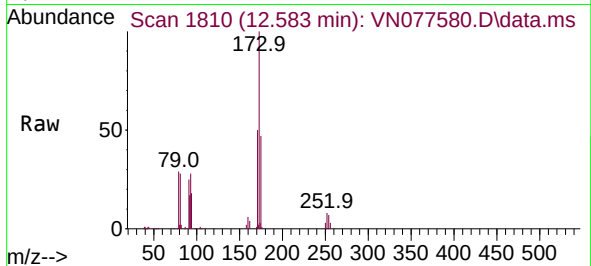
Tgt Ion:104 Resp: 656882
Ion Ratio Lower Upper
104 100
78 47.2 39.5 59.3
103 53.2 43.2 64.8





#71
Bromoform
Concen: 20.711 ug/l
RT: 12.583 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

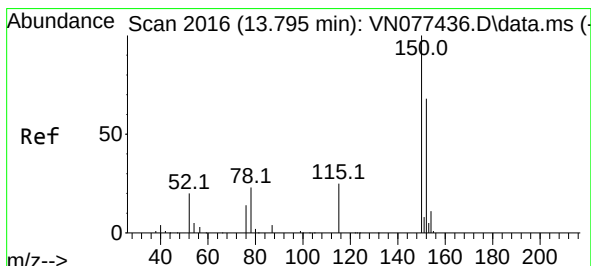
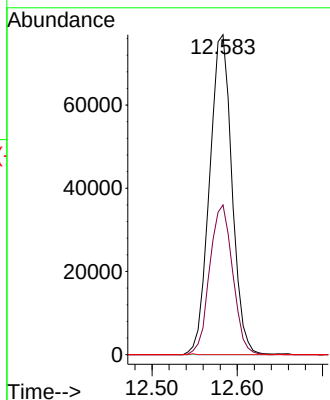
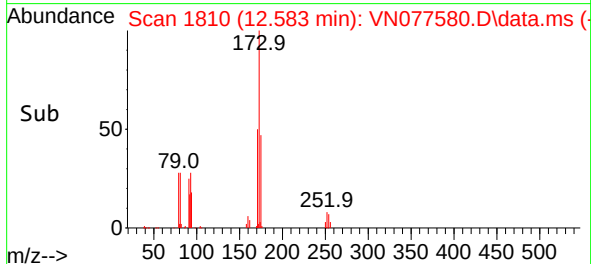
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD02



Tgt Ion:173 Resp: 140540
Ion Ratio Lower Upper
173 100
175 47.9 24.3 73.0
254 0.0 0.0 0.0

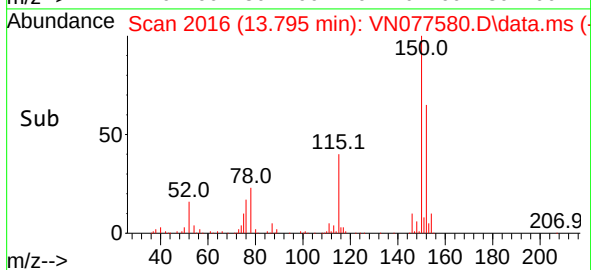
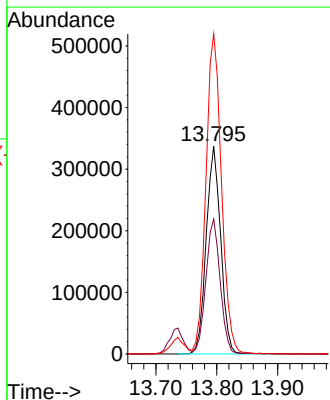
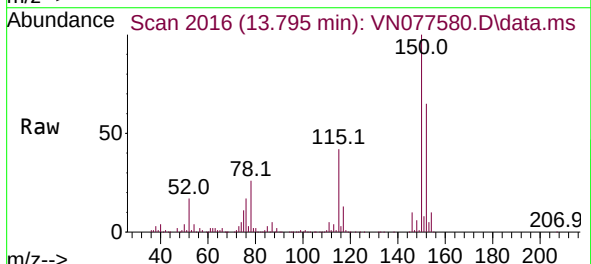
Manual Integrations
APPROVED

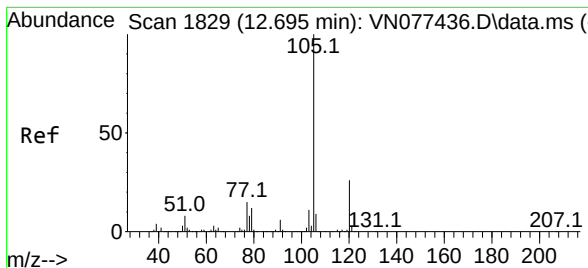
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

Tgt Ion:152 Resp: 556517
Ion Ratio Lower Upper
152 100
115 63.8 32.3 96.8
150 165.1 0.0 355.8





#73

Isopropylbenzene

Concen: 20.560 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. 0.006 min

Lab File: VN077580.D

Acq: 04 May 2023 15:35

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBSD02

Tgt Ion:105 Resp: 106175

Ion Ratio Lower Upper

105 100

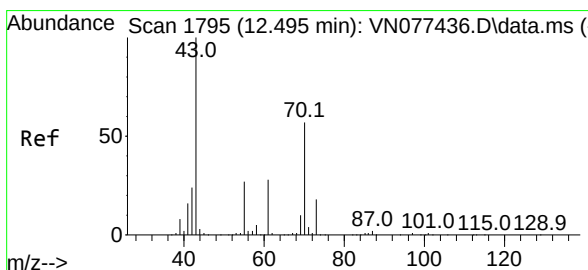
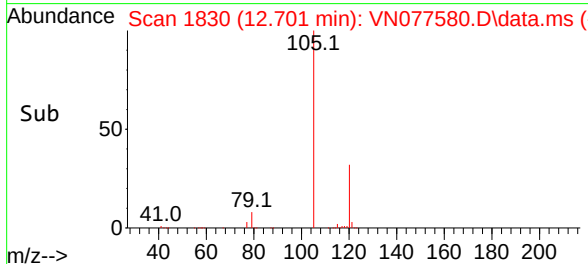
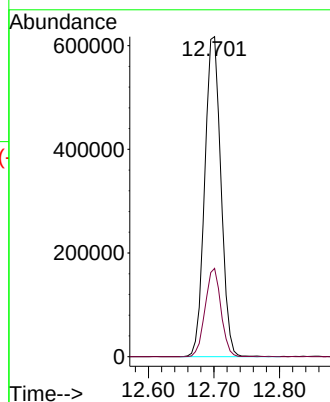
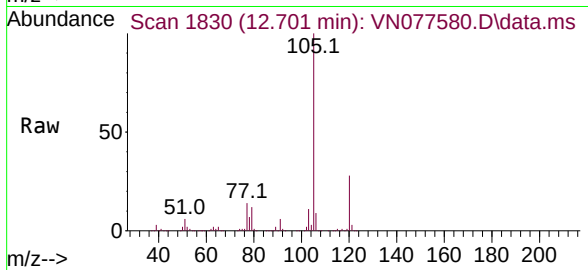
120 27.0 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#74

N-ethyl acetate

Concen: 14.811 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN077580.D

Acq: 04 May 2023 15:35

Tgt Ion: 43 Resp: 226443

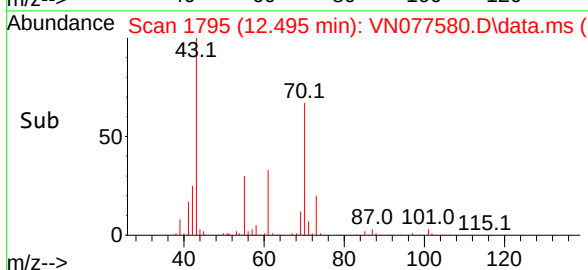
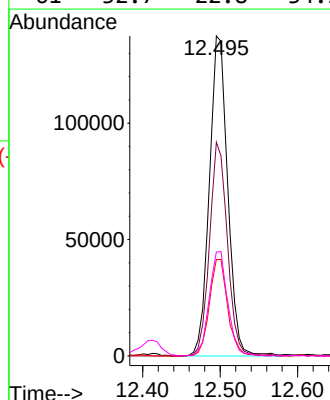
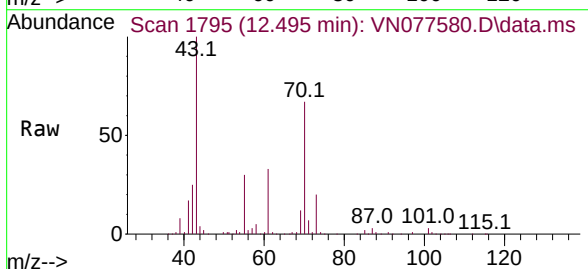
Ion Ratio Lower Upper

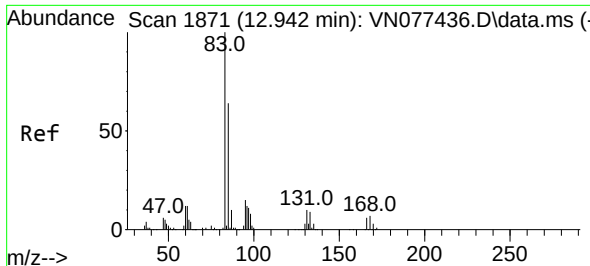
43 100

70 64.5 43.4 65.2

55 30.1 21.4 32.0

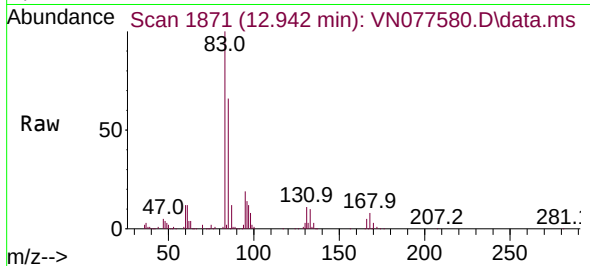
61 32.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.419 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

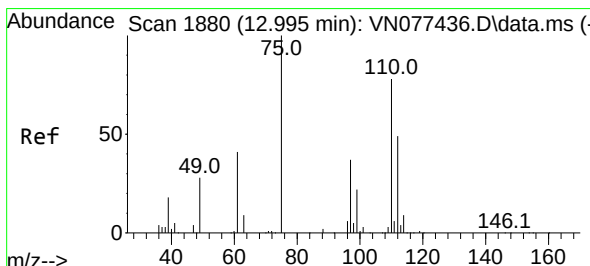
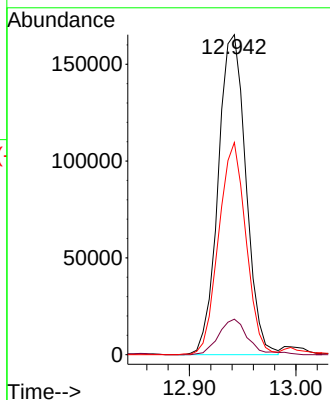
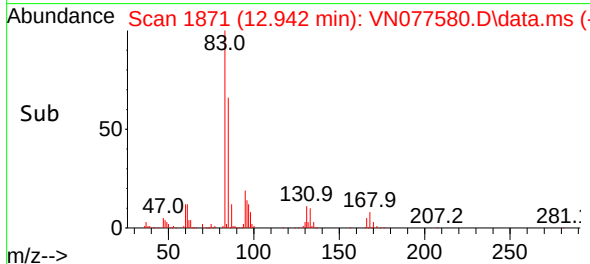
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD02



Tgt Ion: 83 Resp: 298864
Ion Ratio Lower Upper
83 100
131 11.8 5.0 15.0
85 65.1 31.9 95.7

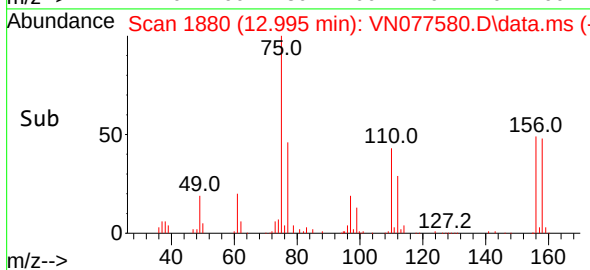
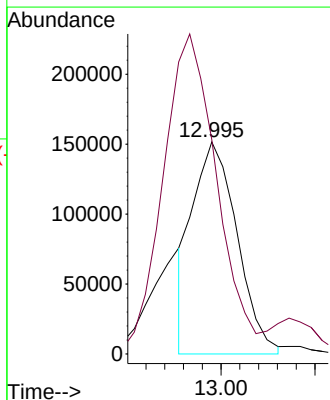
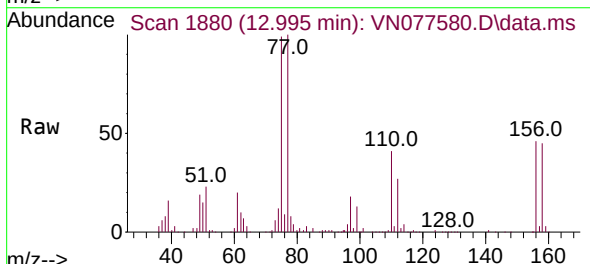
Manual Integrations
APPROVED

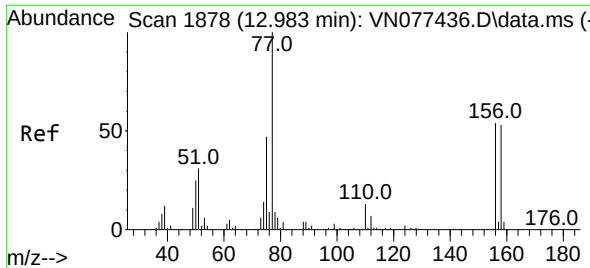
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#76
1,2,3-Trichloropropane
Concen: 19.246 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

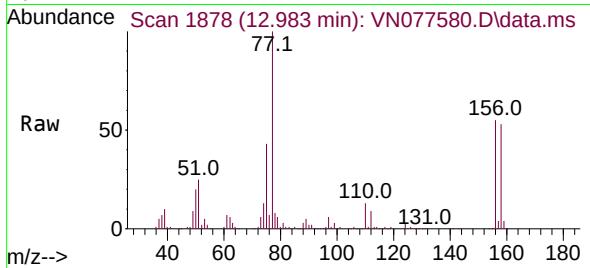
Tgt Ion: 75 Resp: 249072
Ion Ratio Lower Upper
75 100
77 184.2 84.5 253.5





#77
Bromobenzene
Concen: 20.265 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

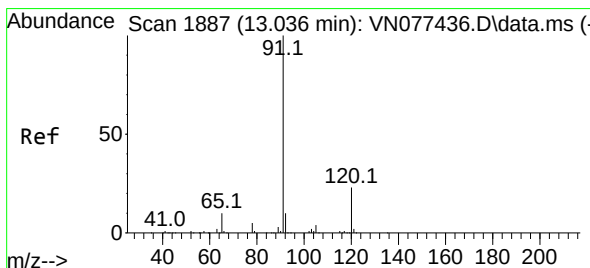
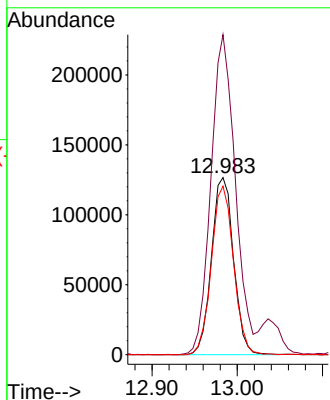
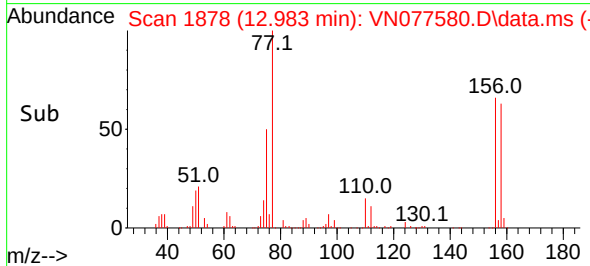
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD02



Tgt Ion:156 Resp: 228084
Ion Ratio Lower Upper
156 100
77 201.2 107.7 323.3
158 95.4 48.4 145.3

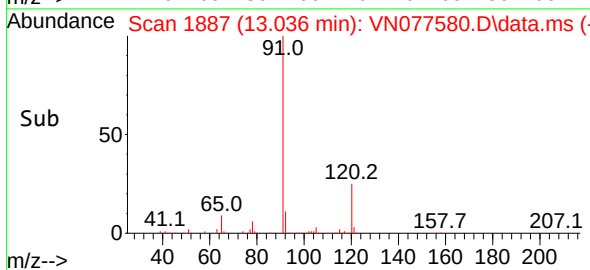
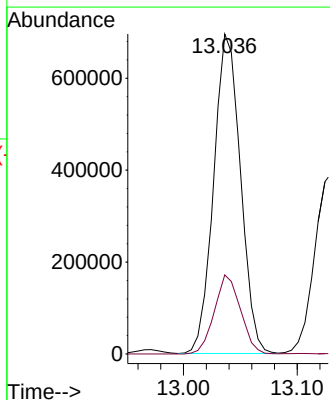
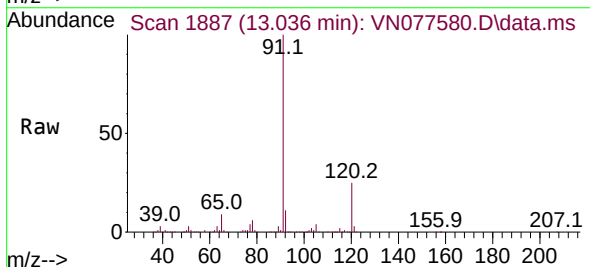
Manual Integrations
APPROVED

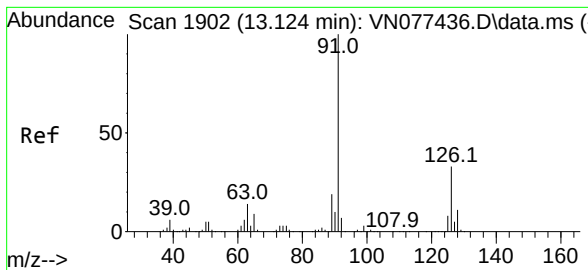
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#78
n-propylbenzene
Concen: 19.984 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

Tgt Ion: 91 Resp: 1141126
Ion Ratio Lower Upper
91 100
120 24.1 11.5 34.4





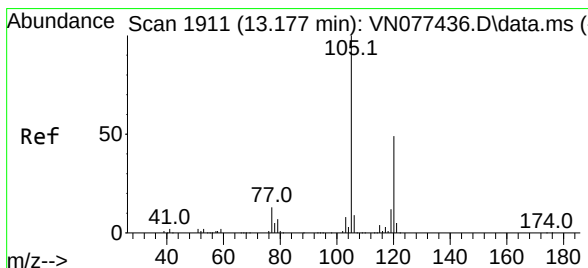
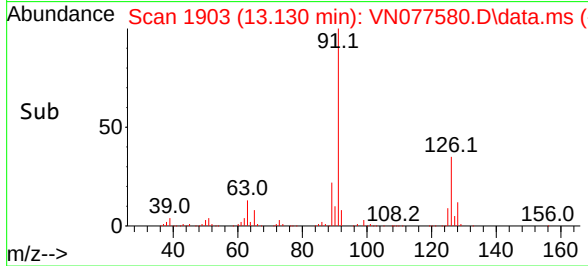
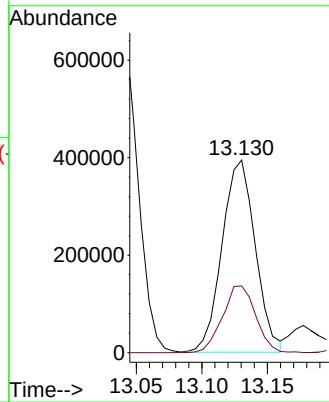
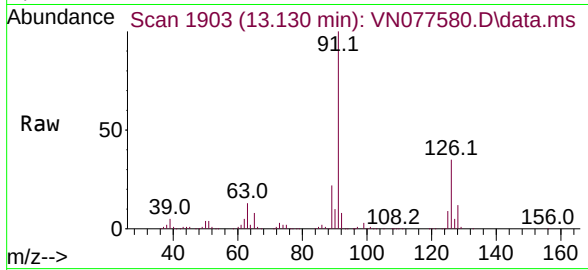
#79
2-Chlorotoluene
Concen: 19.734 ug/l
RT: 13.130 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD02

Tgt Ion: 91 Resp: 694739
Ion Ratio Lower Upper
91 100
126 34.9 16.3 48.8

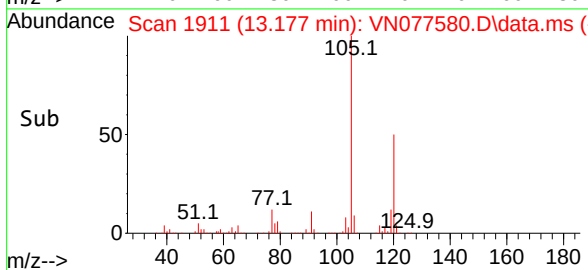
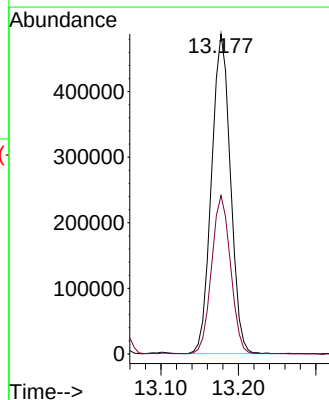
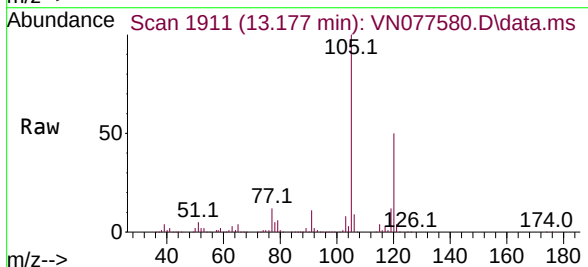
Manual Integrations
APPROVED

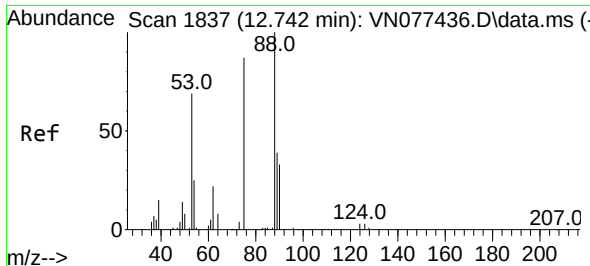
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.581 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

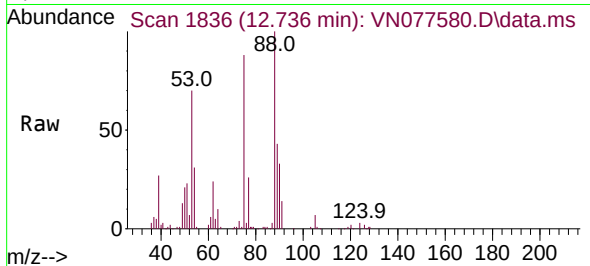
Tgt Ion:105 Resp: 827639
Ion Ratio Lower Upper
105 100
120 49.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.339 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

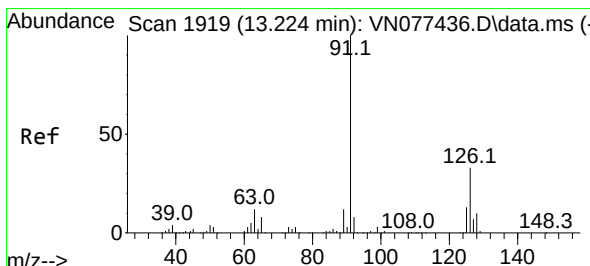
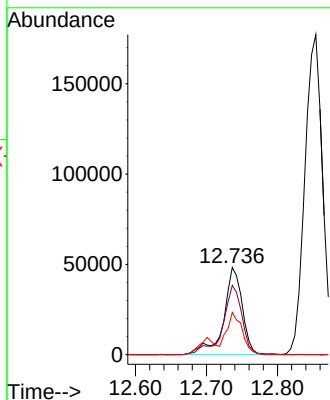
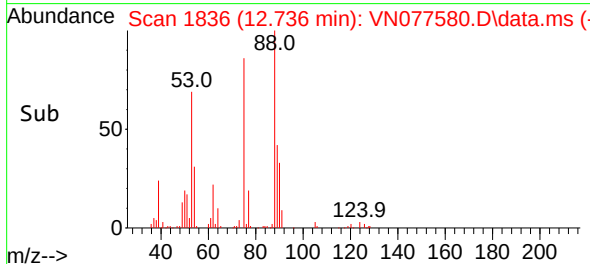
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD02



Tgt Ion: 75 Resp: 8858
Ion Ratio Lower Upper
75 100
53 81.4 67.4 101.2
89 40.1 38.8 58.2

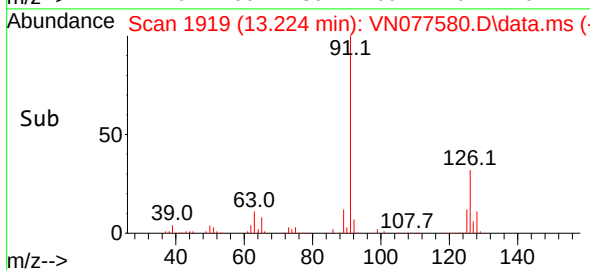
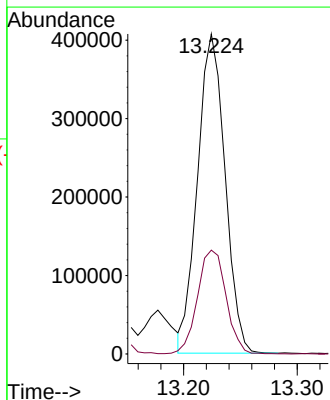
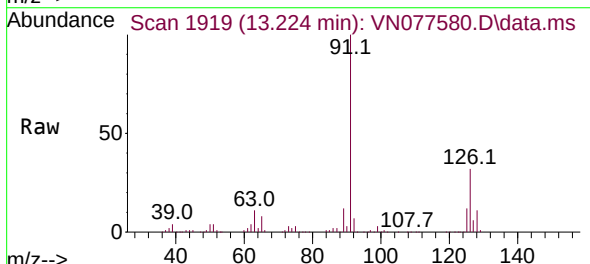
Manual Integrations
APPROVED

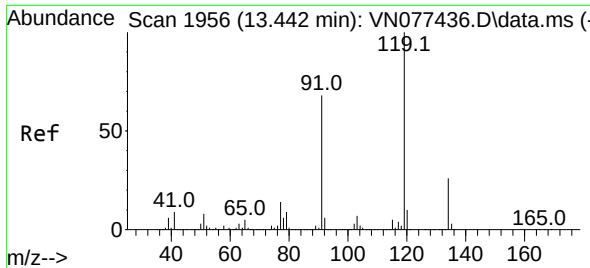
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#82
4-Chlorotoluene
Concen: 20.834 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

Tgt Ion: 91 Resp: 685399
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.0





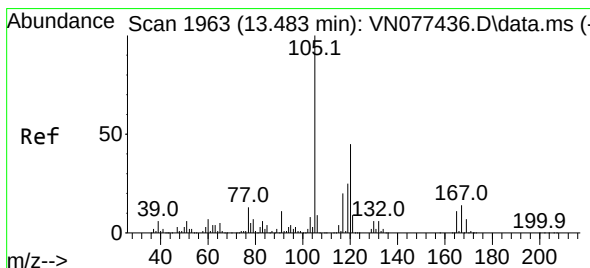
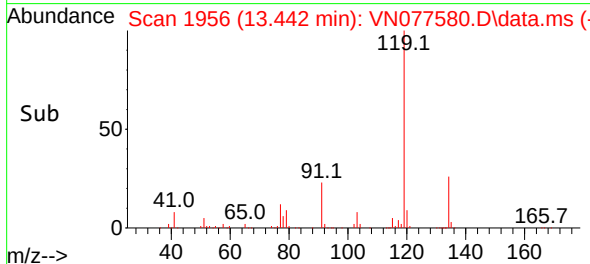
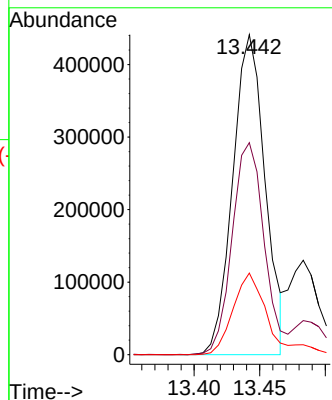
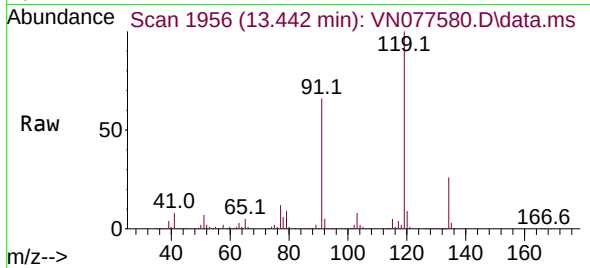
#83
tert-Butylbenzene
Concen: 20.359 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD02

Tgt Ion:119 Resp: 758238
Ion Ratio Lower Upper
119 100
91 66.2 33.9 101.7
134 27.5 13.2 39.6

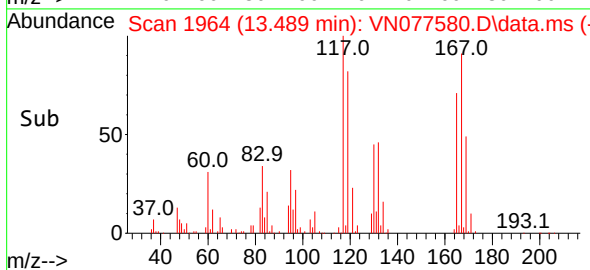
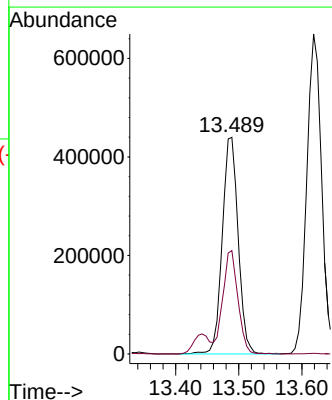
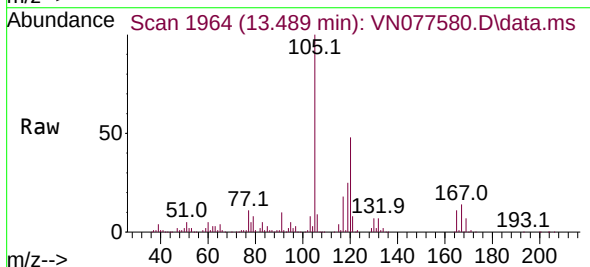
Manual Integrations
APPROVED

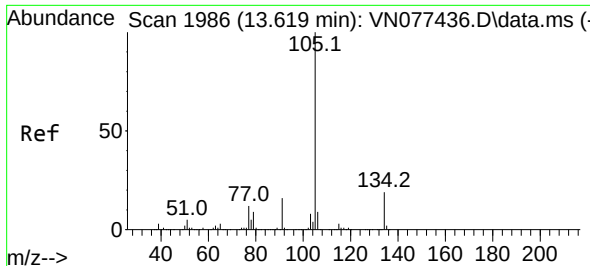
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023



#84
1,2,4-Trimethylbenzene
Concen: 21.498 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

Tgt Ion:105 Resp: 769983
Ion Ratio Lower Upper
105 100
120 45.3 22.0 66.0





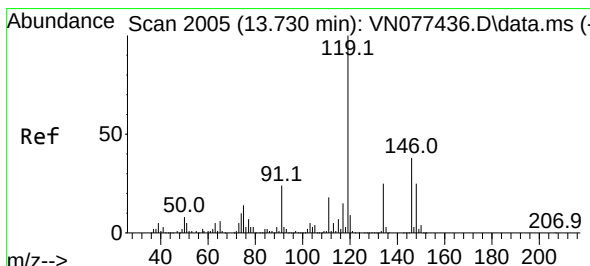
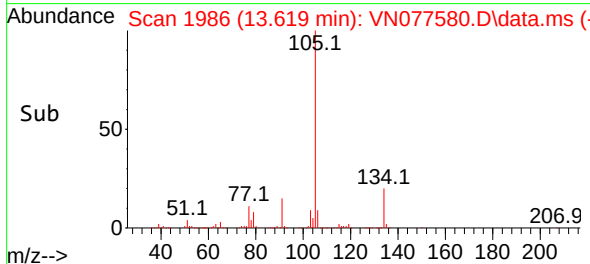
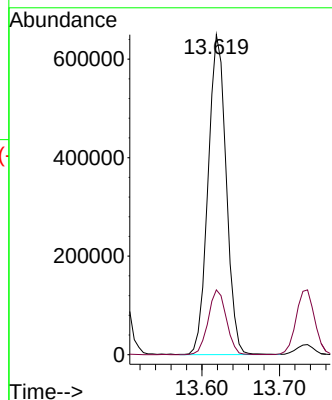
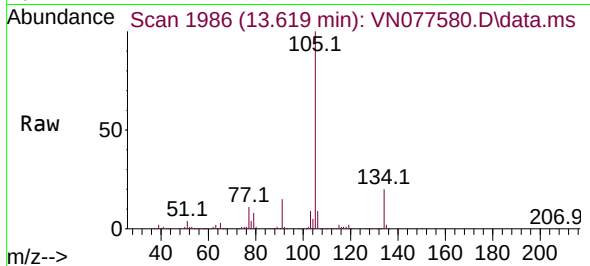
#85
 sec-Butylbenzene
 Concen: 20.603 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077580.D
 Acq: 04 May 2023 15:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504WBSD02

Tgt Ion:105 Resp: 1053260
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.3

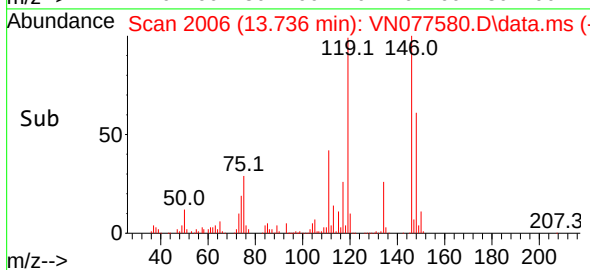
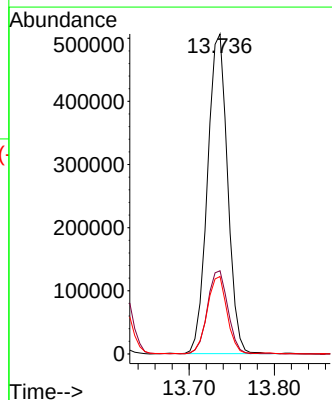
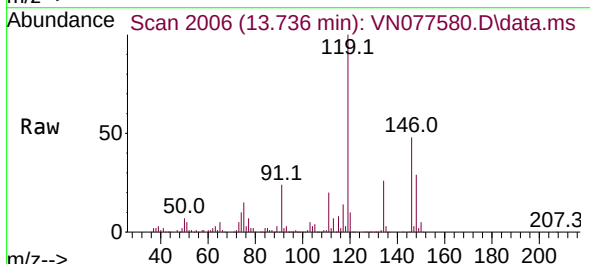
Manual Integrations
 APPROVED

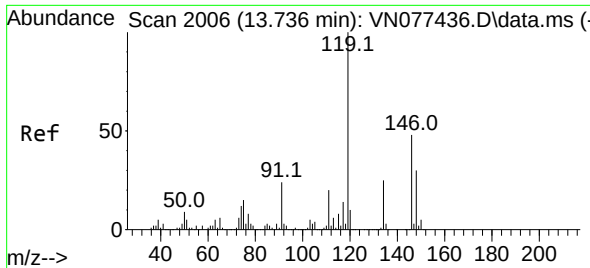
Reviewed By :John Carlone 05/05/2023
 Supervised By :Mahesh Dadoda 05/05/2023



#86
 p-Isopropyltoluene
 Concen: 21.023 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077580.D
 Acq: 04 May 2023 15:35

Tgt Ion:119 Resp: 826902
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.6 37.8
 91 23.7 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 20.831 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VN077580.D
 Acq: 04 May 2023 15:35

Instrument :

MSVOA_N

ClientSampleId :

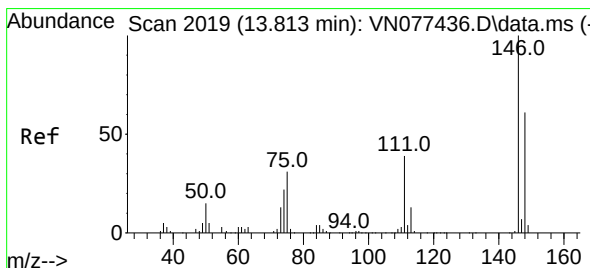
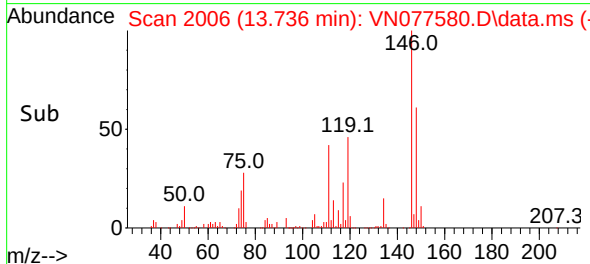
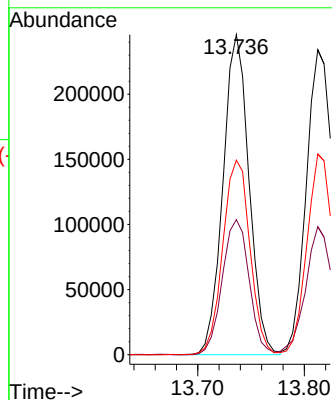
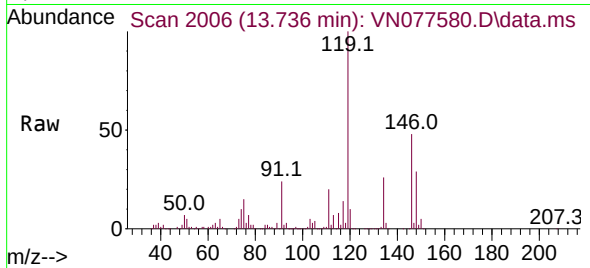
VN0504WBSD02

Tgt Ion:146 Resp: 416950
 Ion Ratio Lower Upper
 146 100
 111 43.5 22.1 66.3
 148 63.3 32.0 96.0

Manual Integrations

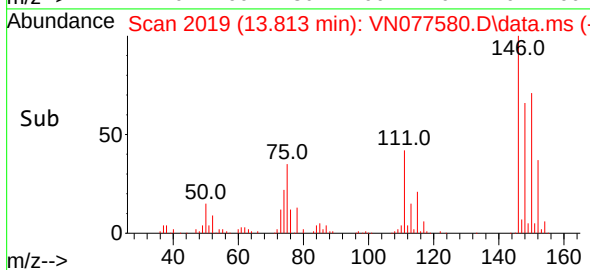
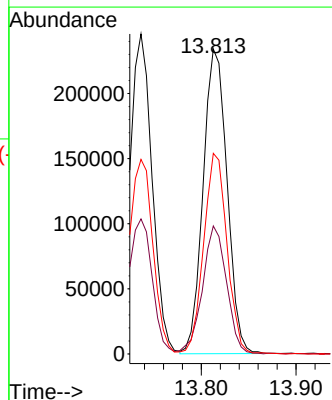
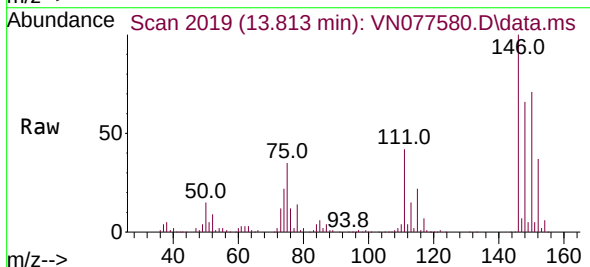
APPROVED

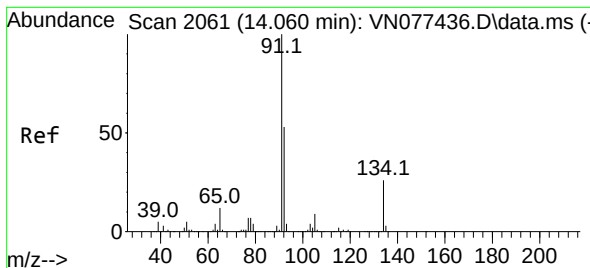
Reviewed By :John Carlone 05/05/2023
 Supervised By :Mahesh Dadoda 05/05/2023



#88
 1,4-Dichlorobenzene
 Concen: 20.754 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN077580.D
 Acq: 04 May 2023 15:35

Tgt Ion:146 Resp: 410174
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.6 61.8
 148 64.2 31.6 94.8





#89

n-Butylbenzene

Concen: 20.112 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077580.D

Acq: 04 May 2023 15:35

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBSD02

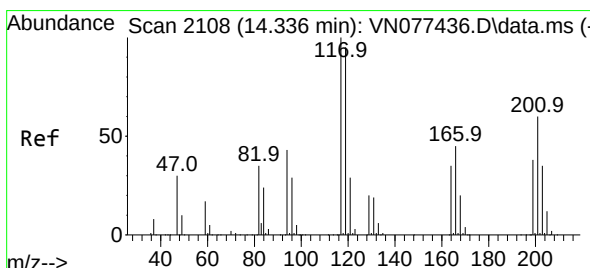
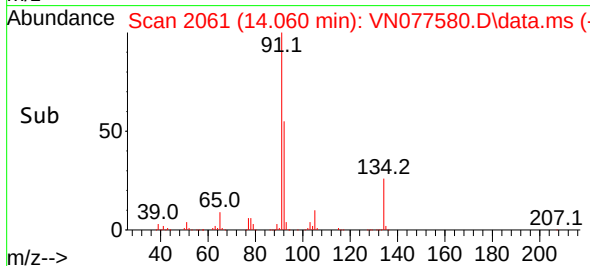
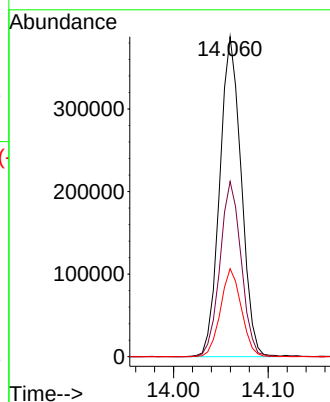
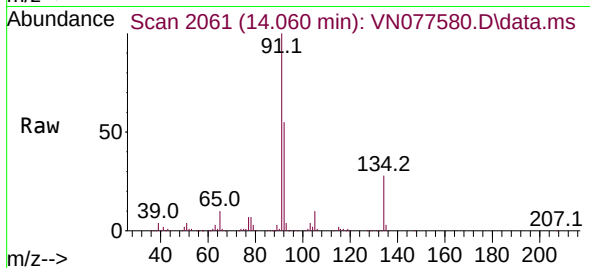
Tgt Ion:	91	Resp:	61218
Ion Ratio	Lower	Upper	
91	100		
92	54.0	26.4	79.0
134	26.7	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#90

Hexachloroethane

Concen: 17.520 ug/l

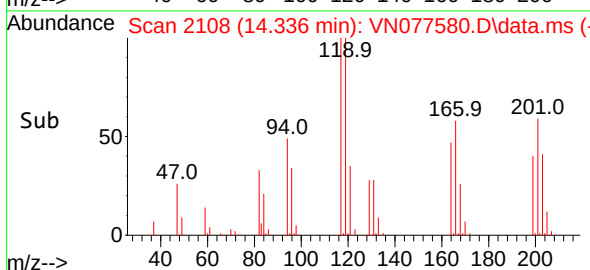
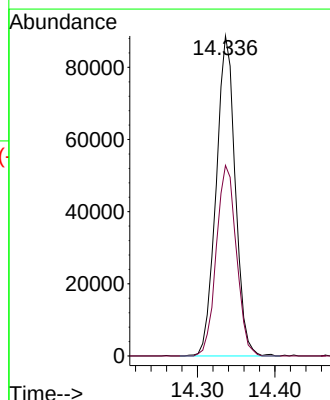
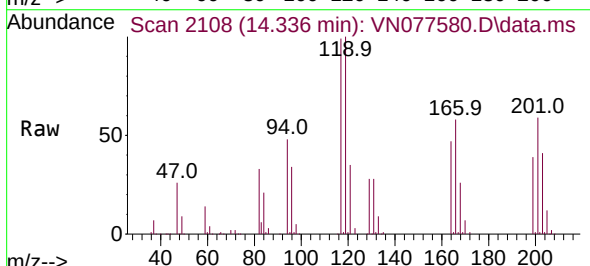
RT: 14.336 min Scan# 2108

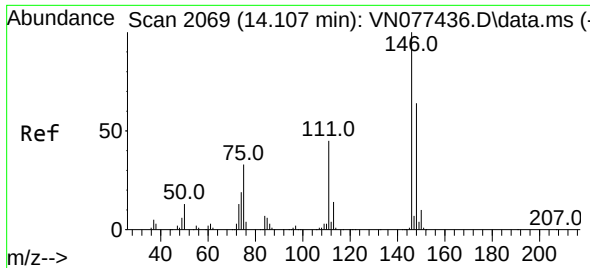
Delta R.T. -0.000 min

Lab File: VN077580.D

Acq: 04 May 2023 15:35

Tgt Ion:	117	Resp:	152244
Ion Ratio	Lower	Upper	
117	100		
201	62.4	29.3	88.0





#91

1,2-Dichlorobenzene

Concen: 20.745 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077580.D

Acq: 04 May 2023 15:35

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBSD02

Tgt Ion:146 Resp: 411838

Ion Ratio Lower Upper

146 100

111 44.7 22.0 66.0

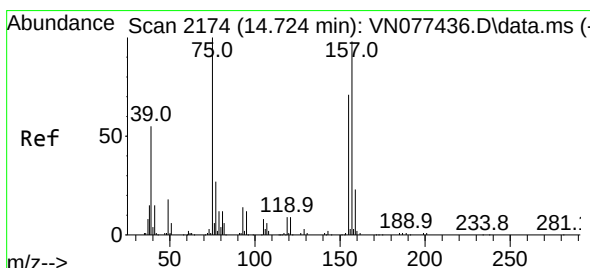
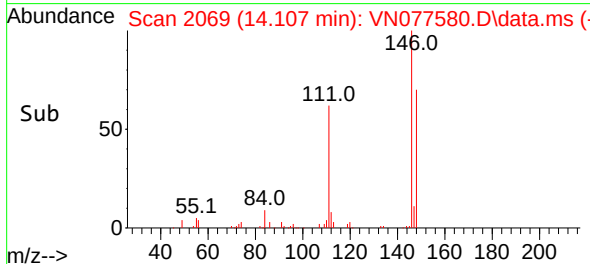
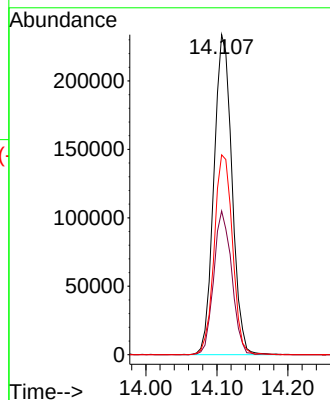
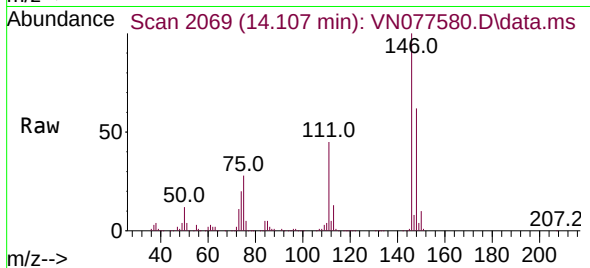
148 63.2 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2023

Supervised By :Mahesh Dadoda 05/05/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.265 ug/l

RT: 14.724 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN077580.D

Acq: 04 May 2023 15:35

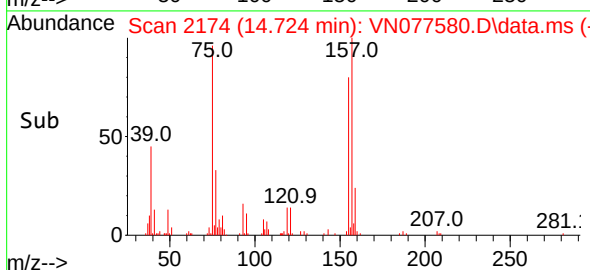
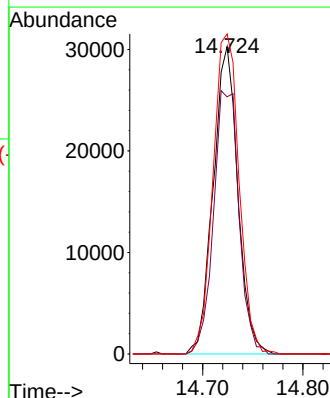
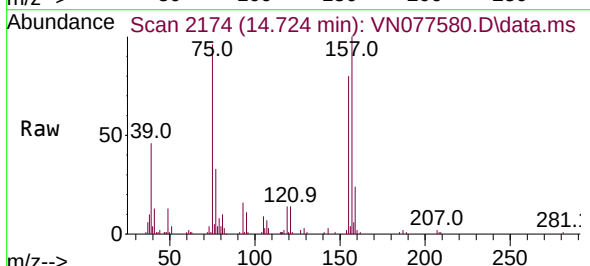
Tgt Ion: 75 Resp: 51805

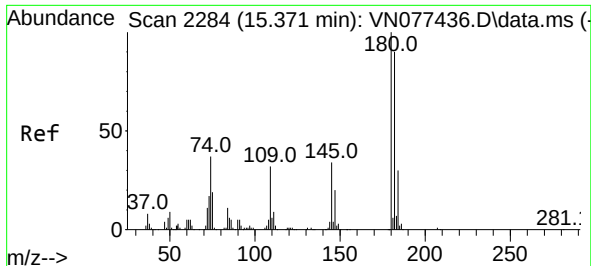
Ion Ratio Lower Upper

75 100

155 88.3 39.1 117.2

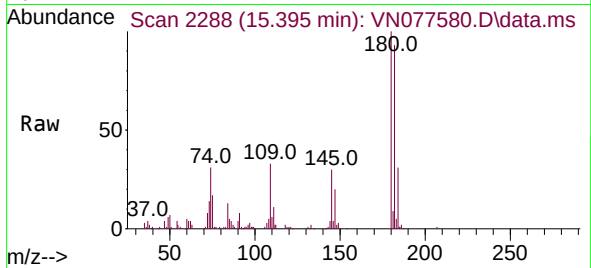
157 110.0 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 20.507 ug/l
RT: 15.395 min Scan# 21
Delta R.T. 0.024 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

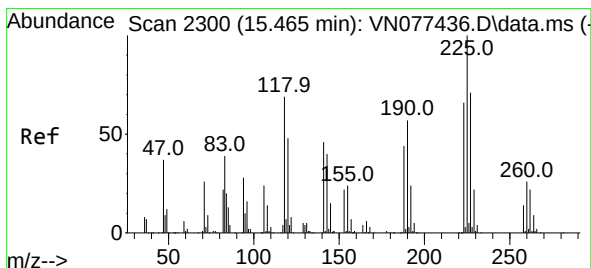
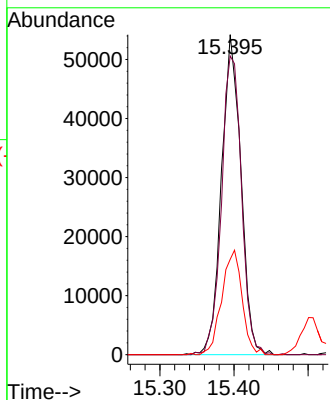
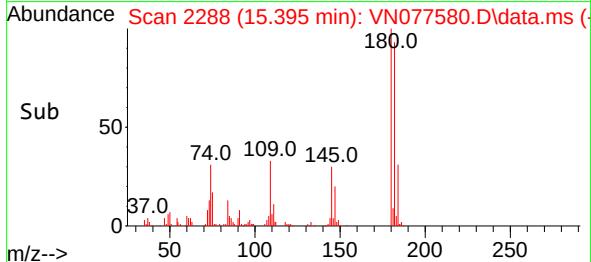
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD02



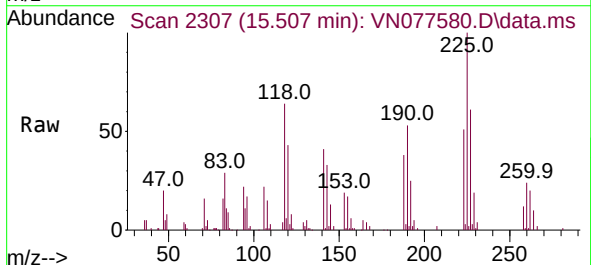
Tgt Ion:180 Resp: 9871
Ion Ratio Lower Upper
180 100
182 96.2 46.1 138.2
145 34.2 16.6 49.8

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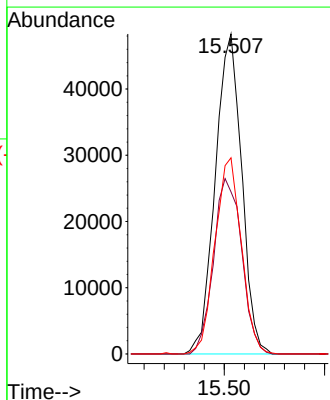
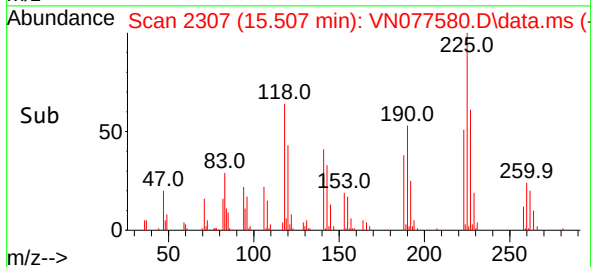
Reviewed By :John Carlone 05/05/2023
Supervised By :Mahesh Dadoda 05/05/2023

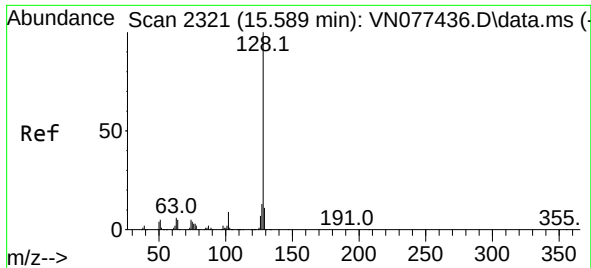


#94
Hexachlorobutadiene
Concen: 22.048 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. 0.042 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35



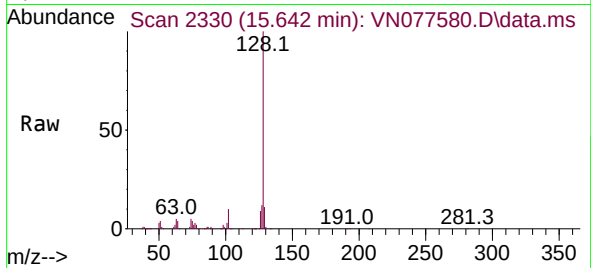
Tgt Ion:225 Resp: 88453
Ion Ratio Lower Upper
225 100
223 58.3 31.3 93.8
227 61.2 31.9 95.9





#95
Naphthalene
Concen: 20.192 ug/l
RT: 15.642 min Scan# 2364
Delta R.T. 0.053 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

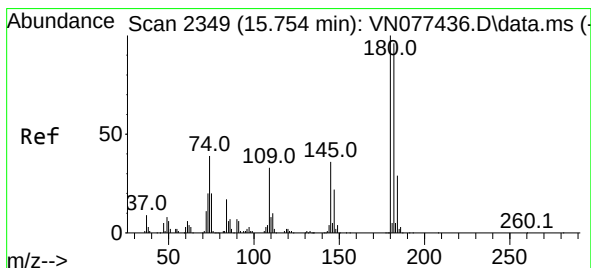
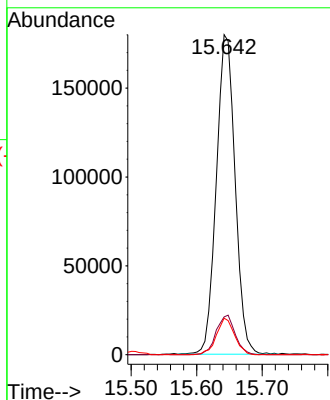
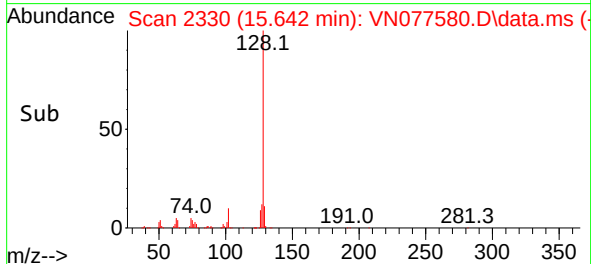
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBSD02



Tgt Ion:128 Resp: 357130
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 20.400 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. 0.088 min
Lab File: VN077580.D
Acq: 04 May 2023 15:35

Tgt Ion:180 Resp: 91992
Ion Ratio Lower Upper
180 100
182 96.4 46.2 138.6
145 38.4 17.5 52.6

