

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042723\
 Data File : VN077493.D
 Acq On : 27 Apr 2023 16:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/28/2023
 Supervised By : Mahesh Dadoda 04/28/2023

Quant Time: Apr 28 03:25:16 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	650696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1206959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1081481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	469500	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.584	65	465851	54.865	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.740%	
35) Dibromofluoromethane	8.172	113	398713	54.962	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.920%	
50) Toluene-d8	10.566	98	1557777	56.029	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.060%	
62) 4-Bromofluorobenzene	12.848	95	536552	58.985	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 117.960%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.137	85	342499	41.287	ug/l	95
3) Chloromethane	2.372	50	276617	42.409	ug/l	99
4) Vinyl Chloride	2.525	62	384951	44.303	ug/l	96
5) Bromomethane	2.960	94	289300	38.436	ug/l	100
6) Chloroethane	3.131	64	249091	37.733	ug/l	96
7) Trichlorofluoromethane	3.513	101	654636	51.259	ug/l	99
8) Diethyl Ether	3.966	74	214300	46.177	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.378	101	341959	46.040	ug/l	100
10) Methyl Iodide	4.596	142	394670	43.252	ug/l	99
11) Tert butyl alcohol	5.531	59	291189	213.626	ug/l	100
12) 1,1-Dichloroethene	4.354	96	319708	44.028	ug/l	98
13) Acrolein	4.190	56	271872	200.499	ug/l	98
14) Allyl chloride	5.037	41	356367	44.141	ug/l	89
15) Acrylonitrile	5.731	53	736023	238.024	ug/l	100
16) Acetone	4.437	43	598875	221.701	ug/l	95
17) Carbon Disulfide	4.725	76	770972	41.783	ug/l	98
18) Methyl Acetate	5.025	43	488037	46.785	ug/l	99
19) Methyl tert-butyl Ether	5.801	73	1190002	49.277	ug/l	98
20) Methylene Chloride	5.290	84	379164	44.261	ug/l	97
21) trans-1,2-Dichloroethene	5.790	96	366009	46.613	ug/l	96
22) Diisopropyl ether	6.678	45	893025	48.196	ug/l	97
23) Vinyl Acetate	6.613	43	2762315	238.714	ug/l	99
24) 1,1-Dichloroethane	6.572	63	627918	47.875	ug/l	100
25) 2-Butanone	7.484	43	899199	234.697	ug/l	95
26) 2,2-Dichloropropane	7.495	77	622063	48.914	ug/l	99
27) cis-1,2-Dichloroethene	7.490	96	440646	47.384	ug/l	100
28) Bromochloromethane	7.819	49	263011	52.512	ug/l	98
29) Tetrahydrofuran	7.842	42	554067	230.811	ug/l	98
30) Chloroform	7.966	83	736189	49.806	ug/l	97
31) Cyclohexane	8.260	56	522458	43.436	ug/l	95
32) 1,1,1-Trichloroethane	8.172	97	672638	49.497	ug/l	98
36) 1,1-Dichloropropene	8.372	75	518232	49.447	ug/l	100
37) Ethyl Acetate	7.566	43	372152	46.730	ug/l	98
38) Carbon Tetrachloride	8.366	117	584582	50.555	ug/l	98
39) Methylcyclohexane	9.601	83	689089	49.904	ug/l	99
40) Benzene	8.607	78	1560259	48.869	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	207496	50.024	ug/l	97
42) 1,2-Dichloroethane	8.672	62	539044	49.156	ug/l	99
43) Isopropyl Acetate	8.689	43	660417	47.934	ug/l	98
44) Trichloroethene	9.354	130	408906	50.021	ug/l	99
45) 1,2-Dichloropropane	9.619	63	370152	49.493	ug/l	91
46) Dibromomethane	9.713	93	291627	48.056	ug/l	98
47) Bromodichloromethane	9.889	83	584180	49.767	ug/l	98
48) Methyl methacrylate	9.684	41	294796	47.006	ug/l	98
49) 1,4-Dioxane	9.695	88	151211	961.237	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	1927513	238.519	ug/l	99
52) Toluene	10.631	92	1070284	51.171	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	632585	53.220	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	667145	51.565	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	416669	49.540	ug/l	97
56) Ethyl methacrylate	10.878	69	601906	51.072	ug/l	97
57) 1,3-Dichloropropane	11.166	76	681102	50.839	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	1100074	275.966	ug/l	99
59) 2-Hexanone	11.195	43	1376613	234.352	ug/l	98
60) Dibromochloromethane	11.360	129	454865	52.110	ug/l	99
61) 1,2-Dibromoethane	11.472	107	428516	49.903	ug/l	99
64) Tetrachloroethene	11.107	164	322642	49.838	ug/l	96
65) Chlorobenzene	11.895	112	1136286	49.652	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	415728	49.930	ug/l	98
67) Ethyl Benzene	11.966	91	2064841	51.254	ug/l	99
68) m/p-Xylenes	12.072	106	1600366	102.211	ug/l	100
69) o-Xylene	12.401	106	784240	50.922	ug/l	99
70) Styrene	12.413	104	1263879	52.476	ug/l	99
71) Bromoform	12.577	173	284324	52.196	ug/l #	100
73) Isopropylbenzene	12.695	105	2093284	48.047	ug/l	100
74) N-amyl acetate	12.495	43	558354	43.288	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.942	83	596121	43.547	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	496691m	45.494	ug/l	
77) Bromobenzene	12.983	156	418454	44.070	ug/l	97
78) n-propylbenzene	13.036	91	2370864	49.216	ug/l	100
79) 2-Chlorotoluene	13.124	91	1412427	47.555	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	1714012	52.976	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	184700	47.795	ug/l	98
82) 4-Chlorotoluene	13.224	91	1358521	48.949	ug/l	100
83) tert-Butylbenzene	13.442	119	1469535	46.770	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	1695840	56.123	ug/l	99
85) sec-Butylbenzene	13.619	105	2139620	49.612	ug/l	100
86) p-Isopropyltoluene	13.730	119	1731322	52.176	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	809794	47.955	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	799053	47.924	ug/l	99
89) n-Butylbenzene	14.060	91	1473355	57.374	ug/l	99
90) Hexachloroethane	14.336	117	340876	46.498	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	796034	47.529	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	112461	44.426	ug/l	97
93) 1,2,4-Trichlorobenzene	15.395	180	277497	51.105	ug/l	97
94) Hexachlorobutadiene	15.501	225	170597	50.406	ug/l	100
95) Naphthalene	15.642	128	1027042	50.134	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	249325	49.642	ug/l	98

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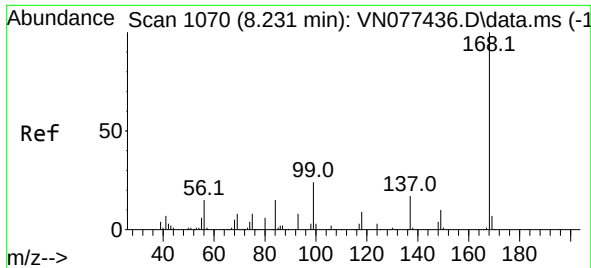
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/28/2023

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



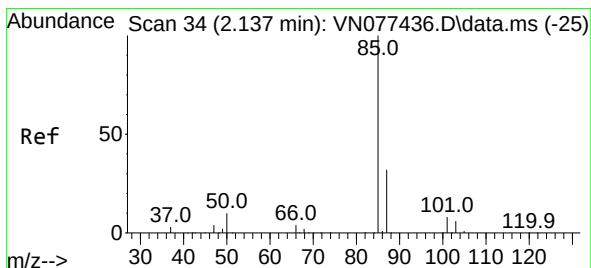
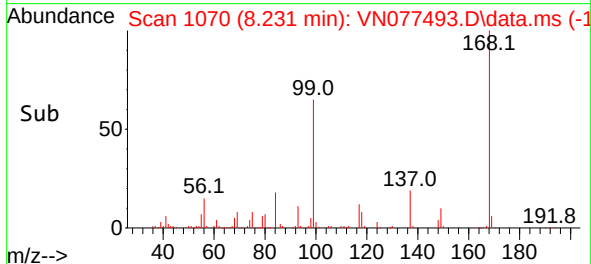
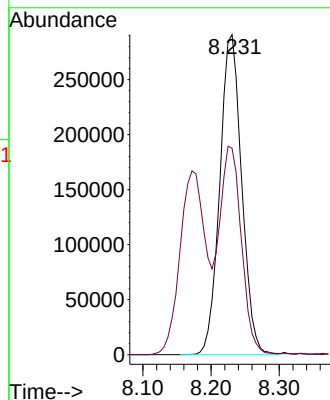
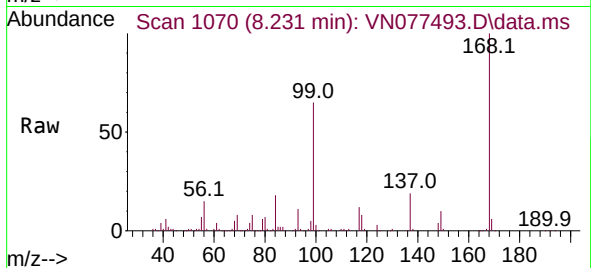
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077493.D
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Tgt Ion:168 Resp: 650690
Ion Ratio Lower Upper
168 100
99 64.2 53.0 79.6

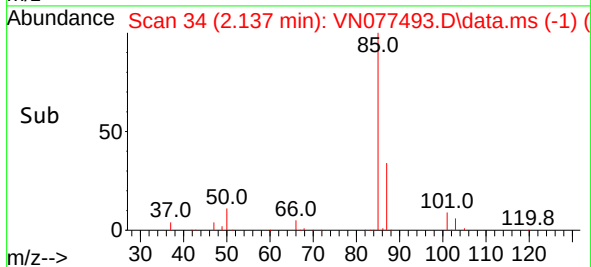
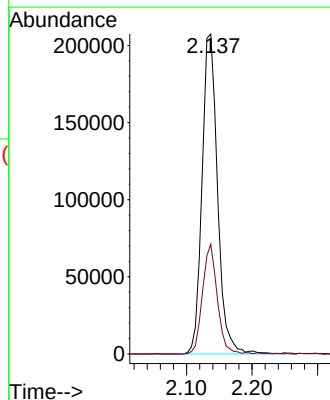
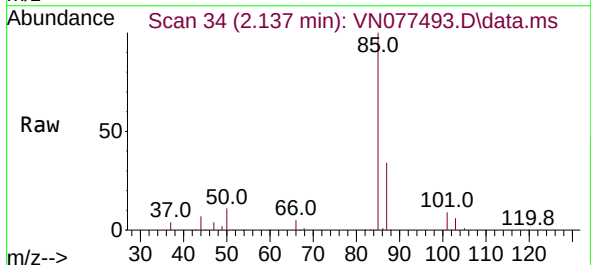
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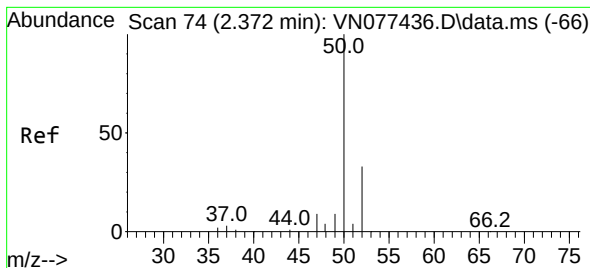
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#2
Dichlorodifluoromethane
Concen: 41.287 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

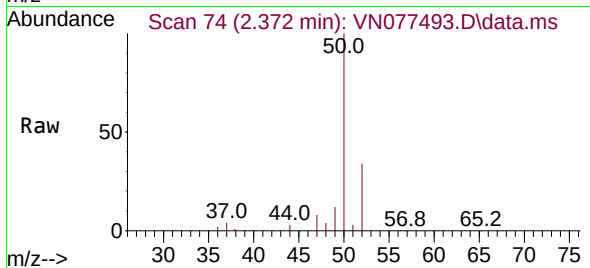
Tgt Ion: 85 Resp: 342499
Ion Ratio Lower Upper
85 100
87 34.3 15.8 47.4





#3
Chloromethane
Concen: 42.409 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077493.D
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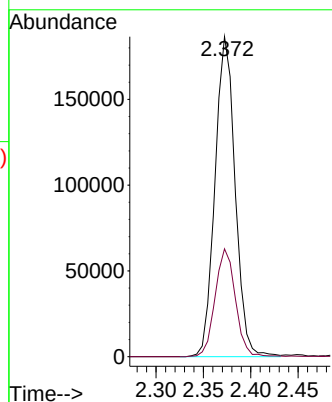
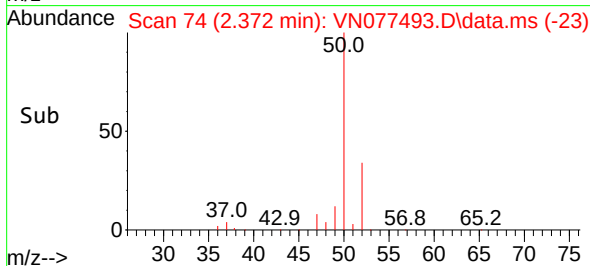
Instrument :
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Tgt Ion: 50 Resp: 27661
Ion Ratio Lower Upper
50 100
52 33.7 26.5 39.7

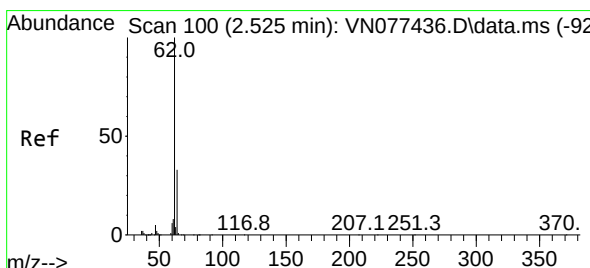
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Reviewed By :John
Carlone



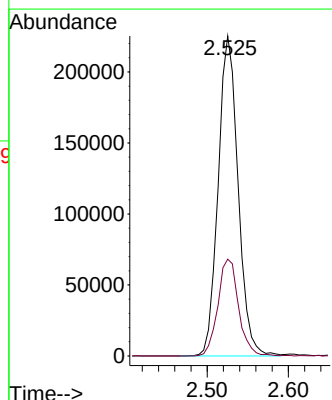
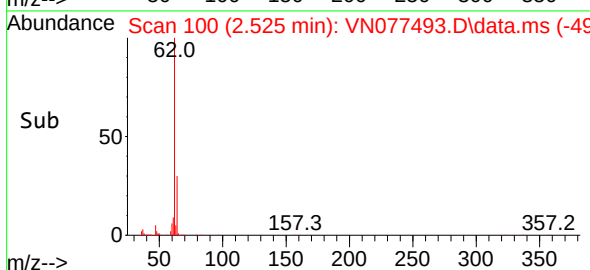
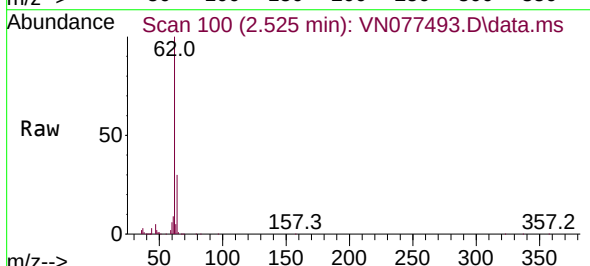
04/28/2023
Supervised By :Mahesh
Dadoda

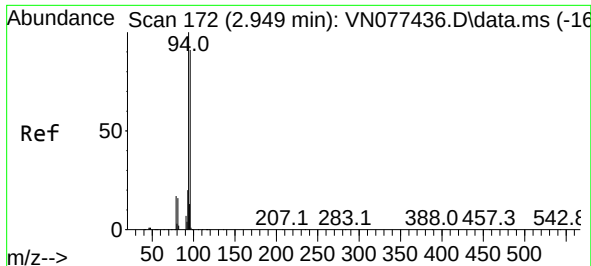
04/28/2023



#4
Vinyl Chloride
Concen: 44.303 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077493.D
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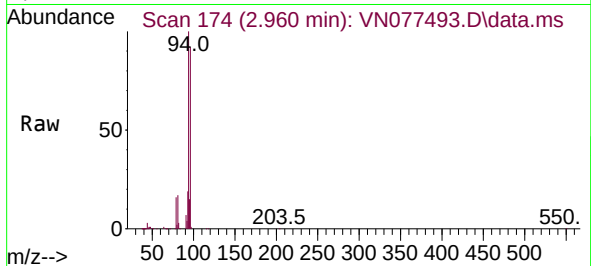
Tgt Ion: 62 Resp: 384951
Ion Ratio Lower Upper
62 100
64 30.3 26.2 39.2





#5
Bromomethane
Concen: 38.436 ug/l
RT: 2.960 min Scan# 174
Delta R.T. 0.012 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

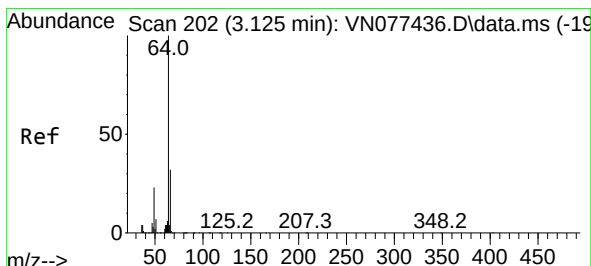
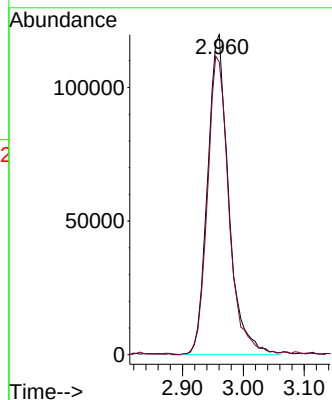
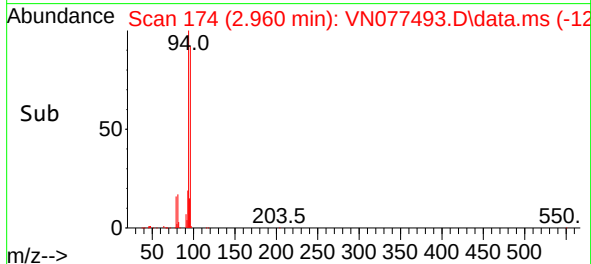
Instrument :
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Tgt Ion: 94 Resp: 289300
Ion Ratio Lower Upper
94 100
96 91.5 73.1 109.7

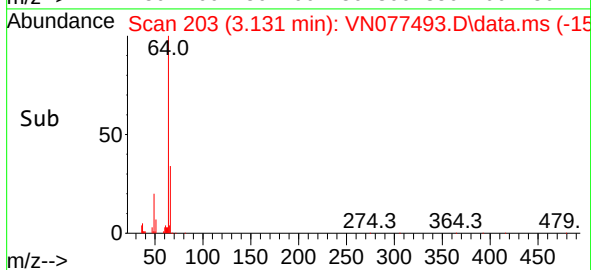
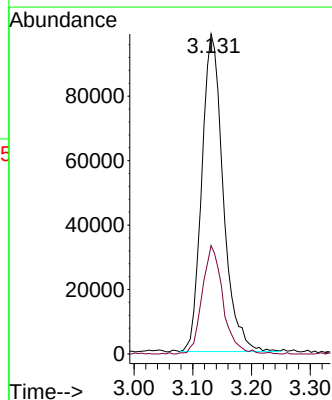
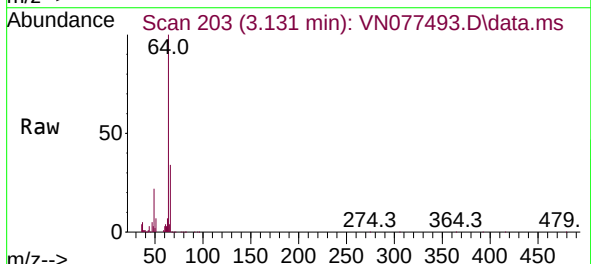
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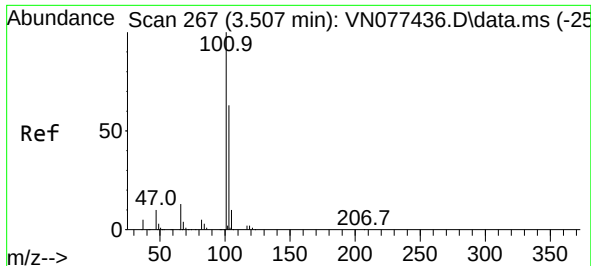
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#6
Chloroethane
Concen: 37.733 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

Tgt Ion: 64 Resp: 249091
Ion Ratio Lower Upper
64 100
66 34.1 25.4 38.2





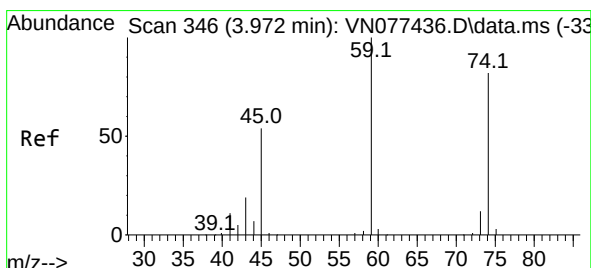
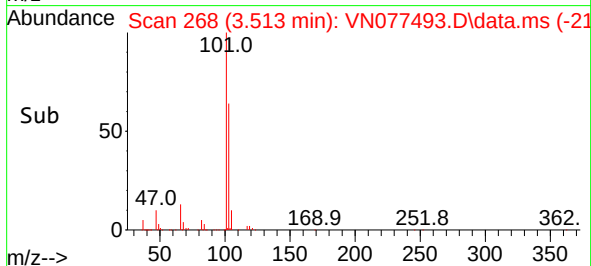
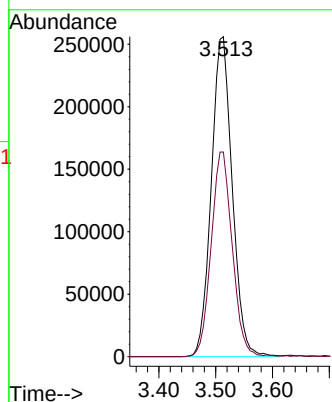
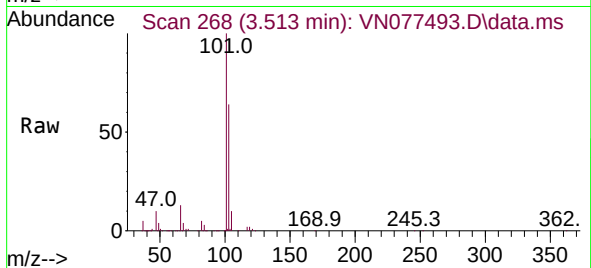
#7
Trichlorofluoromethane
Concen: 51.259 ug/l
RT: 3.513 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 654630
Ion Ratio Lower Upper
101 100
103 64.0 50.7 76.1

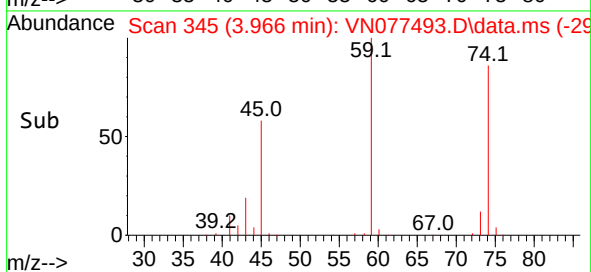
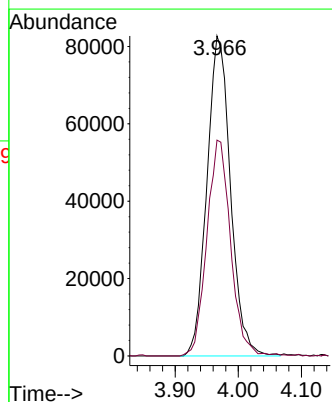
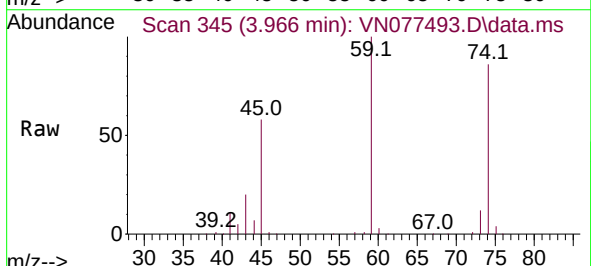
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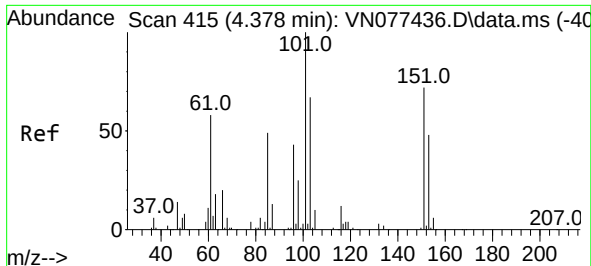
Reviewed By :John Carlone 04/28/2023
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#8
Diethyl Ether
Concen: 46.177 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
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Acq: 27 Apr 2023 16:57

Tgt Ion: 74 Resp: 214300
Ion Ratio Lower Upper
74 100
45 68.0 34.4 103.3





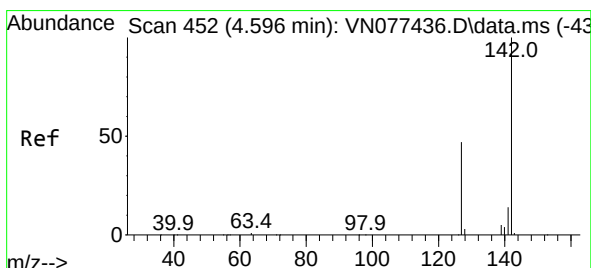
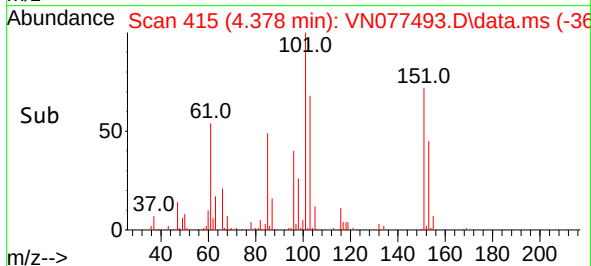
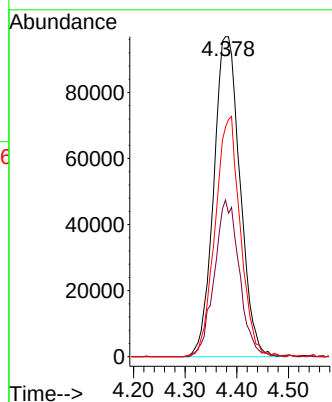
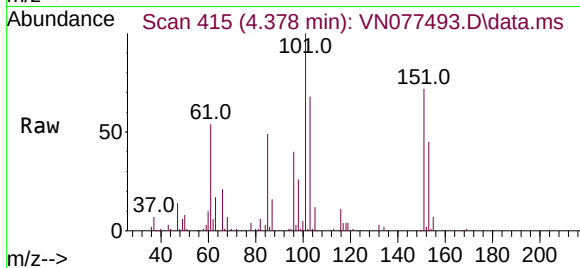
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.040 ug/l
RT: 4.378 min Scan# 415
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 341959
Ion Ratio Lower Upper
101 100
85 46.5 36.6 55.0
151 71.9 57.6 86.4

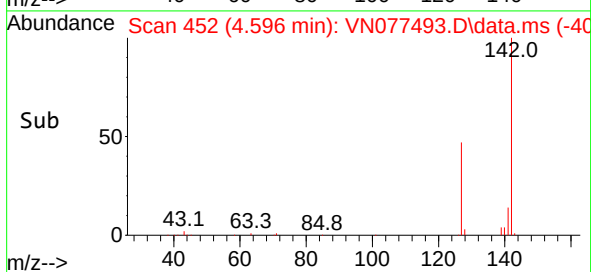
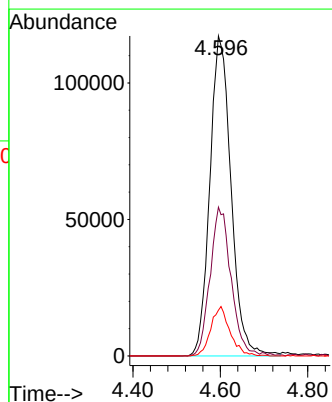
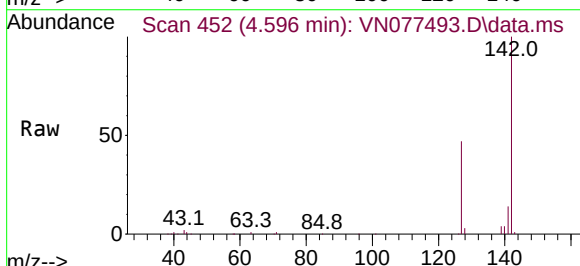
Manual Integrations
APPROVED

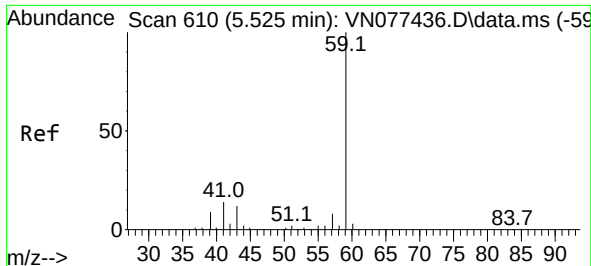
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#10
Methyl Iodide
Concen: 43.252 ug/l
RT: 4.596 min Scan# 452
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

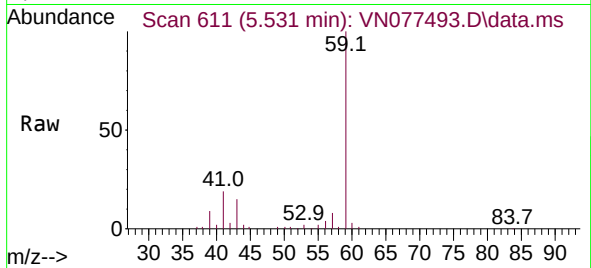
Tgt Ion:142 Resp: 394670
Ion Ratio Lower Upper
142 100
127 46.5 37.6 56.4
141 14.3 11.4 17.0





#11
Tert butyl alcohol
Concen: 213.626 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

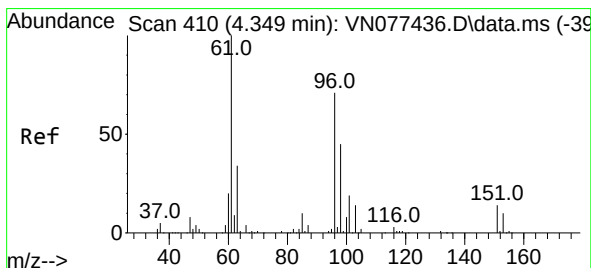
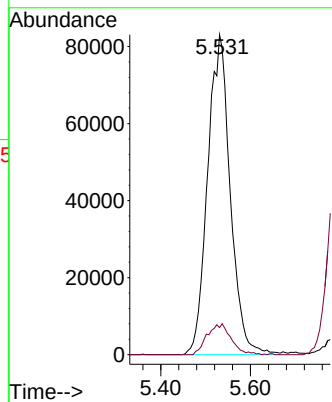
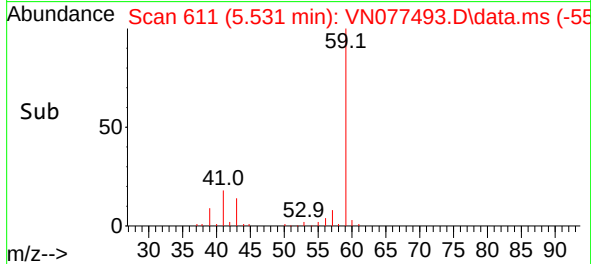
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 291189
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

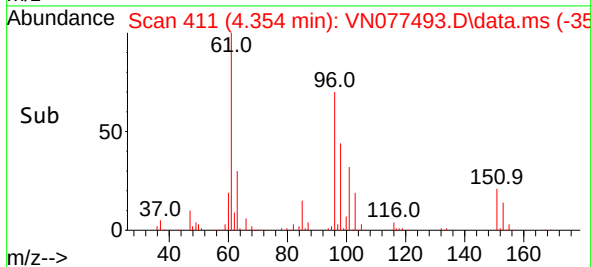
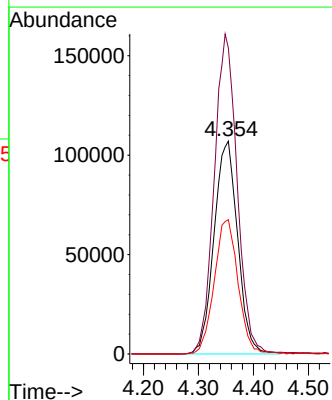
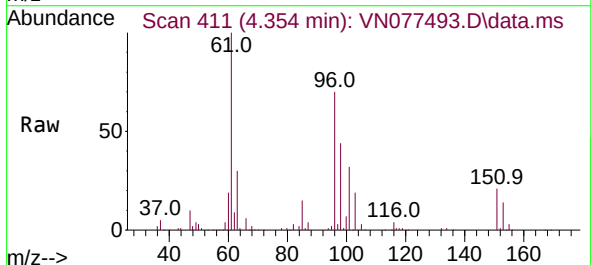
Manual Integrations
APPROVED

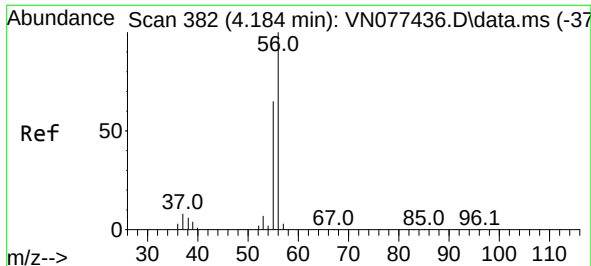
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#12
1,1-Dichloroethene
Concen: 44.028 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

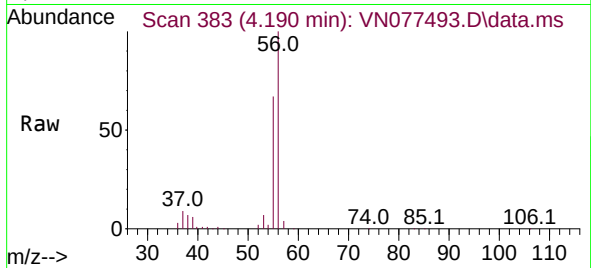
Tgt Ion: 96 Resp: 319708
Ion Ratio Lower Upper
96 100
61 143.8 112.7 169.1
98 63.1 51.2 76.8





#13
Acrolein
Concen: 200.499 ug/l
RT: 4.190 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

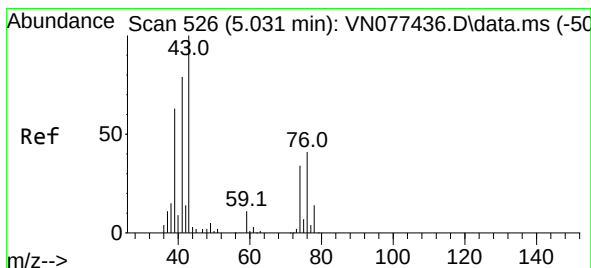
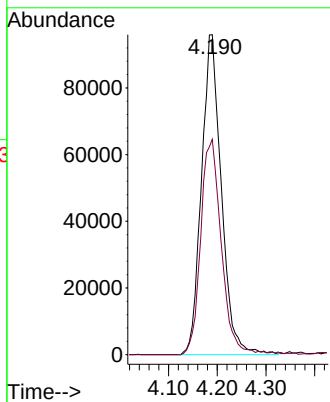
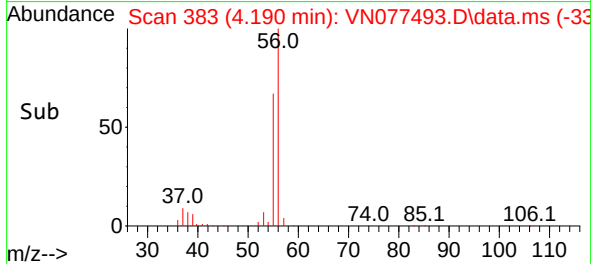
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 271872
Ion Ratio Lower Upper
56 100
55 69.5 54.5 81.7

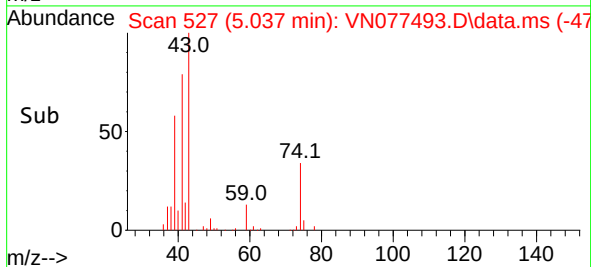
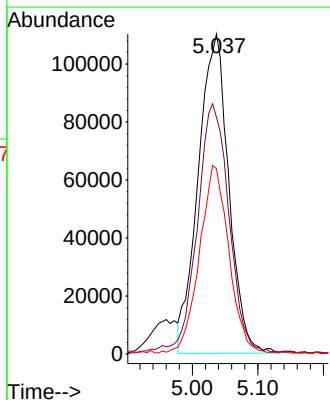
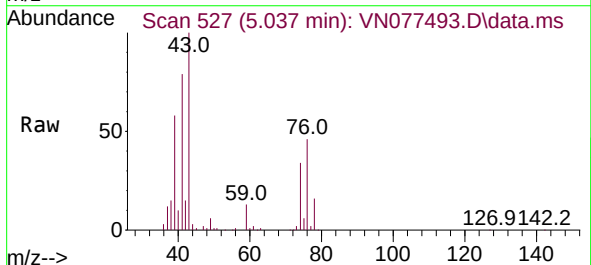
Manual Integrations
APPROVED

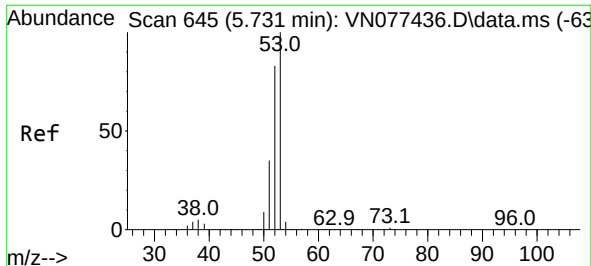
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#14
Allyl chloride
Concen: 44.141 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

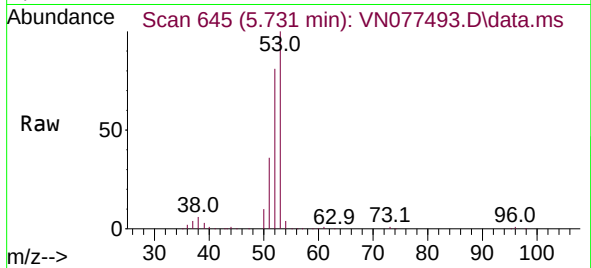
Tgt Ion: 41 Resp: 356367
Ion Ratio Lower Upper
41 100
39 82.7 58.8 88.2
76 56.1 39.1 58.7





#15
Acrylonitrile
Concen: 238.024 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

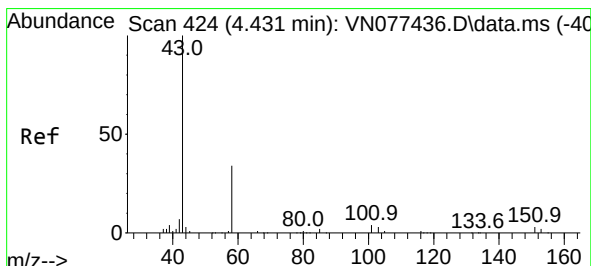
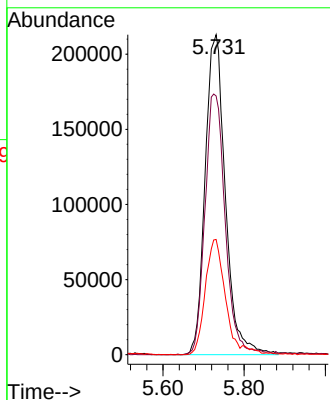
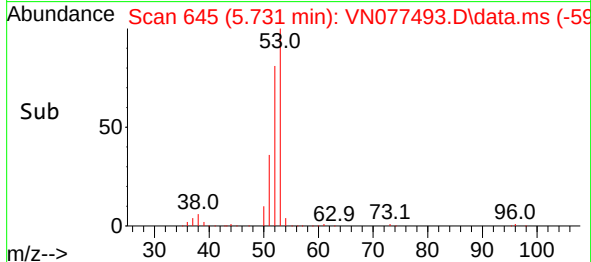
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



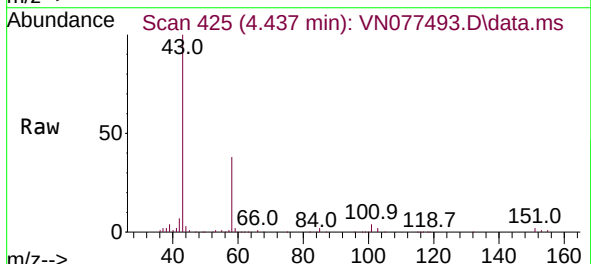
Tgt Ion: 53 Resp: 73602
Ion Ratio Lower Upper
53 100
52 81.7 65.3 97.9
51 36.1 28.9 43.3

Manual Integrations
APPROVED

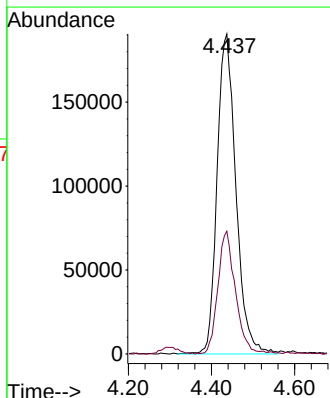
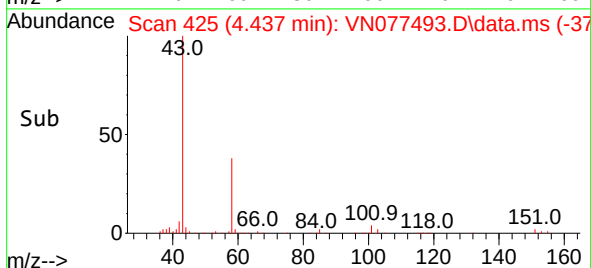
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

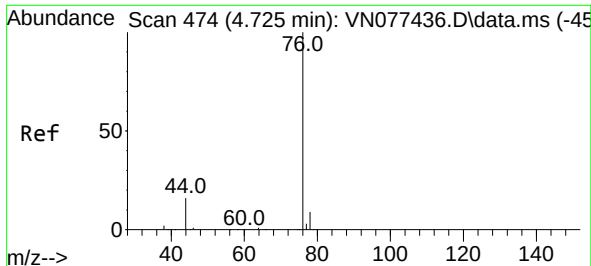


#16
Acetone
Concen: 221.701 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57



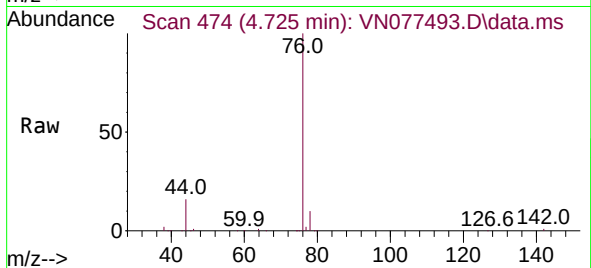
Tgt Ion: 43 Resp: 598875
Ion Ratio Lower Upper
43 100
58 38.0 28.0 42.0





#17
Carbon Disulfide
Concen: 41.783 ug/l
RT: 4.725 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

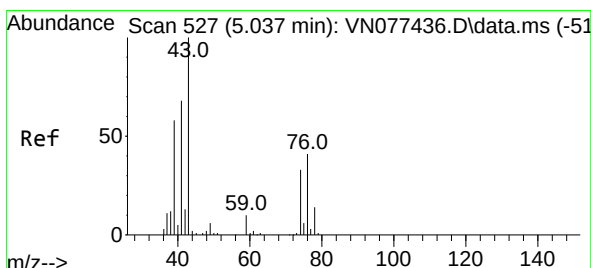
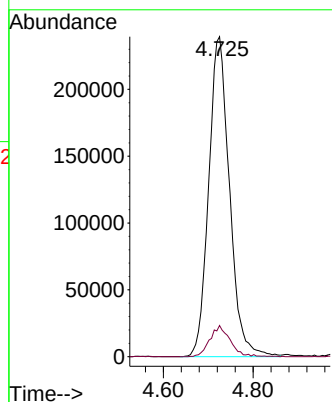
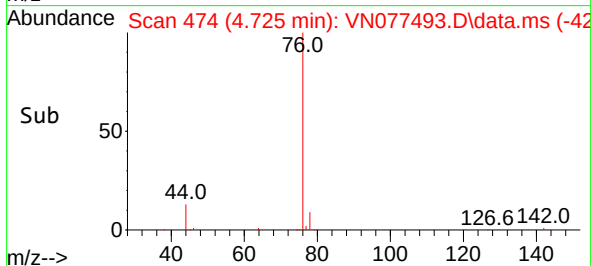
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 770972
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0

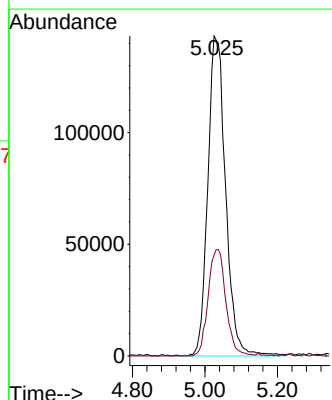
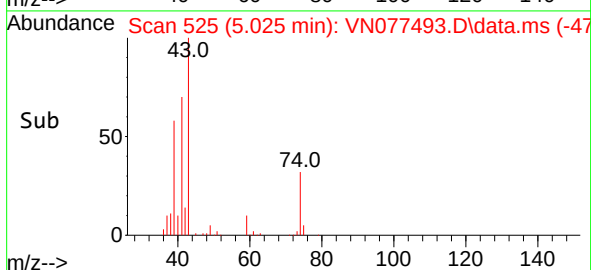
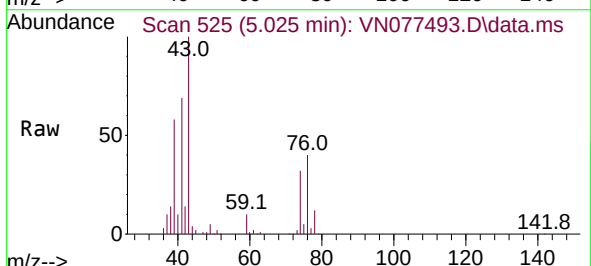
Manual Integrations
APPROVED

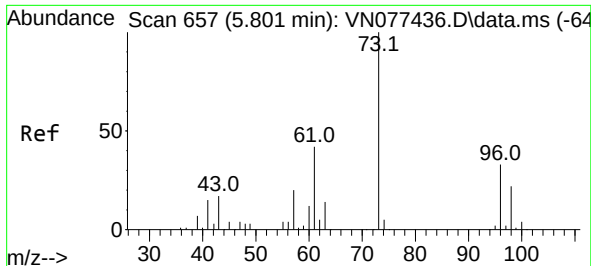
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#18
Methyl Acetate
Concen: 46.785 ug/l
RT: 5.025 min Scan# 525
Delta R.T. -0.012 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

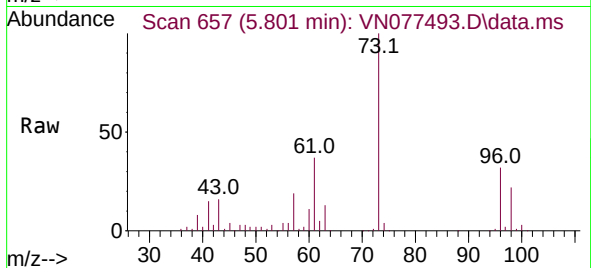
Tgt Ion: 43 Resp: 488037
Ion Ratio Lower Upper
43 100
74 33.2 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 49.277 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

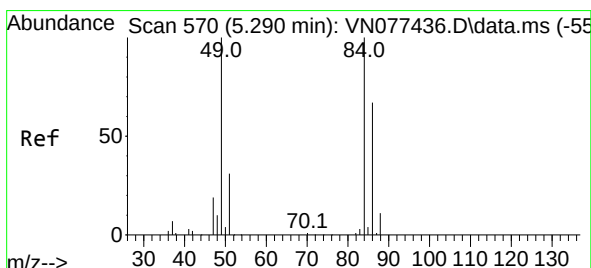
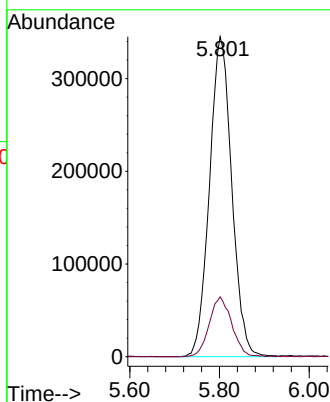
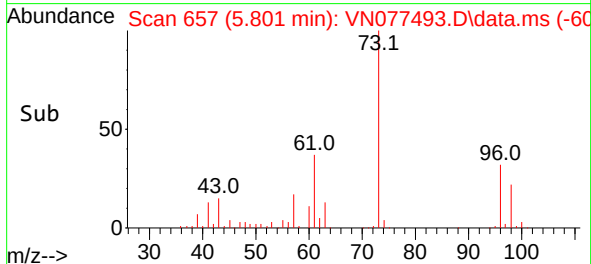
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



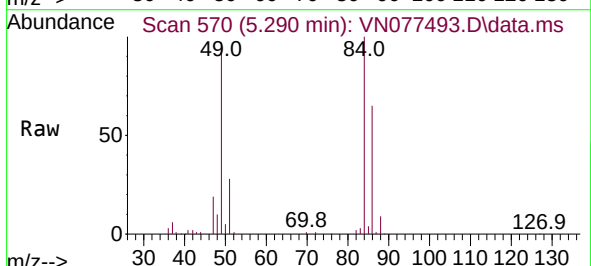
Tgt Ion: 73 Resp: 119000
Ion Ratio Lower Upper
73 100
57 18.7 15.6 23.4

Manual Integrations
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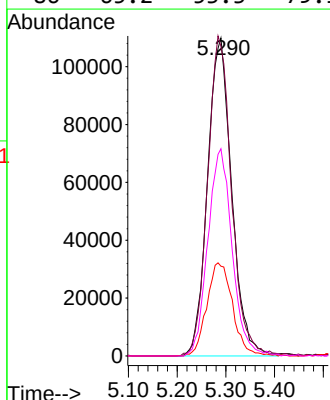
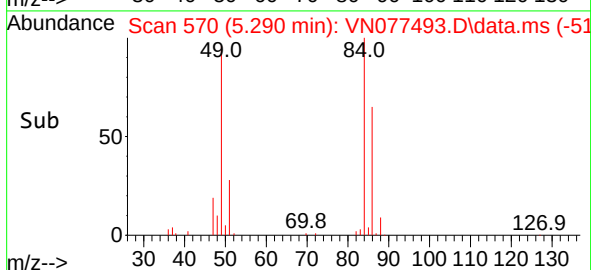
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

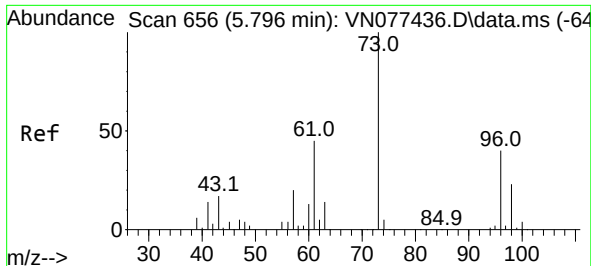


#20
Methylene Chloride
Concen: 44.261 ug/l
RT: 5.290 min Scan# 570
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57



Tgt Ion: 84 Resp: 379164
Ion Ratio Lower Upper
84 100
49 97.4 79.7 119.5
51 28.2 25.2 37.8
86 65.2 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 46.613 ug/l

RT: 5.790 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN077493.D

Acq: 27 Apr 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 366009

Ion Ratio Lower Upper

96 100

61 116.7 90.1 135.1

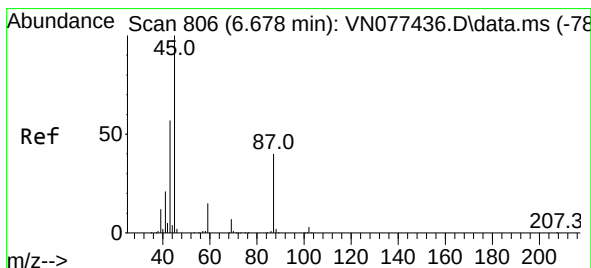
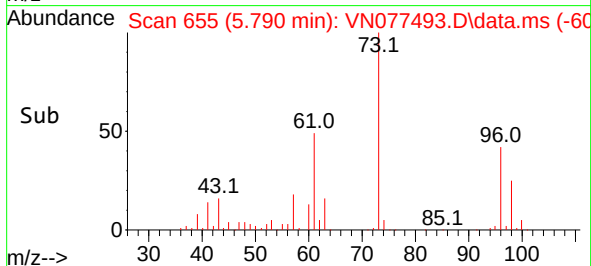
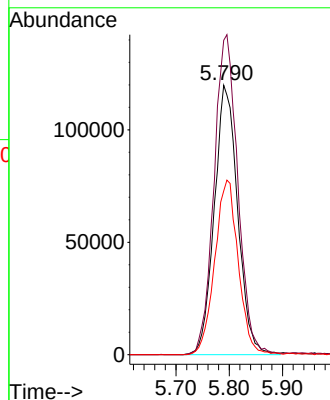
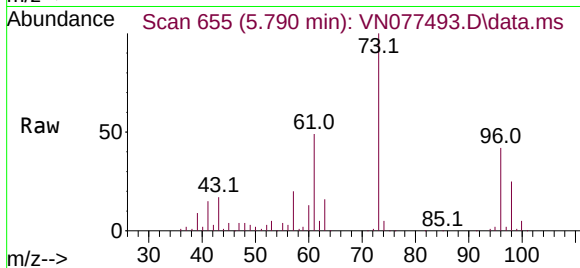
98 60.7 46.4 69.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#22

Diisopropyl ether

Concen: 48.196 ug/l

RT: 6.678 min Scan# 806

Delta R.T. 0.000 min

Lab File: VN077493.D

Acq: 27 Apr 2023 16:57

Tgt Ion: 45 Resp: 893025

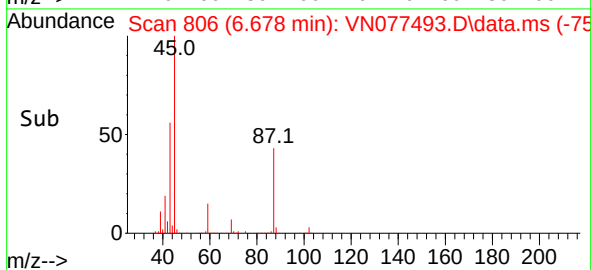
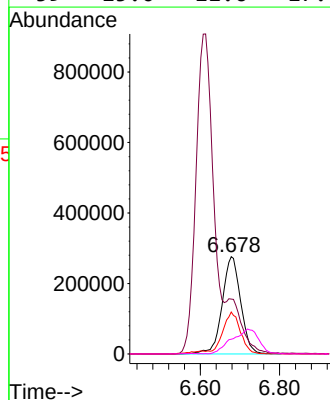
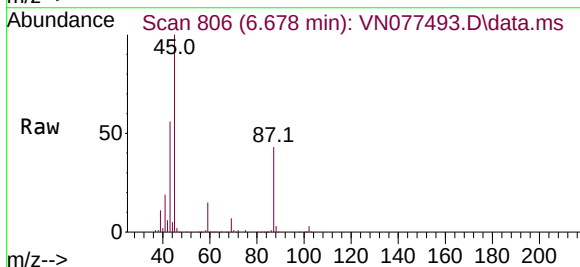
Ion Ratio Lower Upper

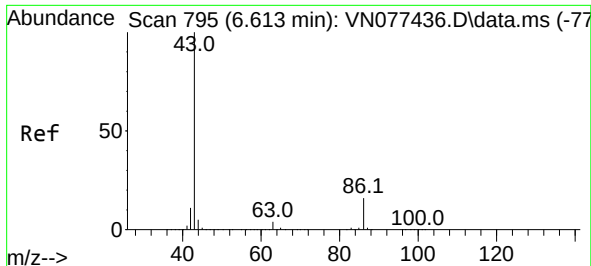
45 100

43 55.8 45.5 68.3

87 43.0 31.8 47.8

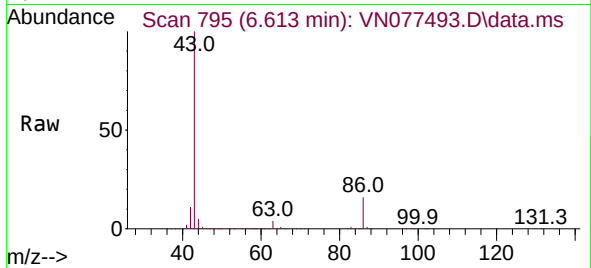
59 15.0 11.6 17.4





#23
 Vinyl Acetate
 Concen: 238.714 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077493.D
 Acq: 27 Apr 2023 16:57

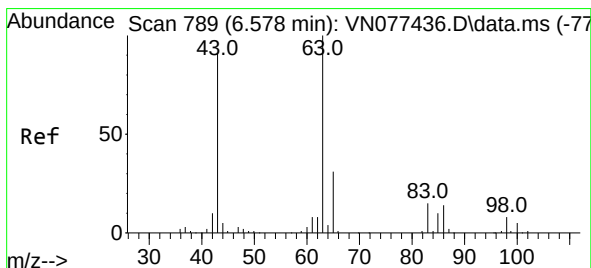
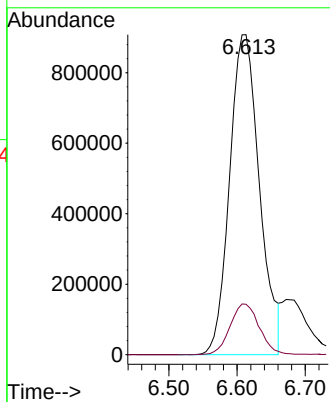
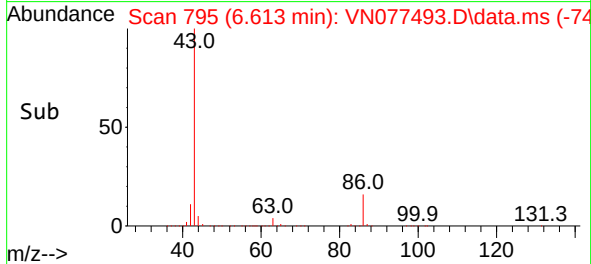
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



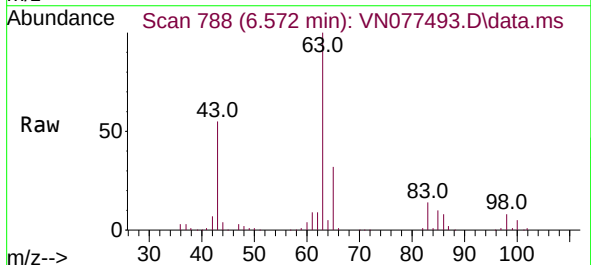
Tgt Ion: 43 Resp: 2762315
 Ion Ratio Lower Upper
 43 100
 86 15.7 13.0 19.6

Manual Integrations
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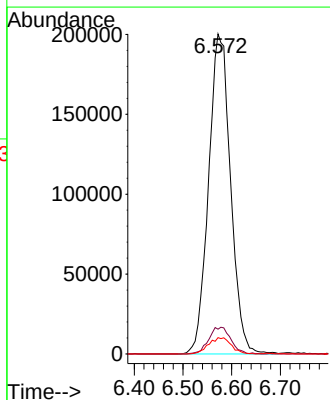
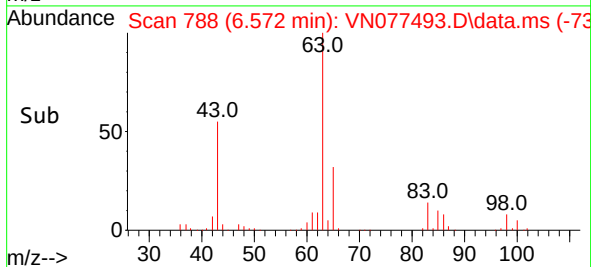
Reviewed By :John Carlone 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

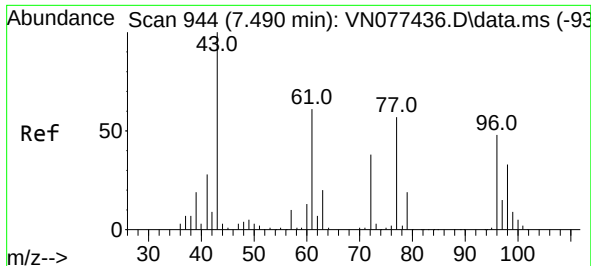


#24
 1,1-Dichloroethane
 Concen: 47.875 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN077493.D
 Acq: 27 Apr 2023 16:57



Tgt Ion: 63 Resp: 627918
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 5.1 2.5 7.4





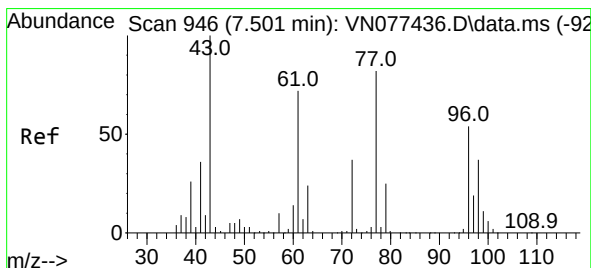
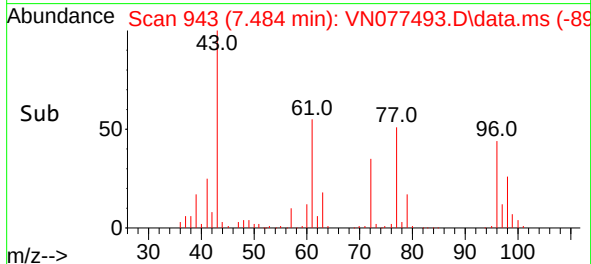
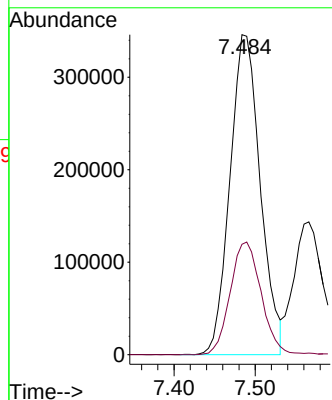
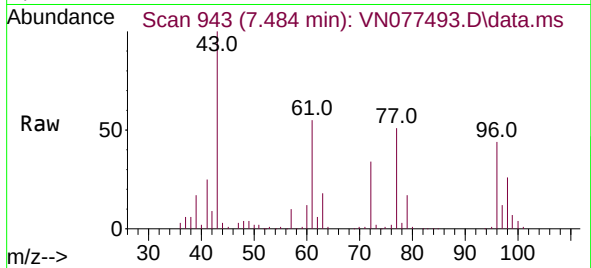
#25
2-Butanone
Concen: 234.697 ug/l
RT: 7.484 min Scan# 943
Delta R.T. -0.006 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 899199
Ion Ratio Lower Upper
43 100
72 34.5 30.2 45.2

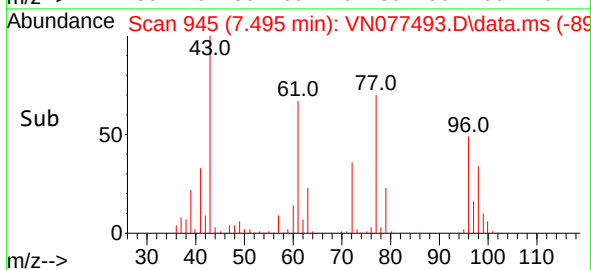
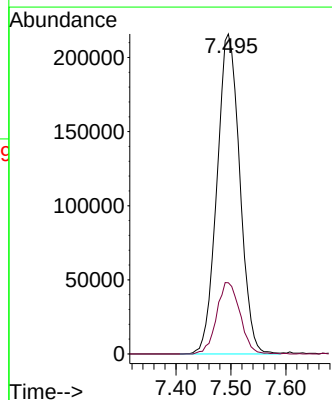
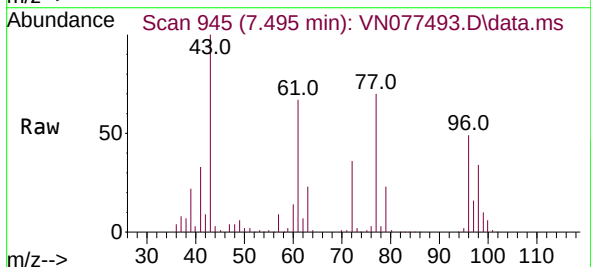
Manual Integrations
APPROVED

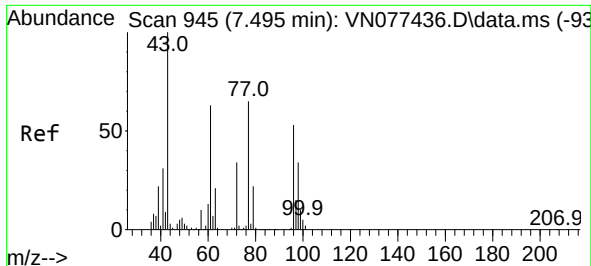
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#26
2,2-Dichloropropane
Concen: 48.914 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

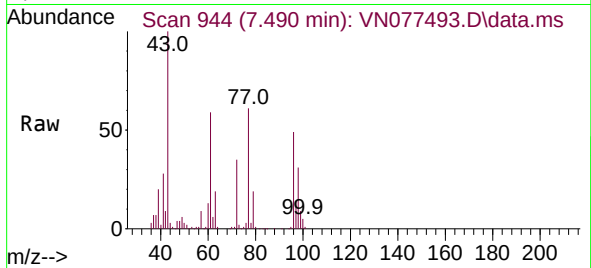
Tgt Ion: 77 Resp: 622063
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 47.384 ug/l
 RT: 7.490 min Scan# 945
 Delta R.T. -0.006 min
 Lab File: VN077493.D
 Acq: 27 Apr 2023 16:57

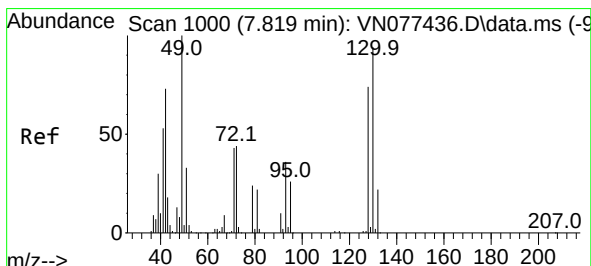
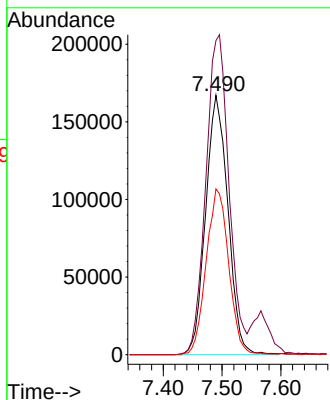
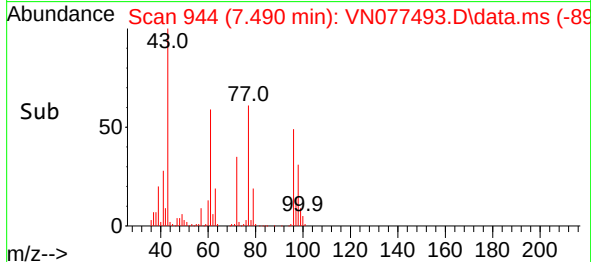
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 440640
 Ion Ratio Lower Upper
 96 100
 61 127.6 0.0 255.2
 98 64.4 0.0 128.8

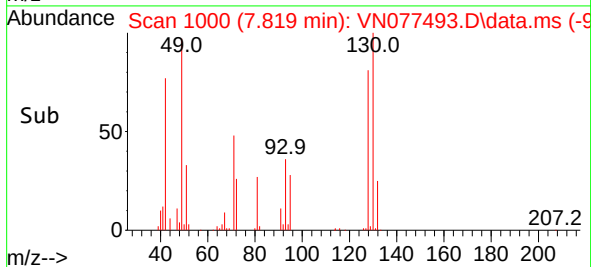
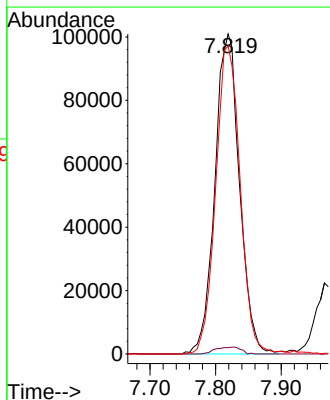
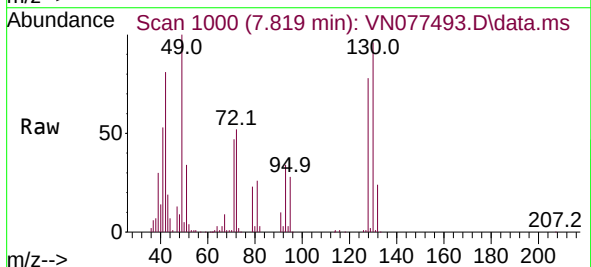
Manual Integrations
 APPROVED

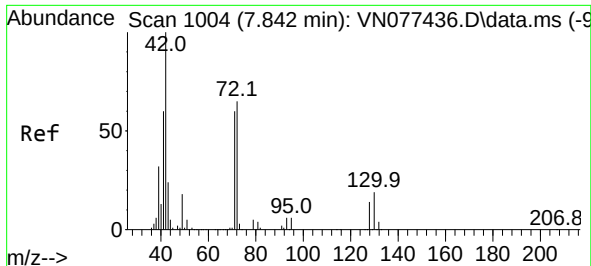
Reviewed By :John Carlone 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#28
 Bromochloromethane
 Concen: 52.512 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. 0.000 min
 Lab File: VN077493.D
 Acq: 27 Apr 2023 16:57

Tgt Ion: 49 Resp: 263011
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 95.9 75.3 112.9





#29

Tetrahydrofuran

Concen: 230.811 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077493.D

Acq: 27 Apr 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 55406

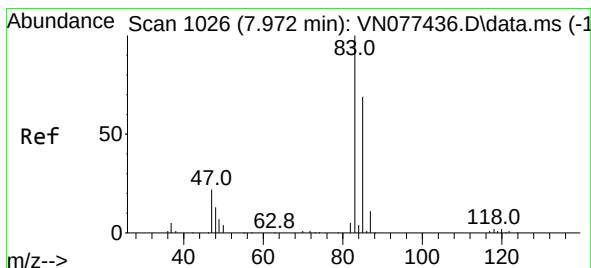
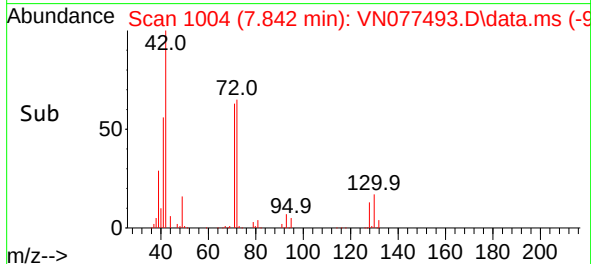
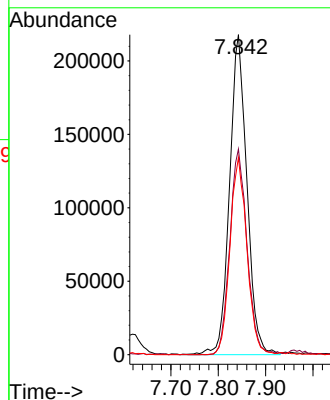
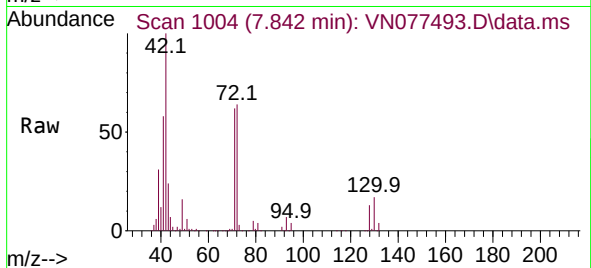
Ion	Ratio	Lower	Upper
42	100		
72	64.1	49.8	74.6
71	60.2	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#30

Chloroform

Concen: 49.806 ug/l

RT: 7.966 min Scan# 1025

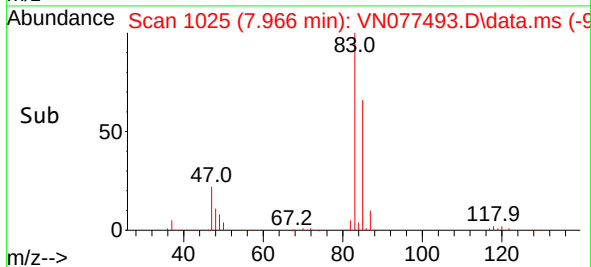
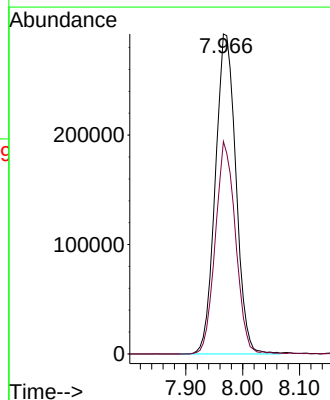
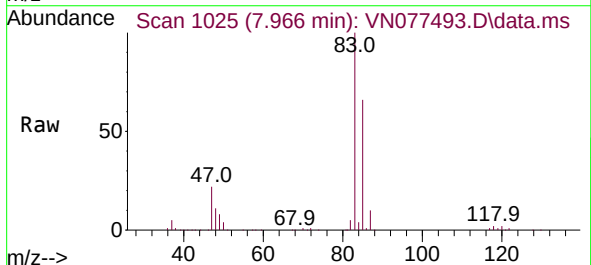
Delta R.T. -0.006 min

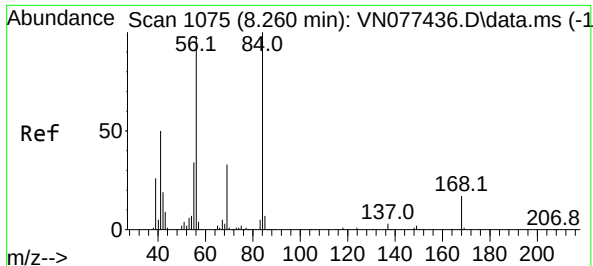
Lab File: VN077493.D

Acq: 27 Apr 2023 16:57

Tgt Ion: 83 Resp: 736189

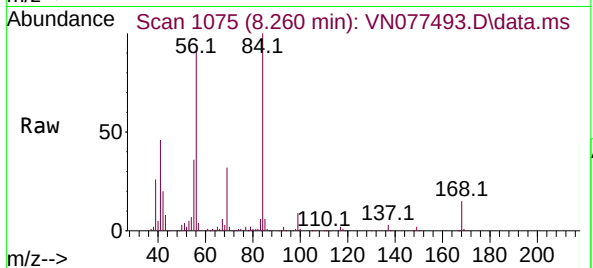
Ion	Ratio	Lower	Upper
83	100		
85	66.4	55.4	83.0





#31
Cyclohexane
Concen: 43.436 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

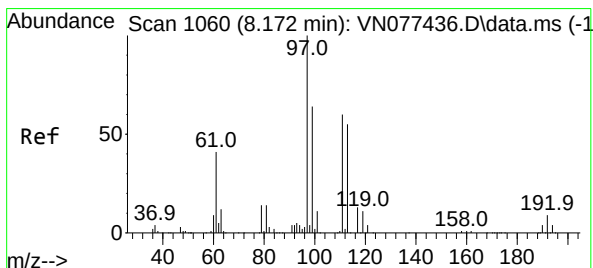
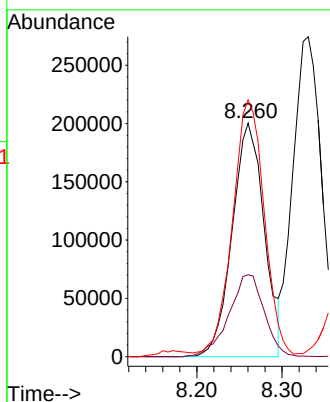
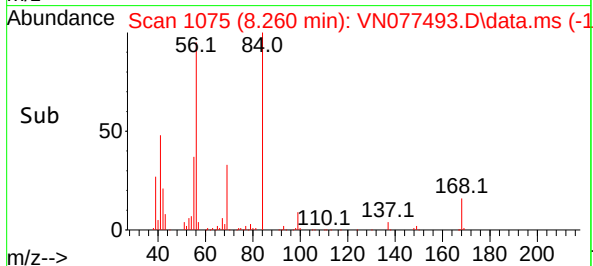
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 522458
Ion Ratio Lower Upper
56 100
69 35.1 26.8 40.2
84 107.7 81.8 122.6

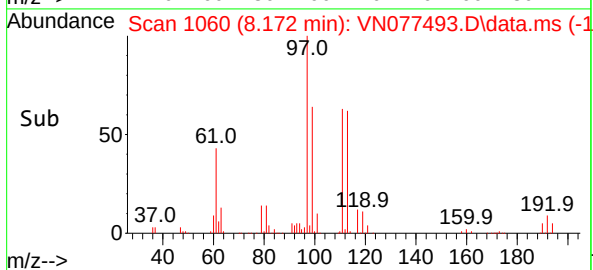
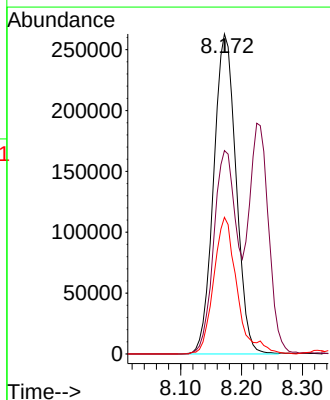
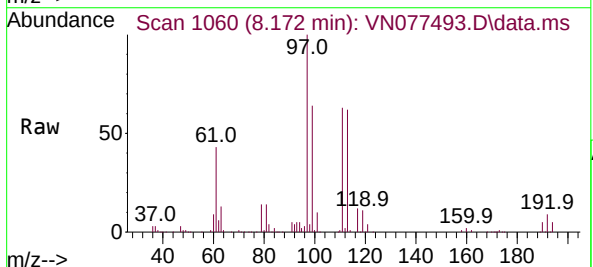
Manual Integrations
APPROVED

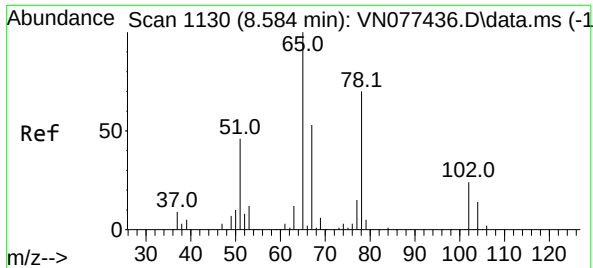
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#32
1,1,1-Trichloroethane
Concen: 49.497 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

Tgt Ion: 97 Resp: 672638
Ion Ratio Lower Upper
97 100
99 65.2 50.3 75.5
61 44.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 54.865 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077493.D

Acq: 27 Apr 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 46585

Ion Ratio Lower Upper

65 100

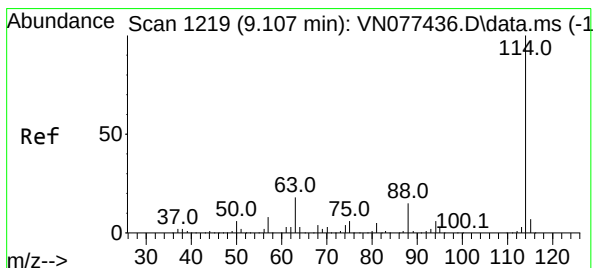
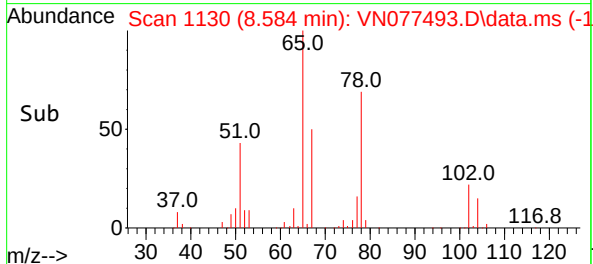
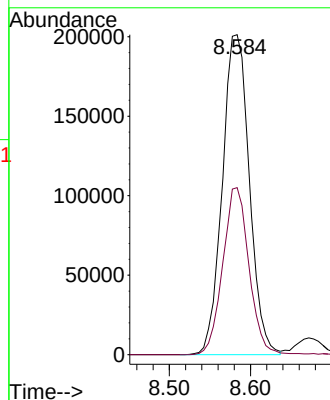
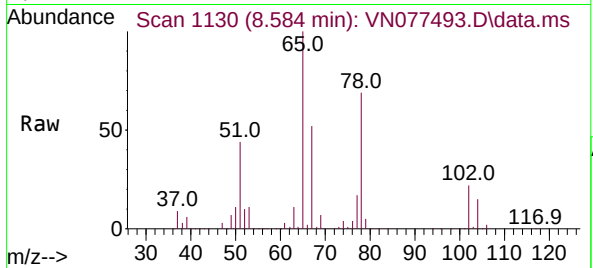
67 50.7 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077493.D

Acq: 27 Apr 2023 16:57

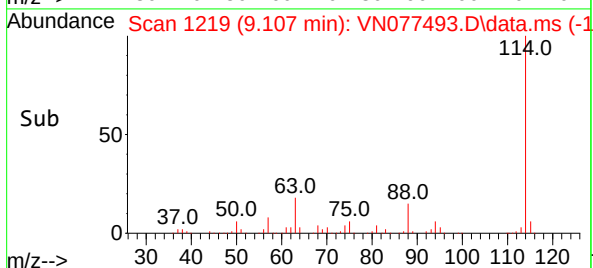
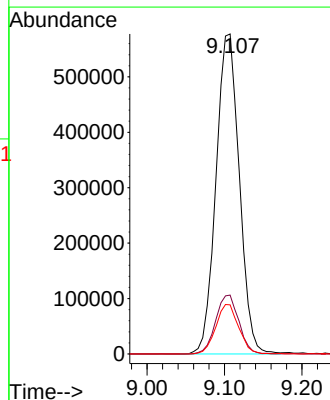
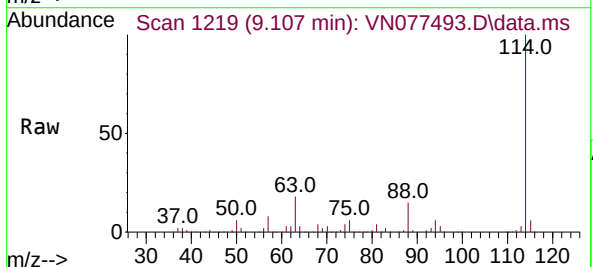
Tgt Ion:114 Resp: 1206959

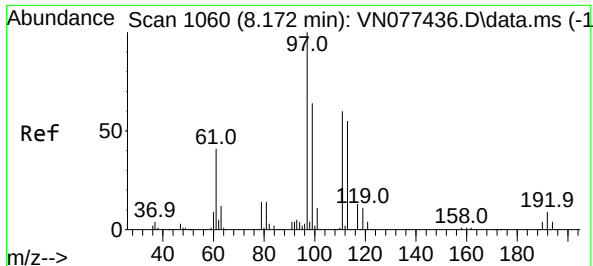
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.962 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077493.D

Acq: 27 Apr 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 39871

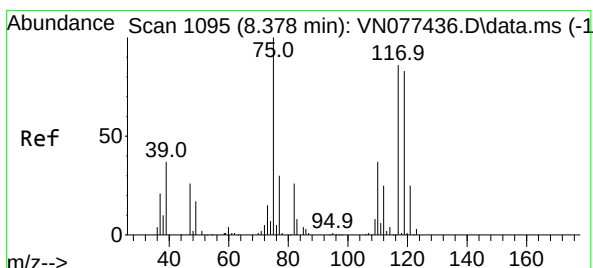
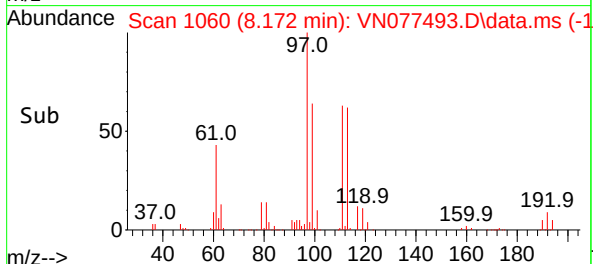
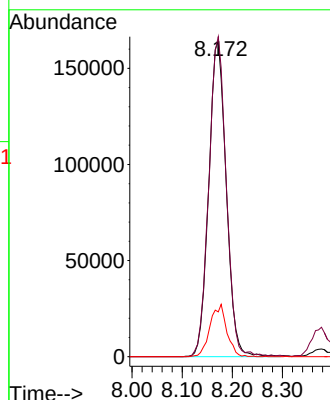
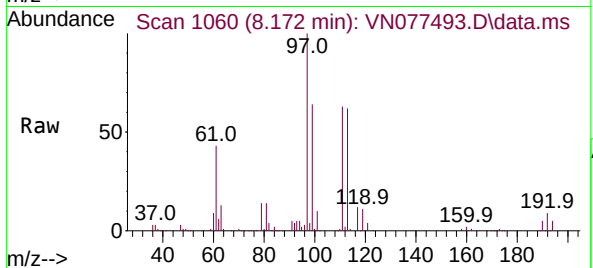
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.6	123.8
192	15.8	12.7	19.1

Manual Integrations

APPROVED

Reviewed By : John Carlone 04/28/2023

Supervised By : Mahesh Dadoda 04/28/2023



#36

1,1-Dichloropropene

Concen: 49.447 ug/l

RT: 8.372 min Scan# 1094

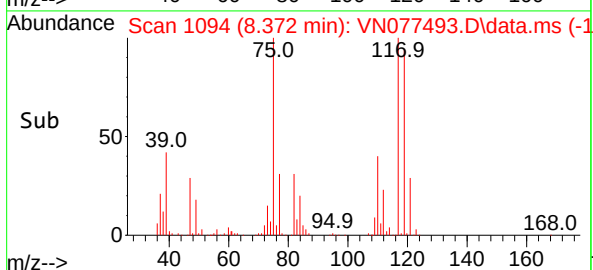
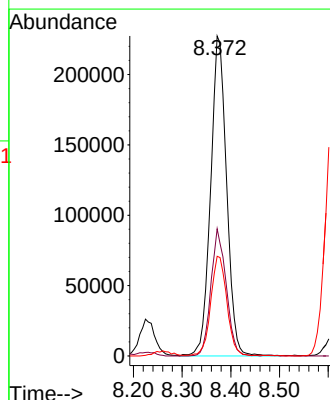
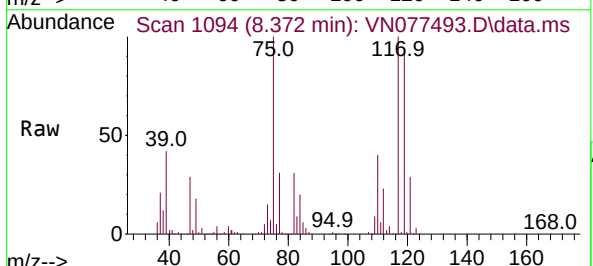
Delta R.T. -0.006 min

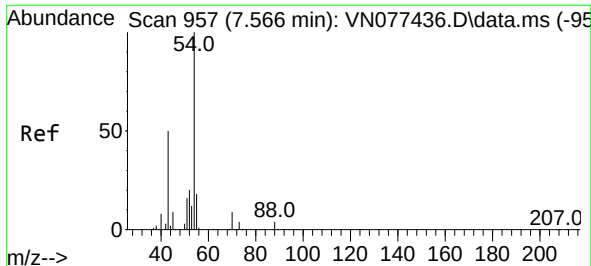
Lab File: VN077493.D

Acq: 27 Apr 2023 16:57

Tgt Ion: 75 Resp: 518232

Ion	Ratio	Lower	Upper
75	100		
110	37.9	19.1	57.3
77	31.1	25.0	37.4





#37

Ethyl Acetate

Concen: 46.730 ug/l

RT: 7.566 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN077493.D

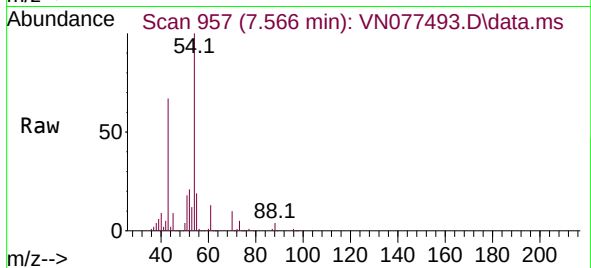
Acq: 27 Apr 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



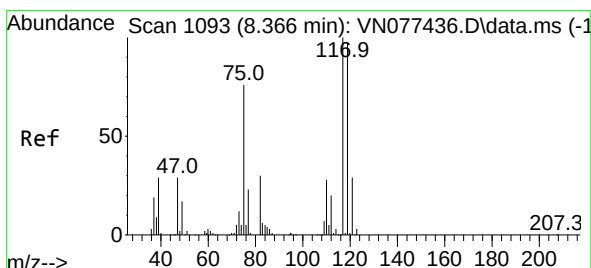
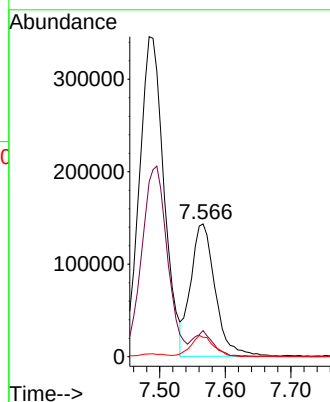
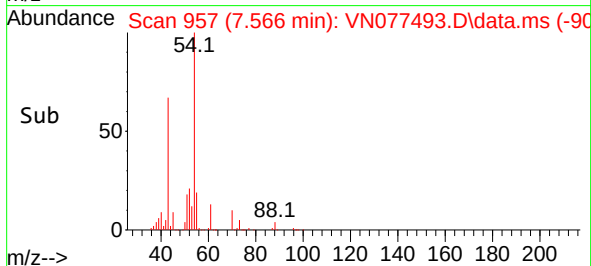
Tgt Ion:	43	Resp:	37215
Ion	Ratio	Lower	Upper
43	100		
61	15.5	13.2	19.8
70	14.8	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#38

Carbon Tetrachloride

Concen: 50.555 ug/l

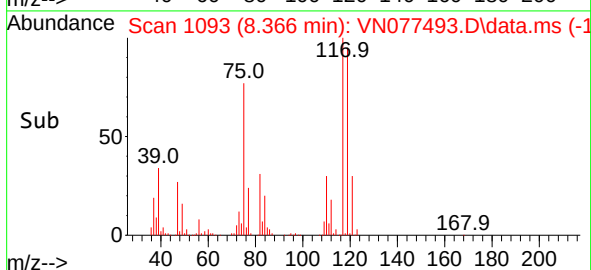
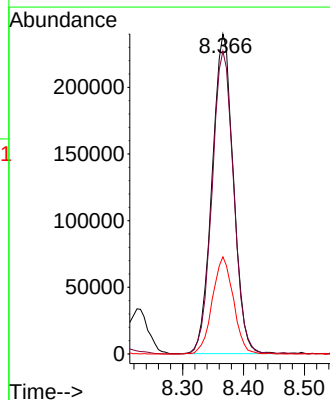
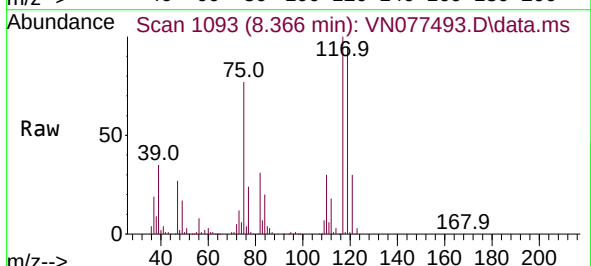
RT: 8.366 min Scan# 1093

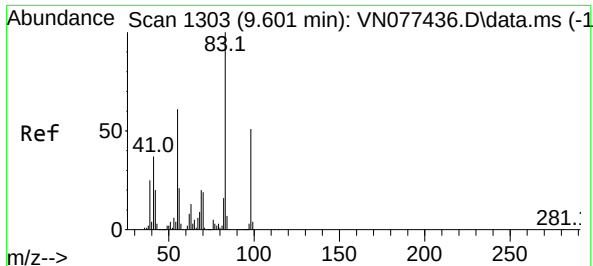
Delta R.T. 0.000 min

Lab File: VN077493.D

Acq: 27 Apr 2023 16:57

Tgt Ion:	117	Resp:	584582
Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.3	115.9
121	30.4	23.3	34.9





#39

Methylcyclohexane

Concen: 49.904 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. 0.000 min

Lab File: VN077493.D

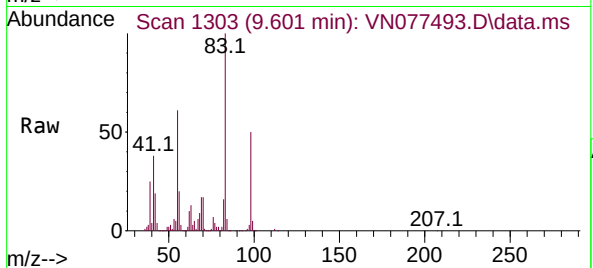
Acq: 27 Apr 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



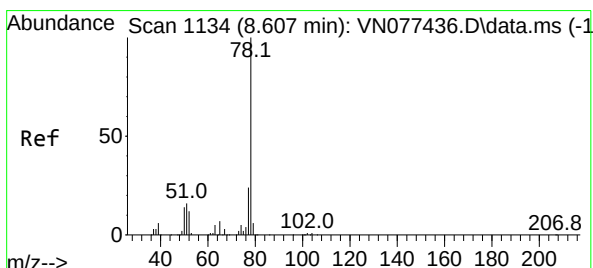
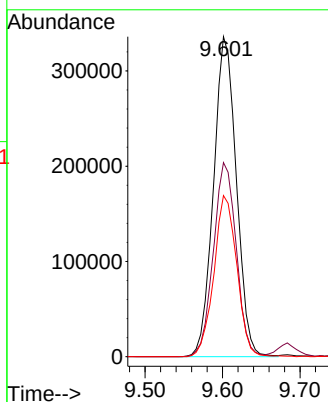
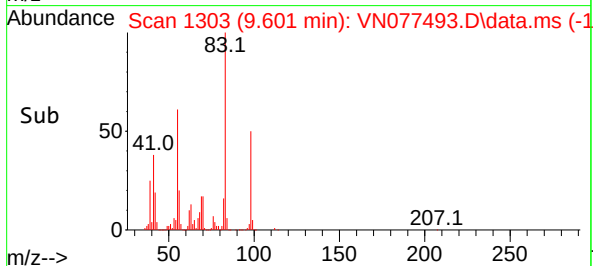
Tgt Ion:	83	Resp:	689089
Ion Ratio	Lower	Upper	
83	100		
55	60.6	49.1	73.7
98	50.3	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#40

Benzene

Concen: 48.869 ug/l

RT: 8.607 min Scan# 1134

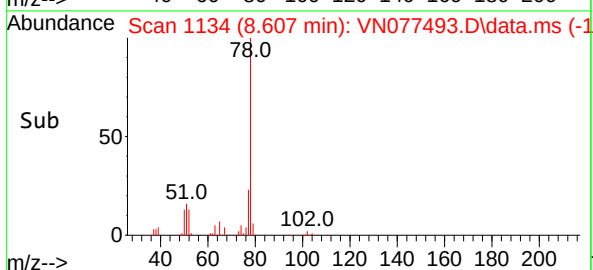
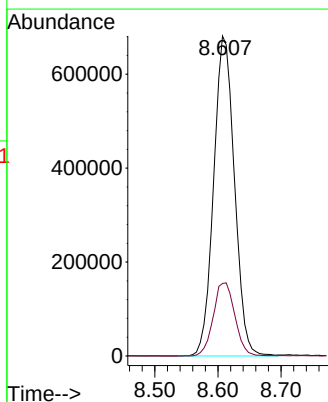
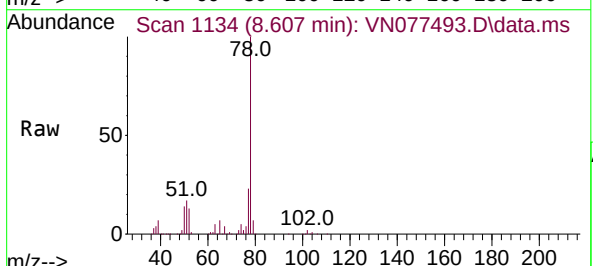
Delta R.T. 0.000 min

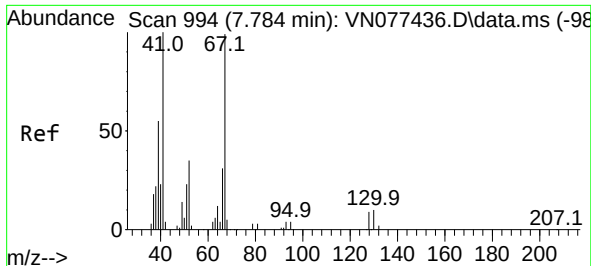
Lab File: VN077493.D

Acq: 27 Apr 2023 16:57

Tgt Ion: 78 Resp: 1560259

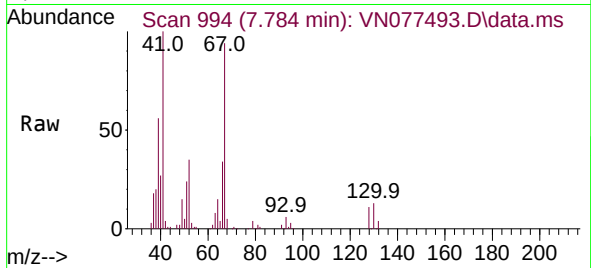
Ion Ratio	Lower	Upper
78	100	
77	22.7	19.0 28.6





#41
Methacrylonitrile
Concen: 50.024 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

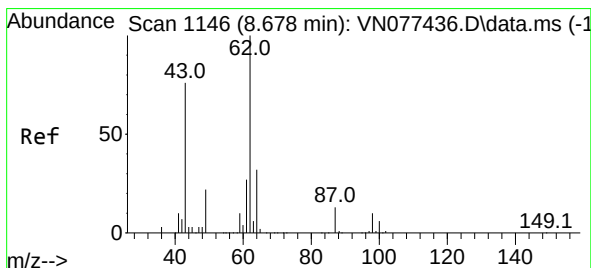
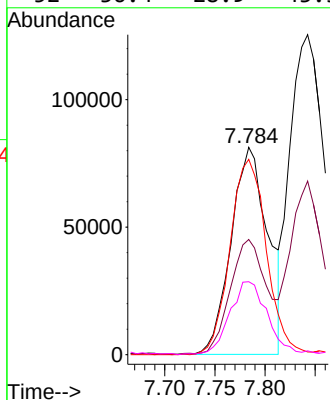
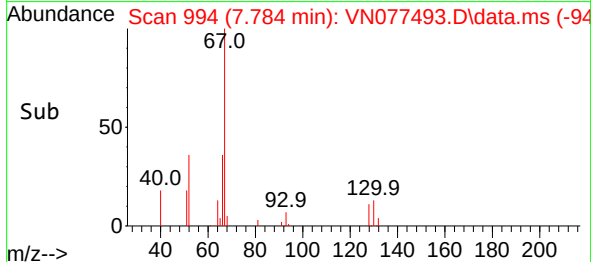
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



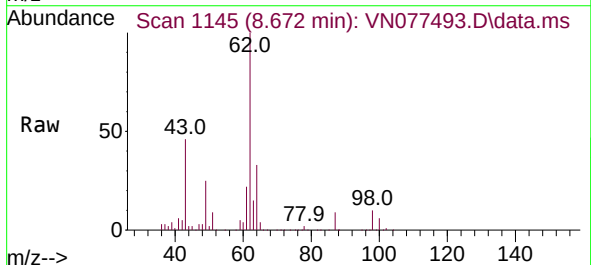
Tgt Ion: 41 Resp: 207490
Ion Ratio Lower Upper
41 100
39 56.5 42.6 64.0
67 93.5 77.5 116.3
52 36.4 28.9 43.3

Manual Integrations
APPROVED

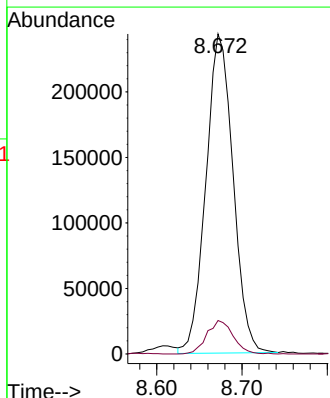
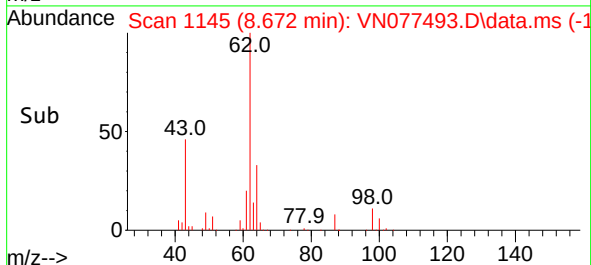
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

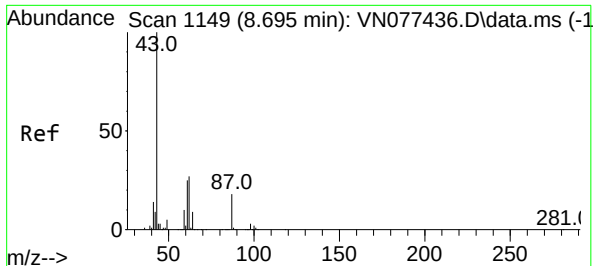


#42
1,2-Dichloroethane
Concen: 49.156 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57



Tgt Ion: 62 Resp: 539044
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.8





#43

Isopropyl Acetate

Concen: 47.934 ug/l

RT: 8.689 min Scan# 1149

Delta R.T. -0.006 min

Lab File: VN077493.D

Acq: 27 Apr 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 66041

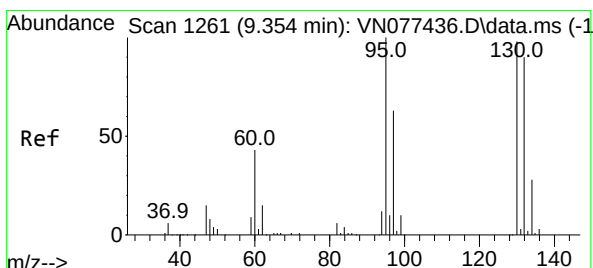
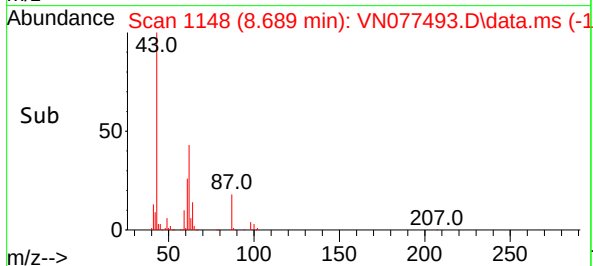
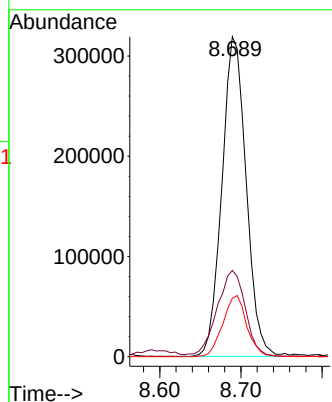
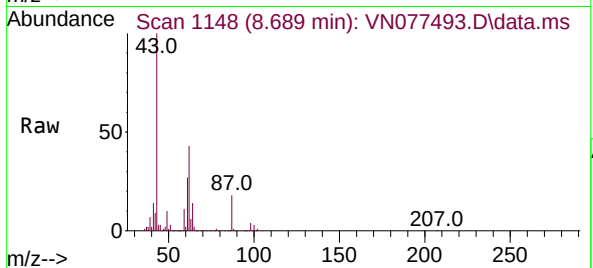
Ion	Ratio	Lower	Upper
43	100		
61	31.9	24.7	37.1
87	19.0	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#44

Trichloroethene

Concen: 50.021 ug/l

RT: 9.354 min Scan# 1261

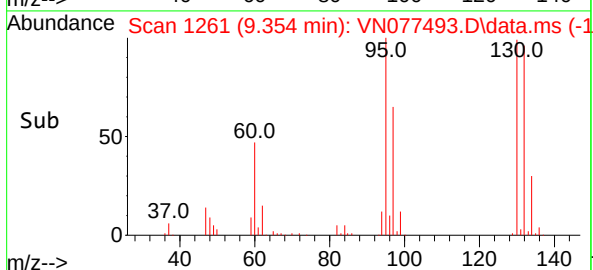
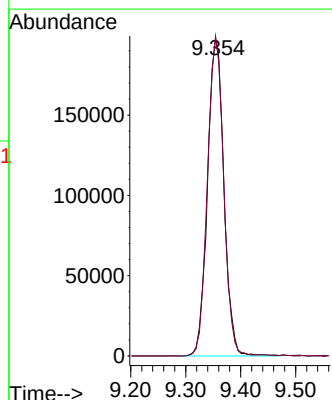
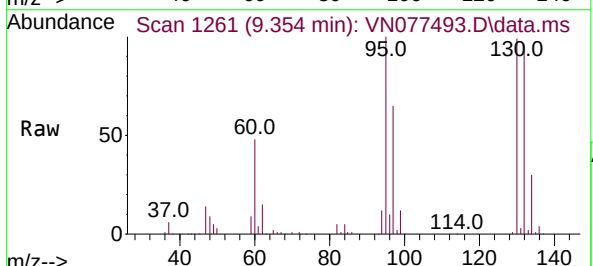
Delta R.T. 0.000 min

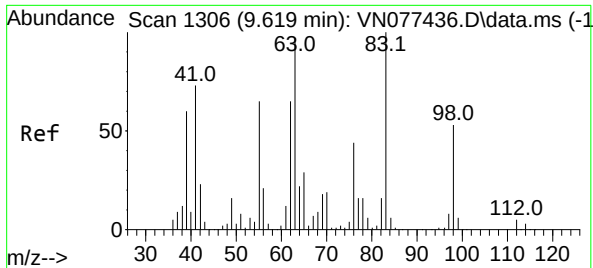
Lab File: VN077493.D

Acq: 27 Apr 2023 16:57

Tgt Ion:130 Resp: 408906

Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	204.6





#45

1,2-Dichloropropane

Concen: 49.493 ug/l

RT: 9.619 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VN077493.D

Acq: 27 Apr 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 37015

Ion Ratio Lower Upper

63 100

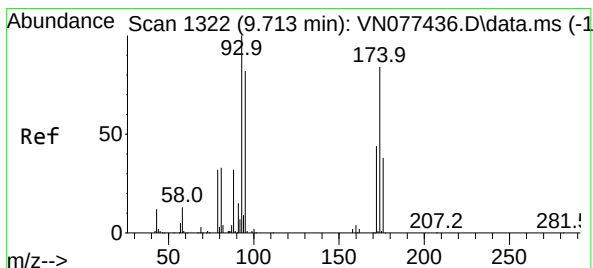
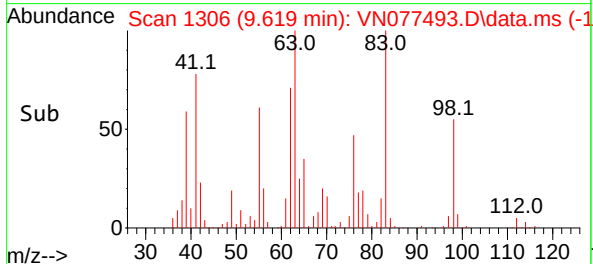
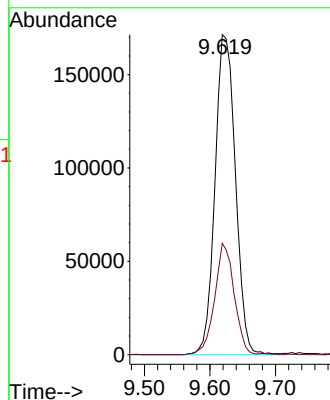
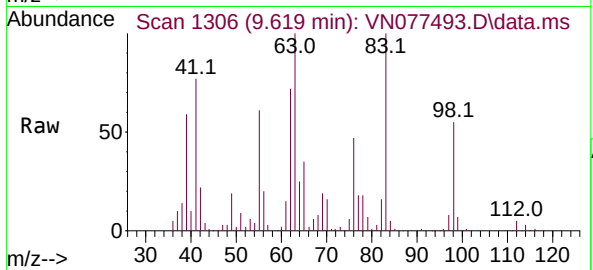
65 34.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#46

Dibromomethane

Concen: 48.056 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077493.D

Acq: 27 Apr 2023 16:57

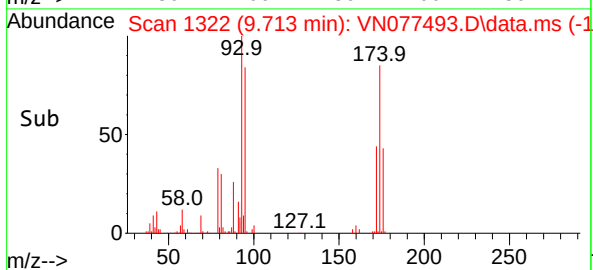
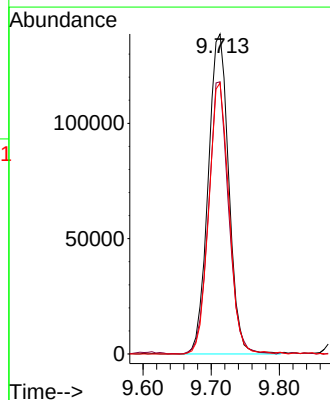
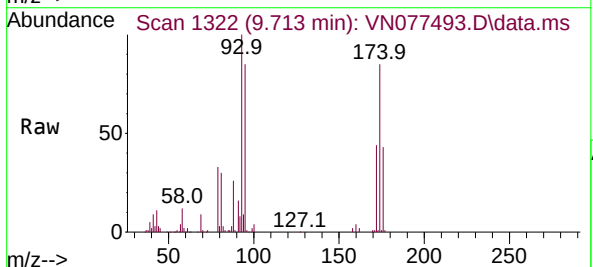
Tgt Ion: 93 Resp: 291627

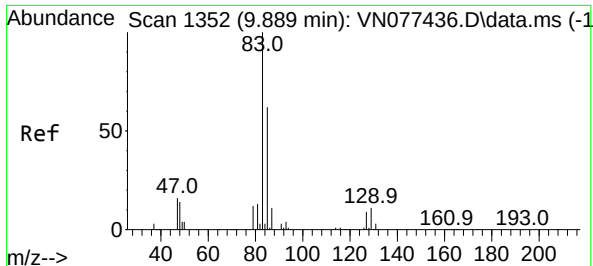
Ion Ratio Lower Upper

93 100

95 82.9 63.8 95.8

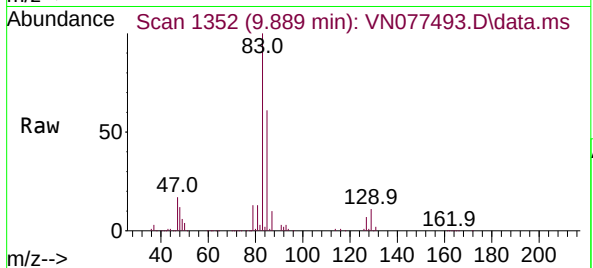
174 83.0 65.6 98.4





#47
Bromodichloromethane
Concen: 49.767 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

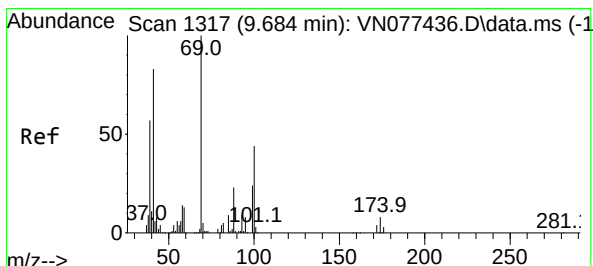
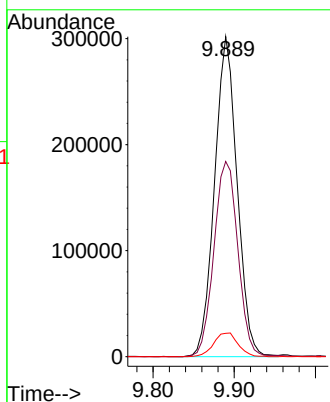
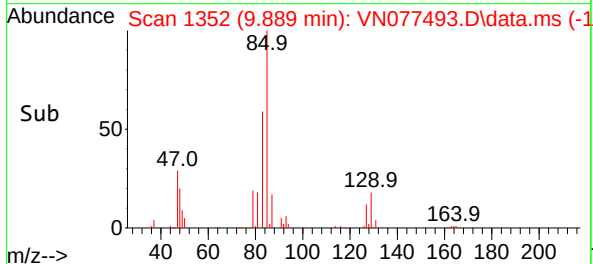
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



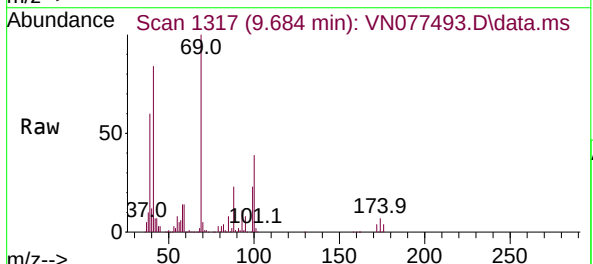
Tgt Ion: 83 Resp: 584180
Ion Ratio Lower Upper
83 100
85 61.0 49.6 74.4
127 7.3 7.0 10.6

Manual Integrations
APPROVED

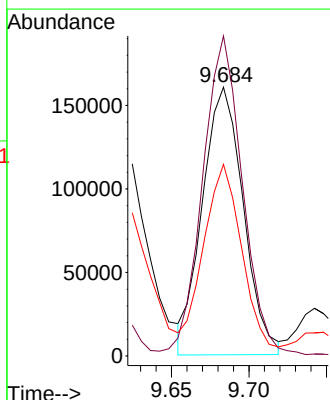
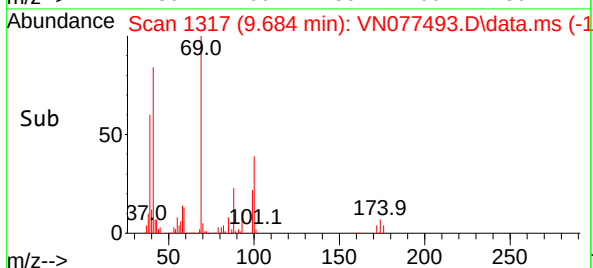
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

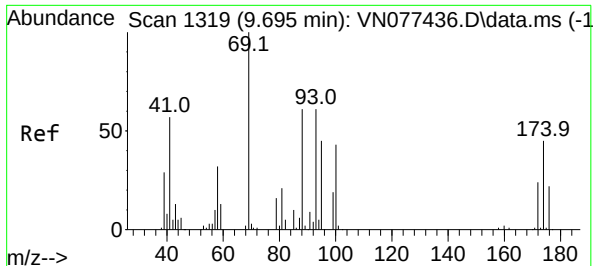


#48
Methyl methacrylate
Concen: 47.006 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57



Tgt Ion: 41 Resp: 294796
Ion Ratio Lower Upper
41 100
69 116.2 90.4 135.6
39 68.1 54.6 81.8





#49

1,4-Dioxane

Concen: 961.237 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077493.D

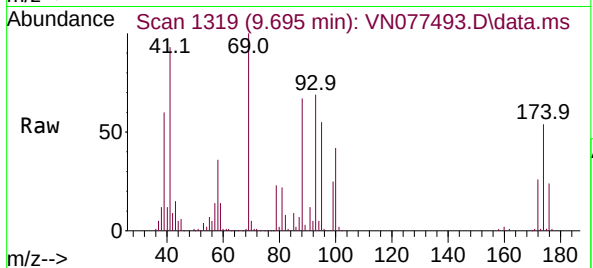
Acq: 27 Apr 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



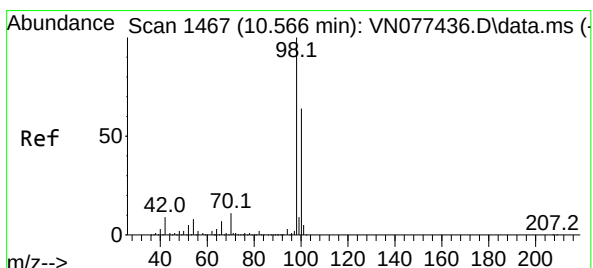
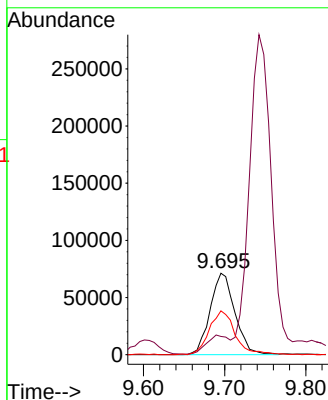
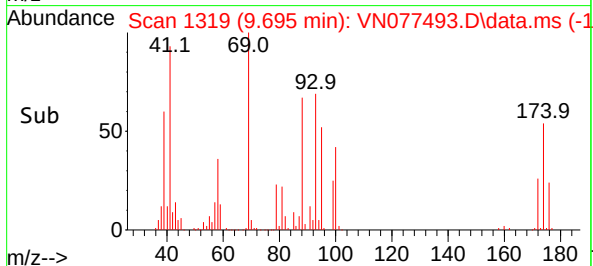
Tgt Ion:	88	Resp:	15121
Ion Ratio	Lower	Upper	
88	100		
43	21.3	17.0	25.6
58	56.4	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#50

Toluene-d8

Concen: 56.029 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. 0.000 min

Lab File: VN077493.D

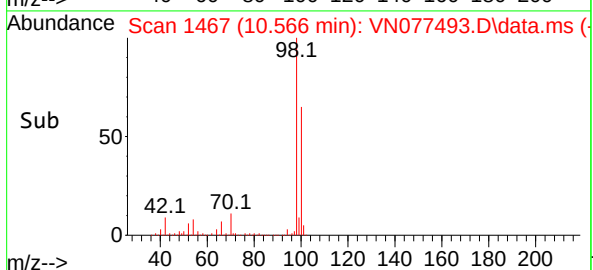
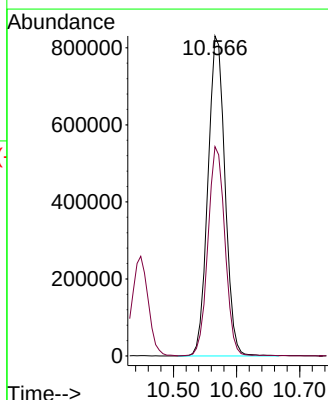
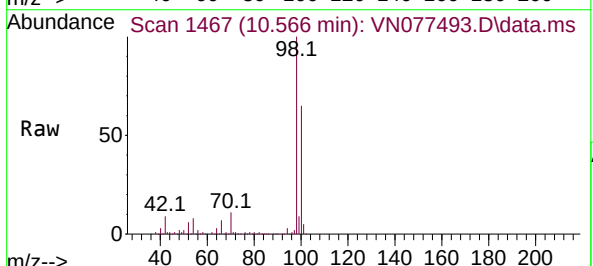
Acq: 27 Apr 2023 16:57

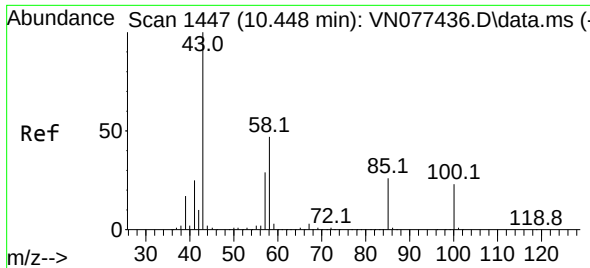
Tgt Ion: 98 Resp: 1557777

Ion Ratio Lower Upper

98 100

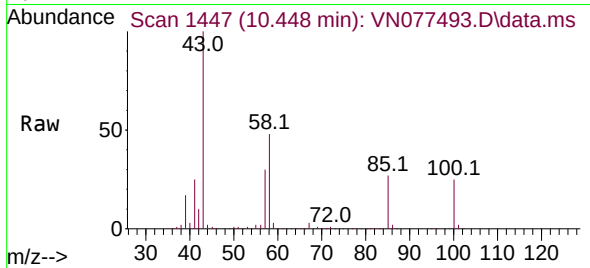
100 65.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 238.519 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

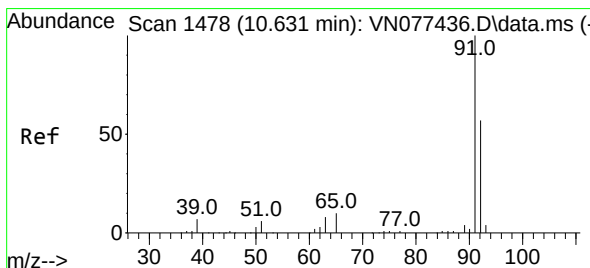
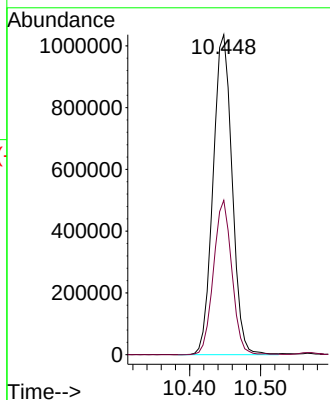
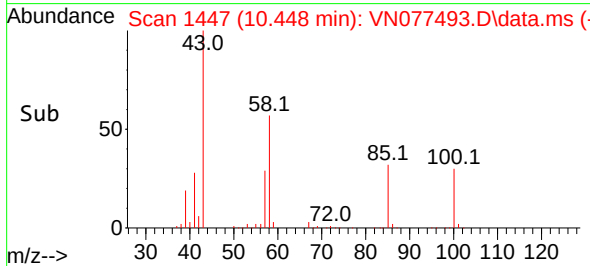
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



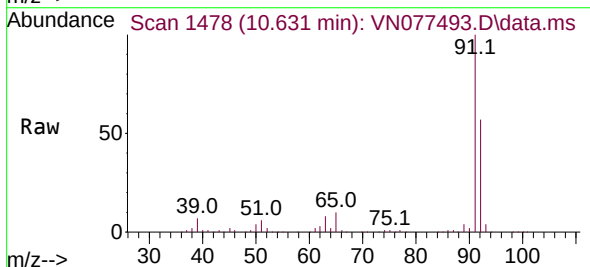
Tgt Ion: 43 Resp: 192751
Ion Ratio Lower Upper
43 100
58 46.5 36.6 54.8

Manual Integrations
APPROVED

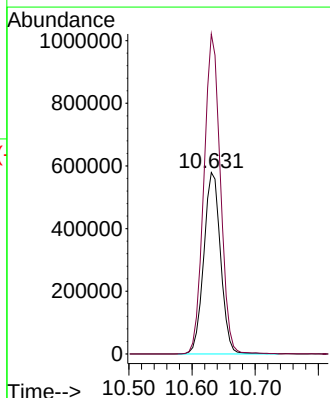
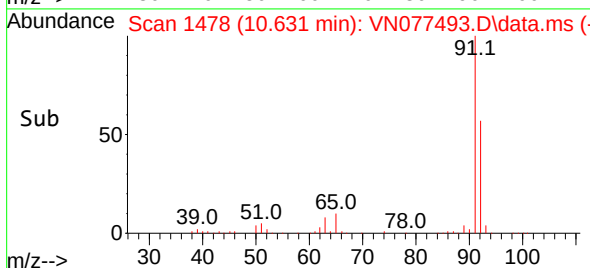
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

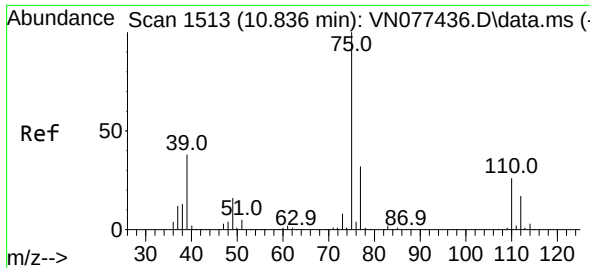


#52
Toluene
Concen: 51.171 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57



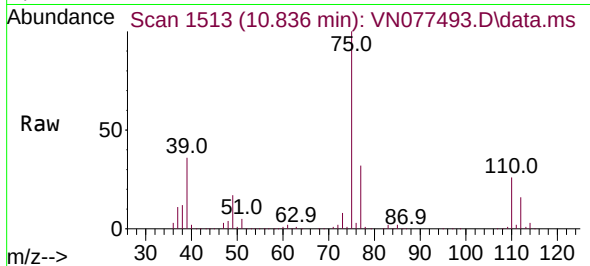
Tgt Ion: 92 Resp: 1070284
Ion Ratio Lower Upper
92 100
91 173.5 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 53.220 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

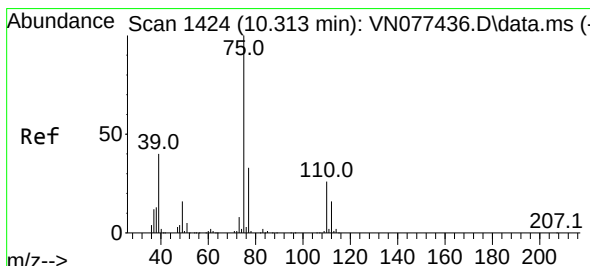
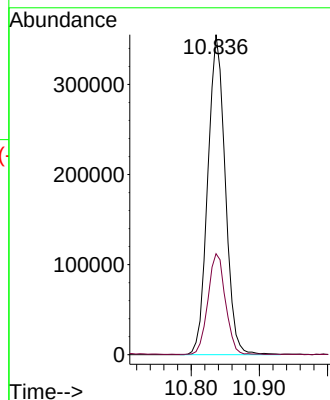
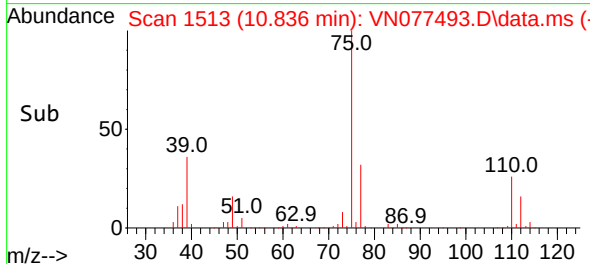
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



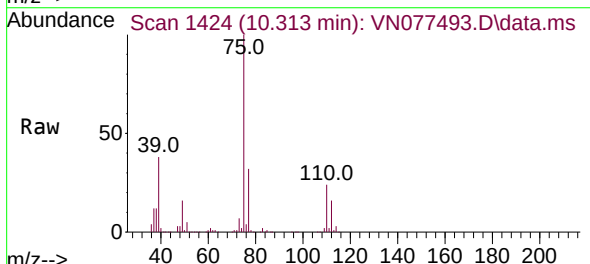
Tgt Ion: 75 Resp: 63258
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0

Manual Integrations
APPROVED

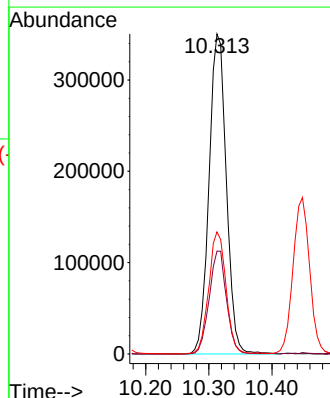
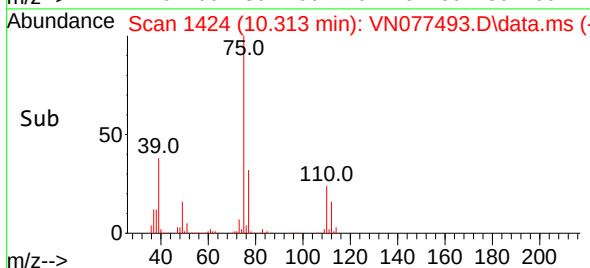
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

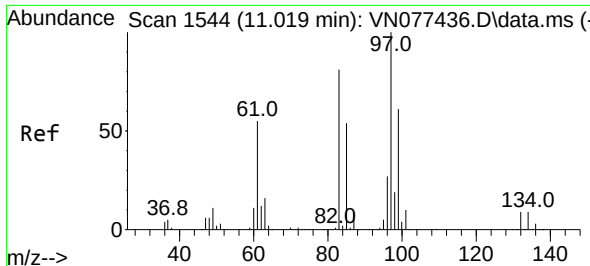


#54
cis-1,3-Dichloropropene
Concen: 51.565 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57



Tgt Ion: 75 Resp: 667145
Ion Ratio Lower Upper
75 100
77 32.1 26.1 39.1
39 38.1 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 49.540 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

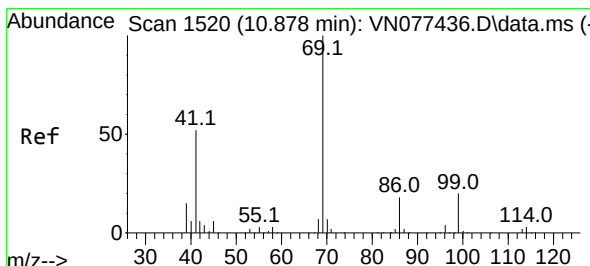
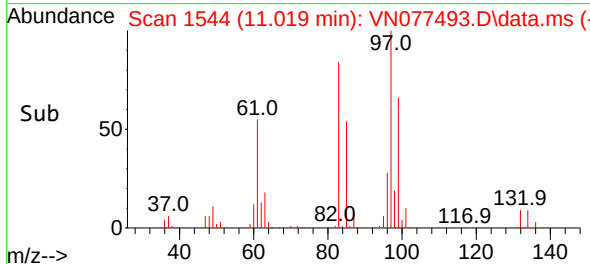
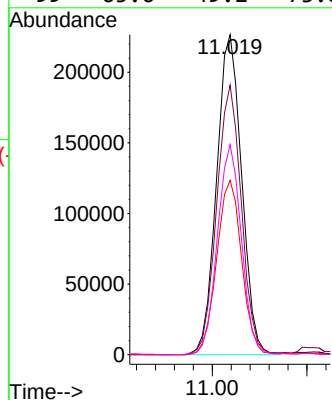
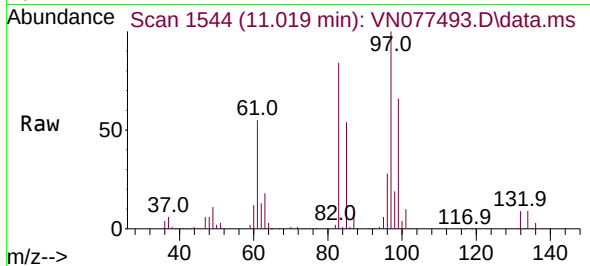
VSTDCCC050EC

Tgt Ion: 97 Resp: 416669
Ion Ratio Lower Upper
97 100
83 84.2 65.1 97.7
85 54.5 43.4 65.2
99 65.6 49.2 73.8

Manual Integrations

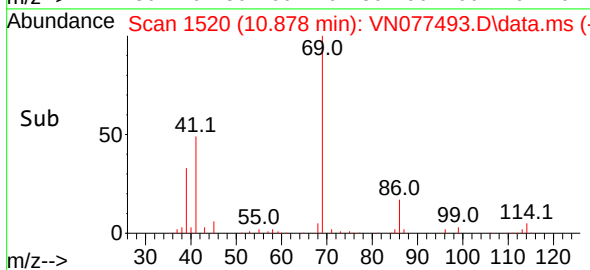
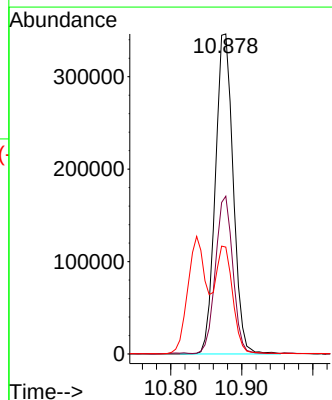
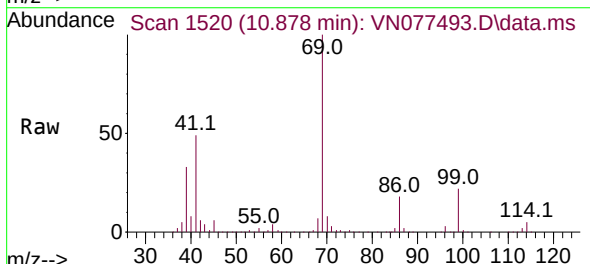
APPROVED

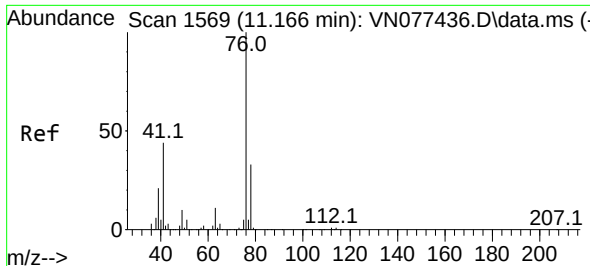
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#56
Ethyl methacrylate
Concen: 51.072 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

Tgt Ion: 69 Resp: 601906
Ion Ratio Lower Upper
69 100
41 48.0 39.6 59.4
39 33.2 28.6 43.0





#57

1,3-Dichloropropane

Concen: 50.839 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VN077493.D

Acq: 27 Apr 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 681102

Ion Ratio Lower Upper

76 100

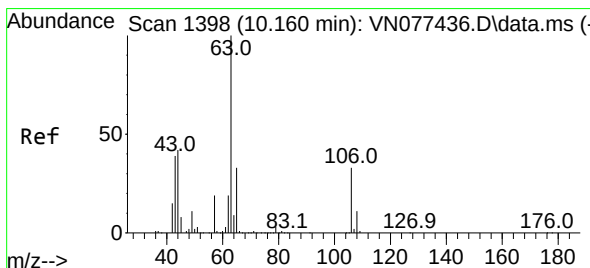
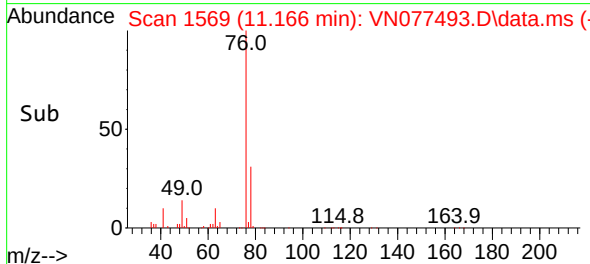
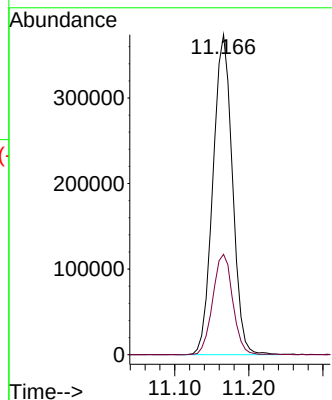
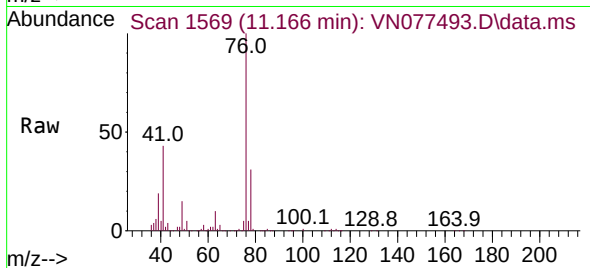
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#58

2-Chloroethyl Vinyl ether

Concen: 275.966 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077493.D

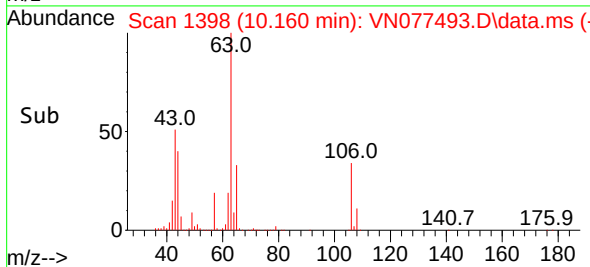
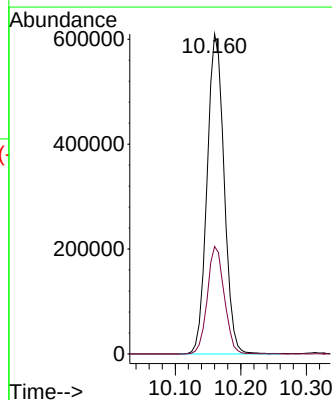
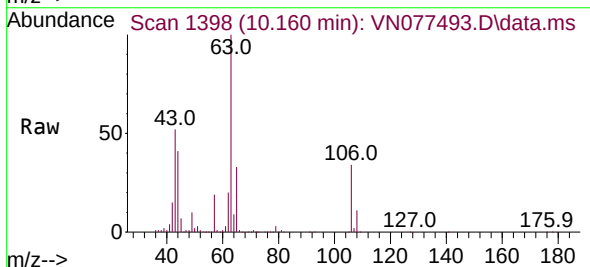
Acq: 27 Apr 2023 16:57

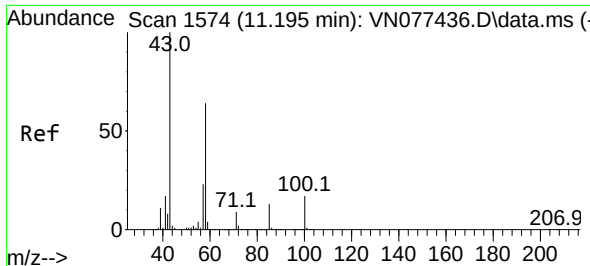
Tgt Ion: 63 Resp: 1100074

Ion Ratio Lower Upper

63 100

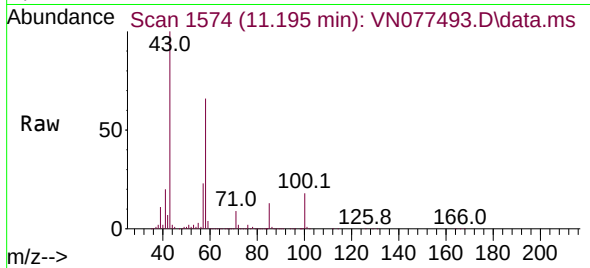
106 33.5 26.2 39.4





#59
2-Hexanone
Concen: 234.352 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

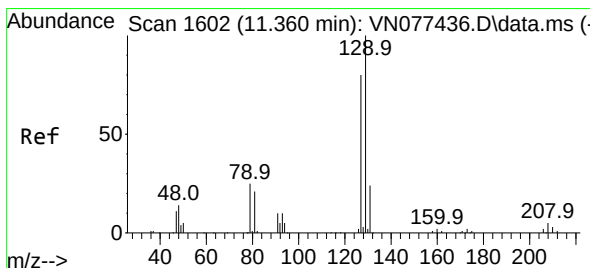
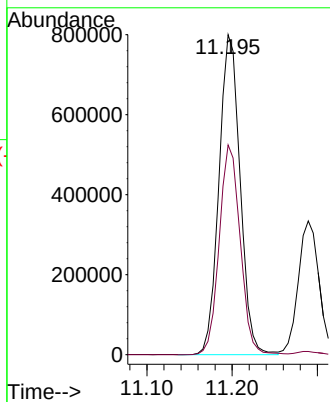
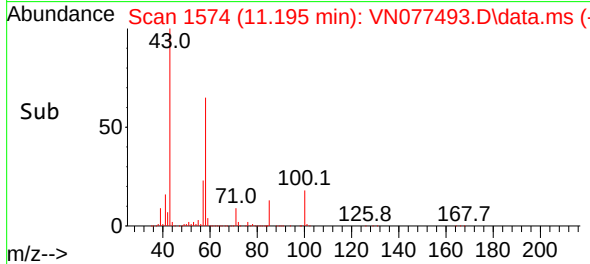
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 137661
Ion Ratio Lower Upper
43 100
58 65.1 31.7 95.1

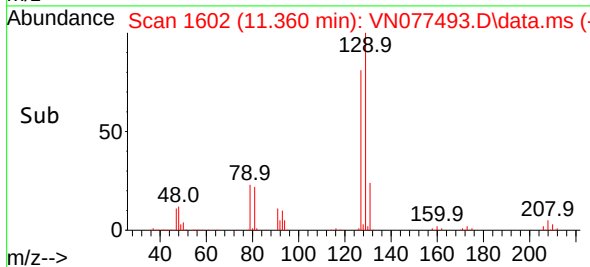
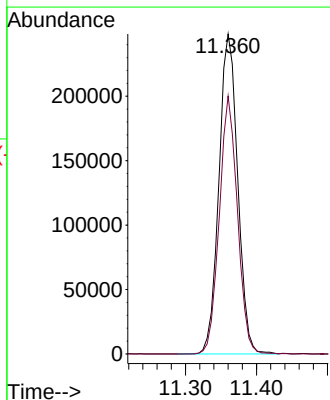
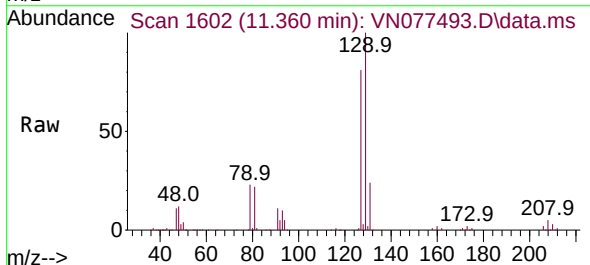
Manual Integrations
APPROVED

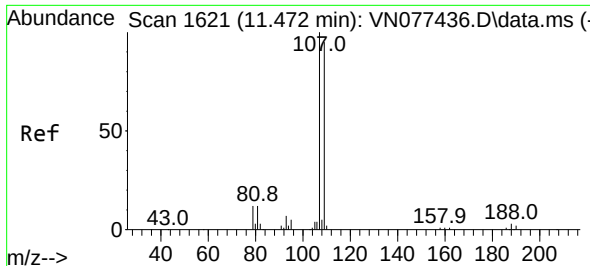
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#60
Dibromochloromethane
Concen: 52.110 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

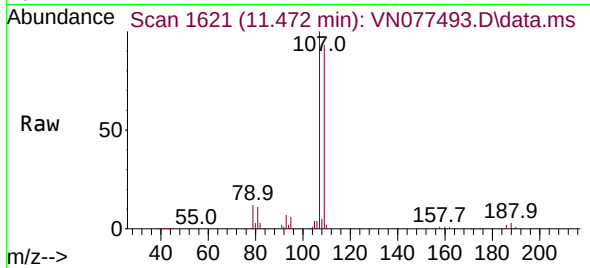
Tgt Ion:129 Resp: 454865
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.903 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

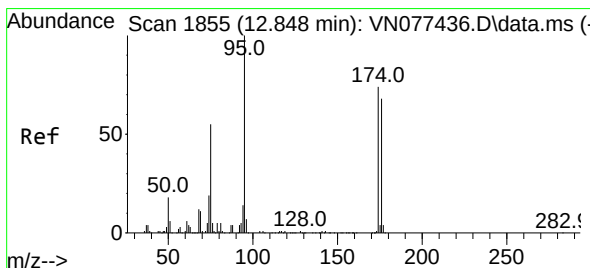
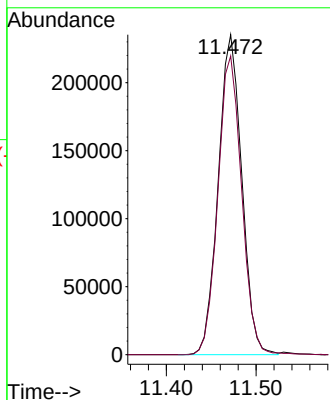
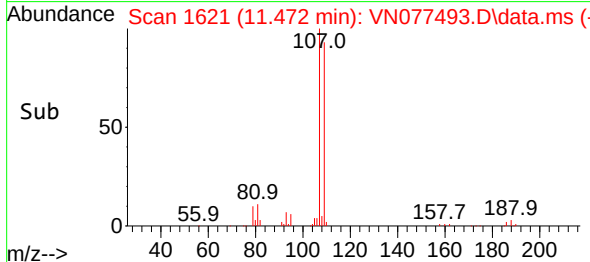
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



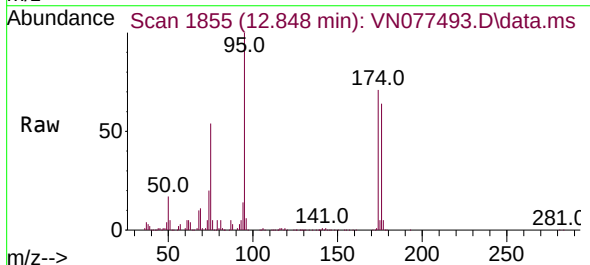
Tgt Ion: 107 Resp: 428510
Ion Ratio Lower Upper
107 100
109 94.3 76.6 114.8

Manual Integrations
APPROVED

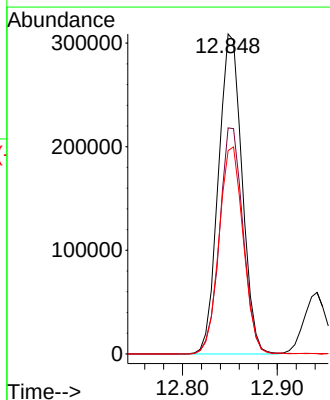
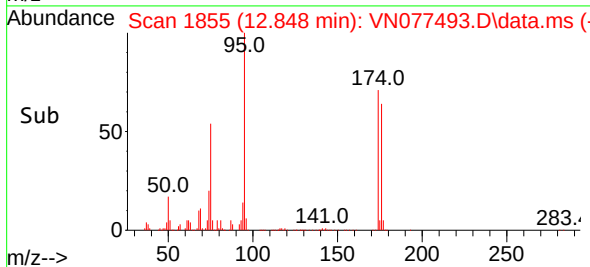
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

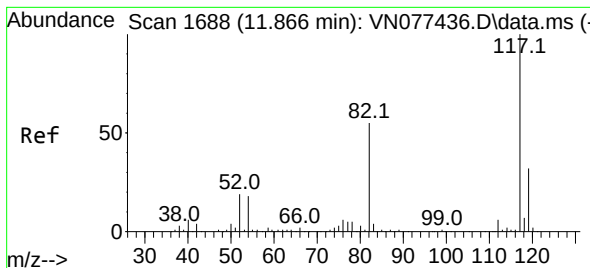


#62
4-Bromofluorobenzene
Concen: 58.985 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57



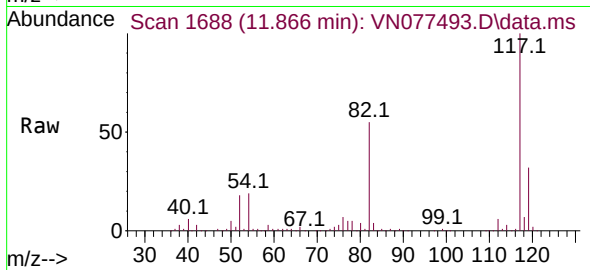
Tgt Ion: 95 Resp: 536552
Ion Ratio Lower Upper
95 100
174 70.4 0.0 143.8
176 66.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

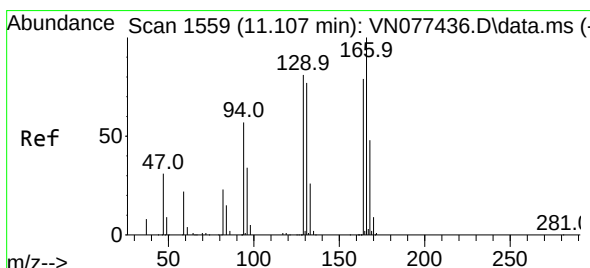
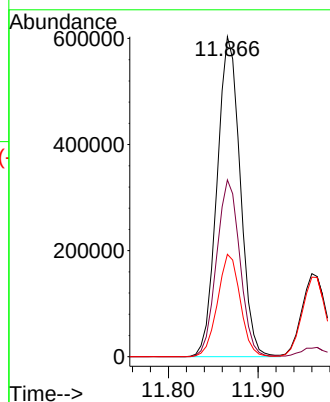
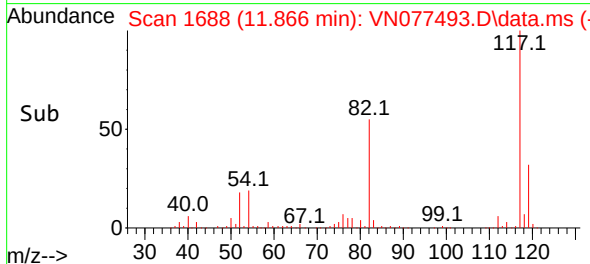
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



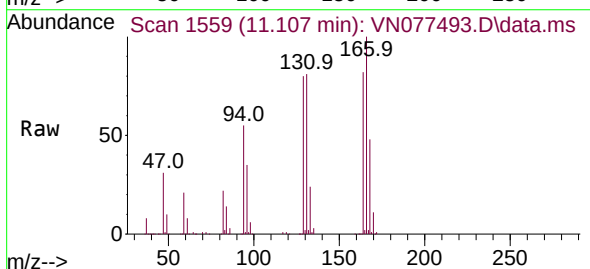
Tgt Ion:117 Resp: 108148
Ion Ratio Lower Upper
117 100
82 55.3 44.0 66.0
119 32.0 25.6 38.4

Manual Integrations
APPROVED

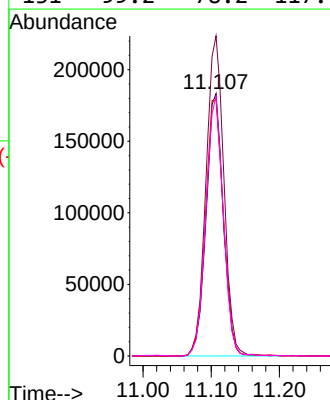
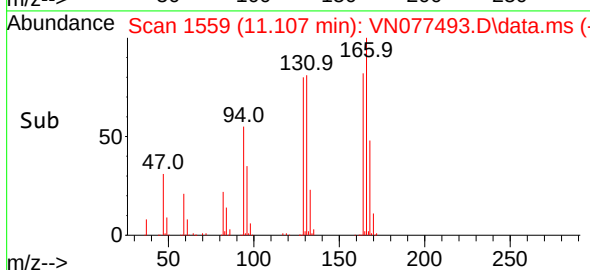
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

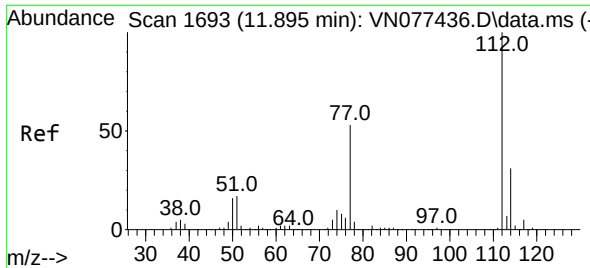


#64
Tetrachloroethene
Concen: 49.838 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57



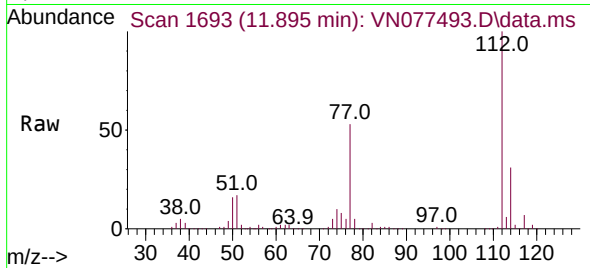
Tgt Ion:164 Resp: 322642
Ion Ratio Lower Upper
164 100
166 122.0 101.4 152.0
129 97.6 82.4 123.6
131 99.2 78.2 117.4





#65
Chlorobenzene
Concen: 49.652 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

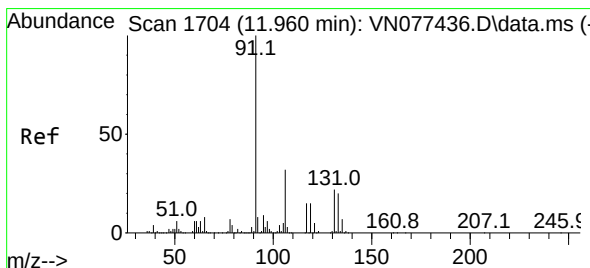
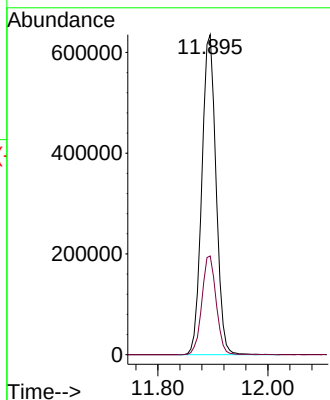
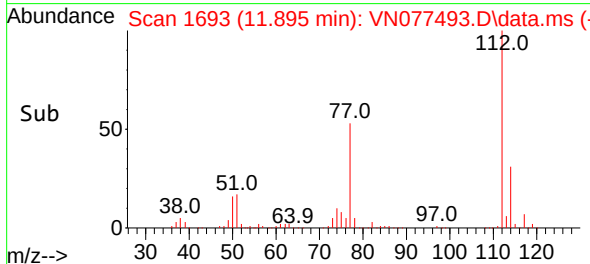
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 113628
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.4

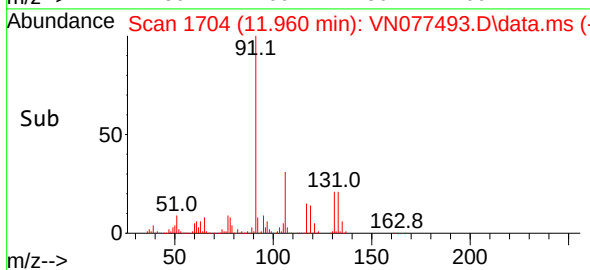
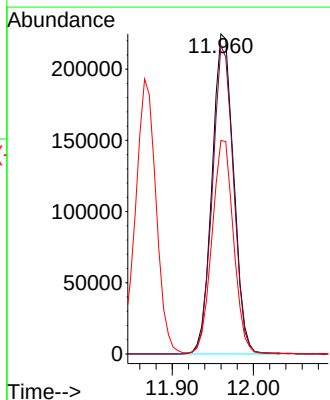
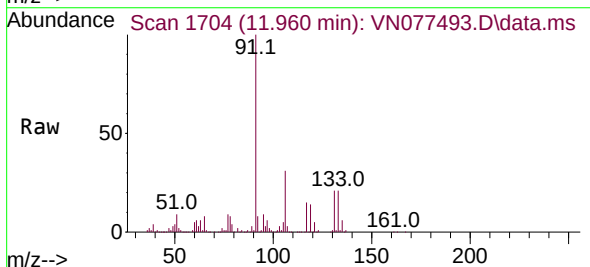
Manual Integrations
APPROVED

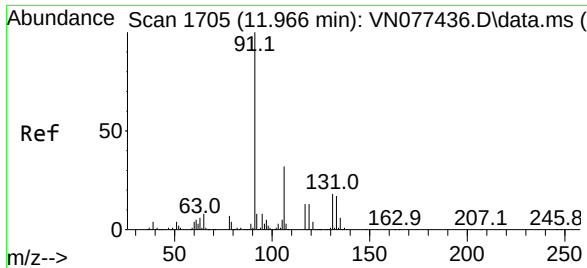
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.930 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

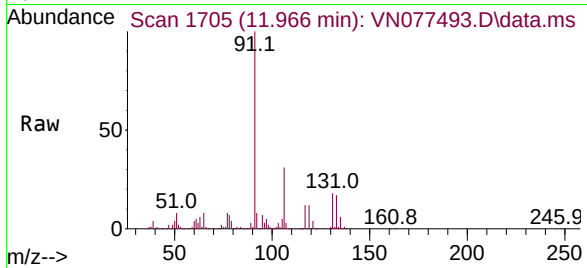
Tgt Ion:131 Resp: 415728
Ion Ratio Lower Upper
131 100
133 94.3 46.4 139.1
119 66.5 34.1 102.2





#67
Ethyl Benzene
Concen: 51.254 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

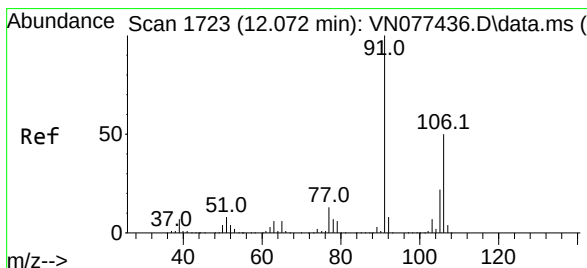
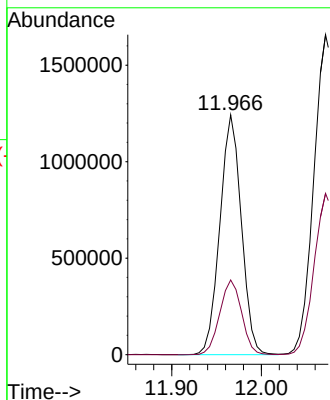
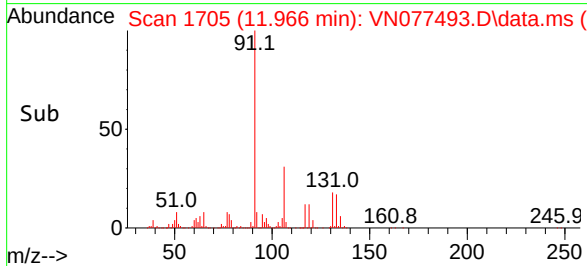
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



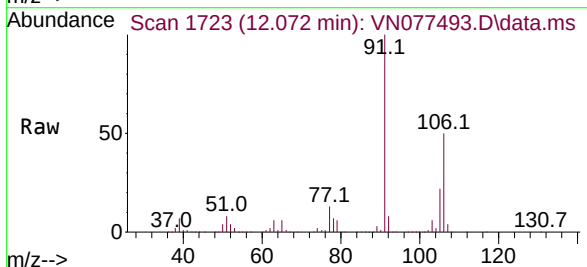
Tgt Ion: 91 Resp: 206484
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4

Manual Integrations
APPROVED

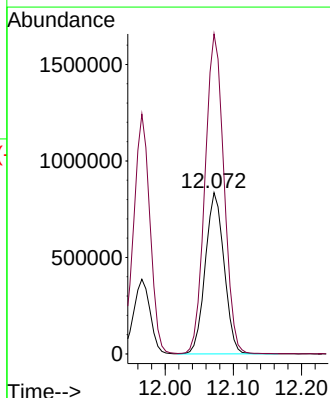
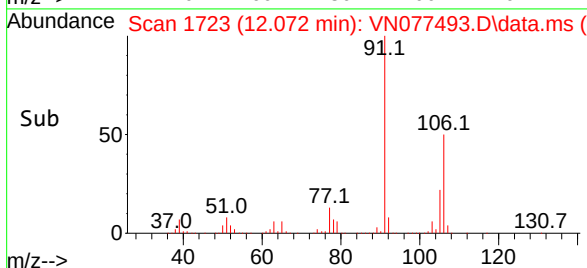
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

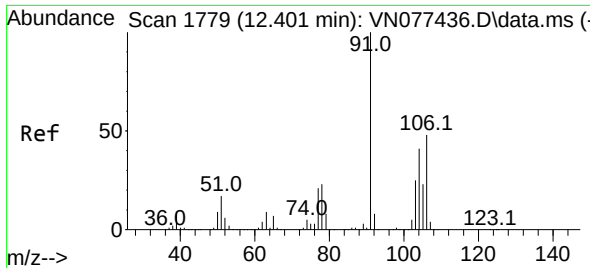


#68
m/p-Xylenes
Concen: 102.211 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57



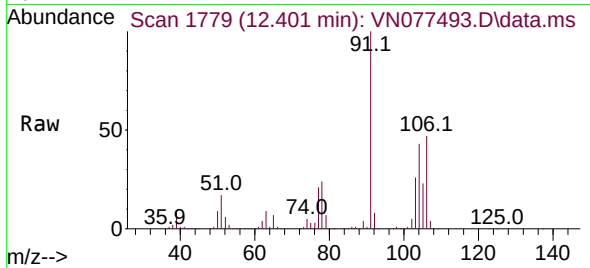
Tgt Ion:106 Resp: 1600366
Ion Ratio Lower Upper
106 100
91 200.0 159.6 239.4





#69
o-Xylene
Concen: 50.922 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

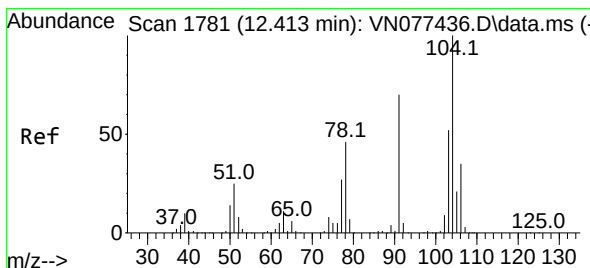
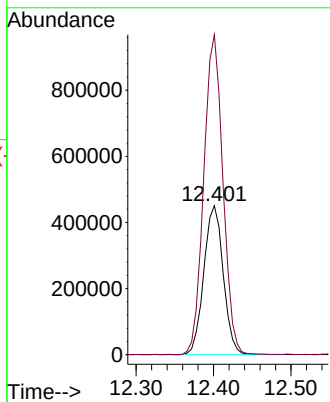
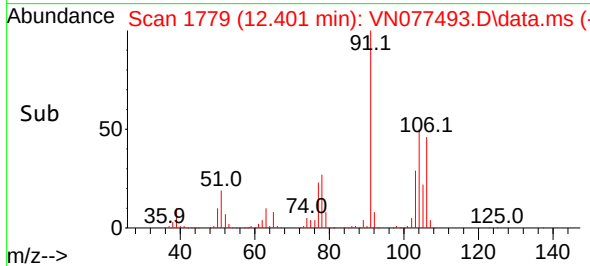
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 784240
Ion Ratio Lower Upper
106 100
91 211.7 105.2 315.5

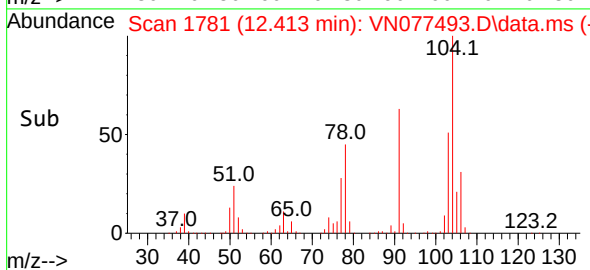
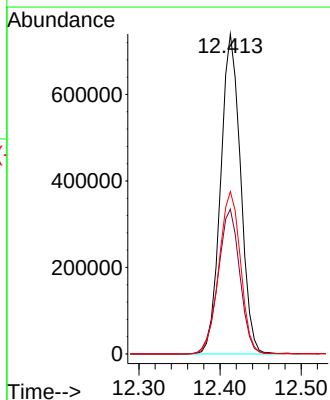
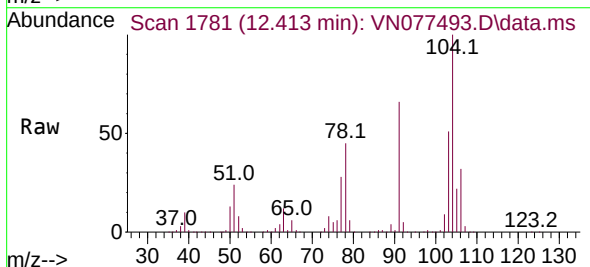
Manual Integrations
APPROVED

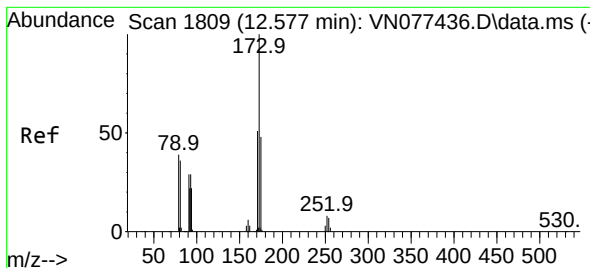
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#70
Styrene
Concen: 52.476 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

Tgt Ion:104 Resp: 1263879
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 55.0 43.2 64.8





#71

Bromoform

Concen: 52.196 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. 0.000 min

Lab File: VN077493.D

Acq: 27 Apr 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

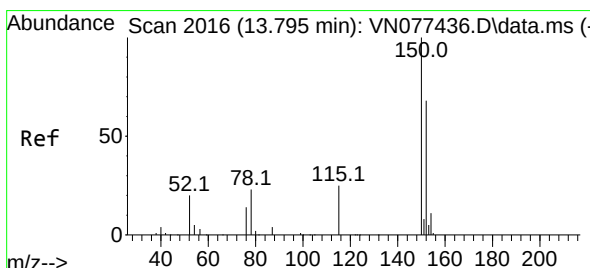
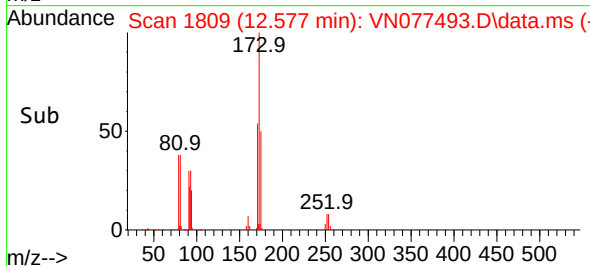
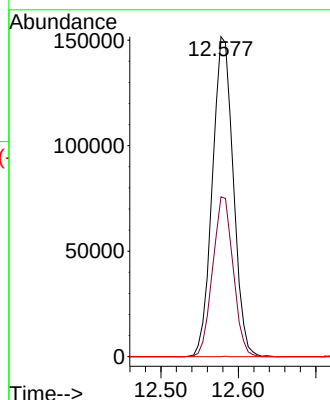
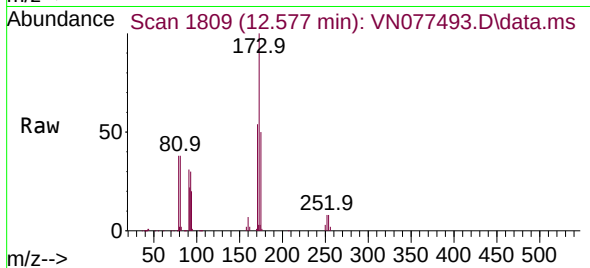
Tgt Ion:173 Resp: 284324
 Ion Ratio Lower Upper
 173 100
 175 49.0 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

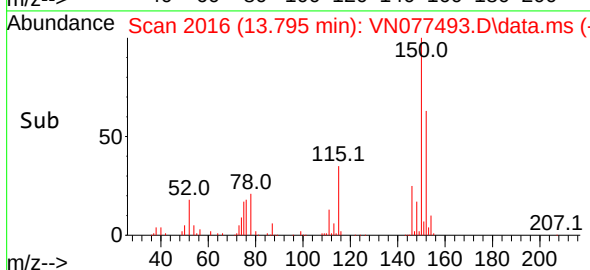
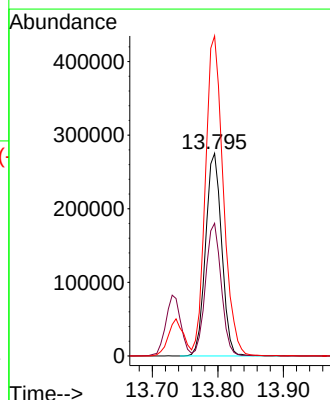
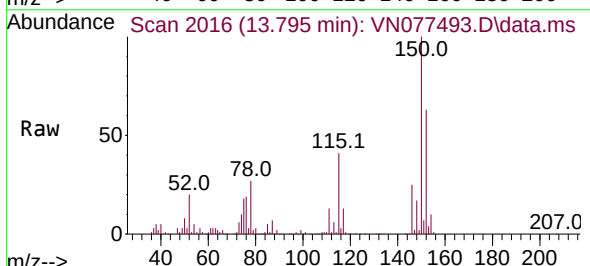
RT: 13.795 min Scan# 2016

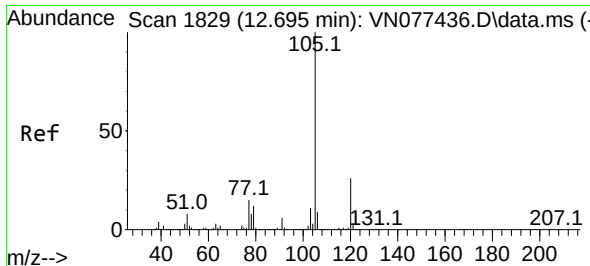
Delta R.T. 0.000 min

Lab File: VN077493.D

Acq: 27 Apr 2023 16:57

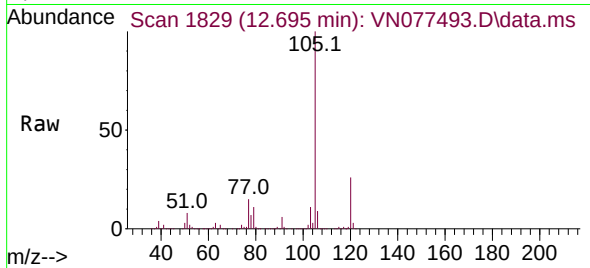
Tgt Ion:152 Resp: 469500
 Ion Ratio Lower Upper
 152 100
 115 63.7 32.3 96.8
 150 174.8 0.0 355.8





#73
Isopropylbenzene
Concen: 48.047 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

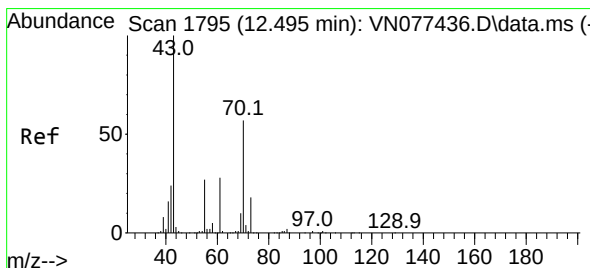
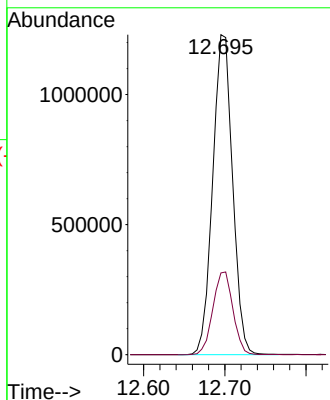
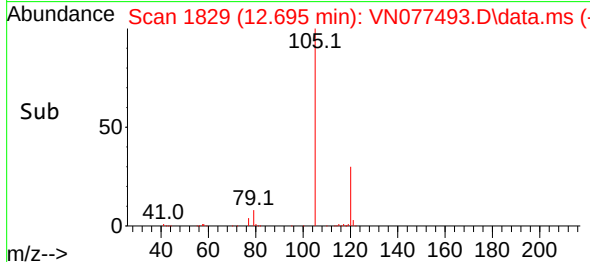
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



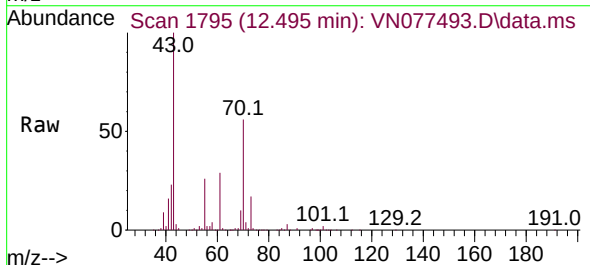
Tgt Ion:105 Resp: 2093284
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1

Manual Integrations
APPROVED

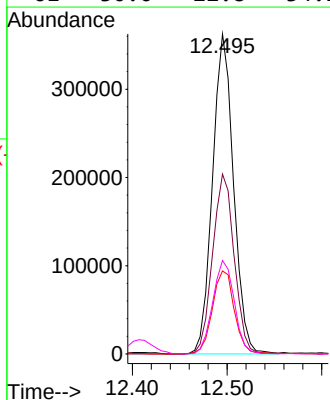
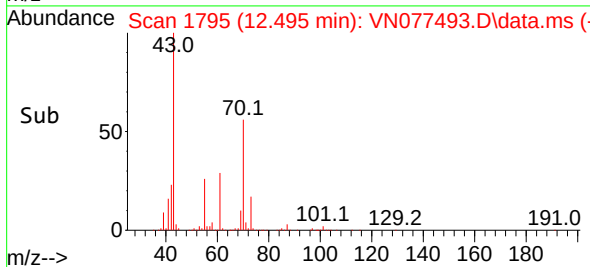
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

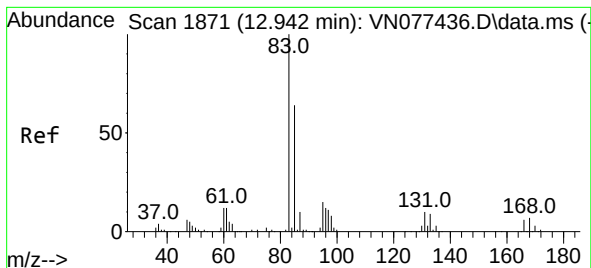


#74
N-ethyl acetate
Concen: 43.288 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57



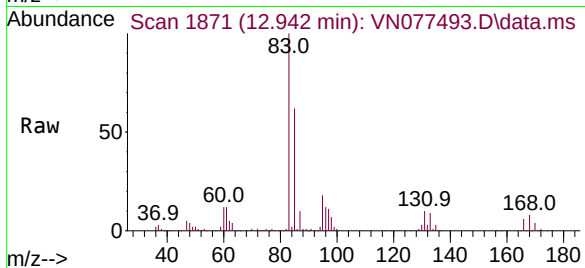
Tgt Ion: 43 Resp: 558354
Ion Ratio Lower Upper
43 100
70 58.1 43.4 65.2
55 27.5 21.4 32.0
61 30.0 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 43.547 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

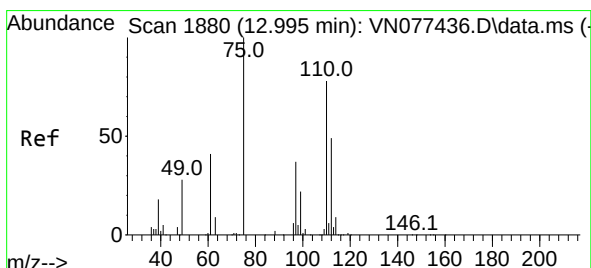
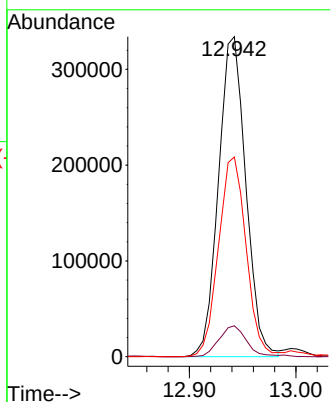
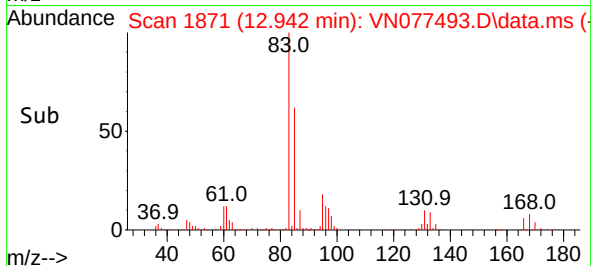
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



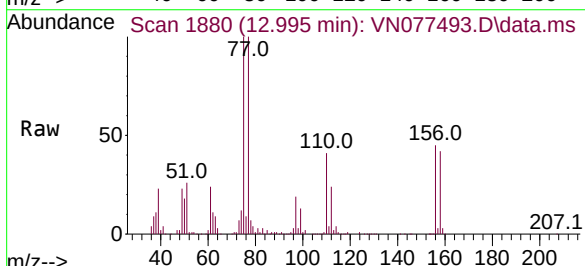
Tgt Ion: 83 Resp: 59612
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 63.2 31.9 95.7

Manual Integrations
APPROVED

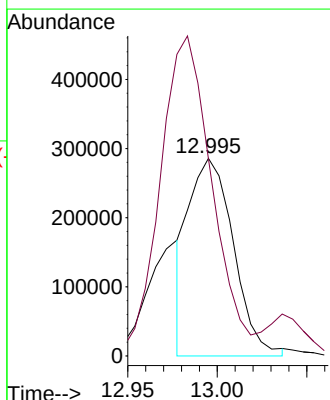
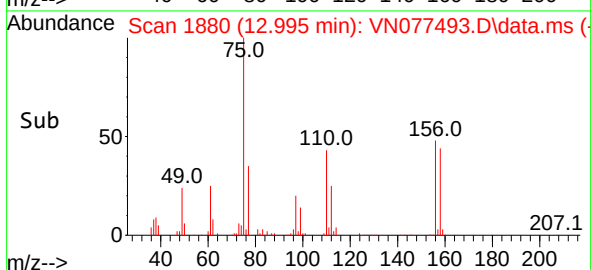
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

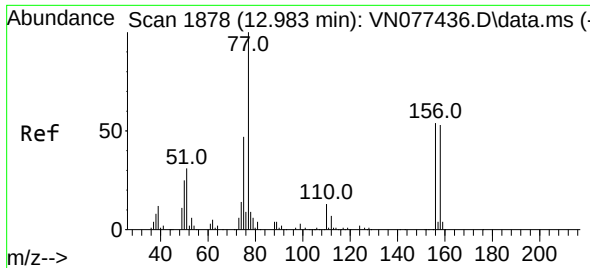


#76
1,2,3-Trichloropropane
Concen: 45.494 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57



Tgt Ion: 75 Resp: 496691
Ion Ratio Lower Upper
75 100
77 187.4 84.5 253.5





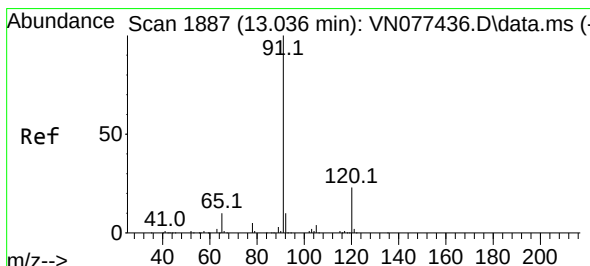
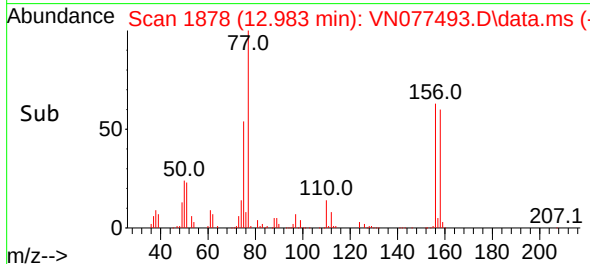
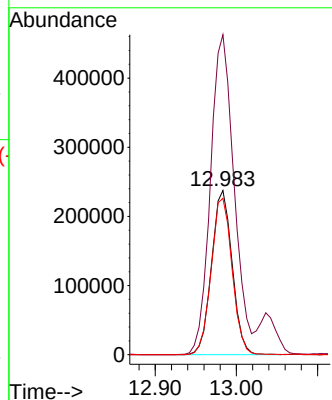
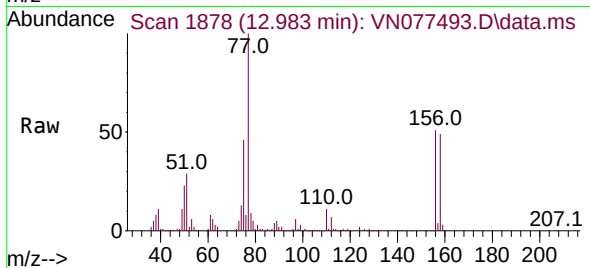
#77
Bromobenzene
Concen: 44.070 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 418454
Ion Ratio Lower Upper
156 100
77 222.4 107.7 323.3
158 96.6 48.4 145.3

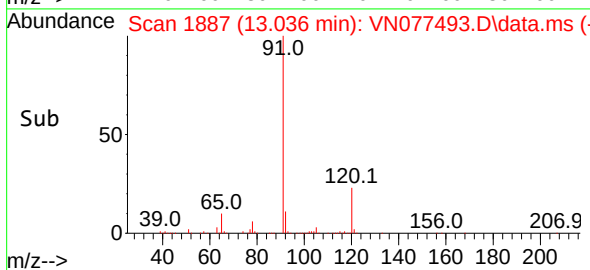
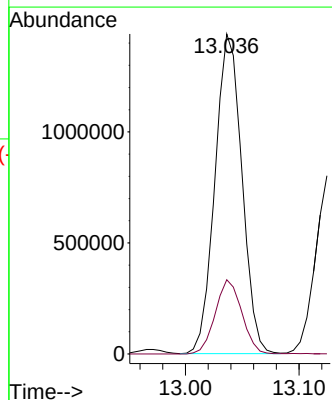
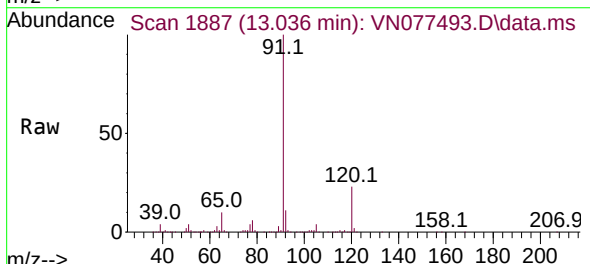
Manual Integrations
APPROVED

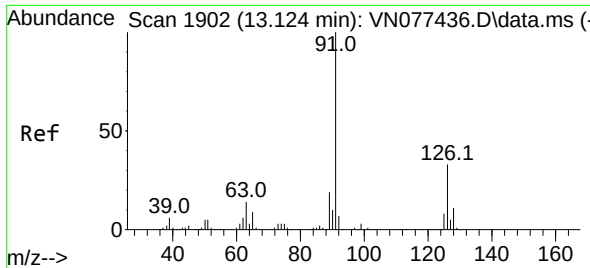
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#78
n-propylbenzene
Concen: 49.216 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

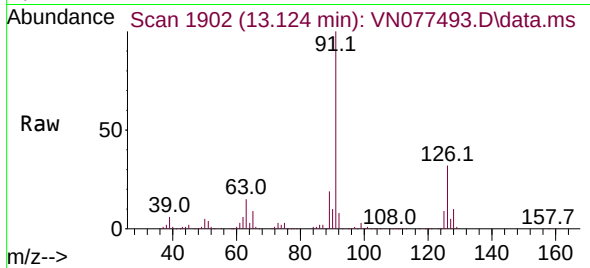
Tgt Ion: 91 Resp: 2370864
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





#79
2-Chlorotoluene
Concen: 47.555 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

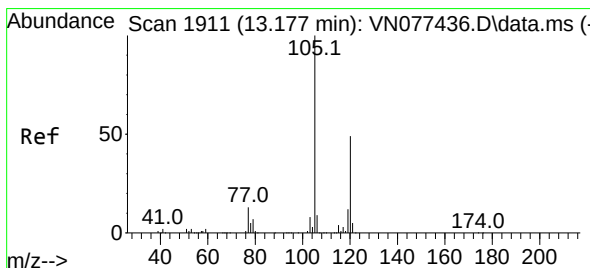
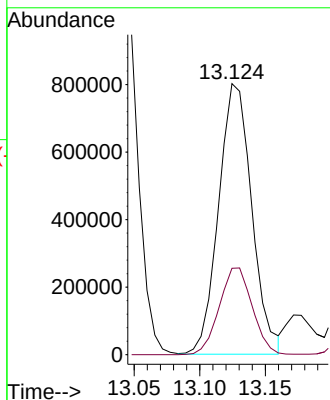
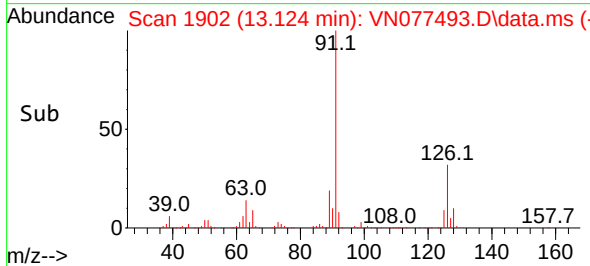
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



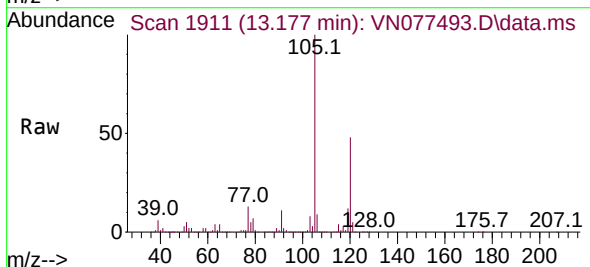
Tgt Ion: 91 Resp: 141242
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.8

Manual Integrations
APPROVED

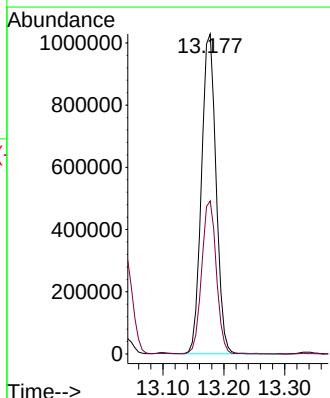
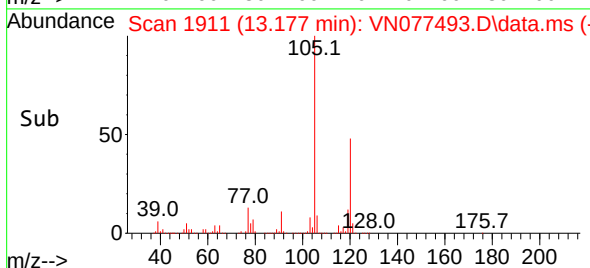
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

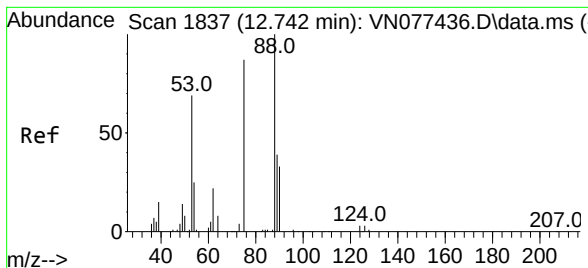


#80
1,3,5-Trimethylbenzene
Concen: 52.976 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57



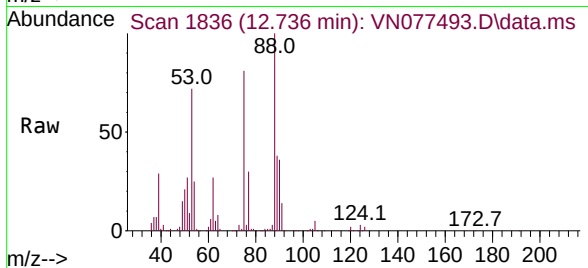
Tgt Ion:105 Resp: 1714012
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 47.795 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

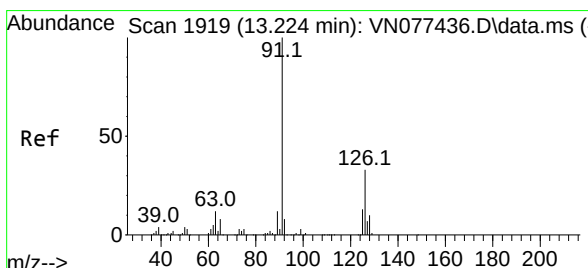
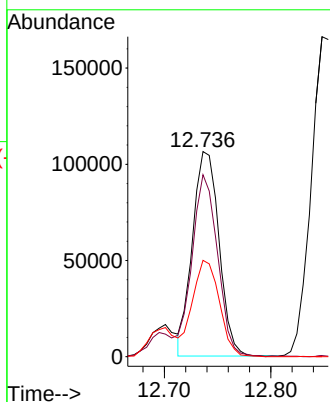
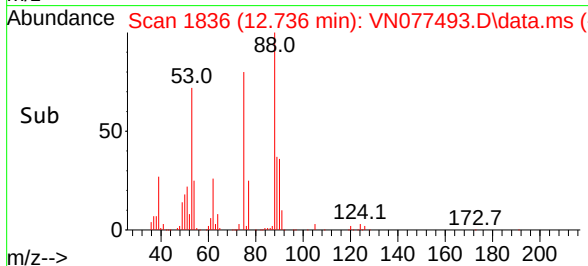
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 184700
Ion Ratio Lower Upper
75 100
53 86.9 67.4 101.2
89 48.0 38.8 58.2

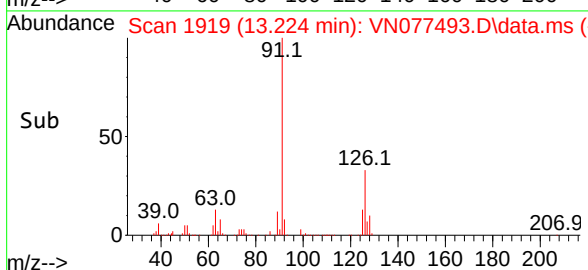
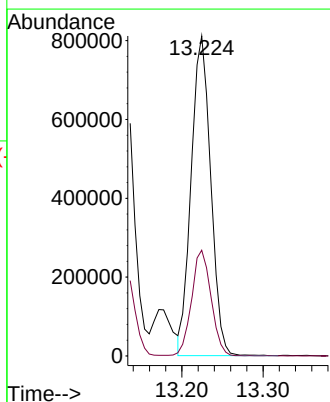
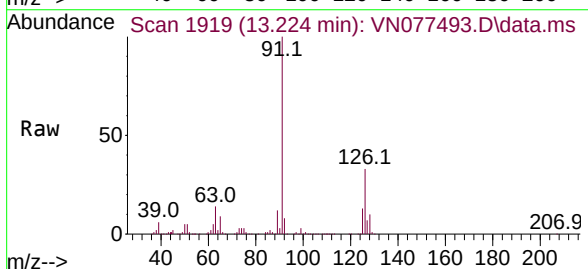
Manual Integrations
APPROVED

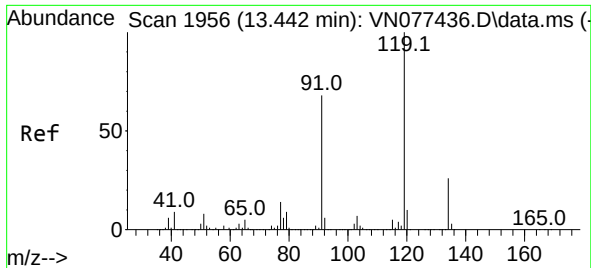
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#82
4-Chlorotoluene
Concen: 48.949 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

Tgt Ion: 91 Resp: 1358521
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.0





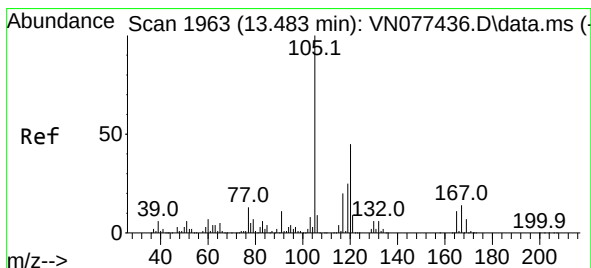
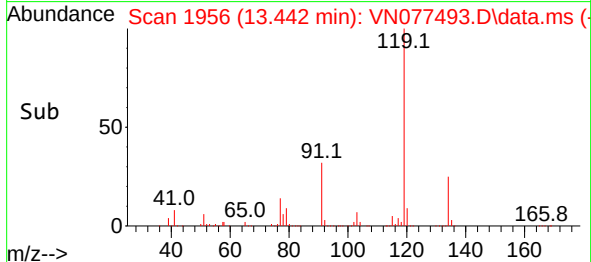
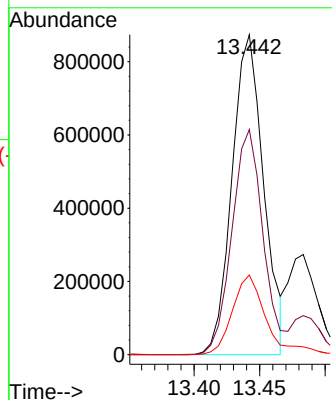
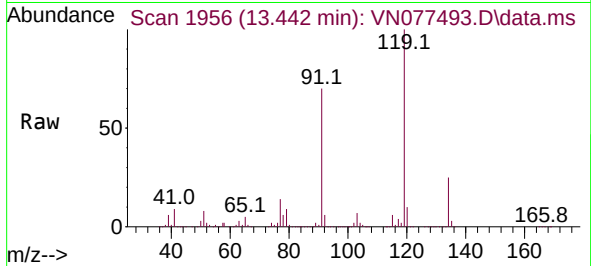
#83
tert-Butylbenzene
Concen: 46.770 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 1469538
Ion Ratio Lower Upper
119 100
91 70.0 33.9 101.7
134 26.7 13.2 39.6

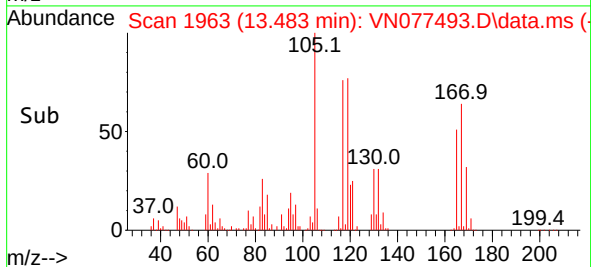
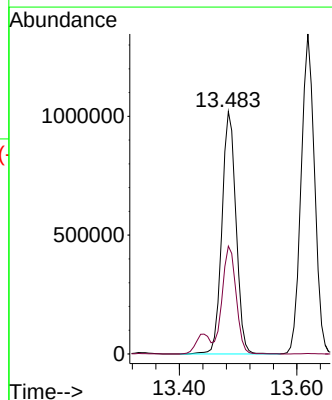
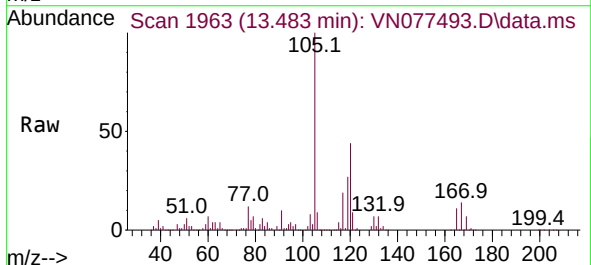
Manual Integrations
APPROVED

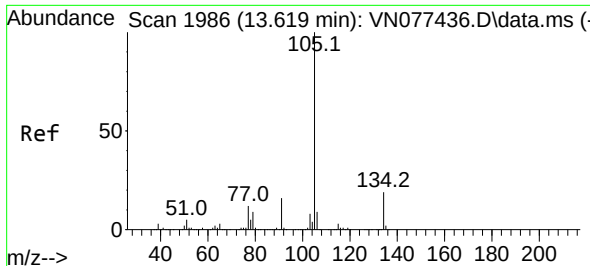
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#84
1,2,4-Trimethylbenzene
Concen: 56.123 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

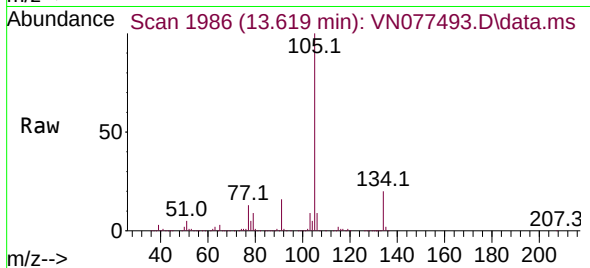
Tgt Ion:105 Resp: 1695840
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 49.612 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077493.D
 Acq: 27 Apr 2023 16:57

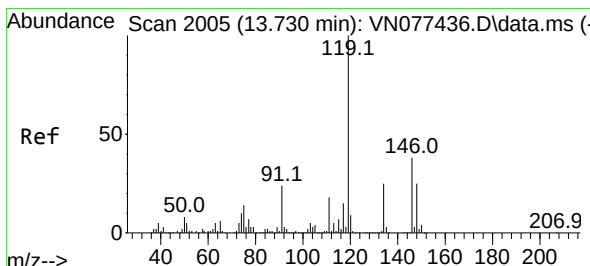
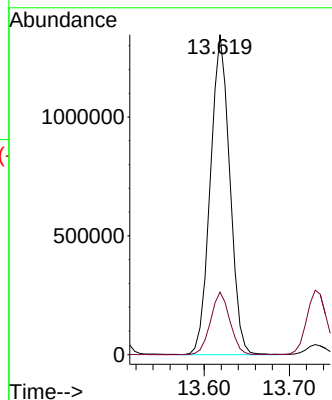
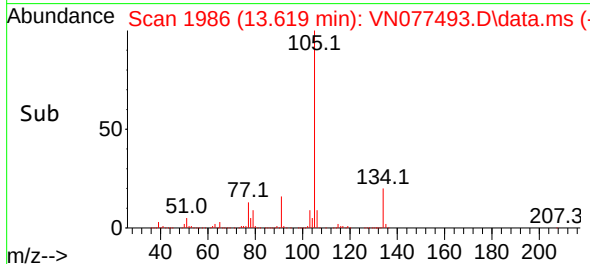
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



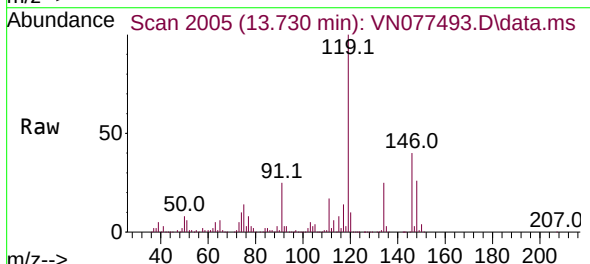
Tgt Ion:105 Resp: 2139620
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

Manual Integrations
 APPROVED

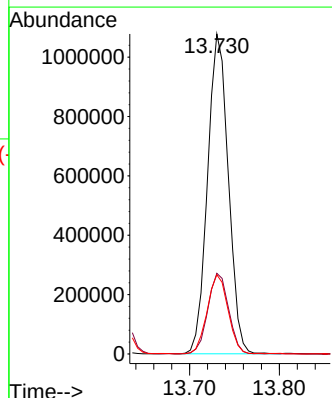
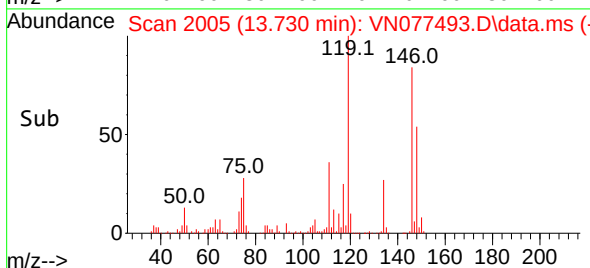
Reviewed By :John Carlone 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

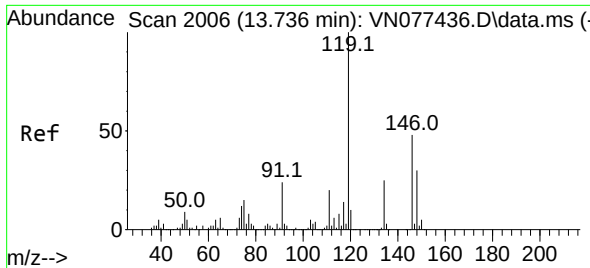


#86
 p-Isopropyltoluene
 Concen: 52.176 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077493.D
 Acq: 27 Apr 2023 16:57



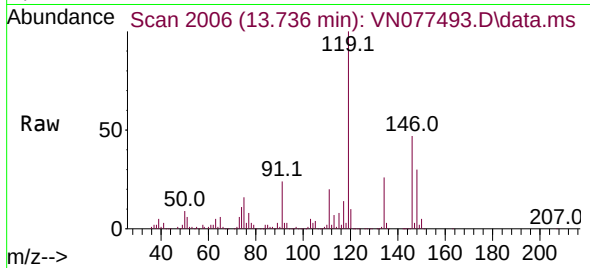
Tgt Ion:119 Resp: 1731322
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 24.7 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 47.955 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

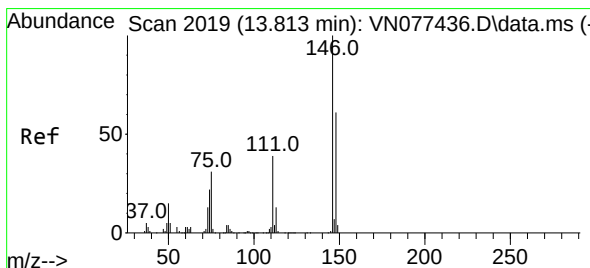
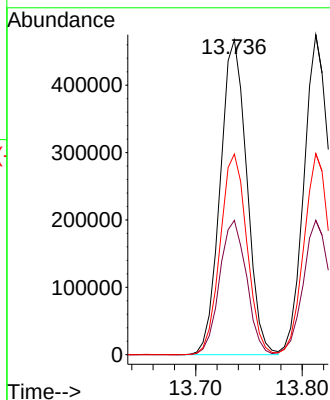
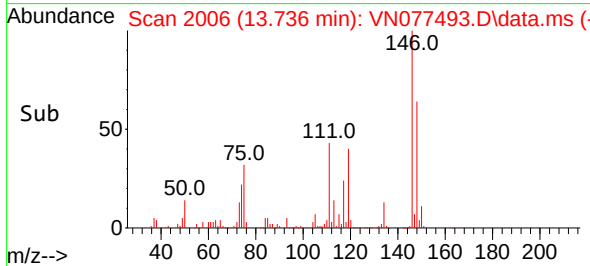
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



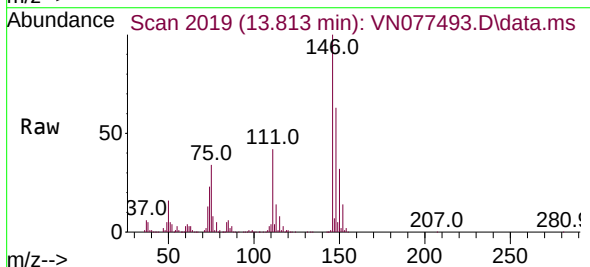
Tgt Ion:146 Resp: 809794
Ion Ratio Lower Upper
146 100
111 43.2 22.1 66.3
148 64.0 32.0 96.0

Manual Integrations
APPROVED

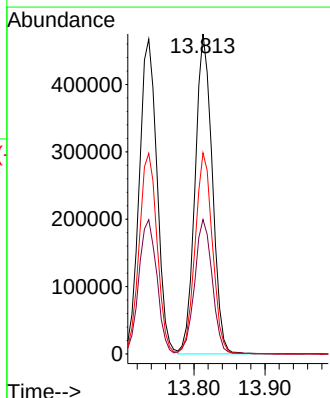
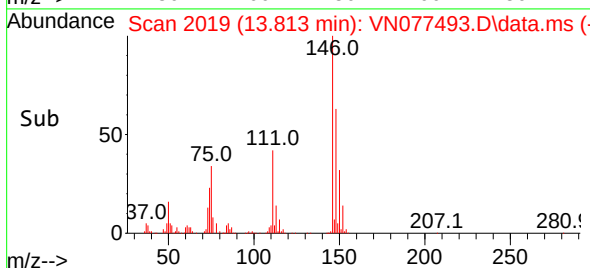
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

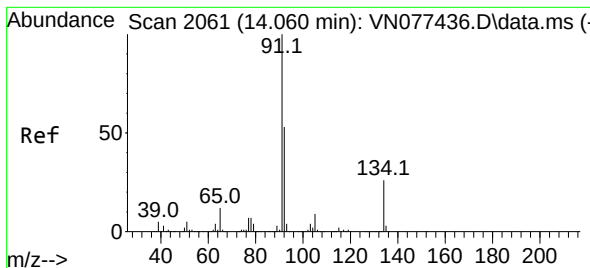


#88
1,4-Dichlorobenzene
Concen: 47.924 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57



Tgt Ion:146 Resp: 799053
Ion Ratio Lower Upper
146 100
111 43.3 20.6 61.8
148 63.4 31.6 94.8





#89

n-Butylbenzene

Concen: 57.374 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077493.D

Acq: 27 Apr 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 147335

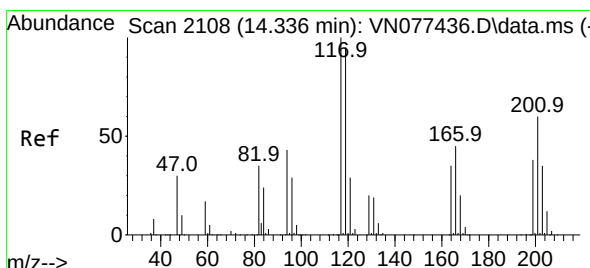
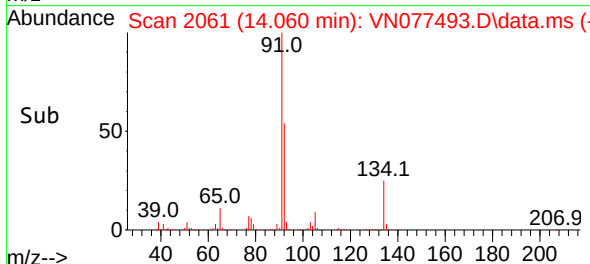
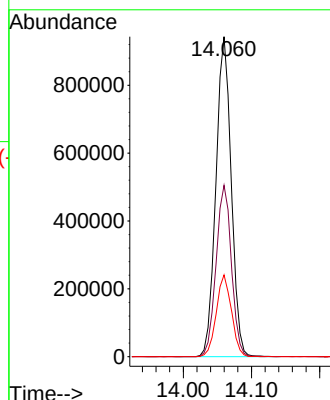
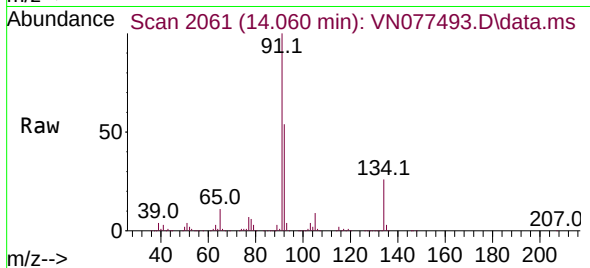
Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.4	79.0
134	25.3	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#90

Hexachloroethane

Concen: 46.498 ug/l

RT: 14.336 min Scan# 2108

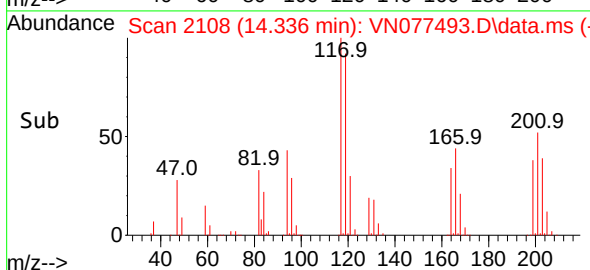
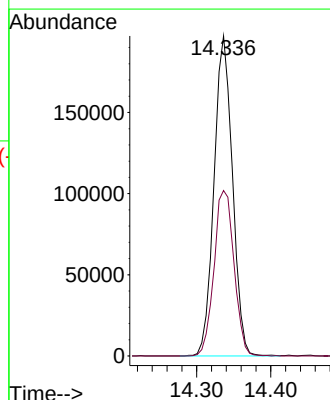
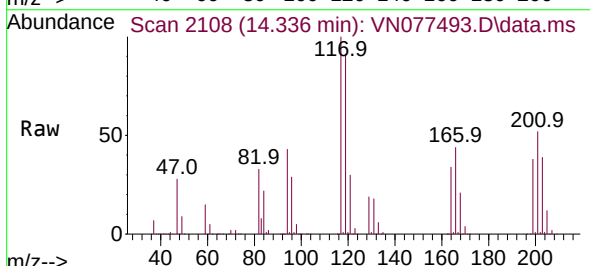
Delta R.T. 0.000 min

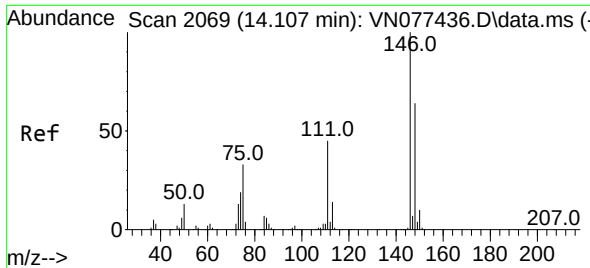
Lab File: VN077493.D

Acq: 27 Apr 2023 16:57

Tgt Ion:117 Resp: 340876

Ion	Ratio	Lower	Upper
117	100		
201	56.1	29.3	88.0





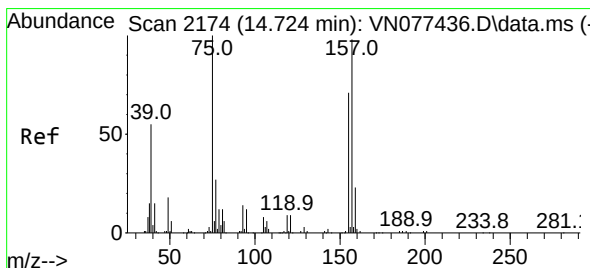
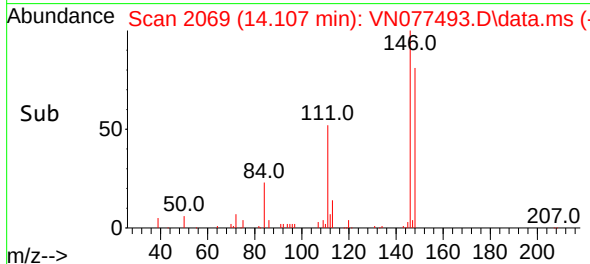
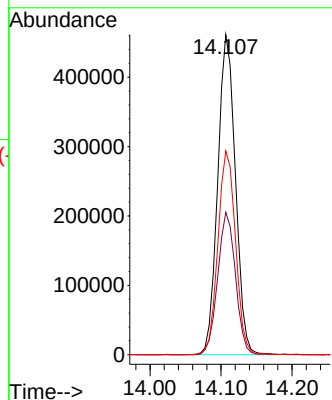
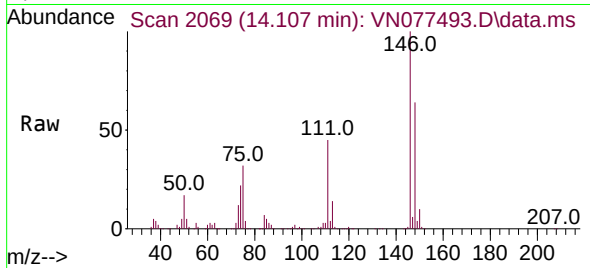
#91
1,2-Dichlorobenzene
Concen: 47.529 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 796034
Ion Ratio Lower Upper
146 100
111 44.7 22.0 66.0
148 63.4 31.8 95.3

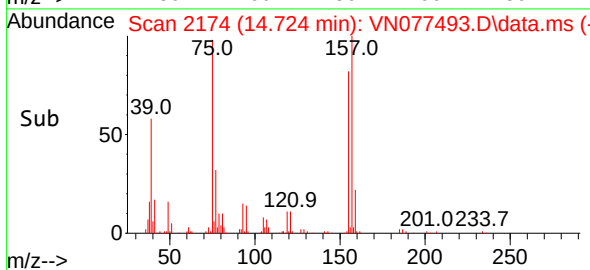
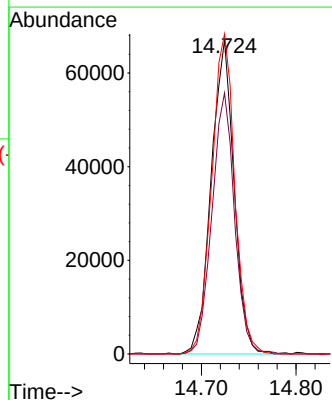
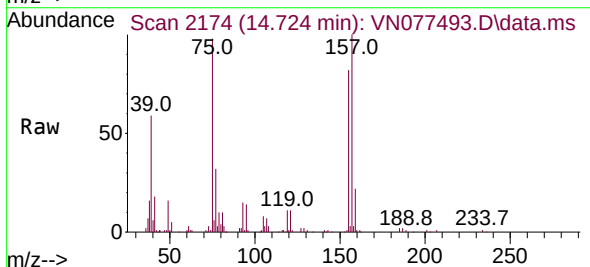
Manual Integrations
APPROVED

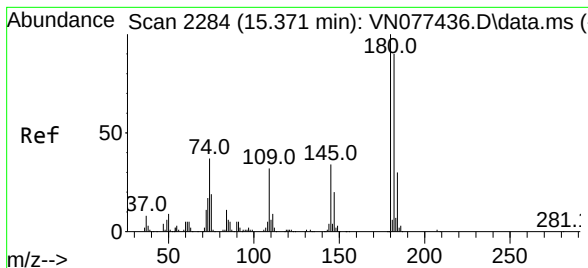
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.426 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

Tgt Ion: 75 Resp: 112461
Ion Ratio Lower Upper
75 100
155 82.1 39.1 117.2
157 102.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 51.105 ug/l

RT: 15.395 min Scan# 21

Delta R.T. 0.024 min

Lab File: VN077493.D

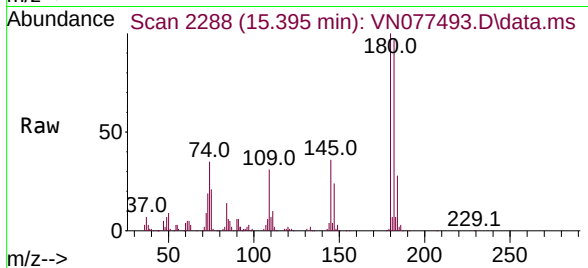
Acq: 27 Apr 2023 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 27749

Ion Ratio Lower Upper

180 100

182 95.1 46.1 138.2

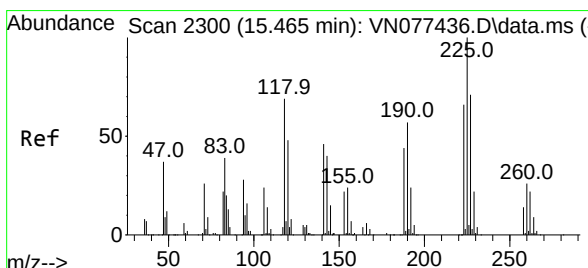
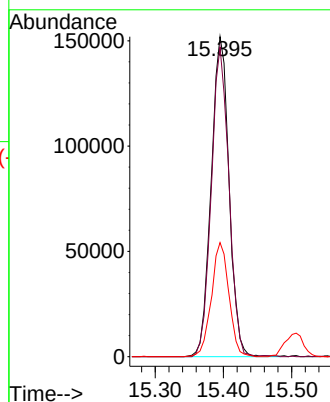
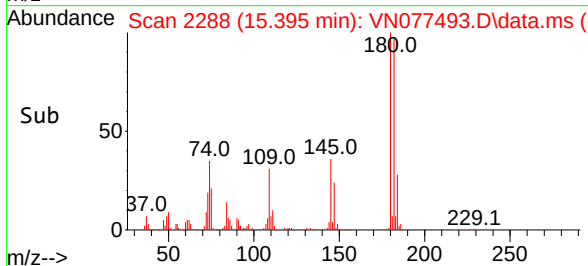
145 34.9 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#94

Hexachlorobutadiene

Concen: 50.406 ug/l

RT: 15.501 min Scan# 2306

Delta R.T. 0.036 min

Lab File: VN077493.D

Acq: 27 Apr 2023 16:57

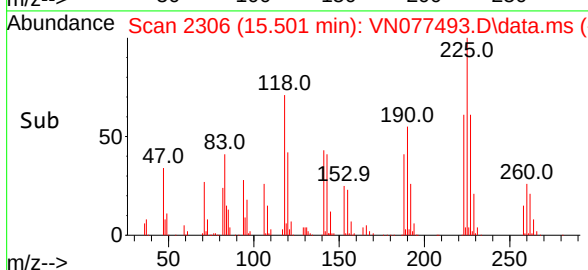
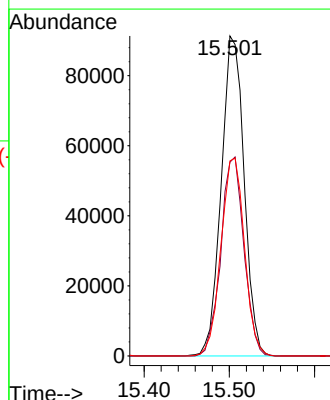
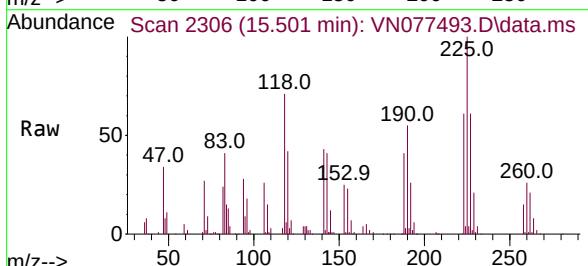
Tgt Ion:225 Resp: 170597

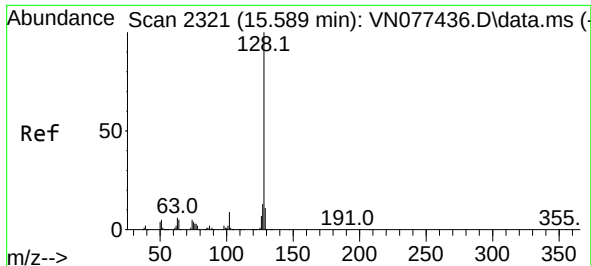
Ion Ratio Lower Upper

225 100

223 62.7 31.3 93.8

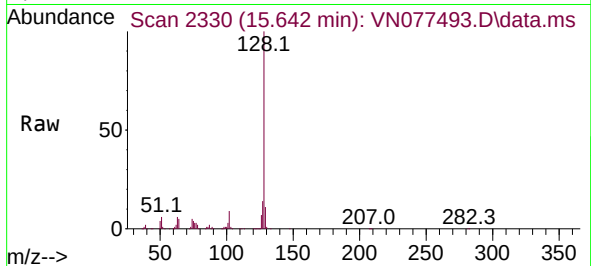
227 63.5 31.9 95.9





#95
Naphthalene
Concen: 50.134 ug/l
RT: 15.642 min Scan# 21
Delta R.T. 0.053 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57

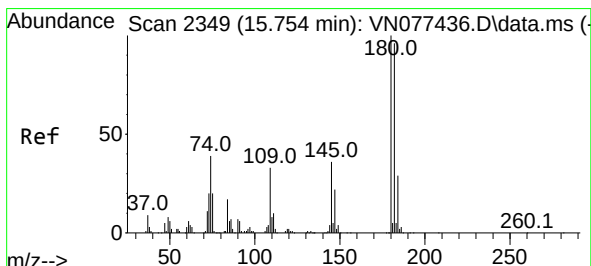
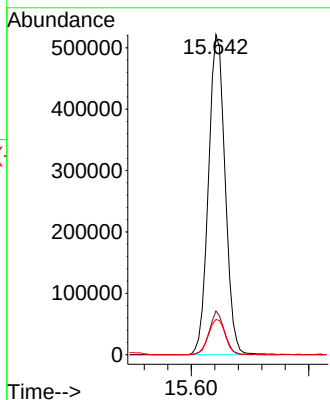
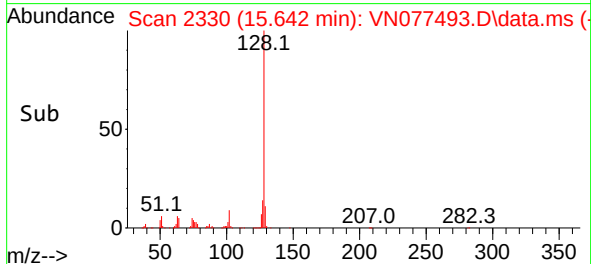
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



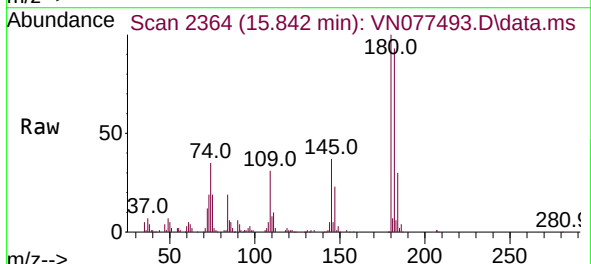
Tgt Ion:128 Resp: 102704
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.642 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. 0.088 min
Lab File: VN077493.D
Acq: 27 Apr 2023 16:57



Tgt Ion:180 Resp: 249325
Ion Ratio Lower Upper
180 100
182 94.2 46.2 138.6
145 36.7 17.5 52.6

