

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040523\
 Data File : VN077256.D
 Acq On : 05 Apr 2023 11:39
 Operator : JC\MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Quant Time: Apr 05 11:59:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 05 11:06:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/06/2023
 Supervised By : Mahesh Dadoda 04/06/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	526030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1002197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	875612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	345716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	70028	12.931	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	25.860%#		
35) Dibromofluoromethane	8.172	113	62600	10.122	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	20.240%#		
50) Toluene-d8	10.572	98	250755	11.212	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	22.420%#		
62) 4-Bromofluorobenzene	12.854	95	77896	10.522	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	21.040%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	71158	26.471	ug/l	92
3) Chloromethane	2.372	50	84629	24.396	ug/l	92
4) Vinyl Chloride	2.525	62	114724	30.344	ug/l #	88
5) Bromomethane	2.960	94	79611	29.288	ug/l	93
6) Chloroethane	3.131	64	75786	23.973	ug/l	99
7) Trichlorofluoromethane	3.507	101	103002	12.026	ug/l	90
8) Diethyl Ether	3.972	74	41252	12.506	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.378	101	60723	11.874	ug/l	92
10) Methyl Iodide	4.601	142	72499	11.562	ug/l	92
11) Tert butyl alcohol	5.531	59	70293	79.999	ug/l #	85
12) 1,1-Dichloroethene	4.354	96	62139	13.141	ug/l	87
13) Acrolein	4.190	56	67015	71.876	ug/l	98
14) Allyl chloride	5.031	41	86170	10.514	ug/l #	80
15) Acrylonitrile	5.731	53	156261	54.085	ug/l	97
16) Acetone	4.437	43	136409	50.660	ug/l	92
17) Carbon Disulfide	4.719	76	166922	13.259	ug/l	96
18) Methyl Acetate	5.031	43	102106	10.083	ug/l #	88
19) Methyl tert-butyl Ether	5.801	73	221096	13.972	ug/l	96
20) Methylene Chloride	5.290	84	71850	11.920	ug/l #	94
21) trans-1,2-Dichloroethene	5.796	96	67851	13.122	ug/l #	83
22) Diisopropyl ether	6.678	45	188287	10.863	ug/l #	91
23) Vinyl Acetate	6.613	43	630983	60.664	ug/l	95
24) 1,1-Dichloroethane	6.584	63	120389	11.824	ug/l	98
25) 2-Butanone	7.495	43	210510	54.998	ug/l	90
26) 2,2-Dichloropropane	7.501	77	113084	15.012	ug/l	96
27) cis-1,2-Dichloroethene	7.495	96	81497	13.179	ug/l	92
28) Bromochloromethane	7.825	49	47591	10.711	ug/l	98
29) Tetrahydrofuran	7.848	42	135087	56.133	ug/l #	81
30) Chloroform	7.972	83	129362	12.898	ug/l	94
31) Cyclohexane	8.266	56	113040	11.834	ug/l #	83
32) 1,1,1-Trichloroethane	8.172	97	114055	13.480	ug/l	97
36) 1,1-Dichloropropene	8.378	75	94576	10.417	ug/l	97
37) Ethyl Acetate	7.566	43	84632	9.291	ug/l #	90
38) Carbon Tetrachloride	8.372	117	99909	10.732	ug/l	94
39) Methylcyclohexane	9.607	83	129237	11.606	ug/l #	87
40) Benzene	8.613	78	296326	10.396	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040523\
 Data File : VN077256.D
 Acq On : 05 Apr 2023 11:39
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/06/2023
 Supervised By : Mahesh Dadoda 04/06/2023

Quant Time: Apr 05 11:59:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 05 11:06:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.790	41	43594	8.756	ug/l #	87
42) 1,2-Dichloroethane	8.678	62	91929	9.856	ug/l	97
43) Isopropyl Acetate	8.695	43	157610	11.030	ug/l #	97
44) Trichloroethene	9.360	130	70502	9.559	ug/l	97
45) 1,2-Dichloropropane	9.625	63	73080	9.638	ug/l	99
46) Dibromomethane	9.713	93	51712	10.727	ug/l #	81
47) Bromodichloromethane	9.889	83	106394	11.209	ug/l	99
48) Methyl methacrylate	9.689	41	66808	9.693	ug/l #	81
49) 1,4-Dioxane	9.701	88	32574	248.434	ug/l #	79
51) 4-Methyl-2-Pentanone	10.448	43	450021	49.739	ug/l	96
52) Toluene	10.636	92	190083	11.025	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	113030	12.073	ug/l	98
54) cis-1,3-Dichloropropene	10.319	75	122456	11.259	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	77610	10.882	ug/l	90
56) Ethyl methacrylate	10.878	69	116207	11.770	ug/l #	91
57) 1,3-Dichloropropane	11.166	76	123732	10.213	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	169817	49.758	ug/l	96
59) 2-Hexanone	11.195	43	332146	50.586	ug/l	96
60) Dibromochloromethane	11.360	129	76168	10.279	ug/l	93
61) 1,2-Dibromoethane	11.472	107	73659	10.638	ug/l	100
64) Tetrachloroethene	11.107	164	55844	8.710	ug/l #	87
65) Chlorobenzene	11.895	112	196572	10.633	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	73361	10.355	ug/l	98
67) Ethyl Benzene	11.966	91	361287	11.592	ug/l	97
68) m/p-Xylenes	12.072	106	274447	22.640	ug/l	97
69) o-Xylene	12.401	106	138740	11.869	ug/l	98
70) Styrene	12.413	104	220258	11.835	ug/l	99
71) Bromoform	12.583	173	51713	9.299	ug/l #	96
73) Isopropylbenzene	12.701	105	347938	13.496	ug/l	100
74) N-amyl acetate	12.495	43	129841	13.661	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.942	83	109136	12.173	ug/l	99
76) 1,2,3-Trichloropropane	13.001	75	90506m	11.713	ug/l	
77) Bromobenzene	12.983	156	71093	10.298	ug/l	86
78) n-propylbenzene	13.036	91	374578	13.176	ug/l	100
79) 2-Chlorotoluene	13.130	91	230534	12.607	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	277833	13.407	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.736	75	38255m	14.155	ug/l	
82) 4-Chlorotoluene	13.224	91	206982	12.046	ug/l	97
83) tert-Butylbenzene	13.442	119	252823	13.391	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	273366	13.508	ug/l	96
85) sec-Butylbenzene	13.619	105	342151	13.422	ug/l	96
86) p-Isopropyltoluene	13.730	119	266534	12.820	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	129365	10.680	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	123999	10.376	ug/l	95
89) n-Butylbenzene	14.060	91	204546	12.283	ug/l	99
90) Hexachloroethane	14.336	117	57735	13.349	ug/l	67
91) 1,2-Dichlorobenzene	14.107	146	125464	10.546	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.718	75	19679	13.138	ug/l	85
93) 1,2,4-Trichlorobenzene	15.371	180	39442	8.520	ug/l	93
94) Hexachlorobutadiene	15.465	225	26096	6.590	ug/l	93
95) Naphthalene	15.589	128	149897	12.180	ug/l	99
96) 1,2,3-Trichlorobenzene	15.754	180	38960	8.570	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040523\
Data File : VN077256.D
Acq On : 05 Apr 2023 11:39
Operator : JC\MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

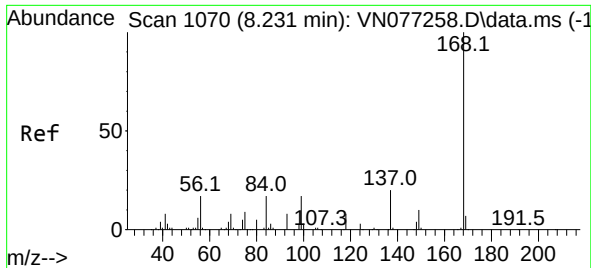
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

Quant Time: Apr 05 11:59:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 05 11:06:18 2023
Response via : Initial Calibration

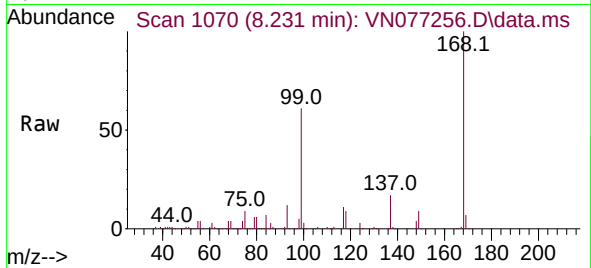
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = 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. 0.001 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

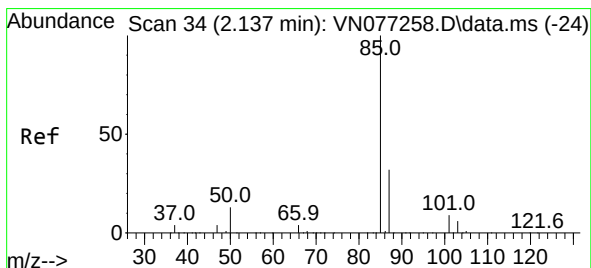
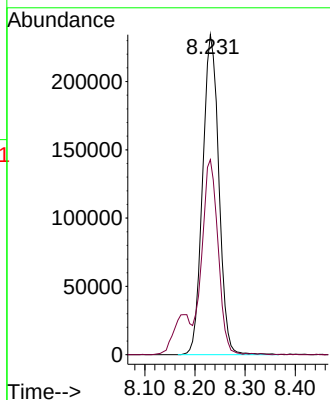
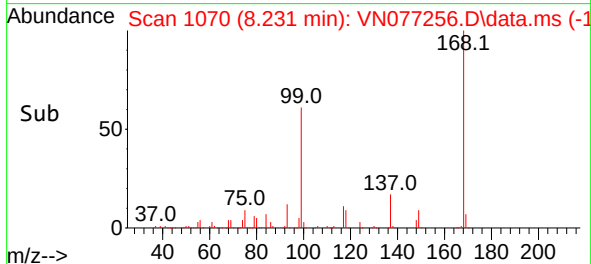
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:168 Resp: 526030
Ion Ratio Lower Upper
168 100
99 60.8 41.8 62.8

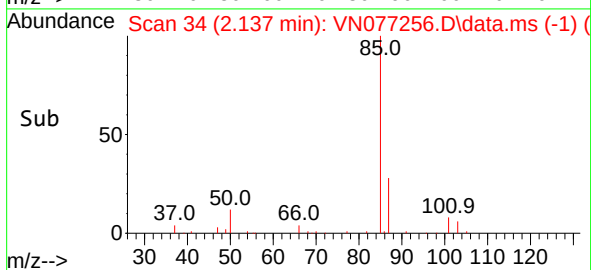
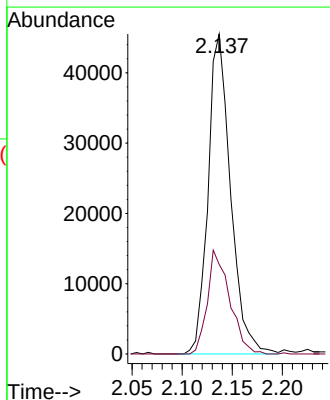
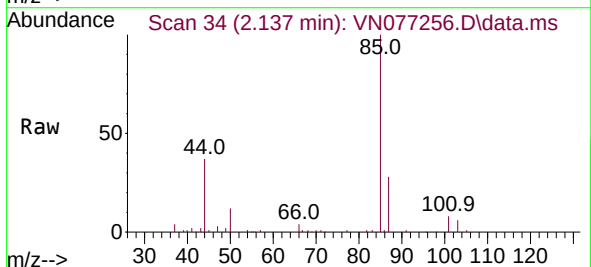
Manual Integrations
APPROVED

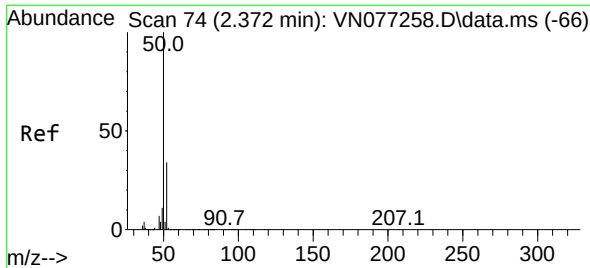
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#2
Dichlorodifluoromethane
Concen: 26.471 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

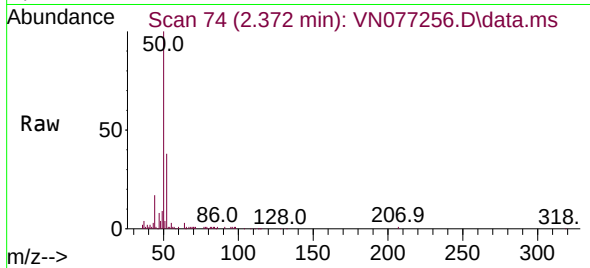
Tgt Ion: 85 Resp: 71158
Ion Ratio Lower Upper
85 100
87 28.0 16.3 48.8





#3
Chloromethane
Concen: 24.396 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

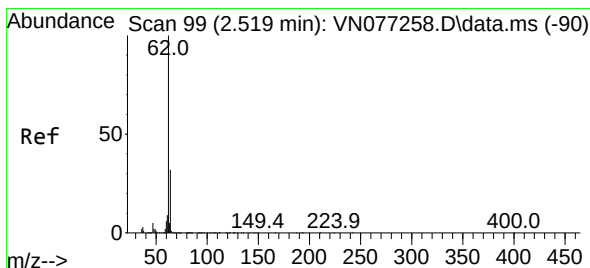
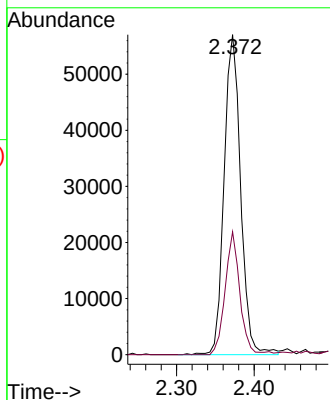
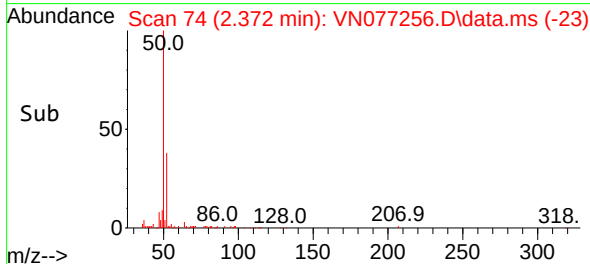
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



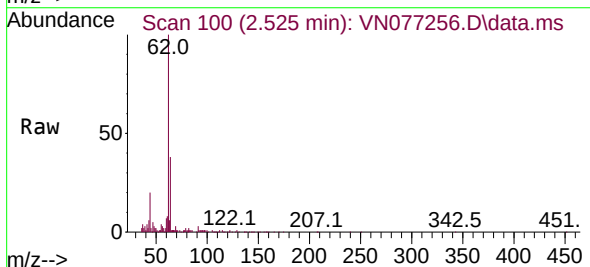
Tgt Ion: 50 Resp: 84629
Ion Ratio Lower Upper
50 100
52 38.4 26.9 40.3

Manual Integrations
APPROVED

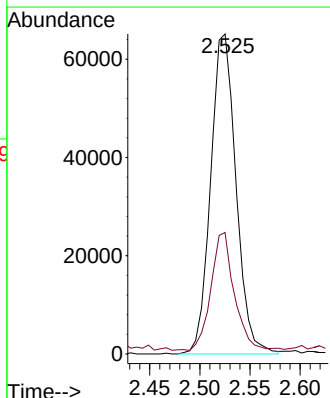
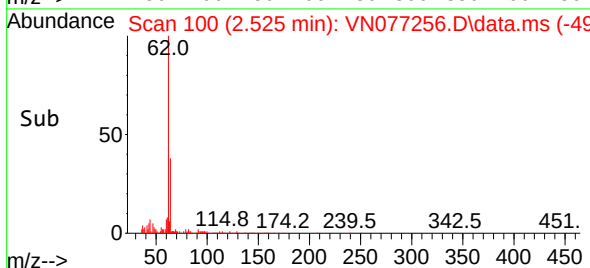
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

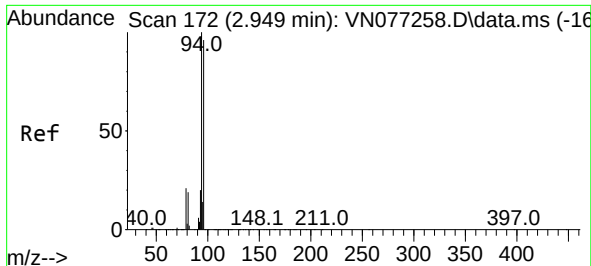


#4
Vinyl Chloride
Concen: 30.344 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39



Tgt Ion: 62 Resp: 114724
Ion Ratio Lower Upper
62 100
64 36.6 23.9 35.9





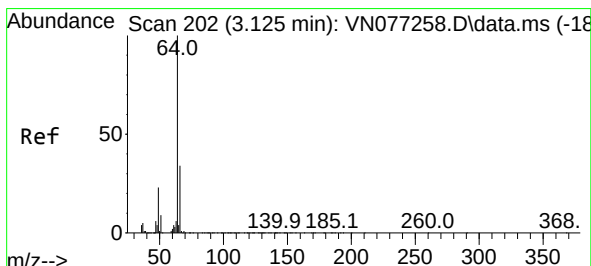
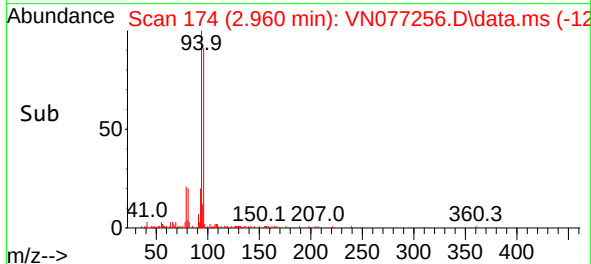
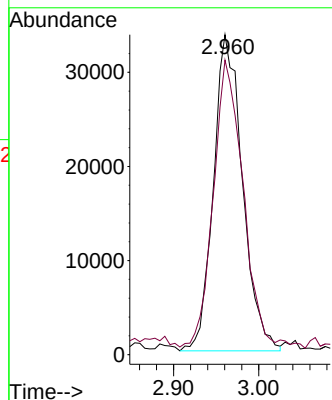
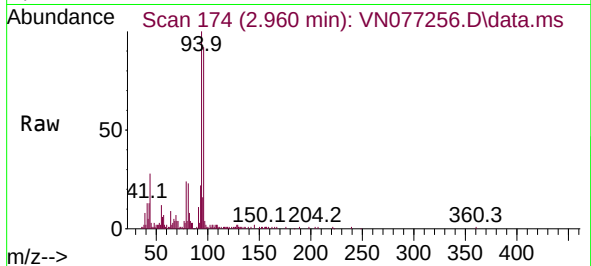
#5
Bromomethane
Concen: 29.288 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 94 Resp: 7961
Ion Ratio Lower Upper
94 100
96 90.7 78.1 117.1

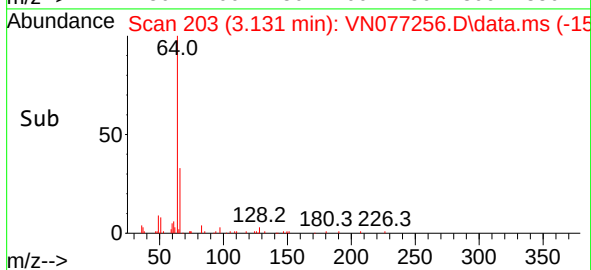
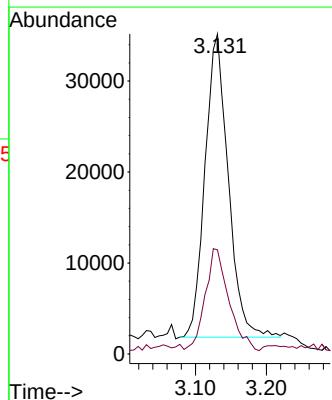
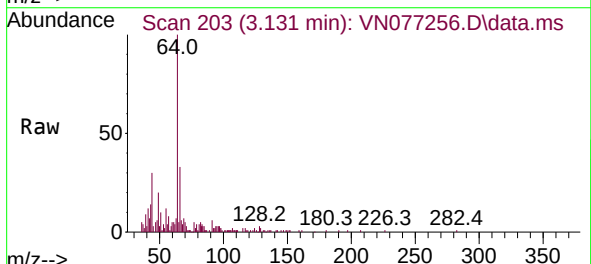
Manual Integrations
APPROVED

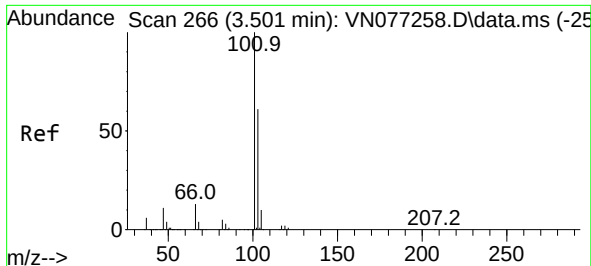
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#6
Chloroethane
Concen: 23.973 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 64 Resp: 75786
Ion Ratio Lower Upper
64 100
66 32.0 25.0 37.6





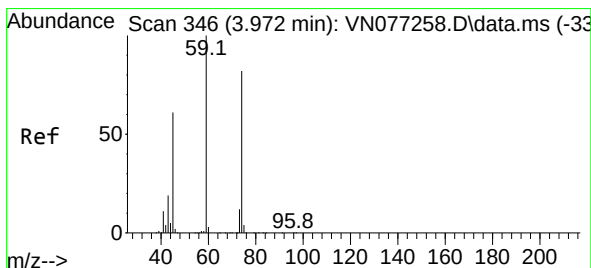
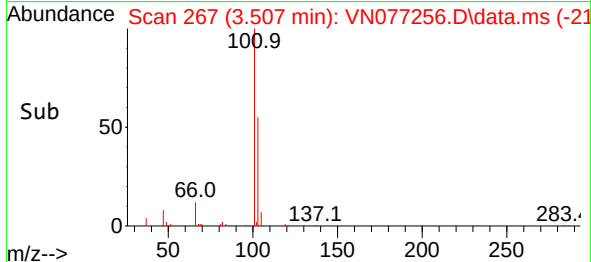
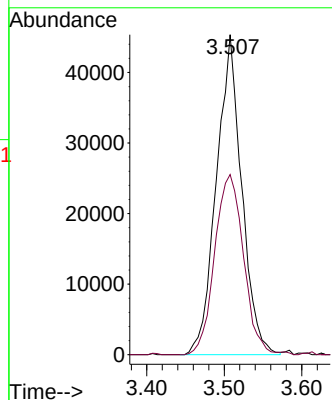
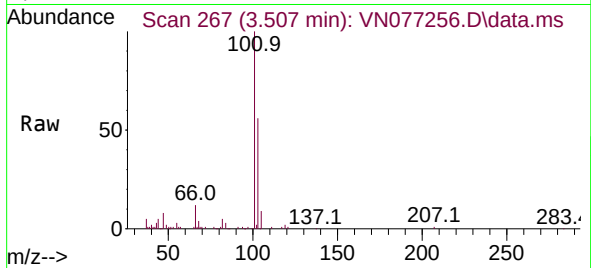
#7
Trichlorofluoromethane
Concen: 12.026 ug/l
RT: 3.507 min Scan# 266
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:101 Resp: 10300
Ion Ratio Lower Upper
101 100
103 56.3 51.4 77.2

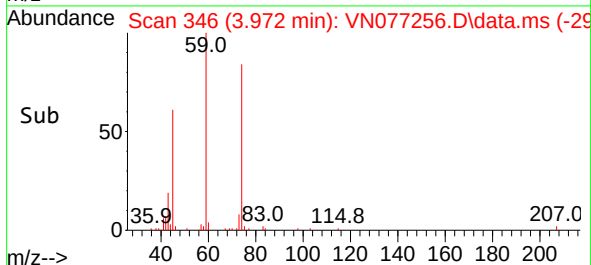
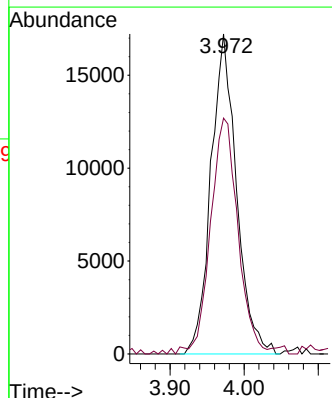
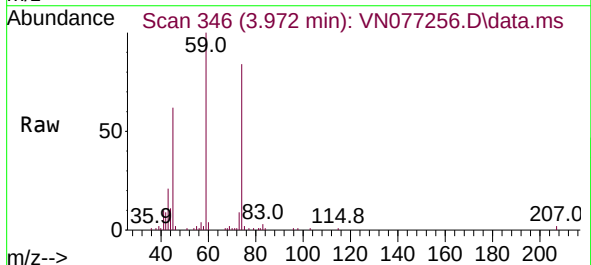
Manual Integrations
APPROVED

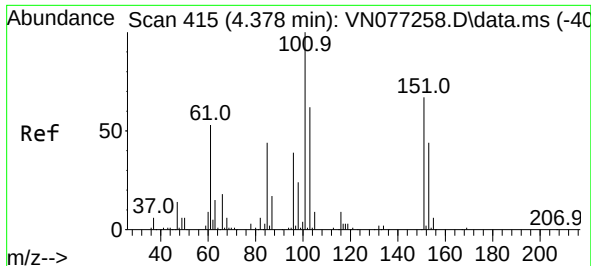
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#8
Diethyl Ether
Concen: 12.506 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 74 Resp: 41252
Ion Ratio Lower Upper
74 100
45 78.9 47.8 143.3





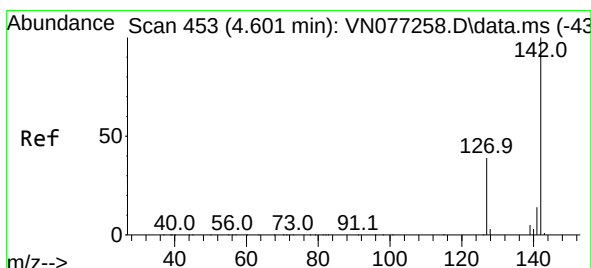
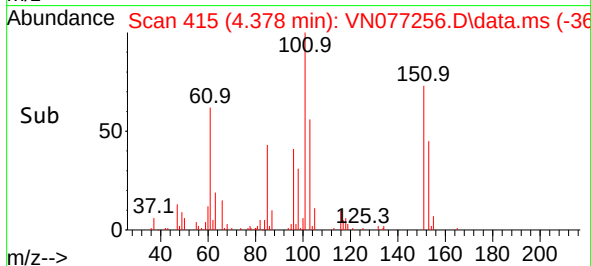
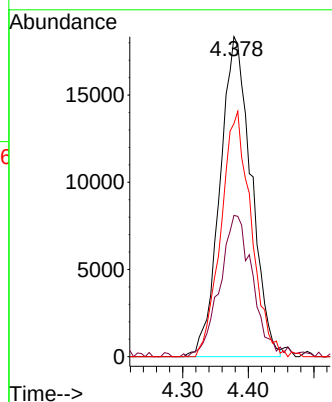
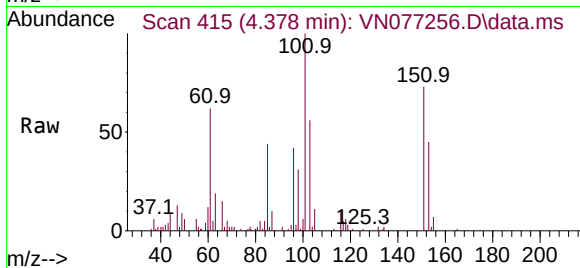
#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.874 ug/l
RT: 4.378 min Scan# 415
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 6072
Ion Ratio Lower Upper
101 100
85 46.8 33.5 50.3
151 73.8 65.3 97.9

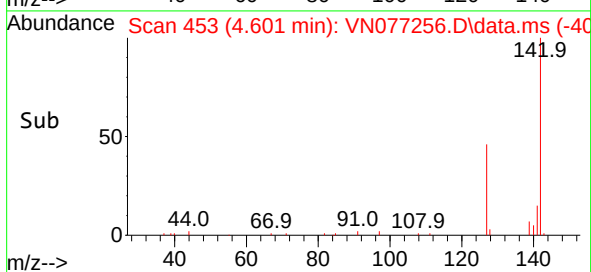
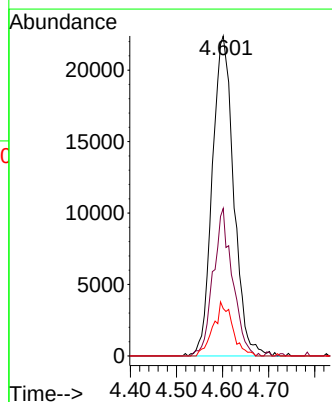
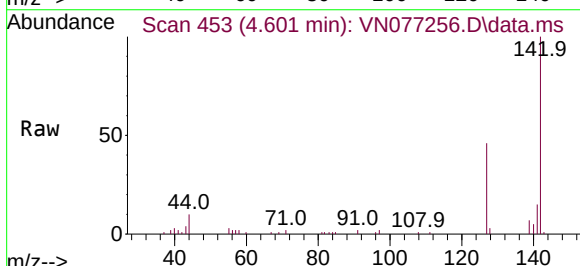
Manual Integrations
APPROVED

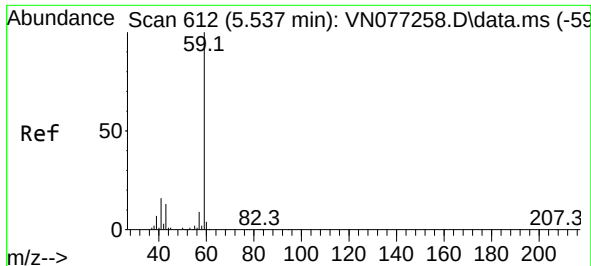
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#10
Methyl Iodide
Concen: 11.562 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

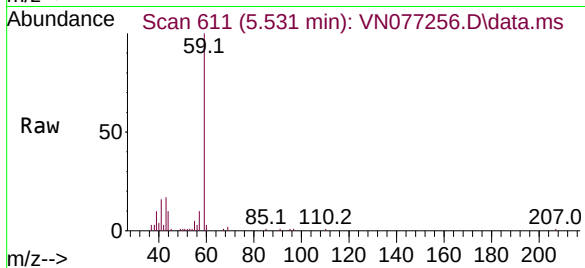
Tgt Ion:142 Resp: 72499
Ion Ratio Lower Upper
142 100
127 46.1 31.8 47.8
141 14.8 11.2 16.8





#11
Tert butyl alcohol
Concen: 79.999 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

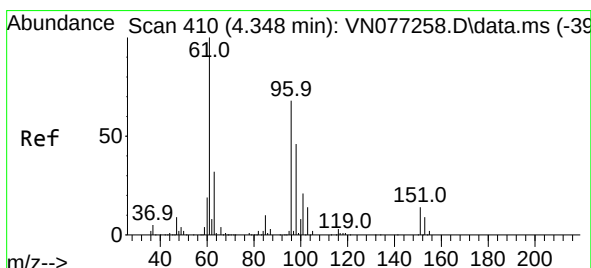
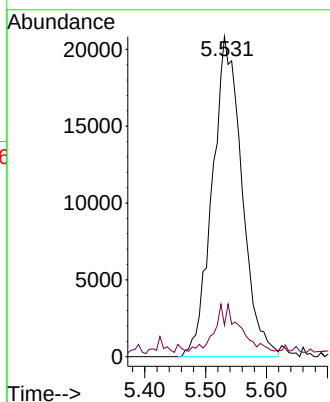
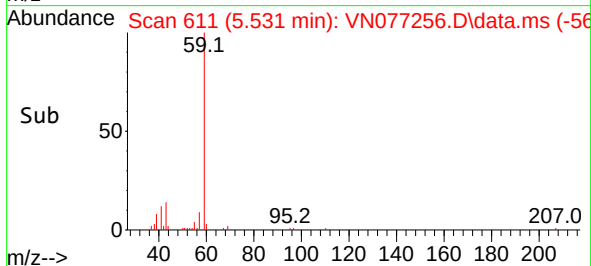
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 59 Resp: 7029
Ion Ratio Lower Upper
59 100
57 5.1 8.5 12.7

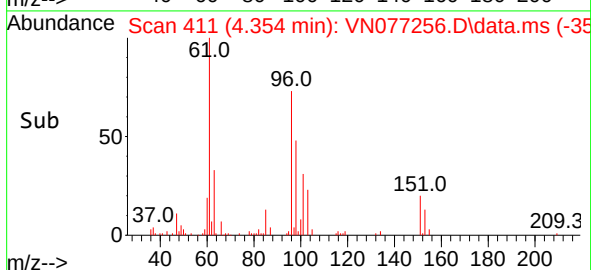
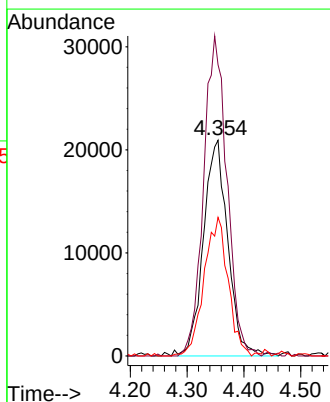
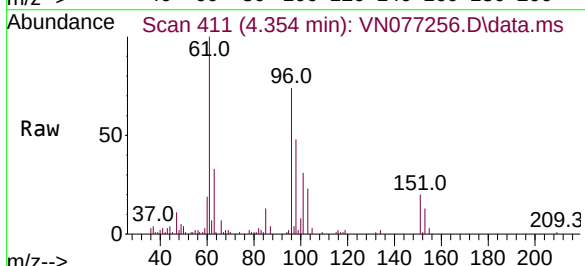
Manual Integrations
APPROVED

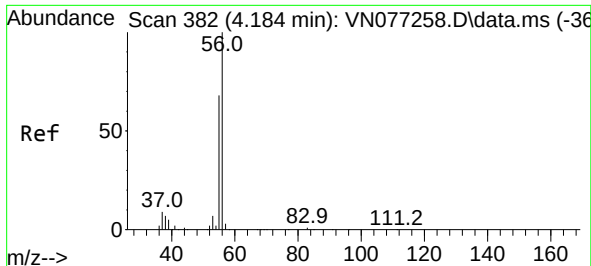
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#12
1,1-Dichloroethene
Concen: 13.141 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

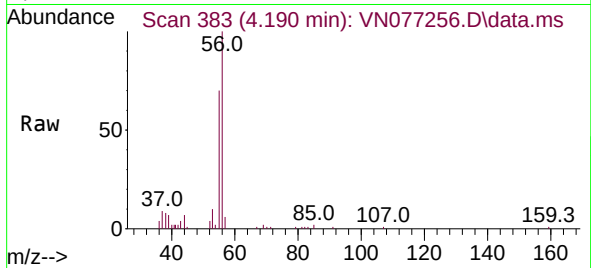
Tgt Ion: 96 Resp: 62139
Ion Ratio Lower Upper
96 100
61 135.1 126.4 189.6
98 63.4 50.8 76.2





#13
Acrolein
Concen: 71.876 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

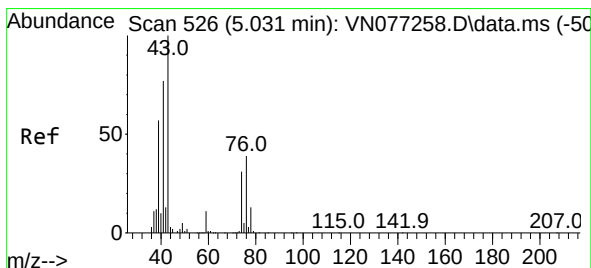
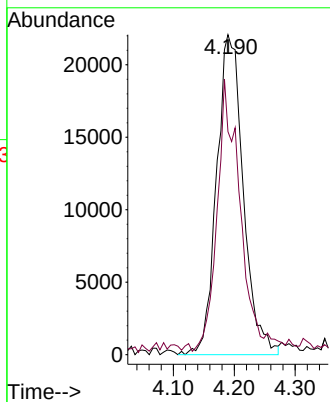
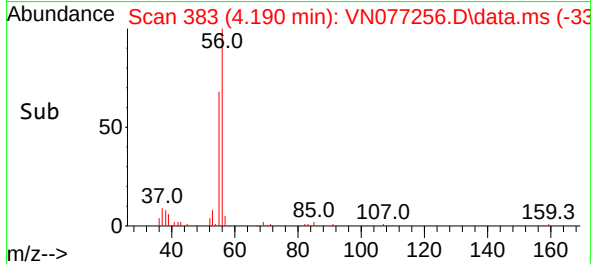
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 56 Resp: 67015
Ion Ratio Lower Upper
56 100
55 71.5 56.0 84.0

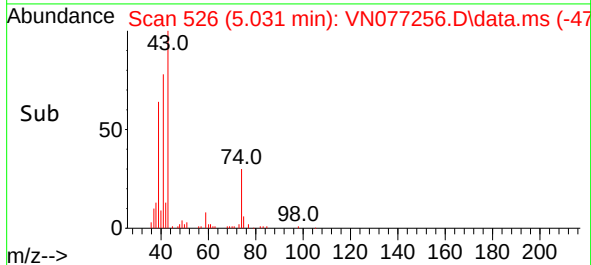
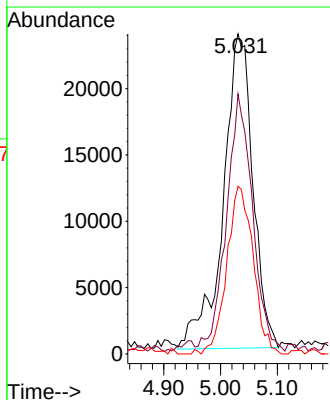
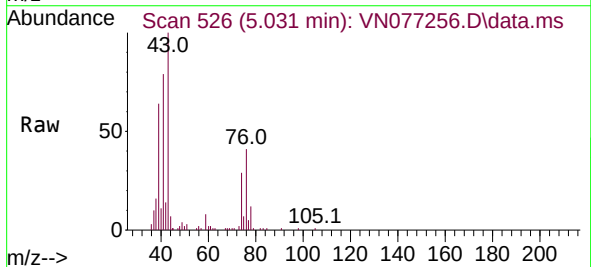
Manual Integrations
APPROVED

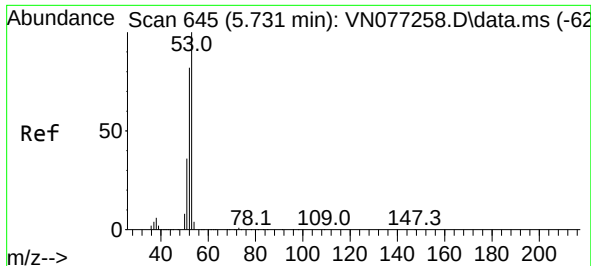
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#14
Allyl chloride
Concen: 10.514 ug/l
RT: 5.031 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

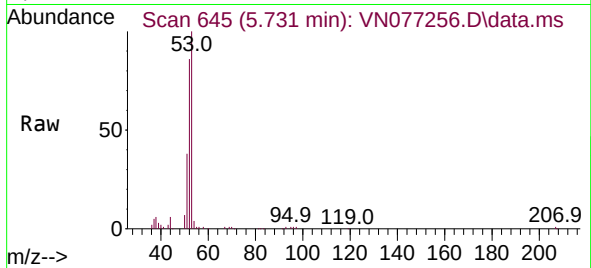
Tgt Ion: 41 Resp: 86170
Ion Ratio Lower Upper
41 100
39 72.0 46.8 70.2#
76 47.1 27.3 40.9#





#15
Acrylonitrile
Concen: 54.085 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

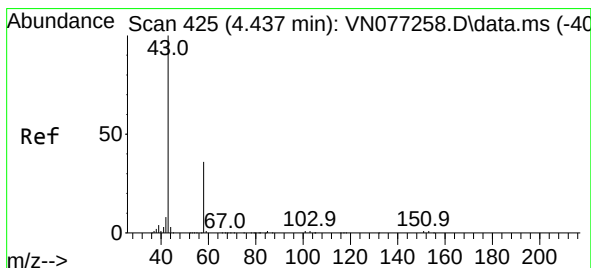
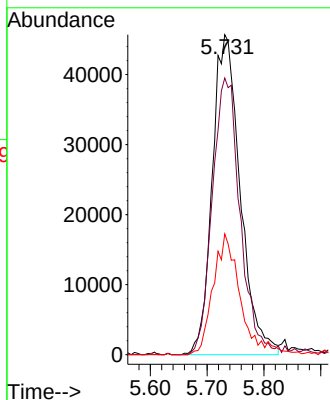
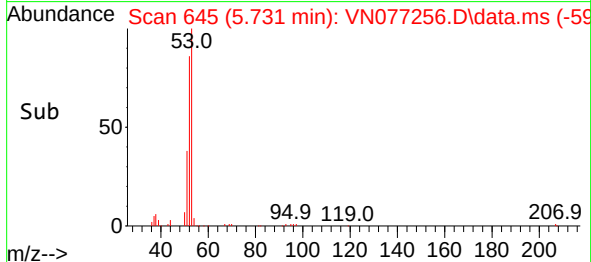
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



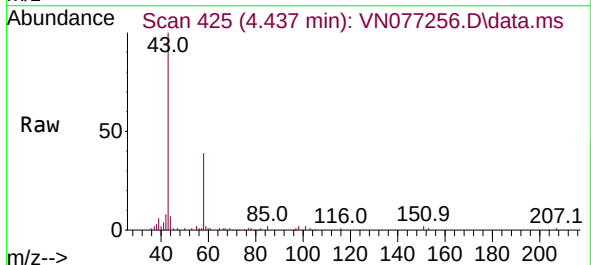
Tgt Ion: 53 Resp: 15626
Ion Ratio Lower Upper
53 100
52 85.5 65.8 98.6
51 34.9 28.2 42.2

Manual Integrations
APPROVED

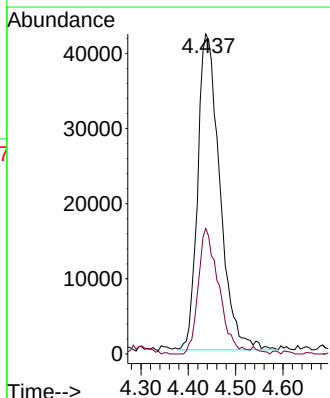
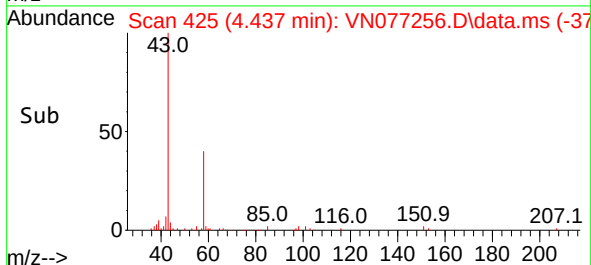
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

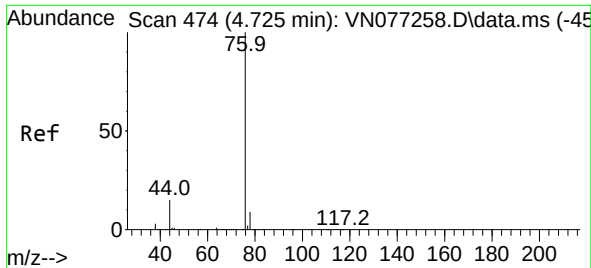


#16
Acetone
Concen: 50.660 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39



Tgt Ion: 43 Resp: 136409
Ion Ratio Lower Upper
43 100
58 39.7 28.2 42.4





#17

Carbon Disulfide

Concen: 13.259 ug/l

RT: 4.719 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 76 Resp: 16692

Ion Ratio Lower Upper

76 100

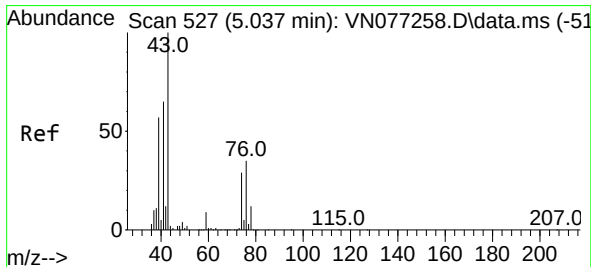
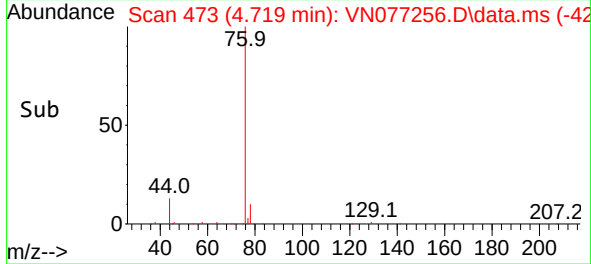
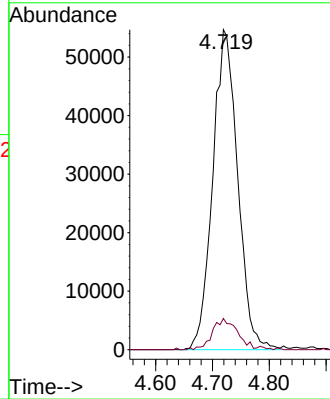
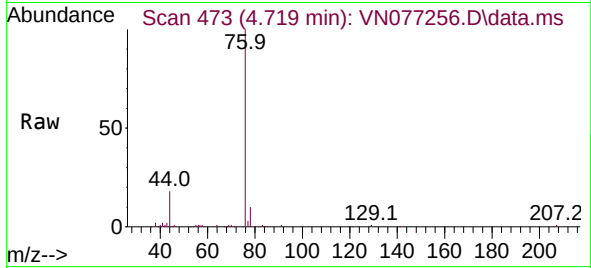
78 9.8 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#18

Methyl Acetate

Concen: 10.083 ug/l

RT: 5.031 min Scan# 526

Delta R.T. 0.000 min

Lab File: VN077256.D

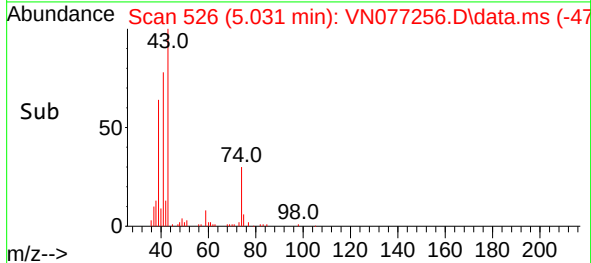
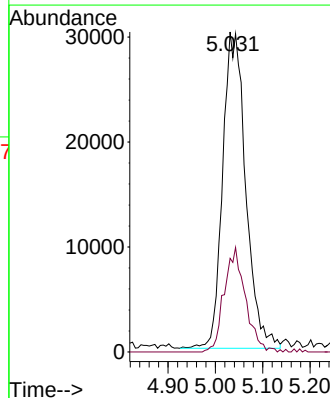
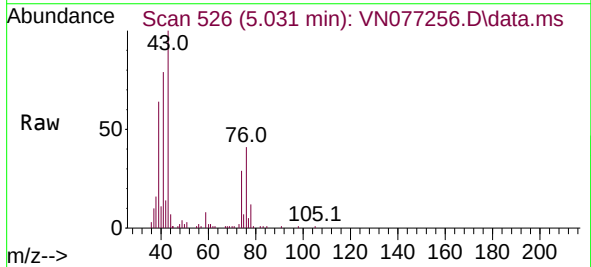
Acq: 05 Apr 2023 11:39

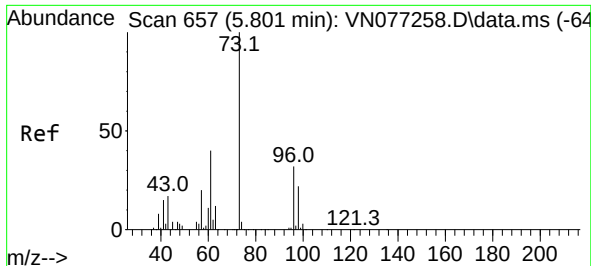
Tgt Ion: 43 Resp: 102106

Ion Ratio Lower Upper

43 100

74 30.3 19.6 29.4#





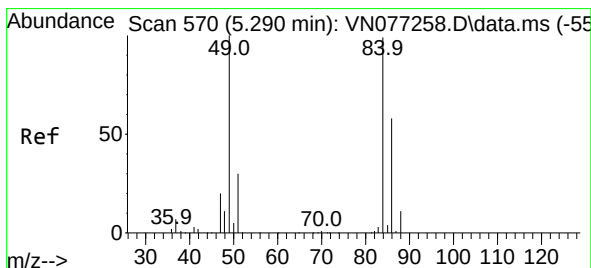
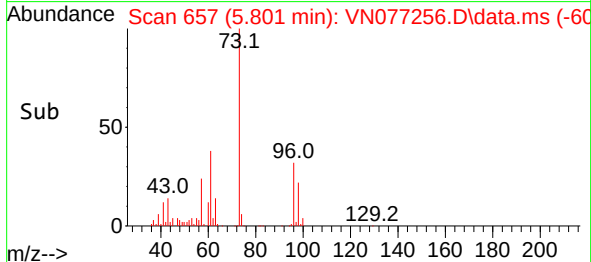
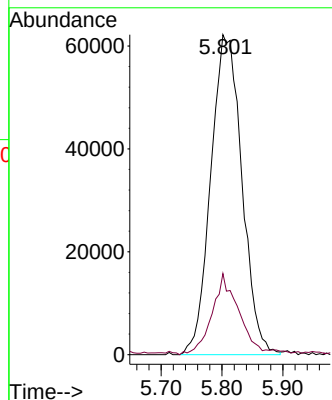
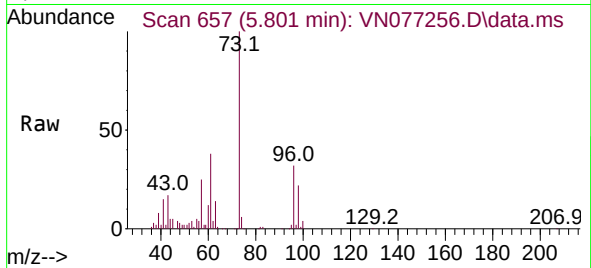
#19
Methyl tert-butyl Ether
Concen: 13.972 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 221090
Ion Ratio Lower Upper
73 100
57 25.4 18.7 28.1

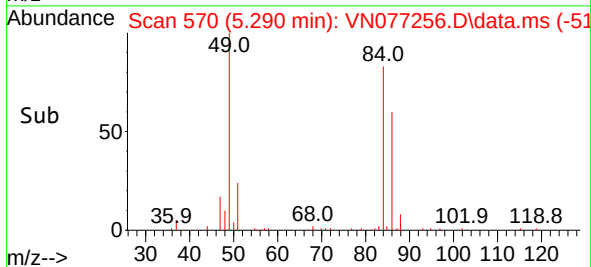
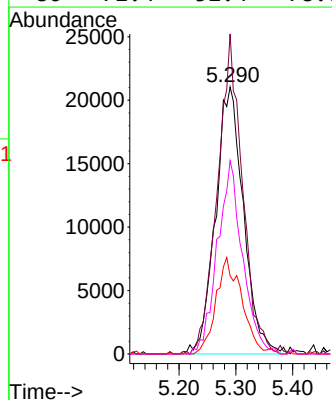
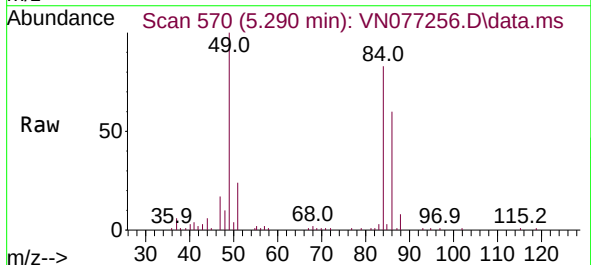
Manual Integrations
APPROVED

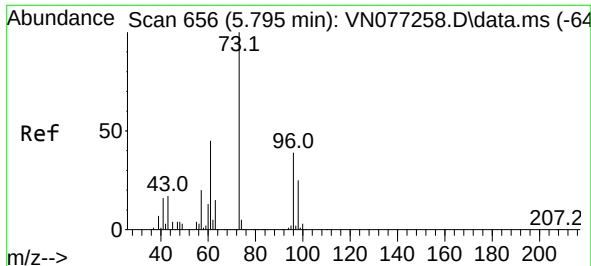
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#20
Methylene Chloride
Concen: 11.920 ug/l
RT: 5.290 min Scan# 570
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

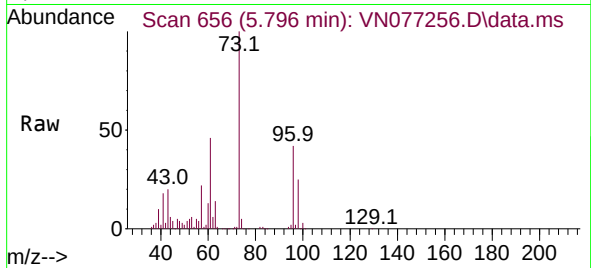
Tgt Ion: 84 Resp: 71850
Ion Ratio Lower Upper
84 100
49 119.8 97.8 146.8
51 29.3 29.8 44.8#
86 72.4 52.4 78.6





#21
trans-1,2-Dichloroethene
Concen: 13.122 ug/l
RT: 5.796 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

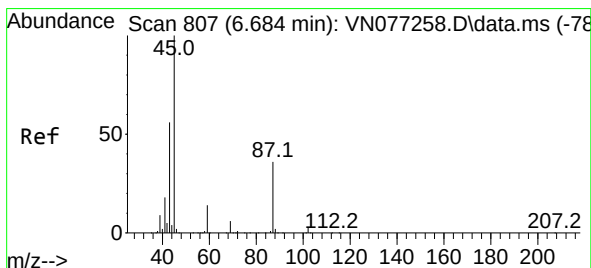
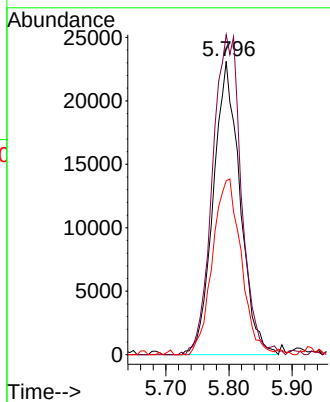
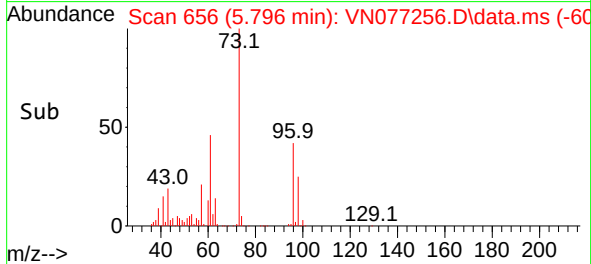
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 6785
Ion Ratio Lower Upper
96 100
61 109.1 109.7 164.5
98 59.3 50.4 75.6

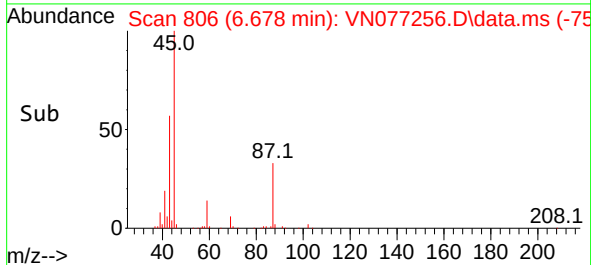
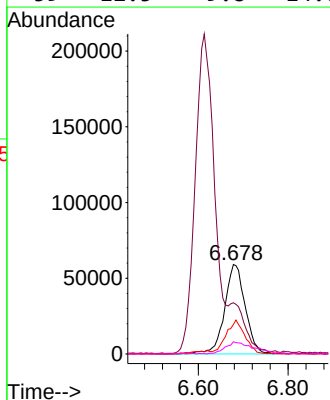
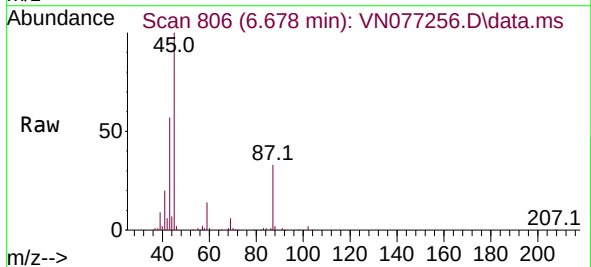
Manual Integrations
APPROVED

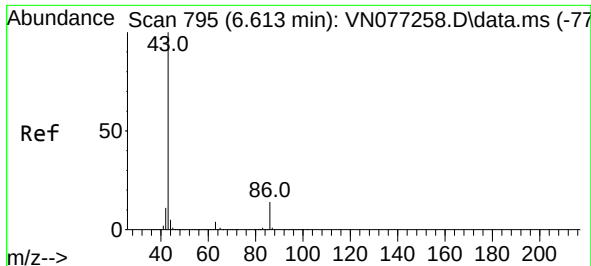
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#22
Diisopropyl ether
Concen: 10.863 ug/l
RT: 6.678 min Scan# 806
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

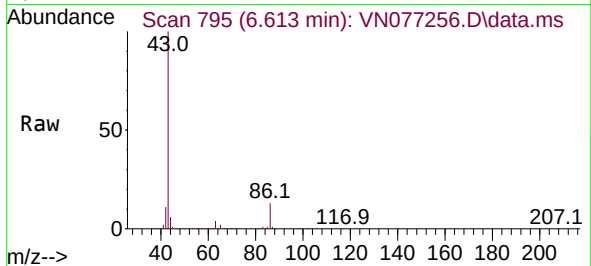
Tgt Ion: 45 Resp: 188287
Ion Ratio Lower Upper
45 100
43 55.4 39.6 59.4
87 32.7 21.0 31.4#
59 12.5 9.8 14.6





#23
 Vinyl Acetate
 Concen: 60.664 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.006 min
 Lab File: VN077256.D
 Acq: 05 Apr 2023 11:39

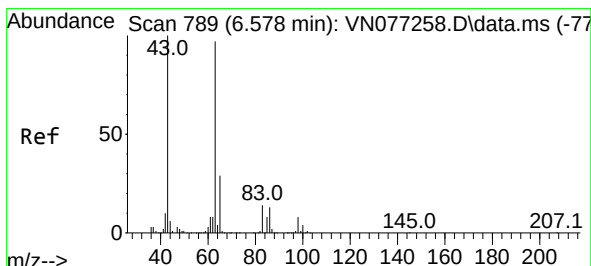
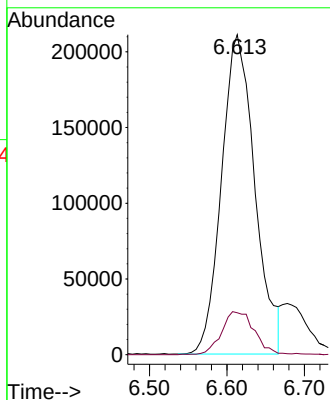
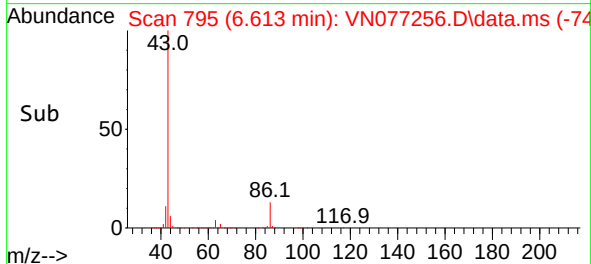
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



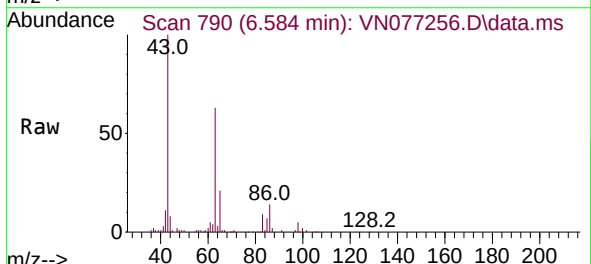
Tgt Ion: 43 Resp: 63098
 Ion Ratio Lower Upper
 43 100
 86 13.1 9.0 13.4

Manual Integrations
 APPROVED

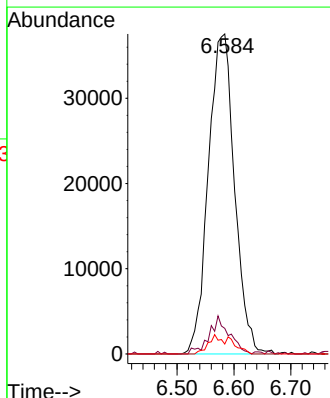
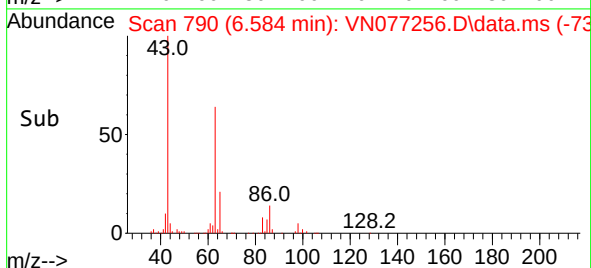
Reviewed By :John Carlone 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023

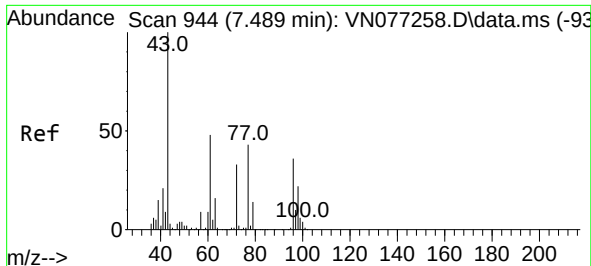


#24
 1,1-Dichloroethane
 Concen: 11.824 ug/l
 RT: 6.584 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN077256.D
 Acq: 05 Apr 2023 11:39



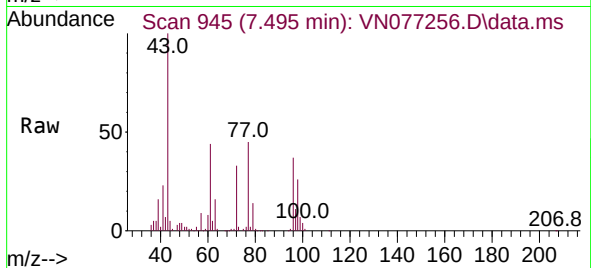
Tgt Ion: 63 Resp: 120389
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.5
 100 3.1 2.4 7.1





#25
2-Butanone
Concen: 54.998 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

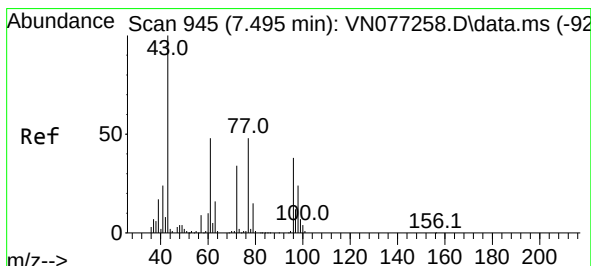
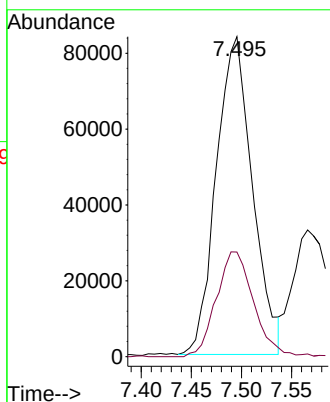
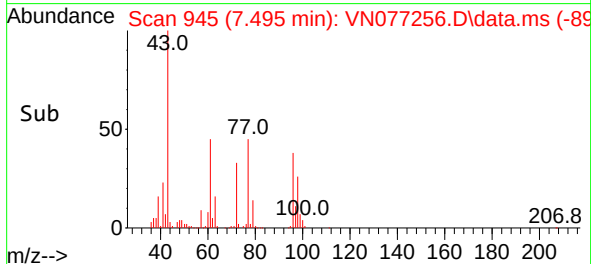
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



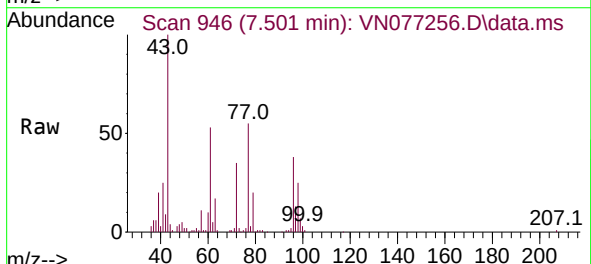
Tgt Ion: 43 Resp: 210510
Ion Ratio Lower Upper
43 100
72 33.0 22.2 33.2

Manual Integrations
APPROVED

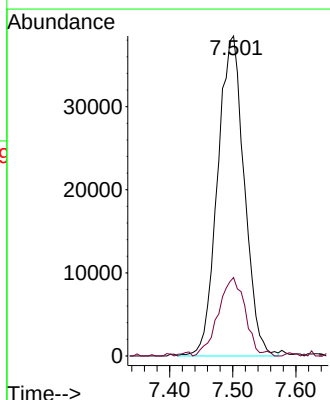
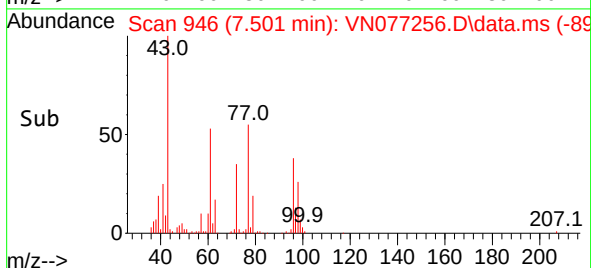
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

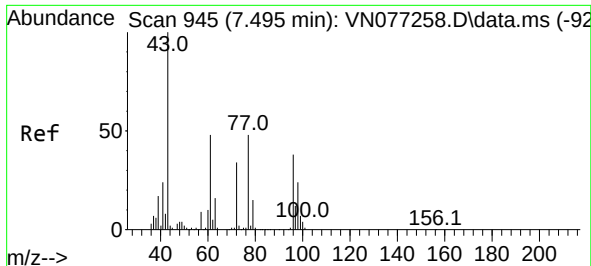


#26
2,2-Dichloropropane
Concen: 15.012 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39



Tgt Ion: 77 Resp: 113084
Ion Ratio Lower Upper
77 100
97 24.8 11.6 34.7





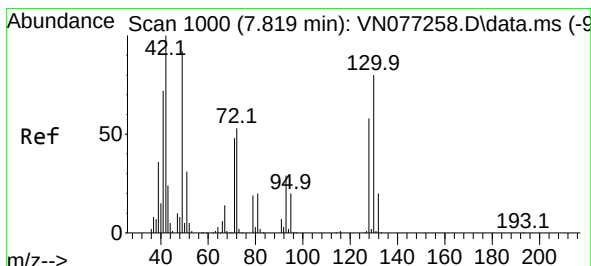
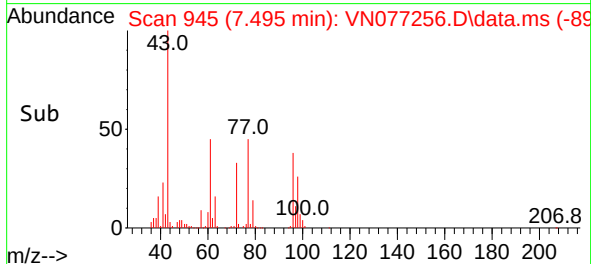
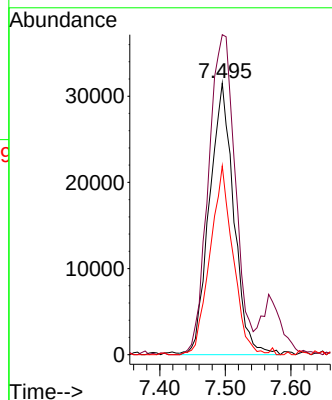
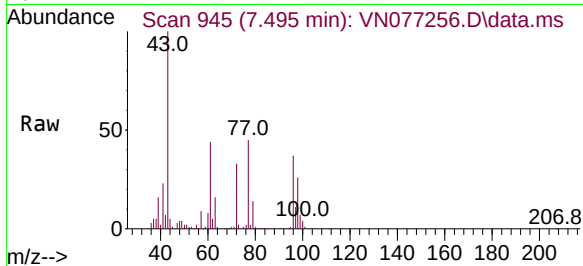
#27
 cis-1,2-Dichloroethene
 Concen: 13.179 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.006 min
 Lab File: VN077256.D
 Acq: 05 Apr 2023 11:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Tgt Ion: 96 Resp: 8149
 Ion Ratio Lower Upper
 96 100
 61 129.5 0.0 286.0
 98 65.2 0.0 127.8

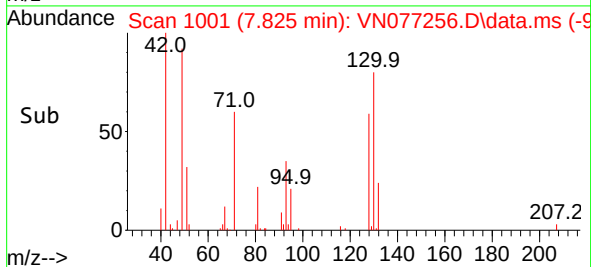
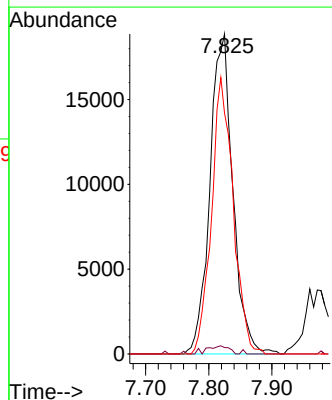
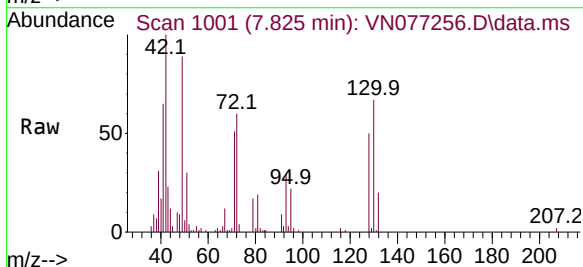
Manual Integrations
 APPROVED

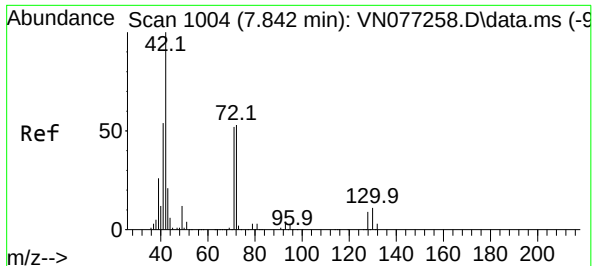
Reviewed By :John Carlone 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023



#28
 Bromochloromethane
 Concen: 10.711 ug/l
 RT: 7.825 min Scan# 1001
 Delta R.T. 0.012 min
 Lab File: VN077256.D
 Acq: 05 Apr 2023 11:39

Tgt Ion: 49 Resp: 47591
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.0
 130 81.4 63.9 95.9





#29

Tetrahydrofuran

Concen: 56.133 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 42 Resp: 13508

Ion Ratio Lower Upper

42 100

72 56.7 35.6 53.4

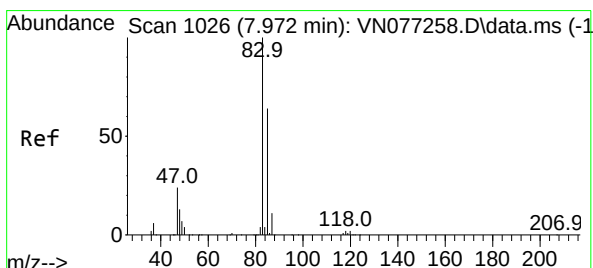
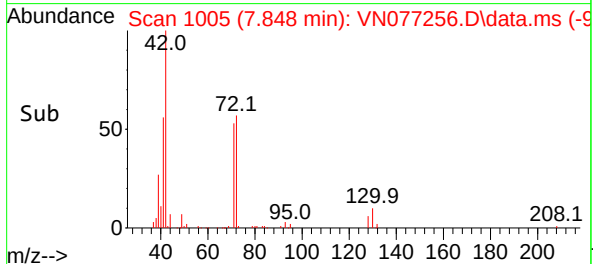
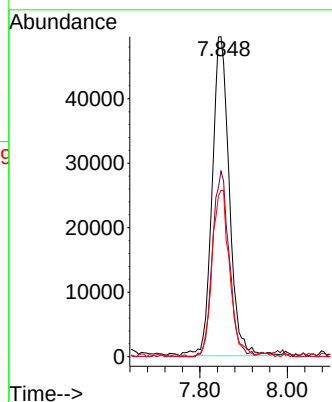
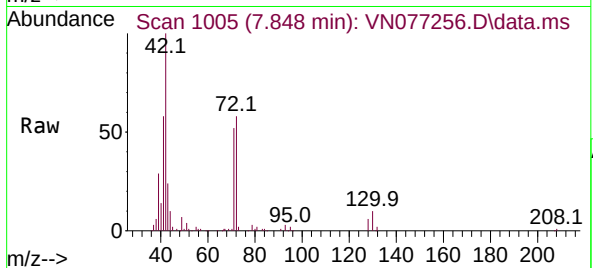
71 53.2 33.2 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#30

Chloroform

Concen: 12.898 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VN077256.D

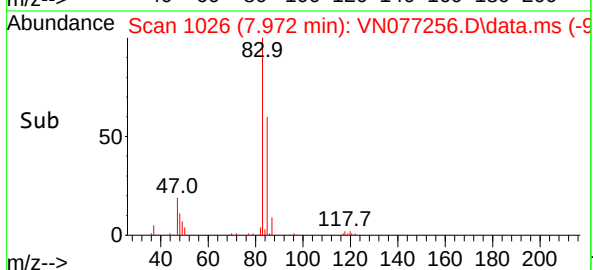
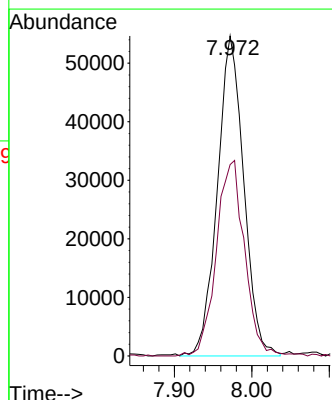
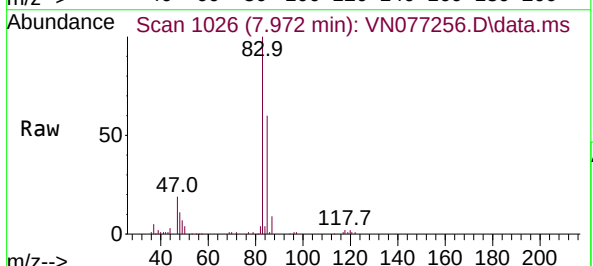
Acq: 05 Apr 2023 11:39

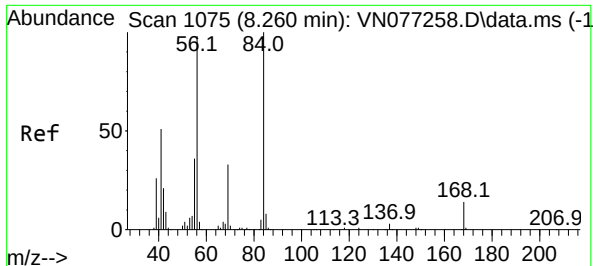
Tgt Ion: 83 Resp: 129362

Ion Ratio Lower Upper

83 100

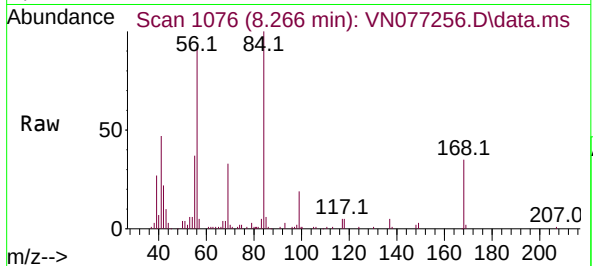
85 59.5 51.4 77.0





#31
Cyclohexane
Concen: 11.834 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

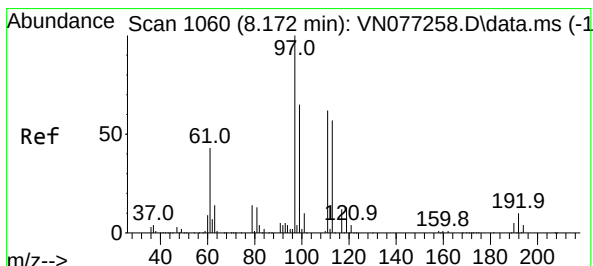
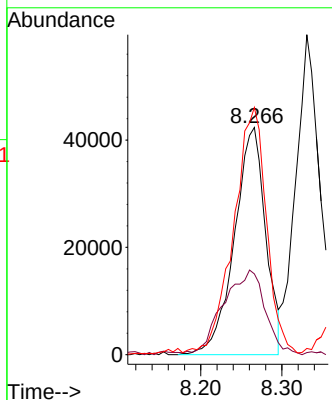
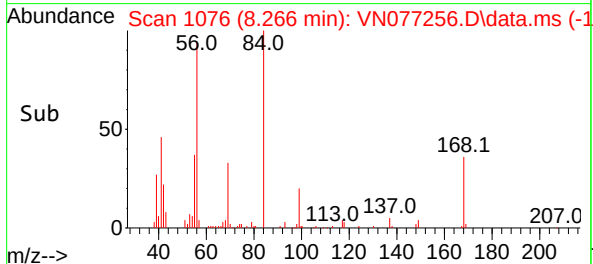
Instrument :
MSVOA_N
Client Sample Id :
VSTDICC010



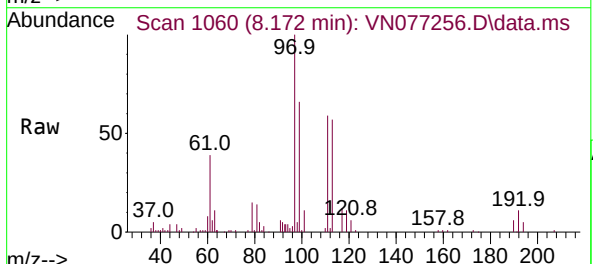
Tgt Ion: 56 Resp: 113040
Ion Ratio Lower Upper
56 100
69 34.6 25.1 37.7
84 106.1 69.0 103.4

Manual Integrations
APPROVED

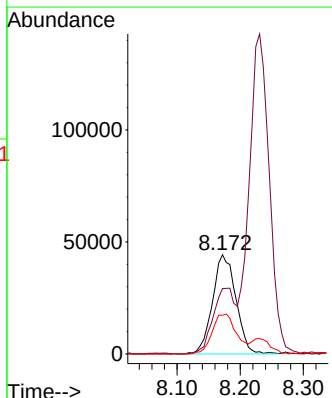
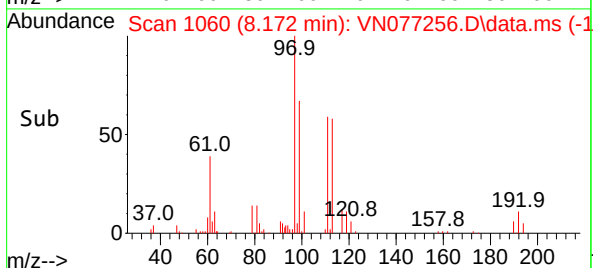
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

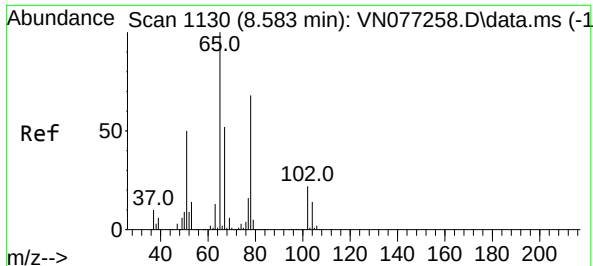


#32
1,1,1-Trichloroethane
Concen: 13.480 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39



Tgt Ion: 97 Resp: 114055
Ion Ratio Lower Upper
97 100
99 64.0 51.8 77.8
61 41.9 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 12.931 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 65 Resp: 70028

Ion Ratio Lower Upper

65 100

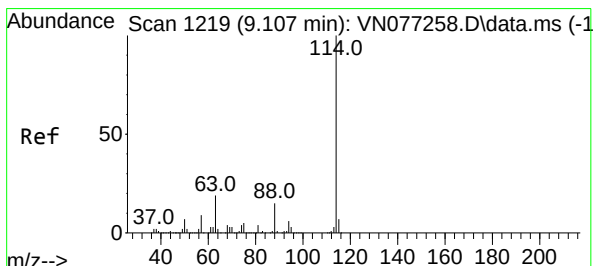
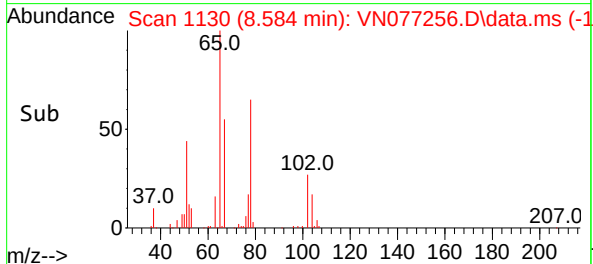
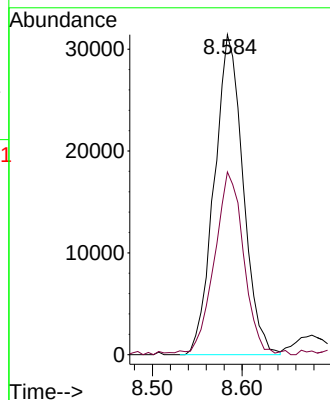
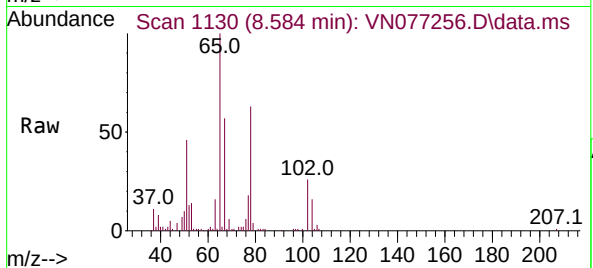
67 58.6 0.0 109.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

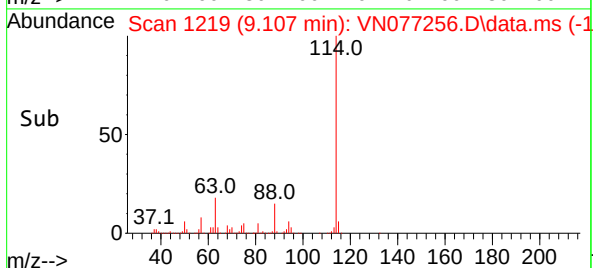
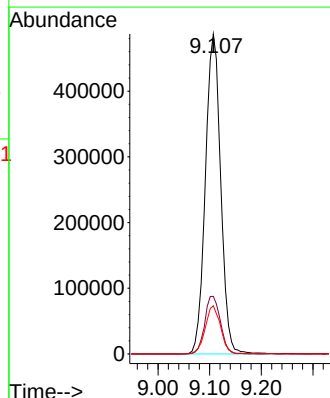
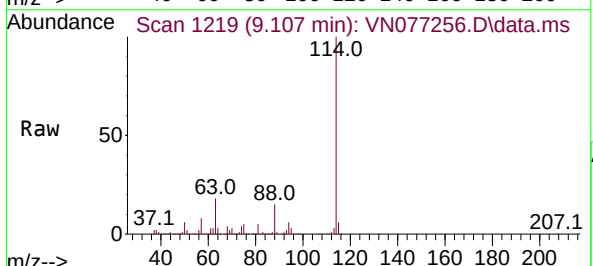
Tgt Ion:114 Resp: 1002197

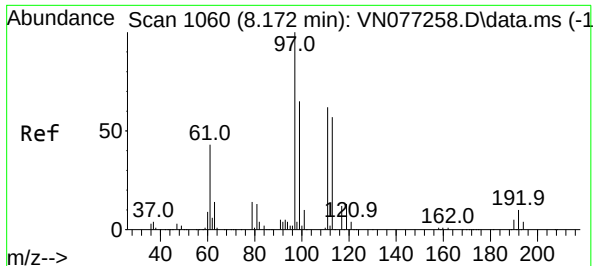
Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.2

88 15.0 0.0 29.8





#35

Dibromofluoromethane

Concen: 10.122 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

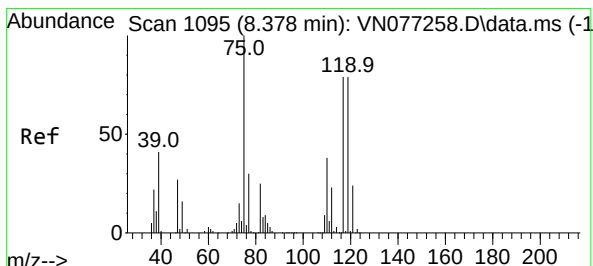
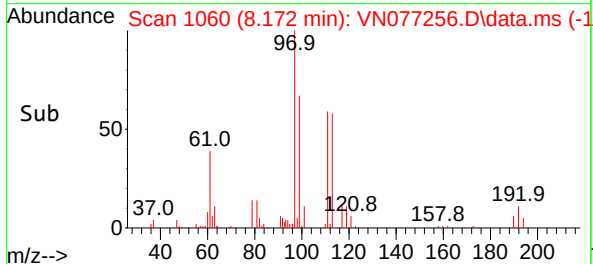
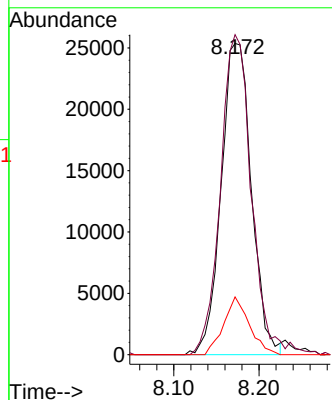
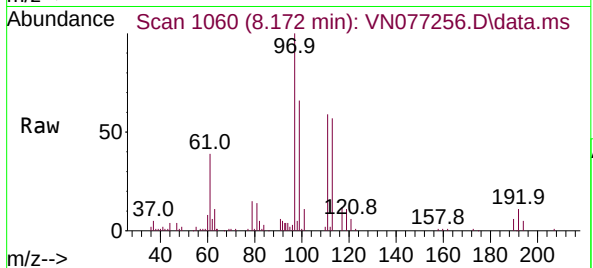
Tgt Ion:	113	Resp:	62600
Ion	Ratio	Lower	Upper
113	100		
111	105.3	82.2	123.2
192	15.7	18.5	27.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#36

1,1-Dichloropropene

Concen: 10.417 ug/l

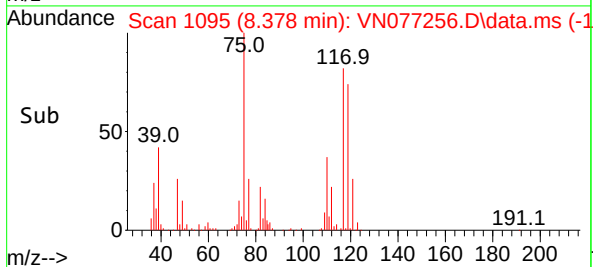
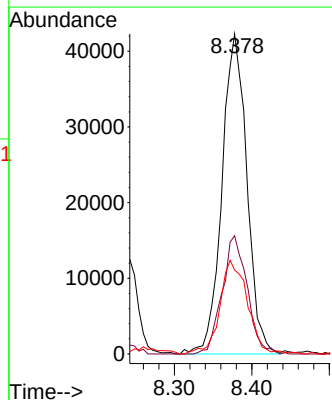
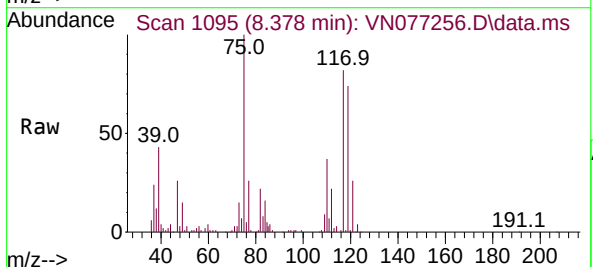
RT: 8.378 min Scan# 1095

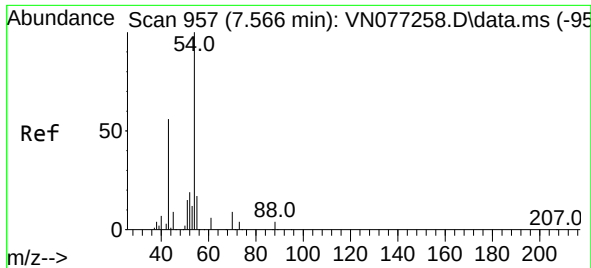
Delta R.T. 0.000 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Tgt Ion:	75	Resp:	94576
Ion	Ratio	Lower	Upper
75	100		
110	37.1	17.6	52.9
77	32.5	24.4	36.6





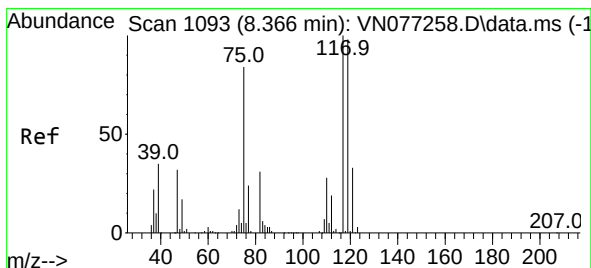
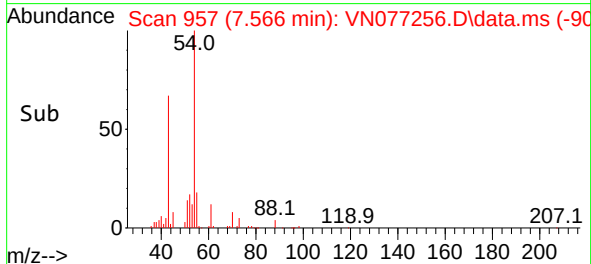
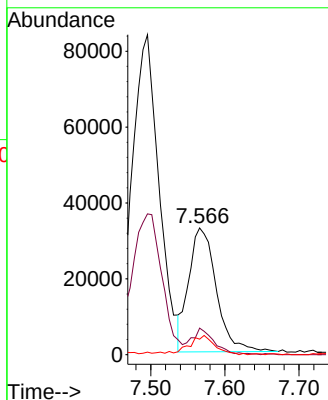
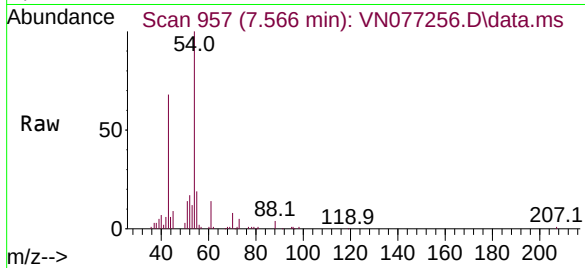
#37
Ethyl Acetate
Concen: 9.291 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 8463
Ion Ratio Lower Upper
43 100
61 17.8 10.9 16.3
70 14.4 8.8 13.2

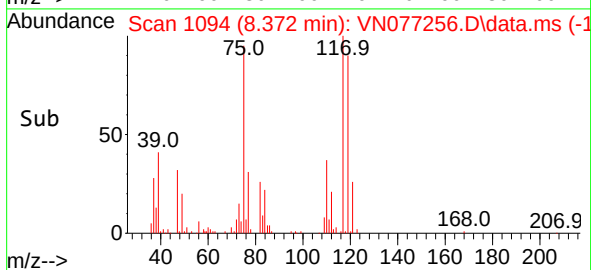
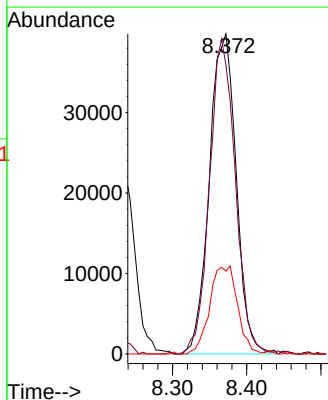
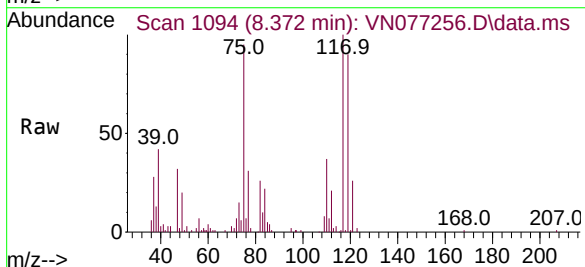
Manual Integrations
APPROVED

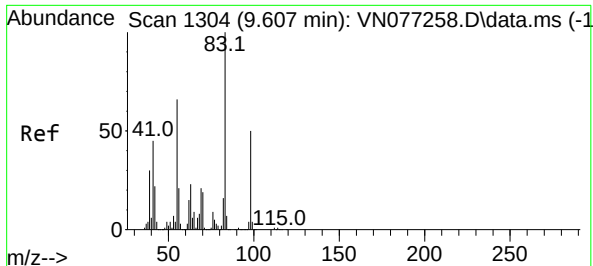
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#38
Carbon Tetrachloride
Concen: 10.732 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion:117 Resp: 99909
Ion Ratio Lower Upper
117 100
119 90.4 76.5 114.7
121 25.9 23.8 35.8





#39

Methylcyclohexane

Concen: 11.606 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. 0.006 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 83 Resp: 12923

Ion Ratio Lower Upper

83 100

55 59.6 59.7 89.5

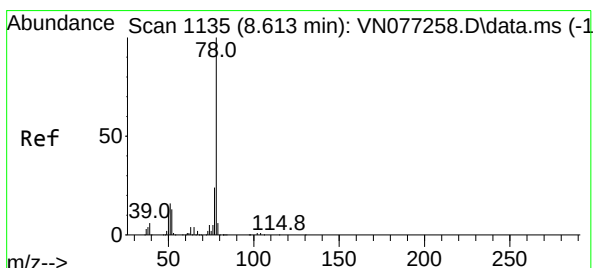
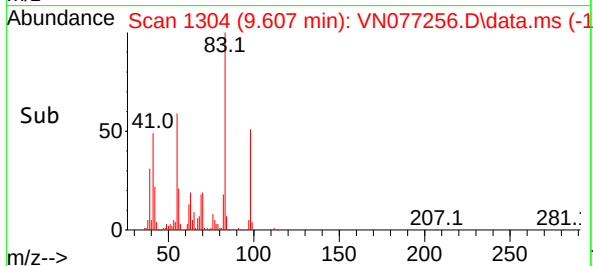
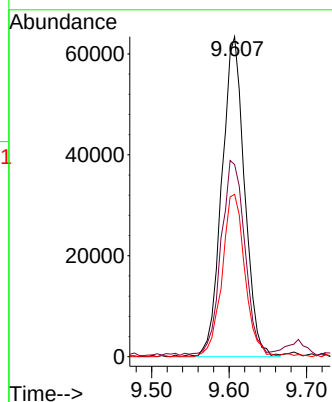
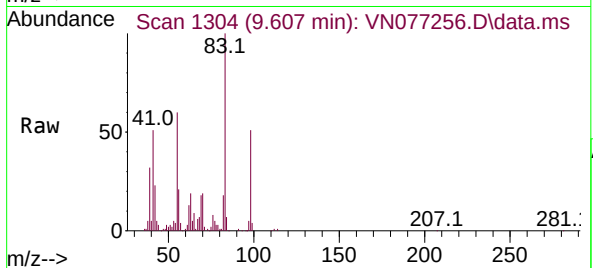
98 50.7 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#40

Benzene

Concen: 10.396 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VN077256.D

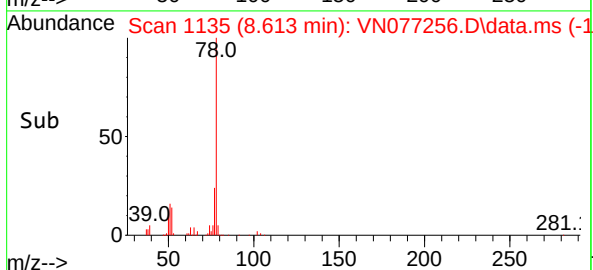
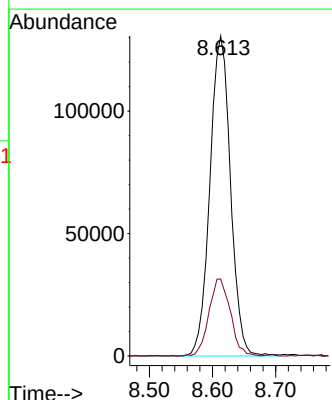
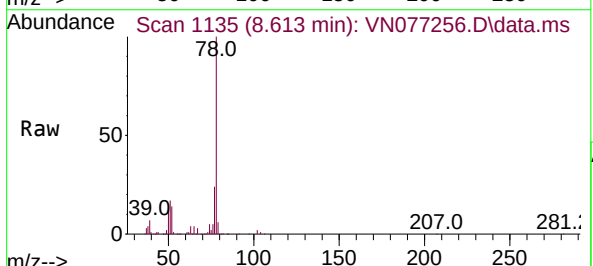
Acq: 05 Apr 2023 11:39

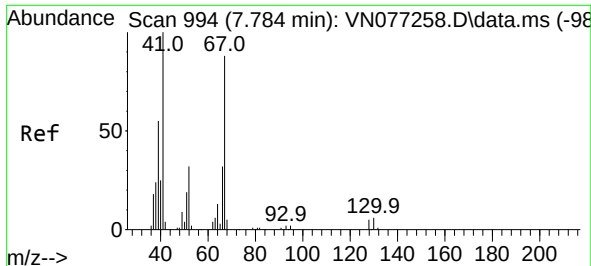
Tgt Ion: 78 Resp: 296326

Ion Ratio Lower Upper

78 100

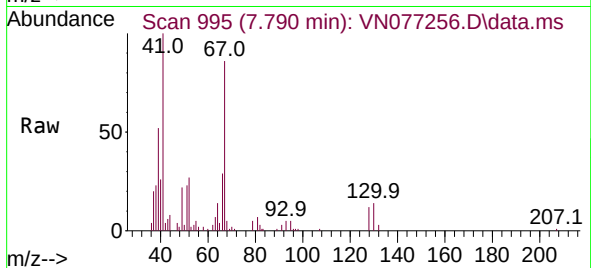
77 24.0 18.7 28.1





#41
Methacrylonitrile
Concen: 8.756 ug/l
RT: 7.790 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

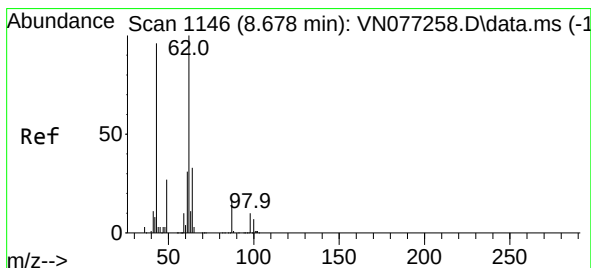
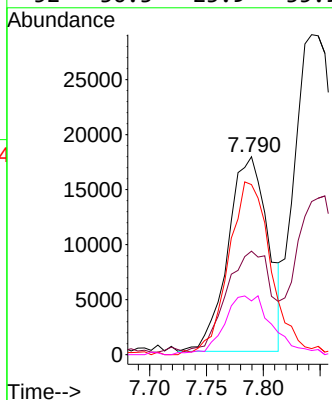
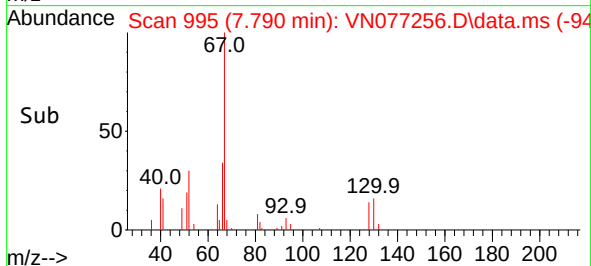
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 41 Resp: 43594
Ion Ratio Lower Upper
41 100
39 56.8 44.0 66.0
67 94.3 60.7 91.1
52 36.3 23.9 35.9#

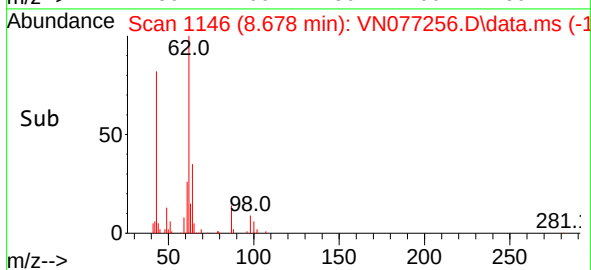
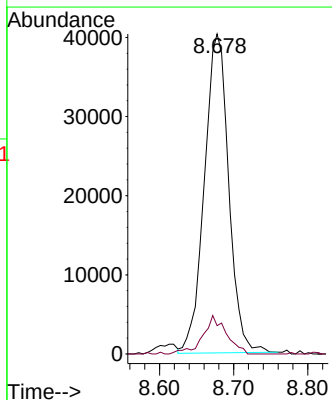
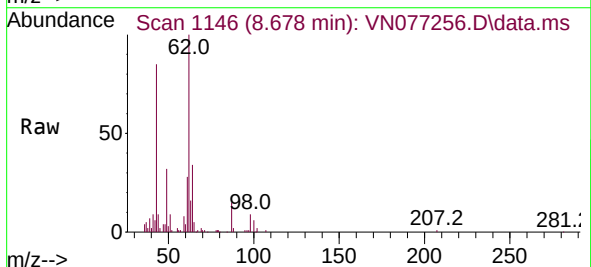
Manual Integrations
APPROVED

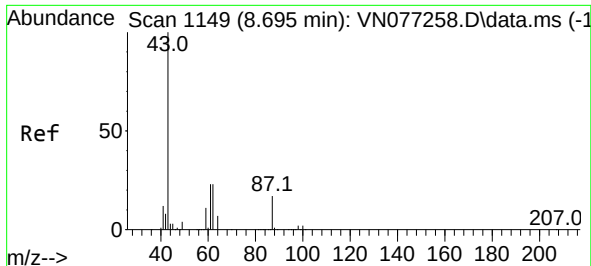
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#42
1,2-Dichloroethane
Concen: 9.856 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

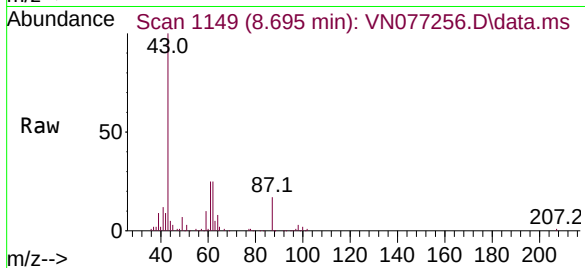
Tgt Ion: 62 Resp: 91929
Ion Ratio Lower Upper
62 100
98 11.6 0.0 20.8





#43
Isopropyl Acetate
Concen: 11.030 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

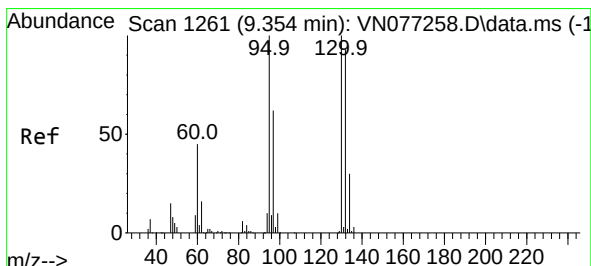
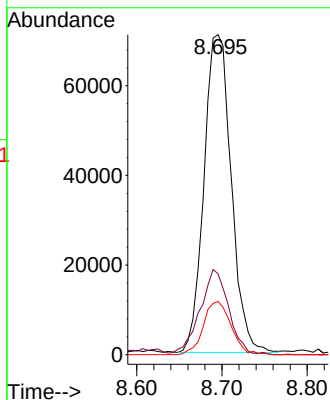
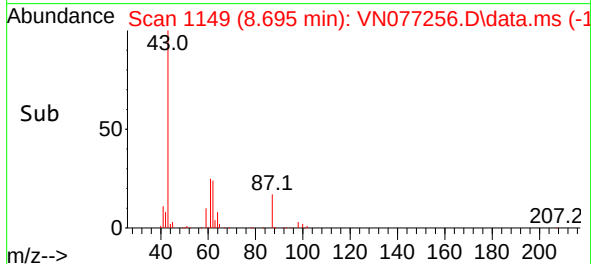
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 157610
Ion Ratio Lower Upper
43 100
61 28.3 22.2 33.2
87 17.0 11.3 16.9

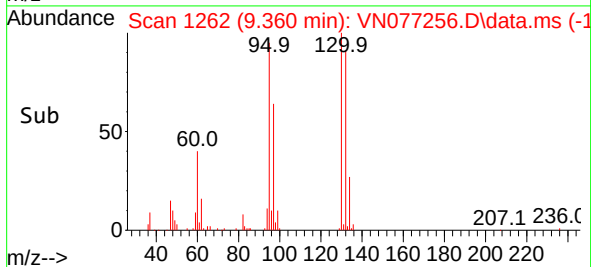
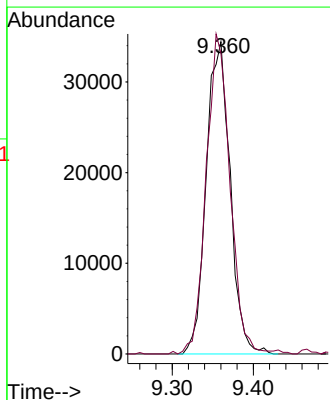
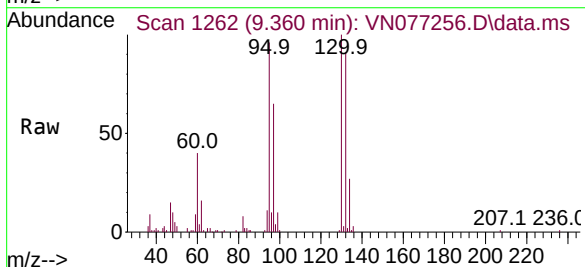
Manual Integrations
APPROVED

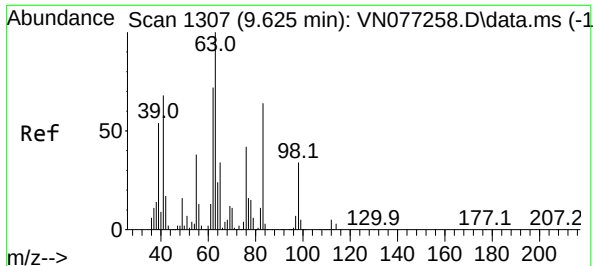
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#44
Trichloroethene
Concen: 9.559 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion:130 Resp: 70502
Ion Ratio Lower Upper
130 100
95 96.3 0.0 197.8





#45

1,2-Dichloropropane

Concen: 9.638 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 73080

Ion Ratio Lower Upper

63 100

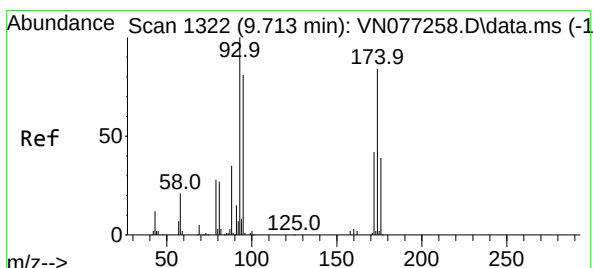
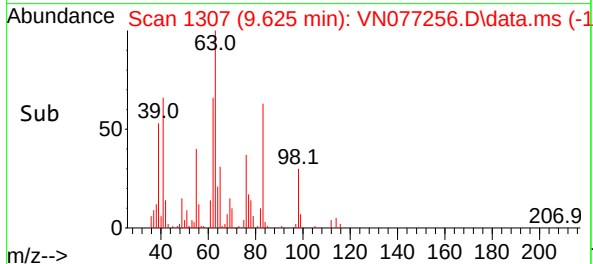
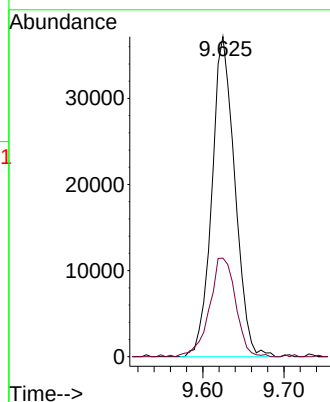
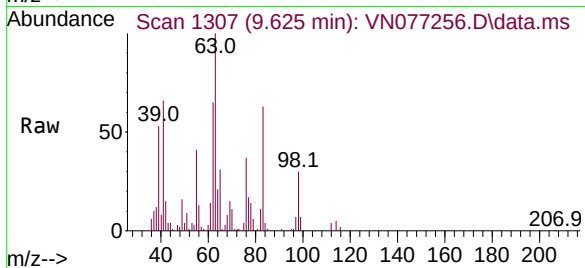
65 30.8 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#46

Dibromomethane

Concen: 10.727 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

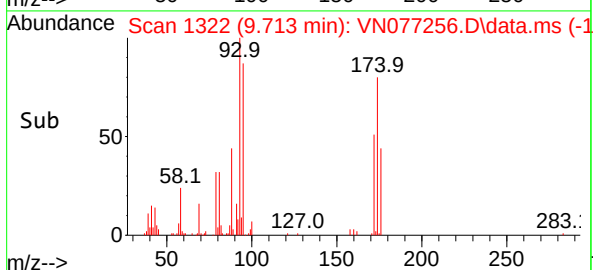
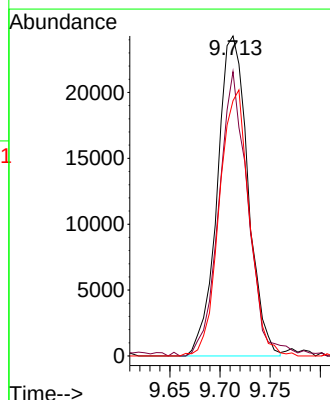
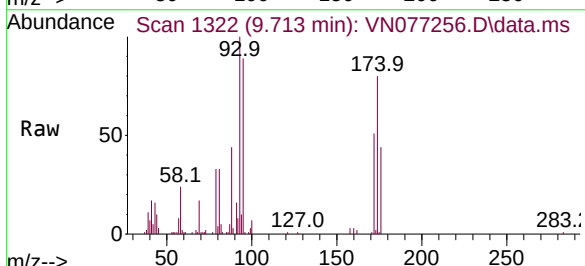
Tgt Ion: 93 Resp: 51712

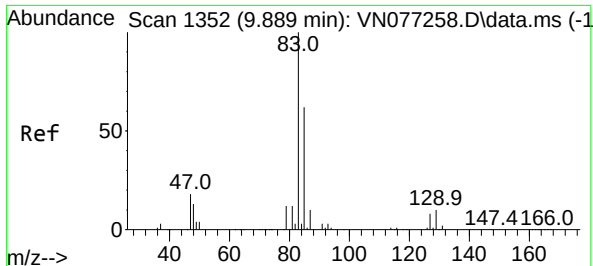
Ion Ratio Lower Upper

93 100

95 84.8 66.1 99.1

174 81.2 91.0 136.4#





#47

Bromodichloromethane

Concen: 11.209 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

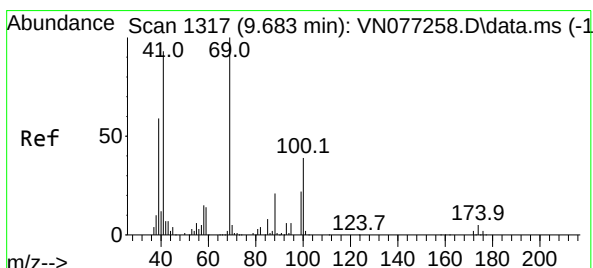
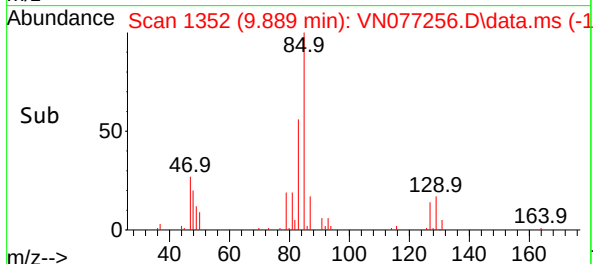
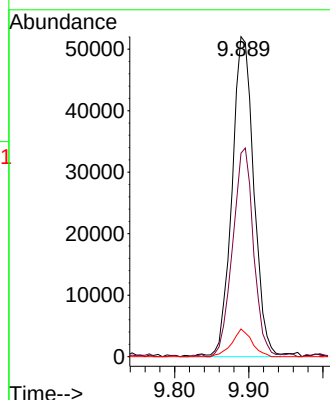
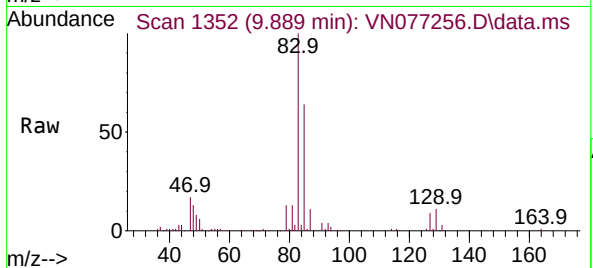
VSTDIC010

Tgt Ion: 83 Resp: 106394
 Ion Ratio Lower Upper
 83 100
 85 63.6 51.3 76.9
 127 8.7 6.6 10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023



#48

Methyl methacrylate

Concen: 9.693 ug/l

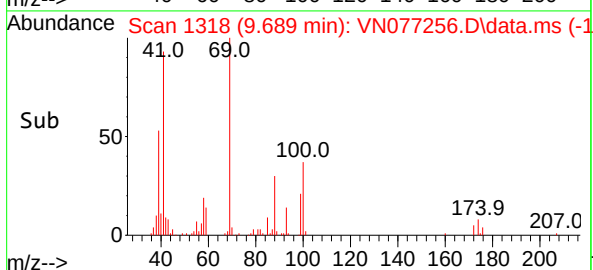
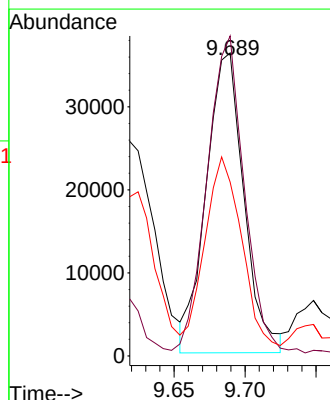
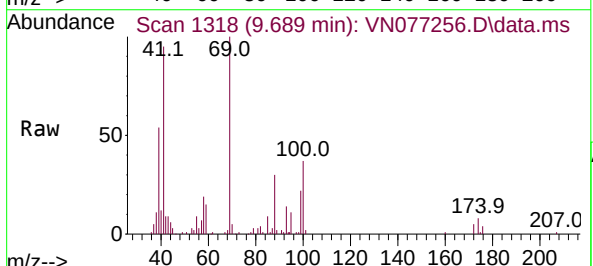
RT: 9.689 min Scan# 1318

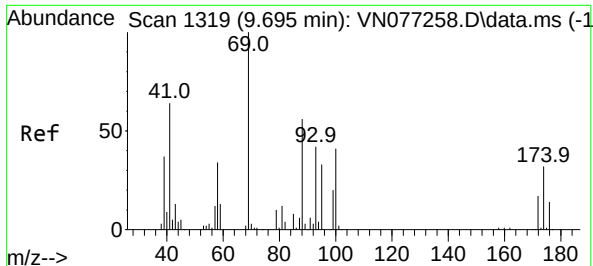
Delta R.T. 0.006 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

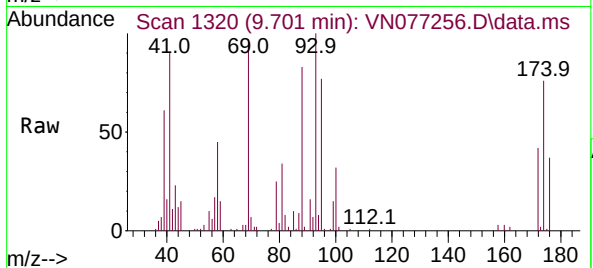
Tgt Ion: 41 Resp: 66808
 Ion Ratio Lower Upper
 41 100
 69 104.4 70.7 106.1
 39 65.6 40.6 61.0





#49
1,4-Dioxane
Concen: 248.434 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

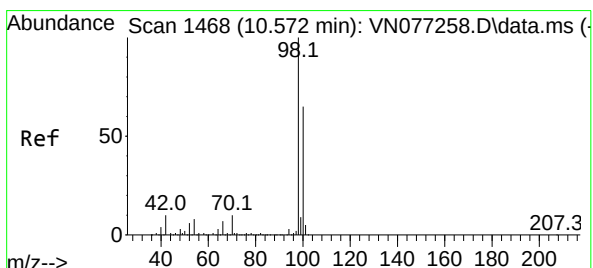
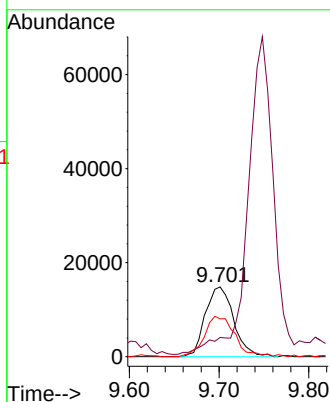
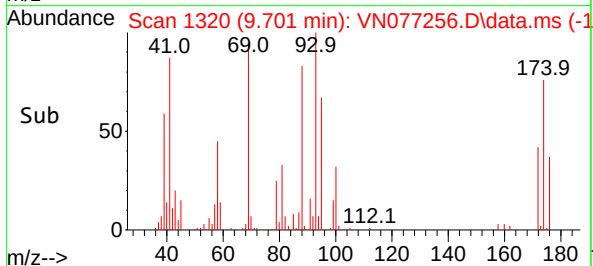
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



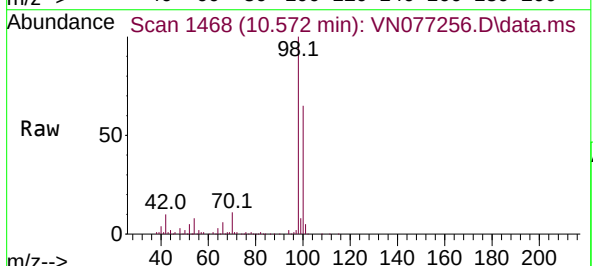
Tgt Ion: 88 Resp: 32574
Ion Ratio Lower Upper
88 100
43 0.0 21.2 31.8
58 62.4 56.5 84.7

Manual Integrations
APPROVED

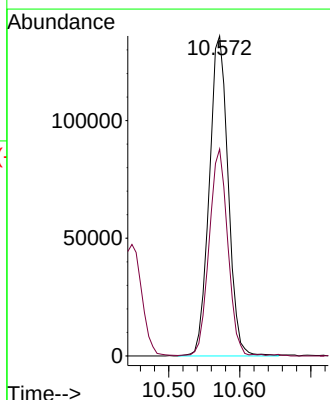
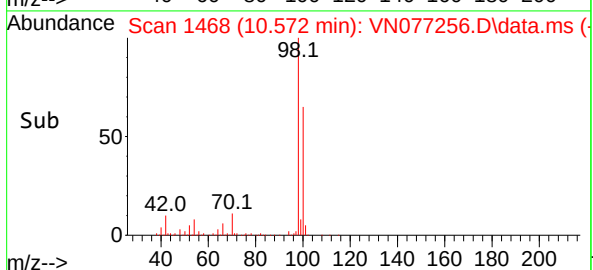
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

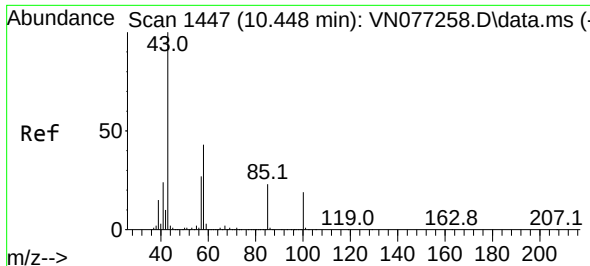


#50
Toluene-d8
Concen: 11.212 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39



Tgt Ion: 98 Resp: 250755
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0





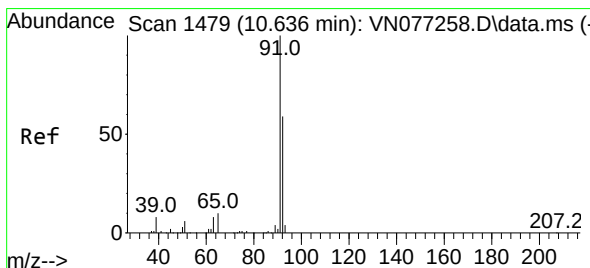
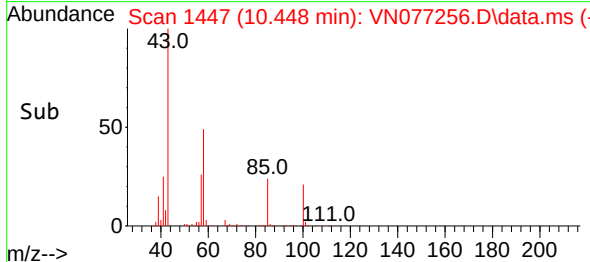
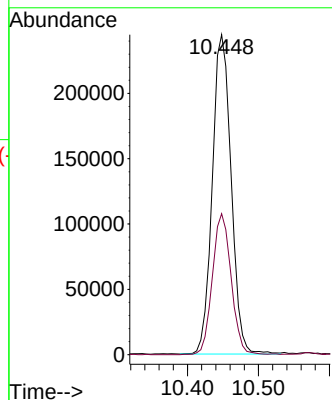
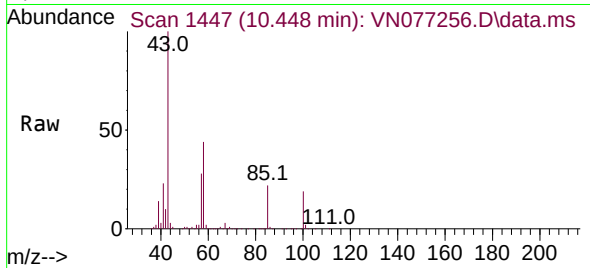
#51
4-Methyl-2-Pentanone
Concen: 49.739 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 45002
Ion Ratio Lower Upper
43 100
58 43.9 33.3 49.9

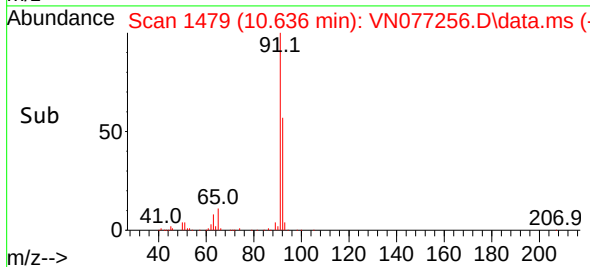
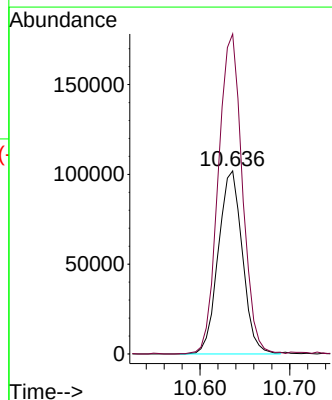
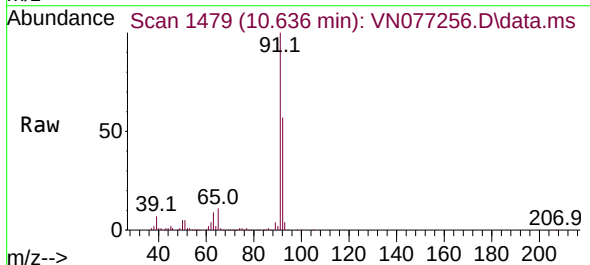
Manual Integrations
APPROVED

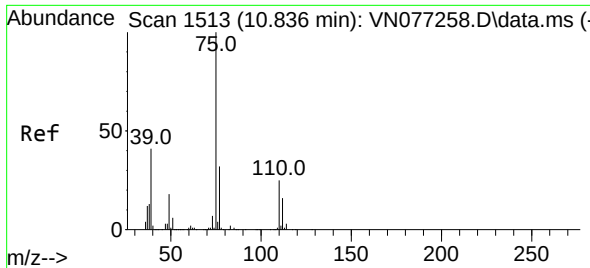
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#52
Toluene
Concen: 11.025 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 92 Resp: 190083
Ion Ratio Lower Upper
92 100
91 174.5 138.8 208.2





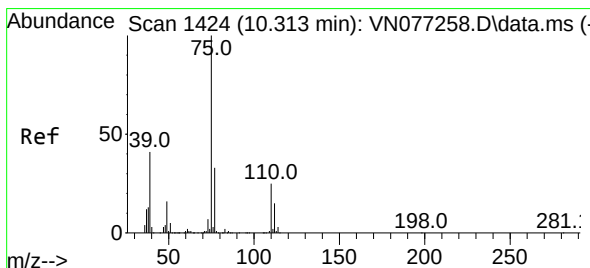
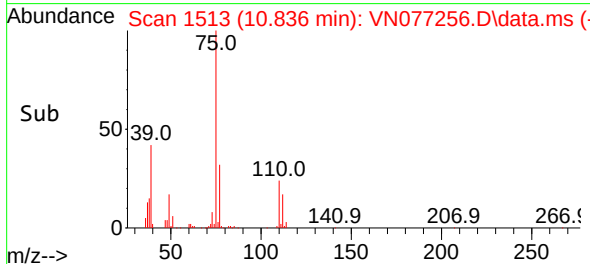
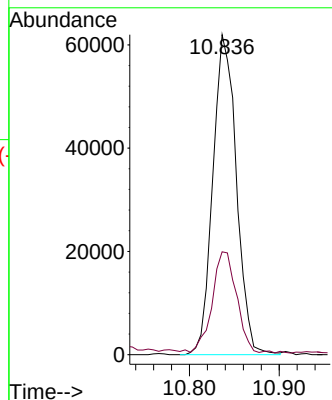
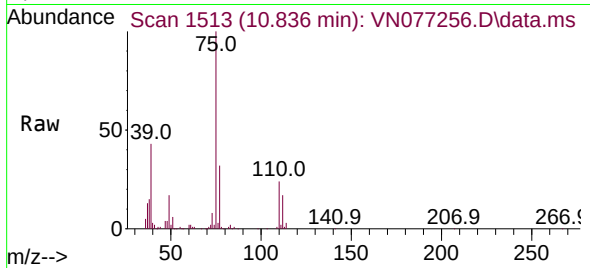
#53
t-1,3-Dichloropropene
Concen: 12.073 ug/l
RT: 10.836 min Scan# 113030
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 113030
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.8

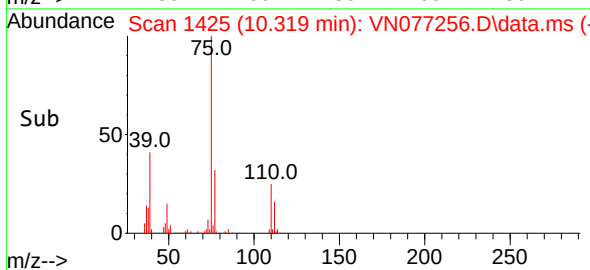
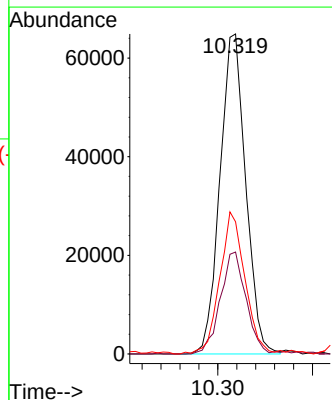
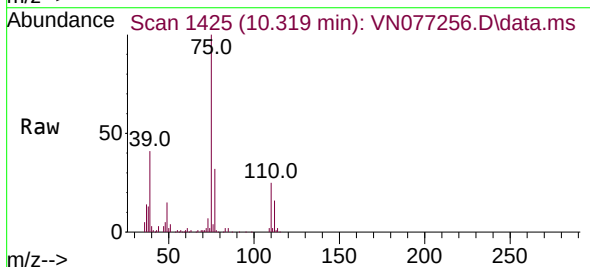
Manual Integrations
APPROVED

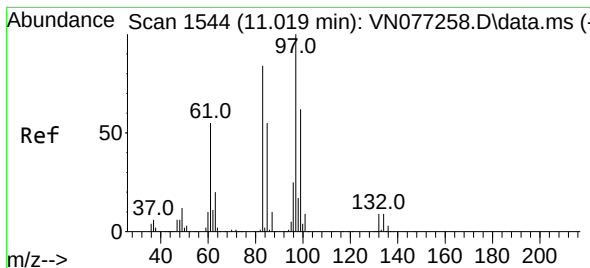
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#54
cis-1,3-Dichloropropene
Concen: 11.259 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 75 Resp: 122456
Ion Ratio Lower Upper
75 100
77 31.9 24.8 37.2
39 41.3 33.3 49.9





#55

1,1,2-Trichloroethane

Concen: 10.882 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. 0.000 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 77610

Ion Ratio Lower Upper

97 100

83 78.2 68.4 102.6

85 47.2 43.2 64.8

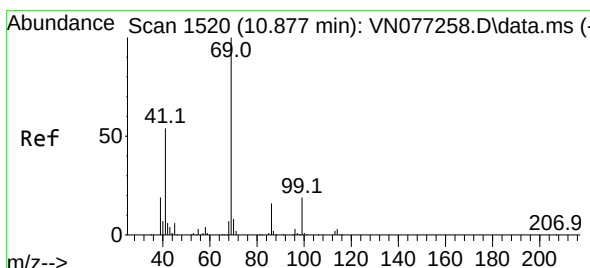
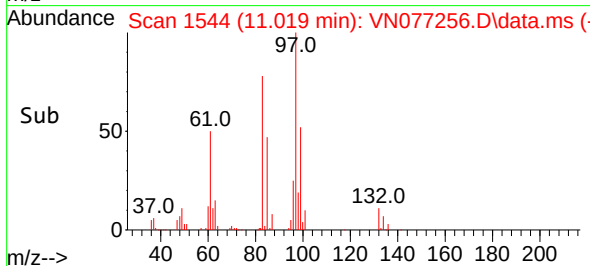
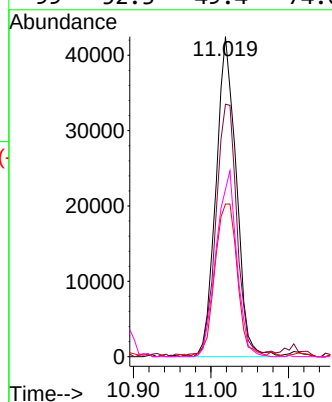
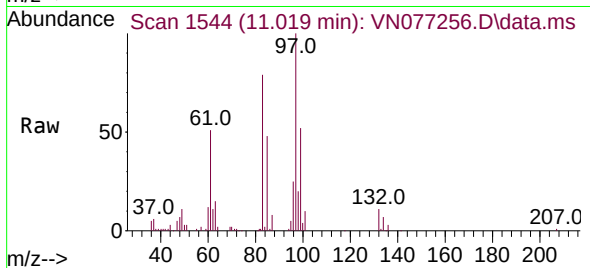
99 52.3 49.4 74.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#56

Ethyl methacrylate

Concen: 11.770 ug/l

RT: 10.878 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

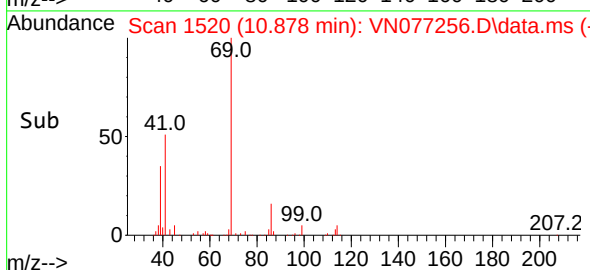
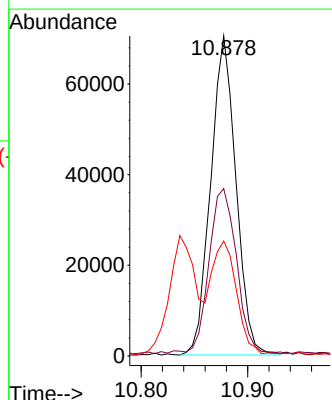
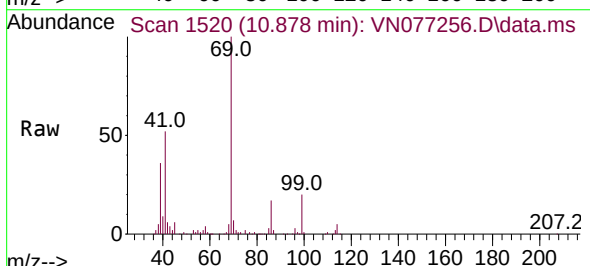
Tgt Ion: 69 Resp: 116207

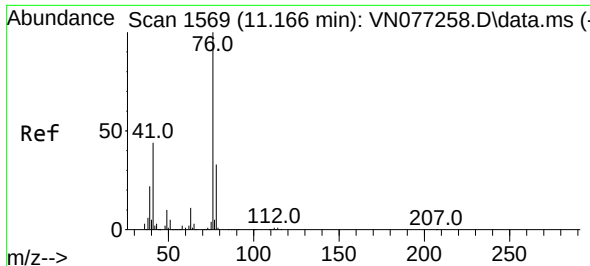
Ion Ratio Lower Upper

69 100

41 56.6 49.9 74.9

39 34.2 21.9 32.9#





#57

1,3-Dichloropropane

Concen: 10.213 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 76 Resp: 12373

Ion Ratio Lower Upper

76 100

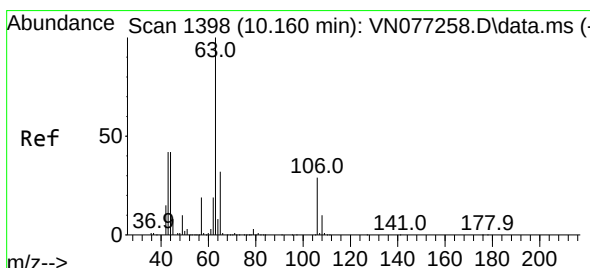
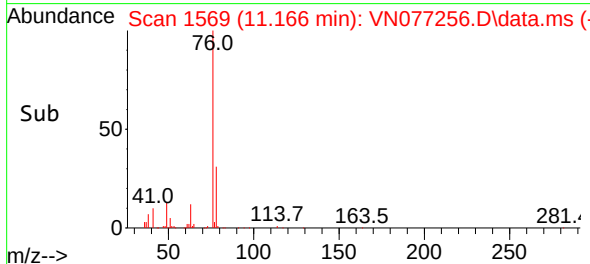
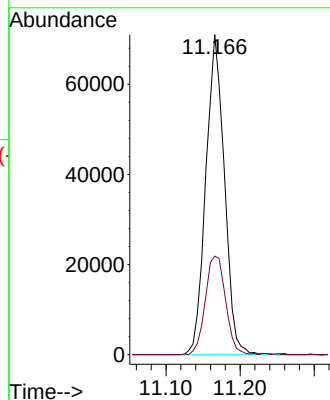
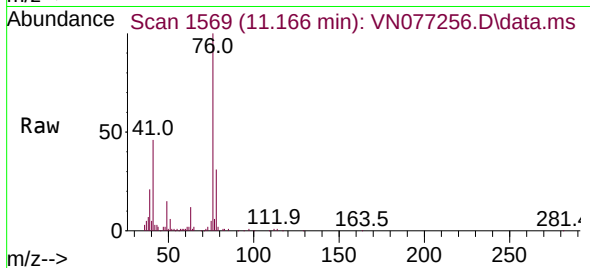
78 33.6 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 49.758 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN077256.D

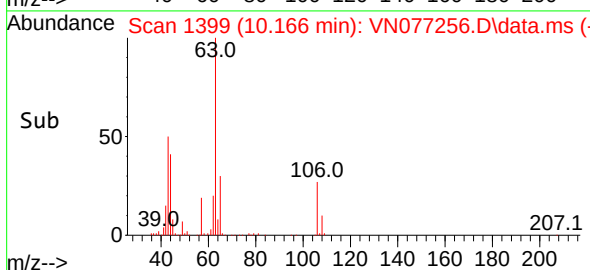
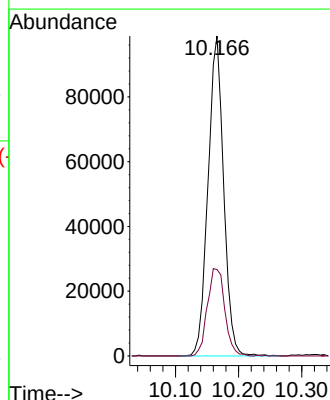
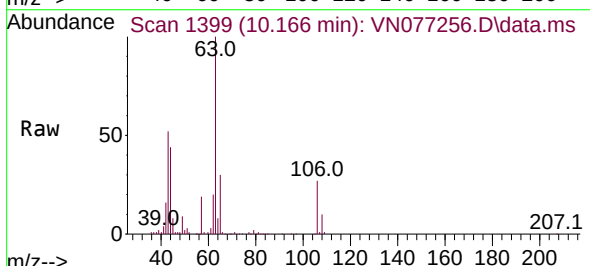
Acq: 05 Apr 2023 11:39

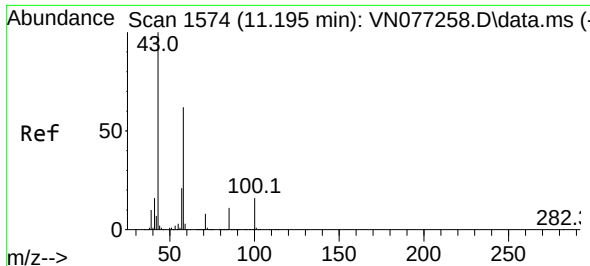
Tgt Ion: 63 Resp: 169817

Ion Ratio Lower Upper

63 100

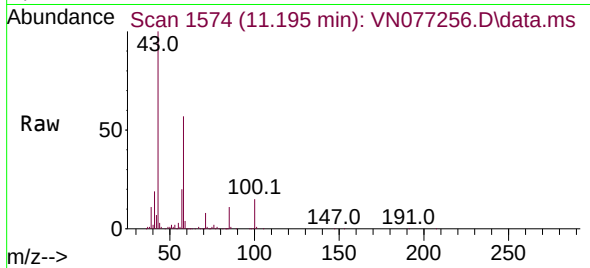
106 30.5 22.6 33.8





#59
2-Hexanone
Concen: 50.586 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

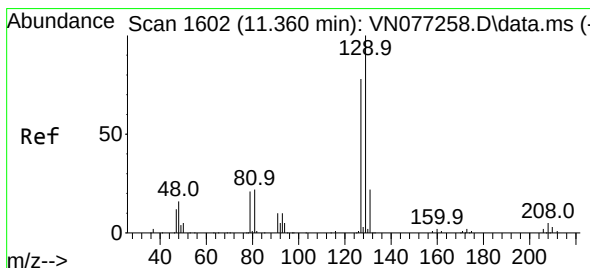
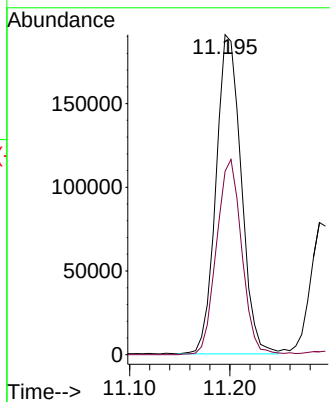
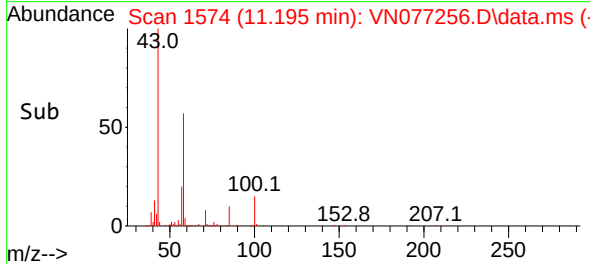
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 332140
Ion Ratio Lower Upper
43 100
58 61.3 29.3 88.0

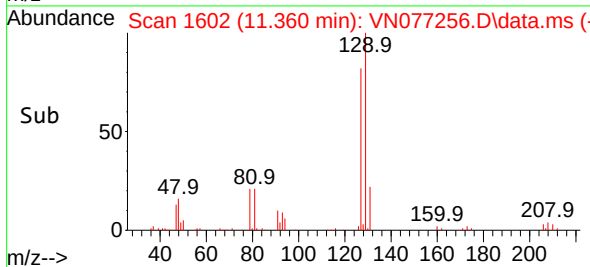
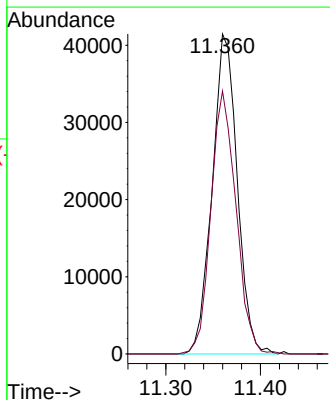
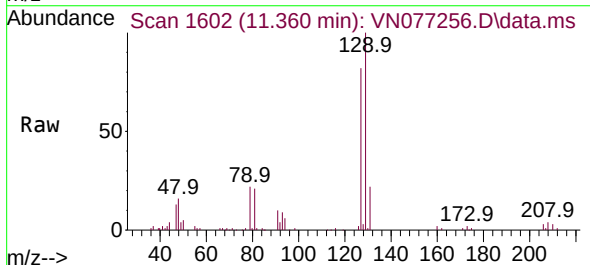
Manual Integrations
APPROVED

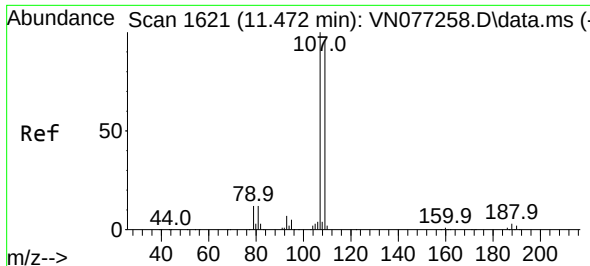
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#60
Dibromochloromethane
Concen: 10.279 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

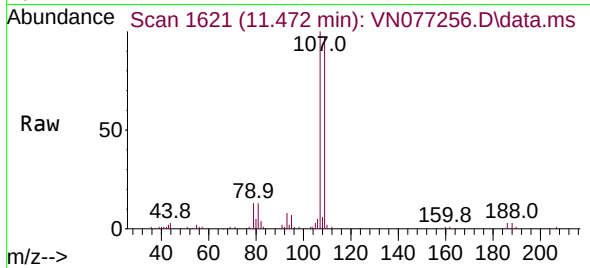
Tgt Ion:129 Resp: 76168
Ion Ratio Lower Upper
129 100
127 82.4 38.1 114.3





#61
1,2-Dibromoethane
Concen: 10.638 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

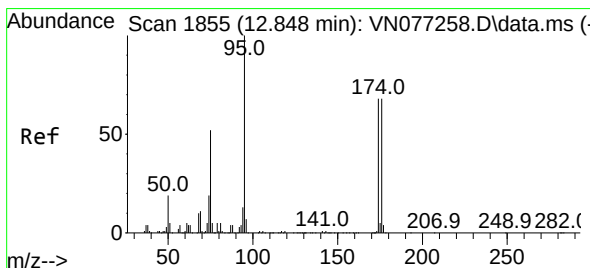
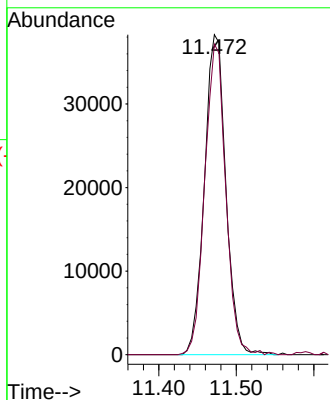
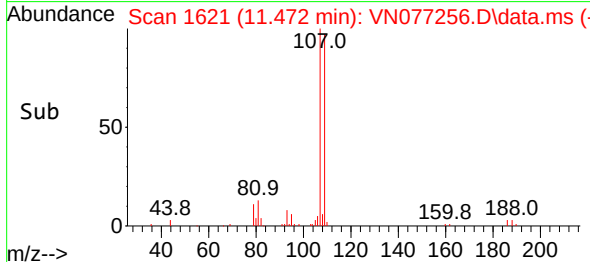
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



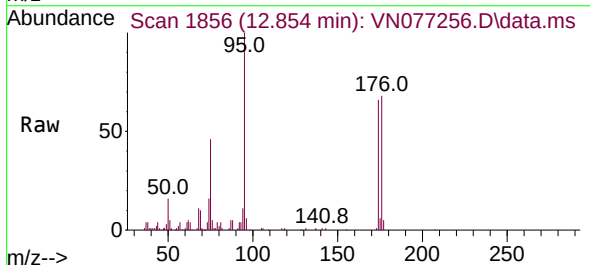
Tgt Ion:107 Resp: 73659
Ion Ratio Lower Upper
107 100
109 95.1 75.7 113.5

Manual Integrations
APPROVED

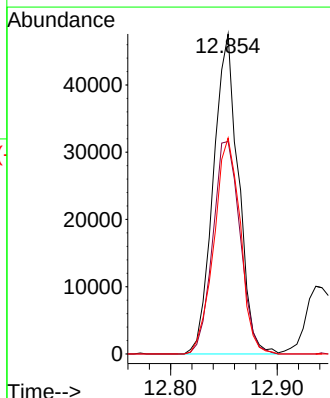
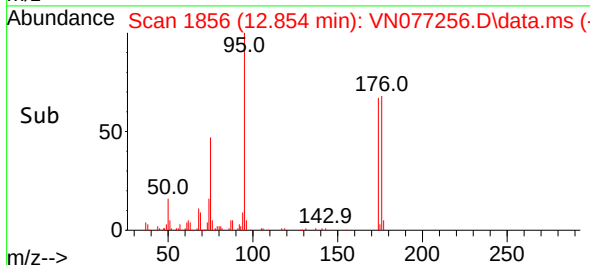
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

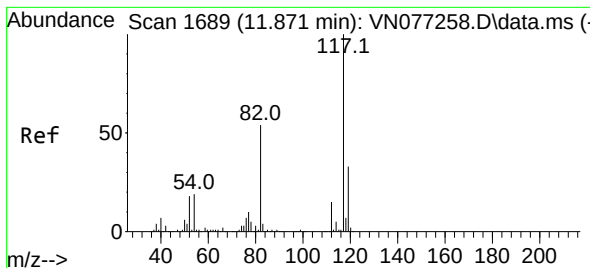


#62
4-Bromofluorobenzene
Concen: 10.522 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39



Tgt Ion: 95 Resp: 77896
Ion Ratio Lower Upper
95 100
174 72.3 0.0 179.2
176 70.4 0.0 171.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.872 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

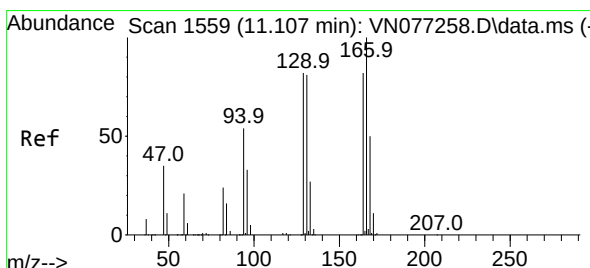
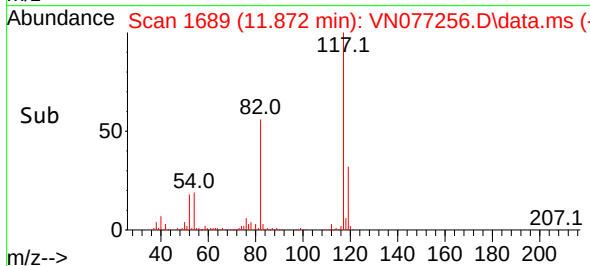
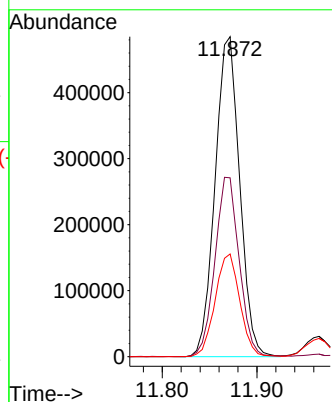
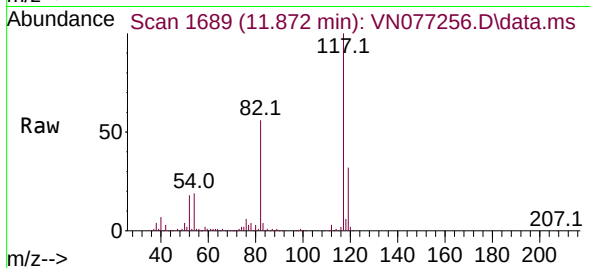
Tgt Ion:	117	Resp:	87561
Ion Ratio	Lower	Upper	
117	100		
82	55.8	42.9	64.3
119	32.1	25.3	37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#64

Tetrachloroethene

Concen: 8.710 ug/l

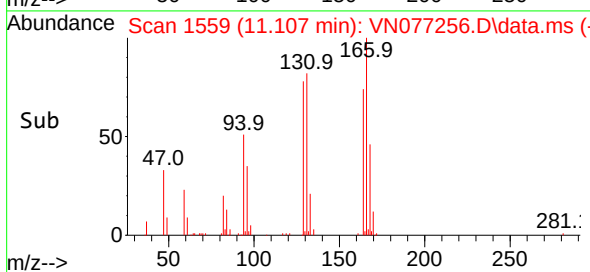
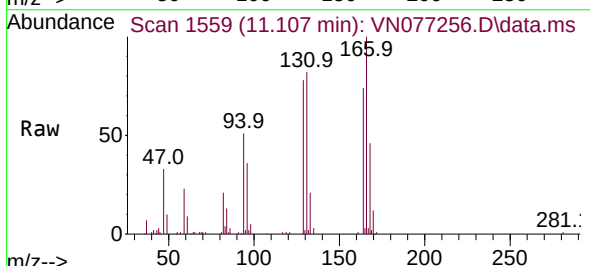
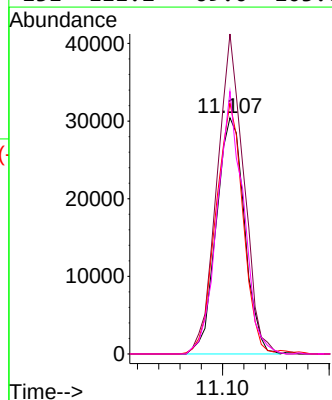
RT: 11.107 min Scan# 1559

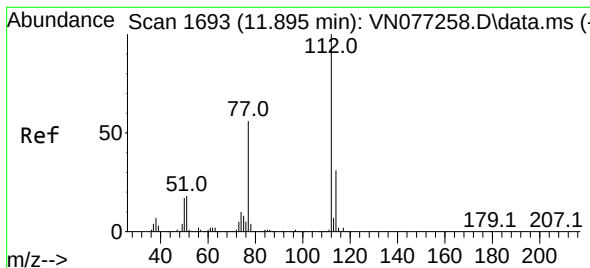
Delta R.T. -0.000 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Tgt Ion:	164	Resp:	55844
Ion Ratio	Lower	Upper	
164	100		
166	135.5	106.0	159.0
129	106.2	72.4	108.6
131	111.2	69.0	103.6





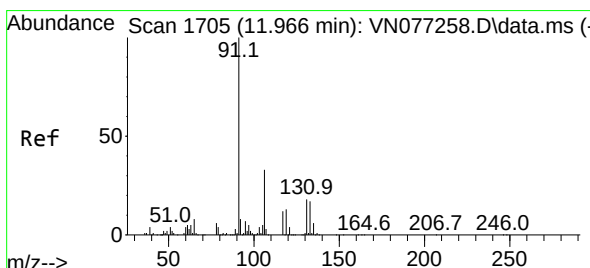
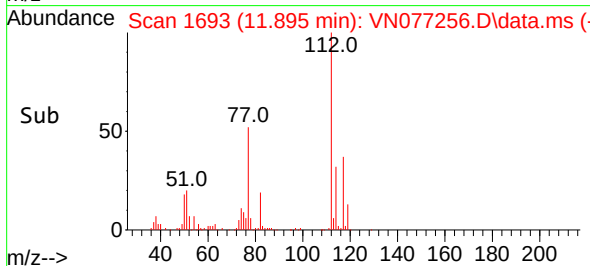
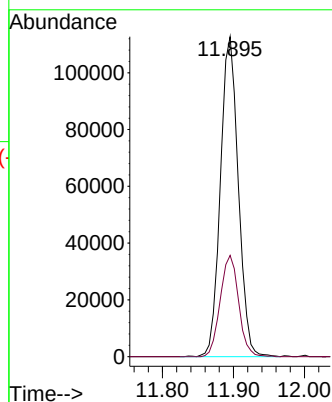
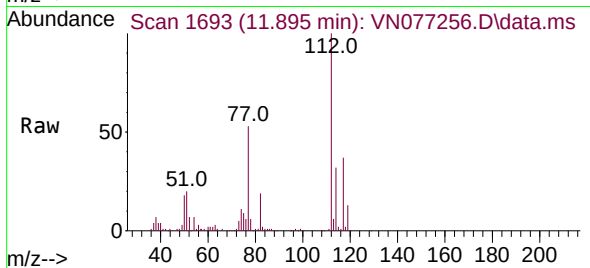
#65
Chlorobenzene
Concen: 10.633 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 196572
Ion Ratio Lower Upper
112 100
114 31.6 25.9 38.9

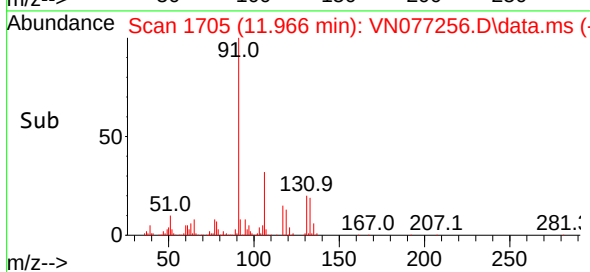
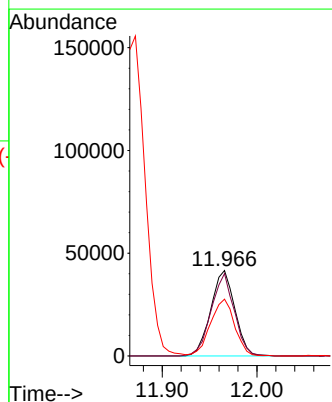
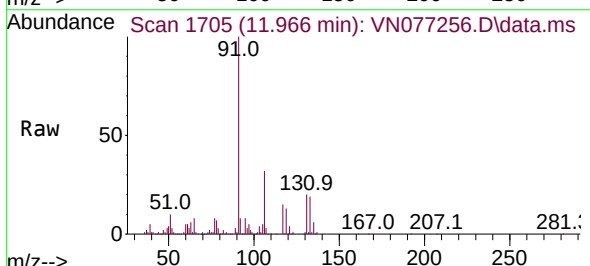
Manual Integrations
APPROVED

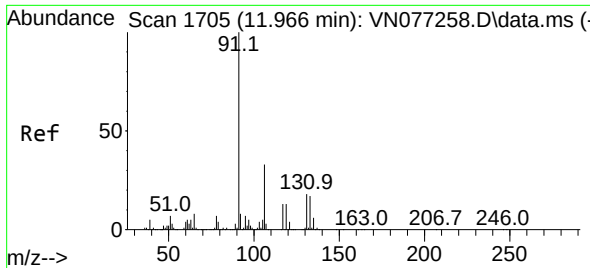
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 10.355 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

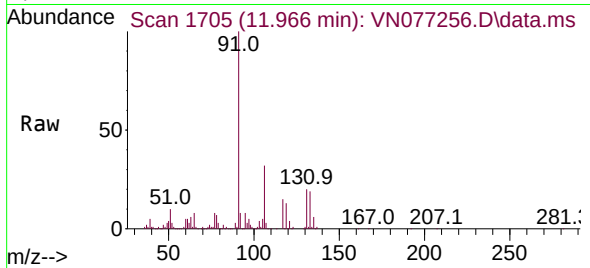
Tgt Ion:131 Resp: 73361
Ion Ratio Lower Upper
131 100
133 93.0 46.5 139.5
119 67.1 32.0 96.2





#67
Ethyl Benzene
Concen: 11.592 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

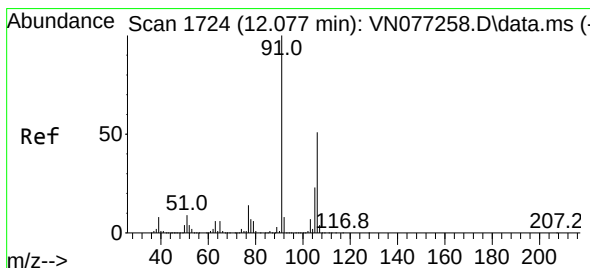
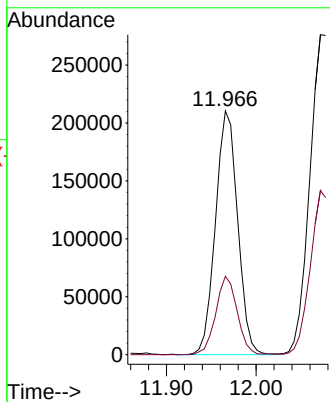
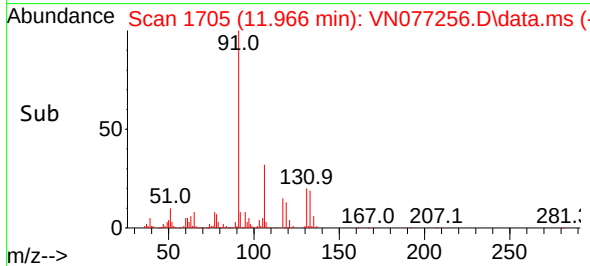
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



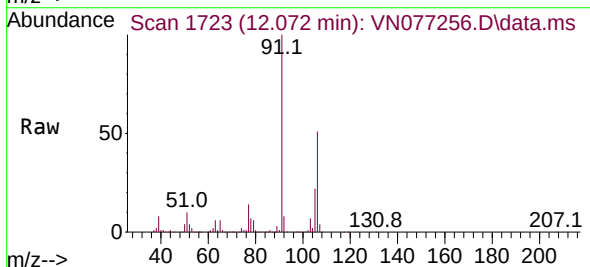
Tgt Ion: 91 Resp: 36128
Ion Ratio Lower Upper
91 100
106 32.1 24.3 36.5

Manual Integrations
APPROVED

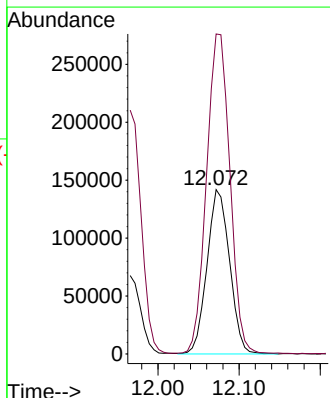
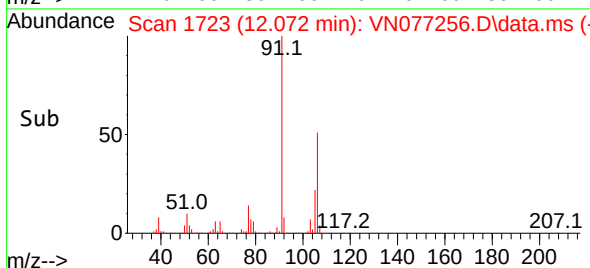
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

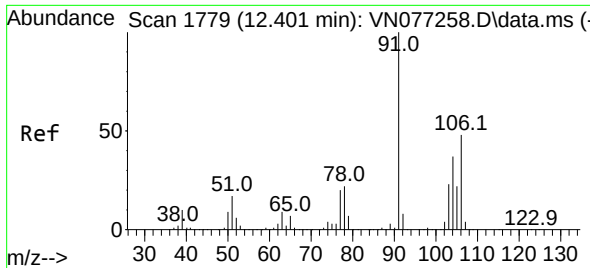


#68
m/p-Xylenes
Concen: 22.640 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39



Tgt Ion:106 Resp: 274447
Ion Ratio Lower Upper
106 100
91 202.2 158.6 238.0





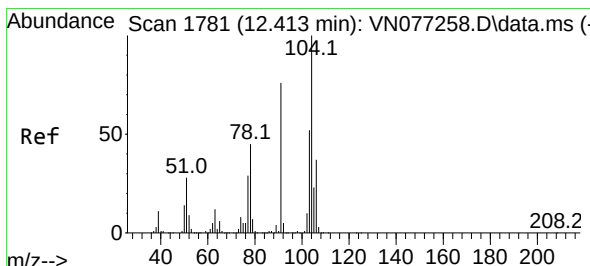
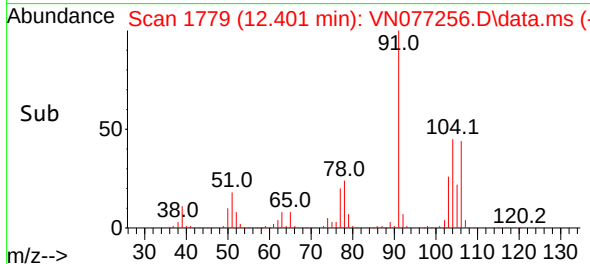
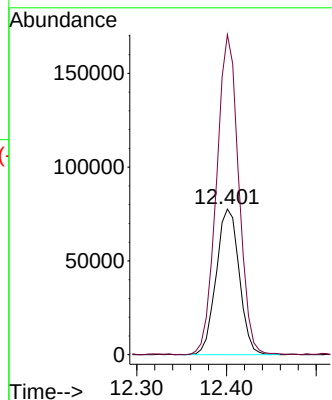
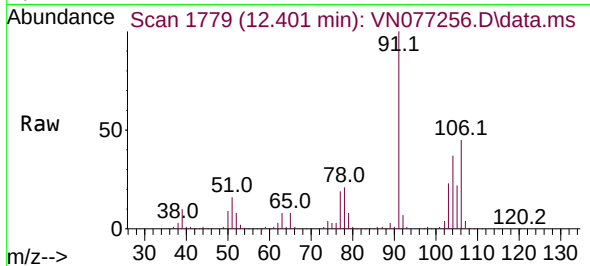
#69
o-Xylene
Concen: 11.869 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 138740
Ion Ratio Lower Upper
106 100
91 211.8 104.7 314.1

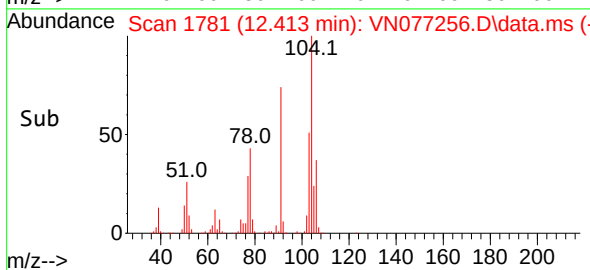
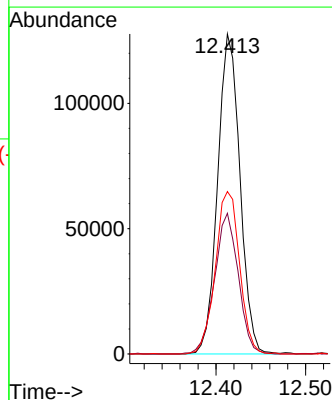
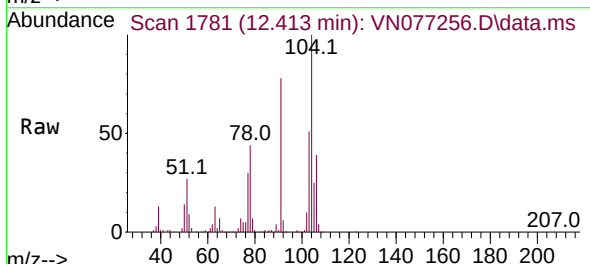
Manual Integrations
APPROVED

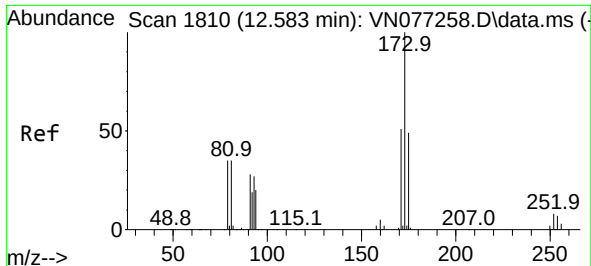
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#70
Styrene
Concen: 11.835 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

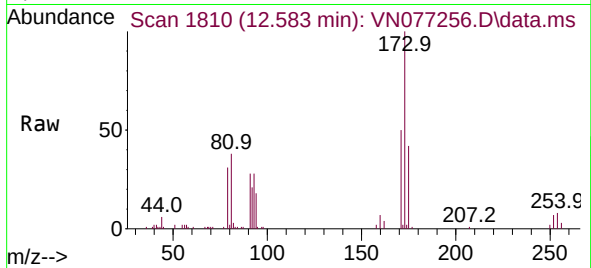
Tgt Ion:104 Resp: 220258
Ion Ratio Lower Upper
104 100
78 46.7 38.7 58.1
103 55.2 44.5 66.7





#71
Bromoform
Concen: 9.299 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

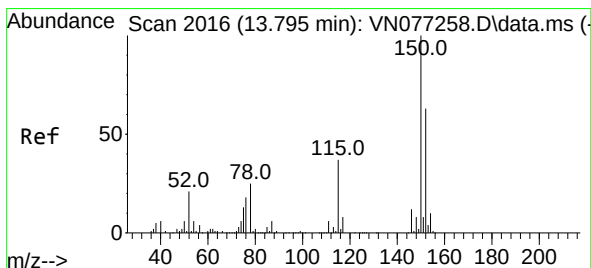
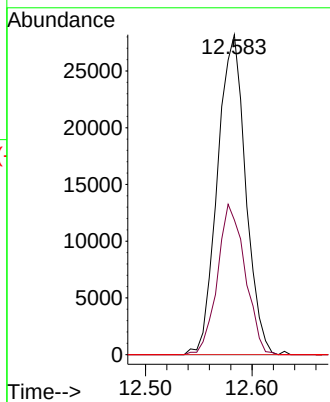
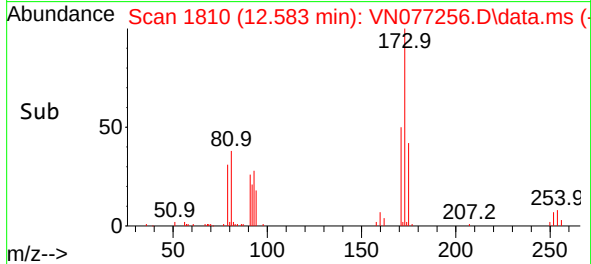
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



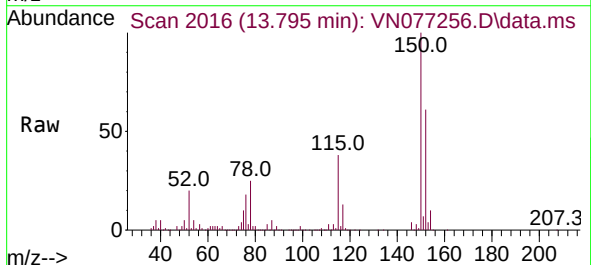
Tgt Ion:173 Resp: 51711
Ion Ratio Lower Upper
173 100
175 46.2 24.6 73.8
254 0.0 0.1 0.1

Manual Integrations
APPROVED

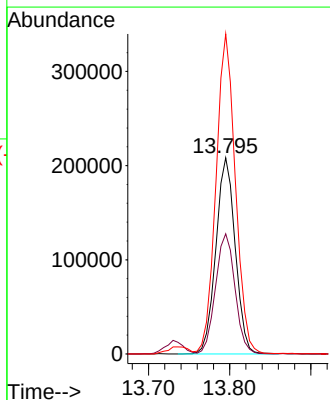
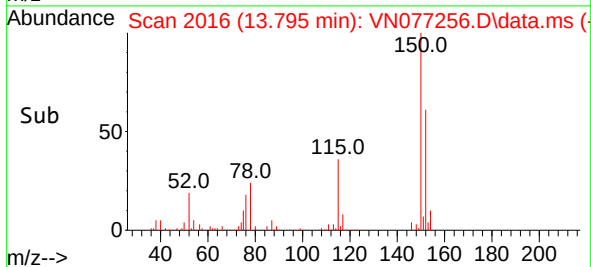
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

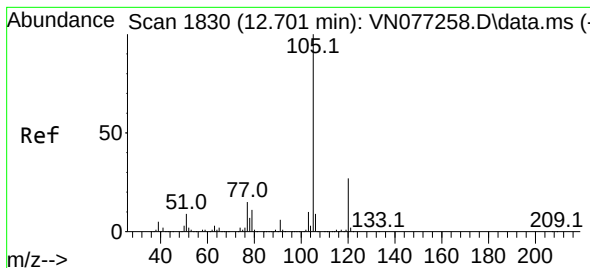


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39



Tgt Ion:152 Resp: 345716
Ion Ratio Lower Upper
152 100
115 61.7 27.9 83.6
150 163.0 0.0 346.4





#73

Isopropylbenzene

Concen: 13.496 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. 0.006 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:105 Resp: 347938

Ion Ratio Lower Upper

105 100

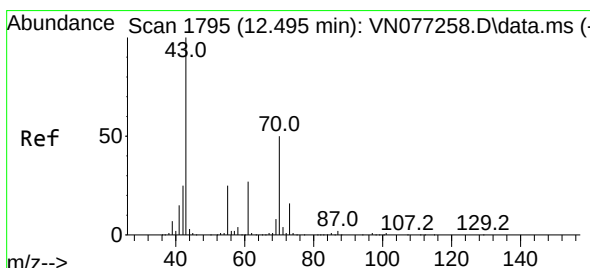
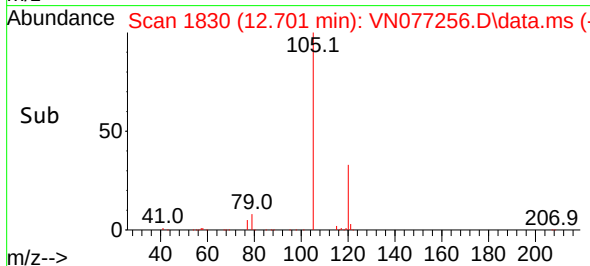
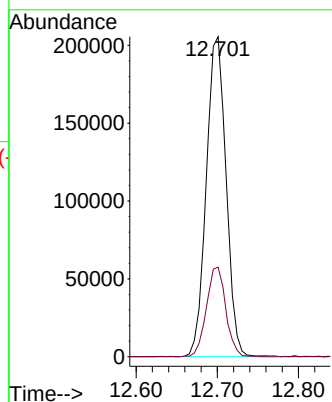
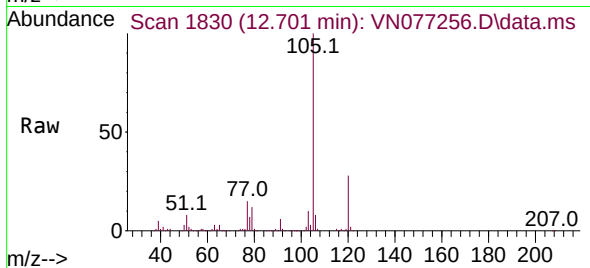
120 27.3 13.7 41.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#74

N-ethyl acetate

Concen: 13.661 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Tgt Ion: 43 Resp: 129841

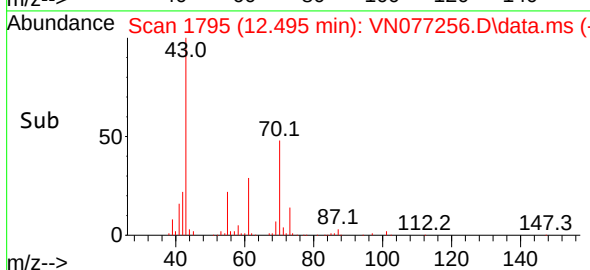
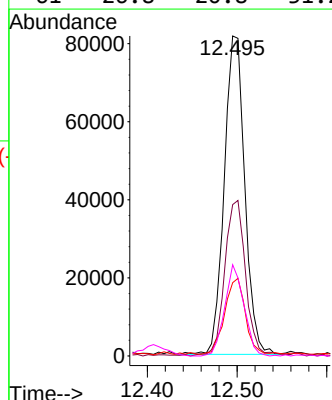
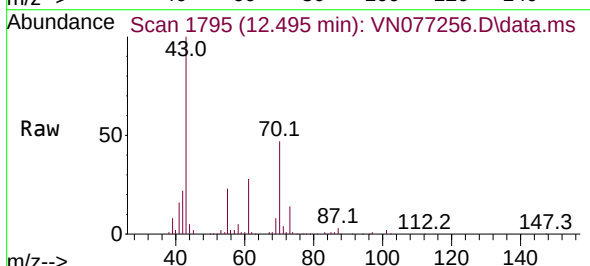
Ion Ratio Lower Upper

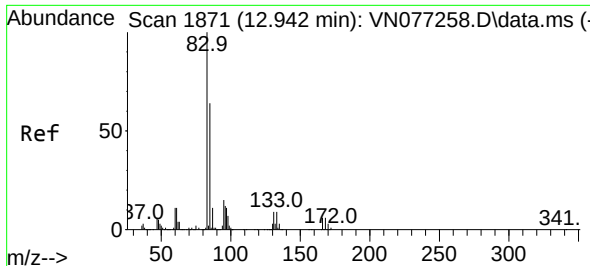
43 100

70 50.0 37.5 56.3

55 23.8 21.4 32.0

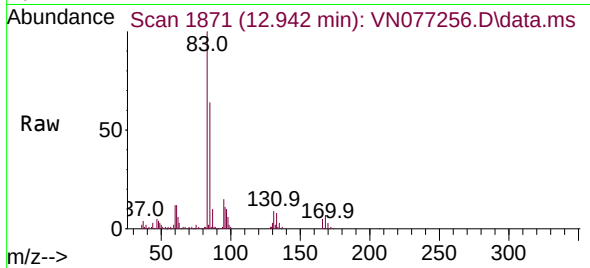
61 26.8 20.8 31.2





#75
1,1,2,2-Tetrachloroethane
Concen: 12.173 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

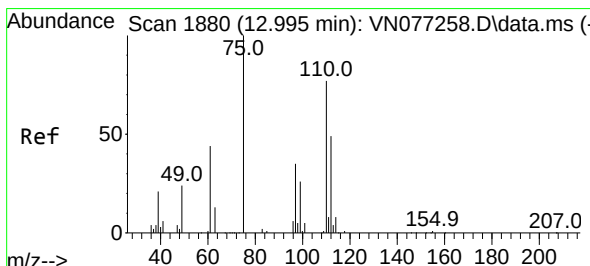
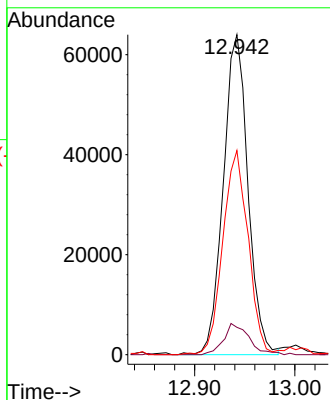
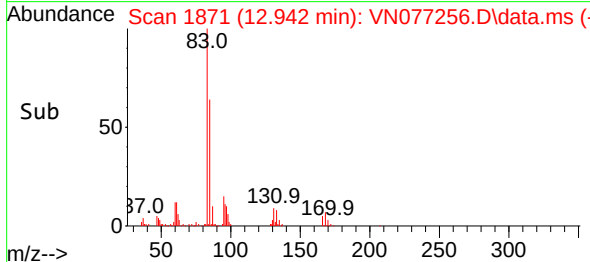
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



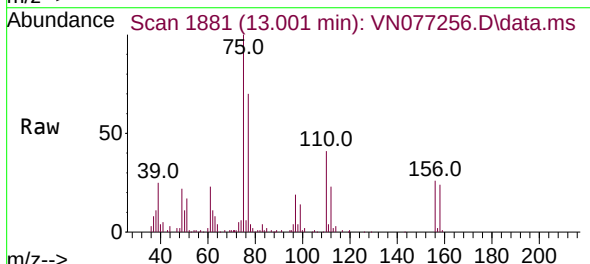
Tgt Ion: 83 Resp: 109130
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 65.4 32.3 96.9

Manual Integrations
APPROVED

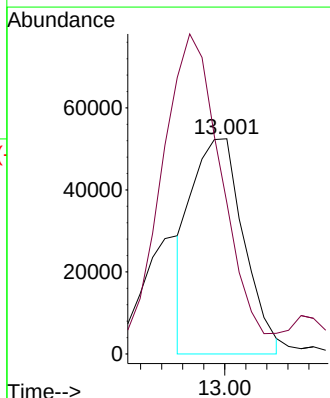
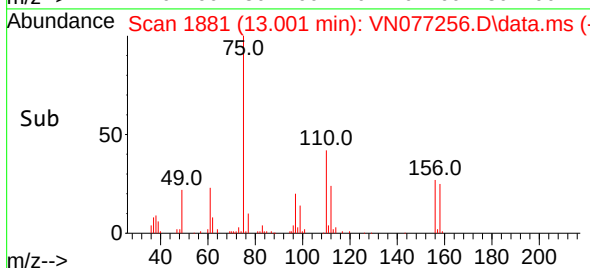
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

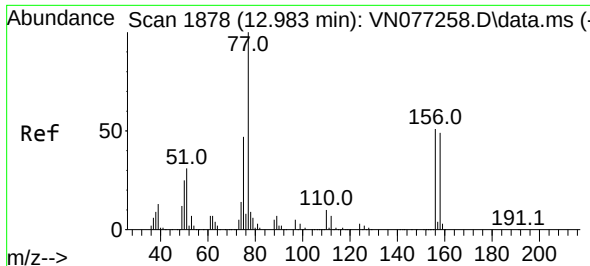


#76
1,2,3-Trichloropropane
Concen: 11.713 ug/l m
RT: 13.001 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39



Tgt Ion: 75 Resp: 90506
Ion Ratio Lower Upper
75 100
77 175.6 93.7 280.9





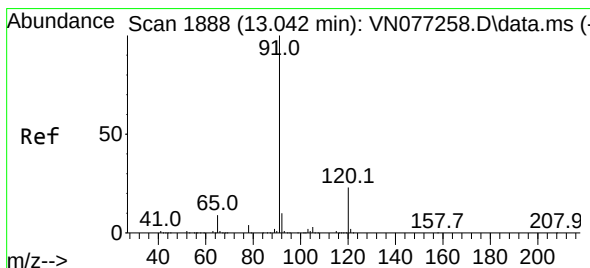
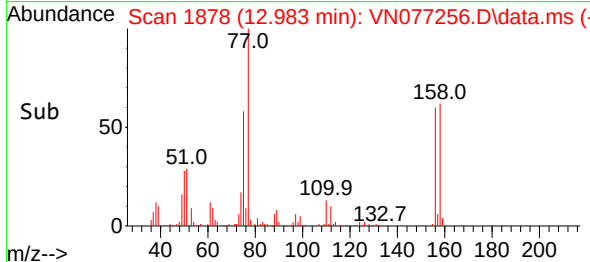
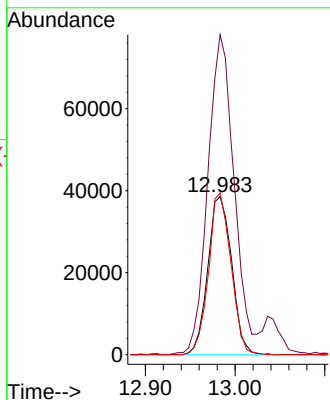
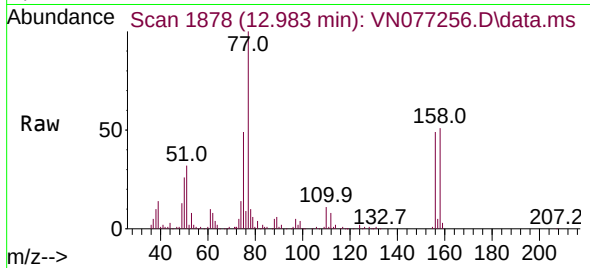
#77
Bromobenzene
Concen: 10.298 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:156 Resp: 7109
Ion Ratio Lower Upper
156 100
77 223.5 97.0 291.2
158 96.0 49.1 147.3

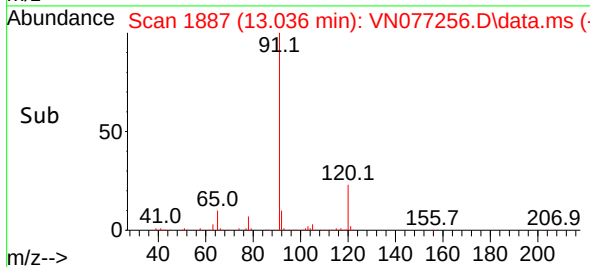
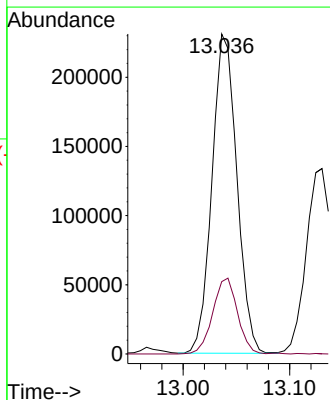
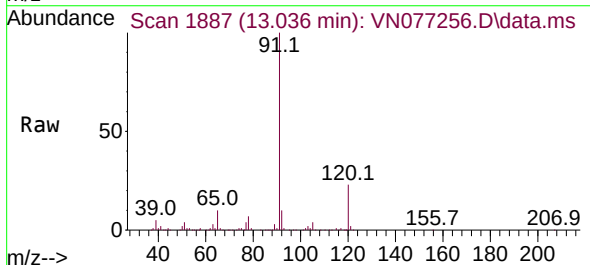
Manual Integrations
APPROVED

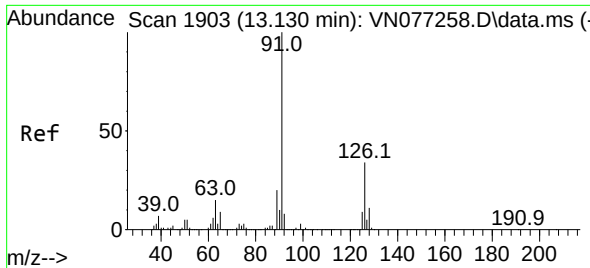
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#78
n-propylbenzene
Concen: 13.176 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 91 Resp: 374578
Ion Ratio Lower Upper
91 100
120 23.5 11.7 35.1





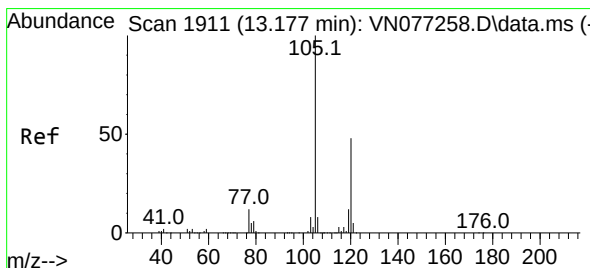
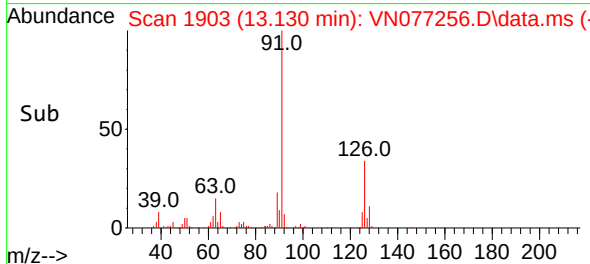
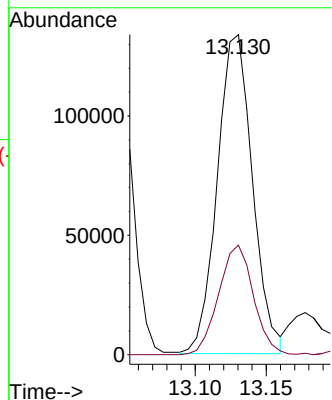
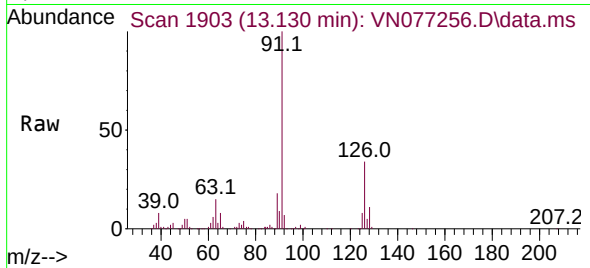
#79
2-Chlorotoluene
Concen: 12.607 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 230534
Ion Ratio Lower Upper
91 100
126 33.9 17.3 51.9

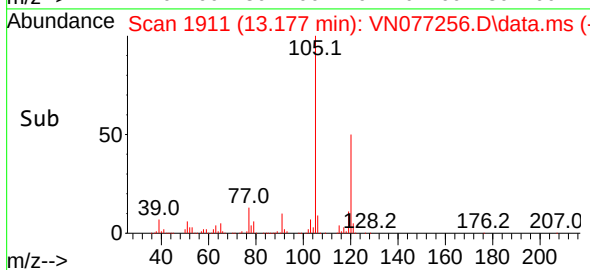
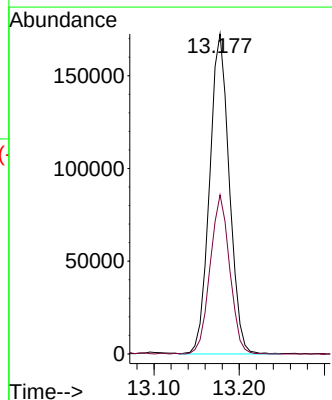
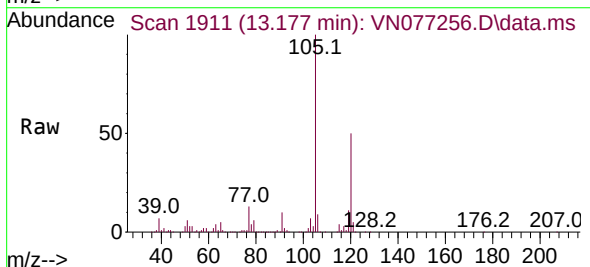
Manual Integrations
APPROVED

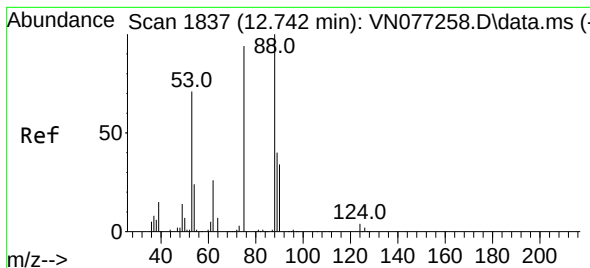
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 13.407 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

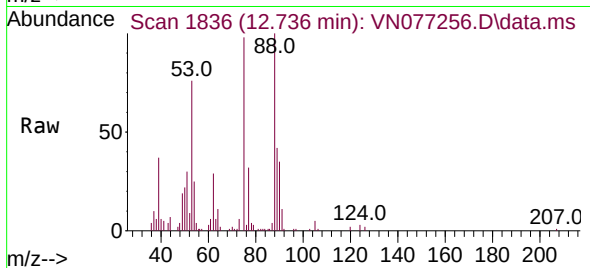
Tgt Ion:105 Resp: 277833
Ion Ratio Lower Upper
105 100
120 49.3 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 14.155 ug/l m
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

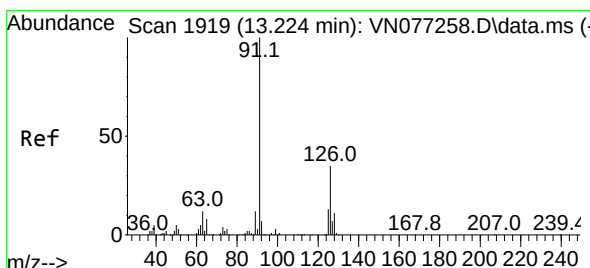
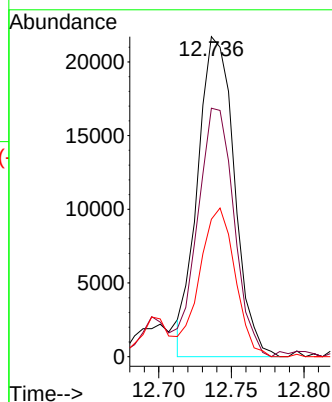
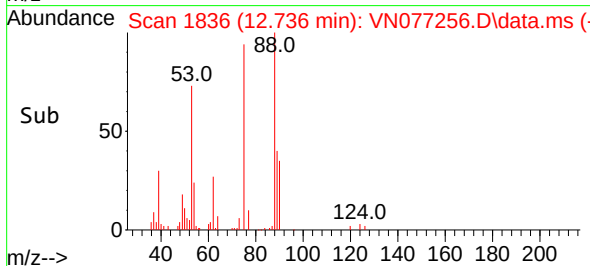
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 3825
Ion Ratio Lower Upper
75 100
53 78.0 74.1 111.1
89 44.7 36.3 54.5

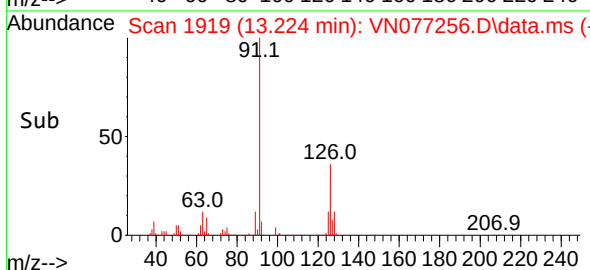
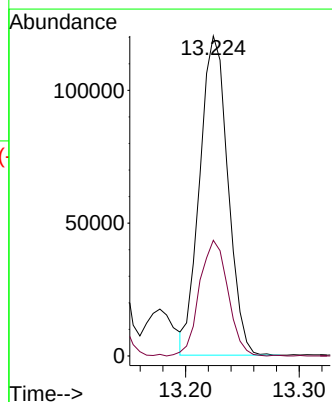
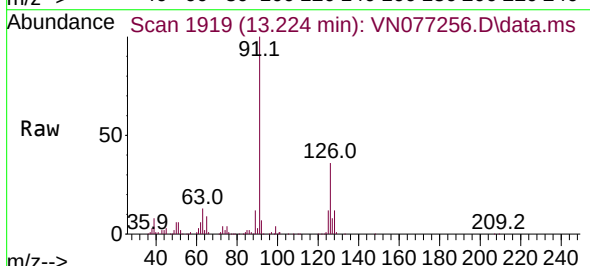
Manual Integrations
APPROVED

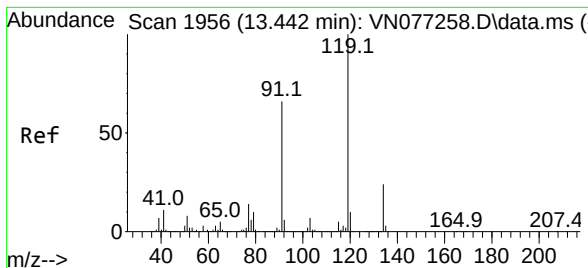
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#82
4-Chlorotoluene
Concen: 12.046 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 91 Resp: 206982
Ion Ratio Lower Upper
91 100
126 36.7 17.6 52.8





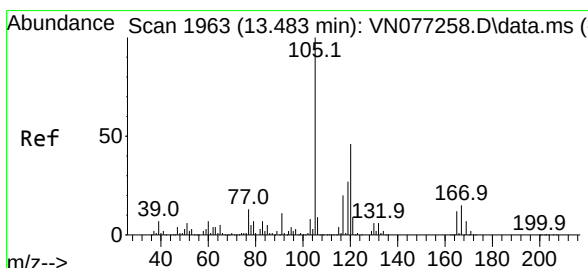
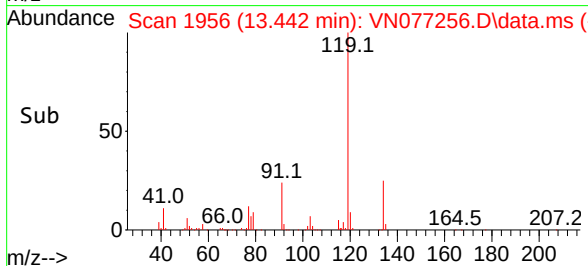
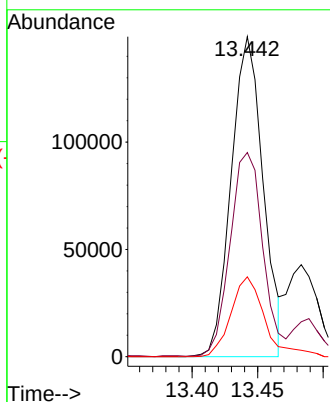
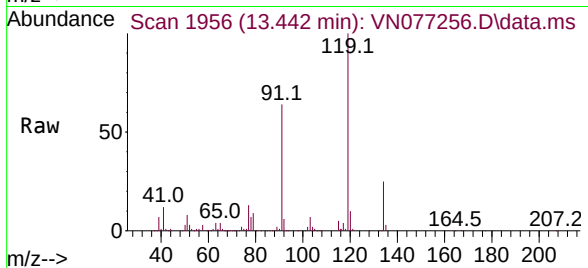
#83
tert-Butylbenzene
Concen: 13.391 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 252823
Ion Ratio Lower Upper
119 100
91 65.6 31.4 94.0
134 26.4 13.7 41.0

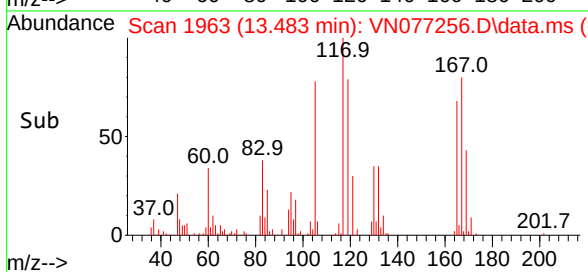
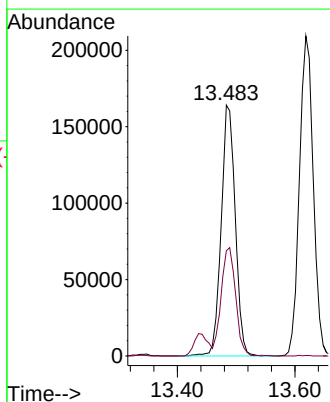
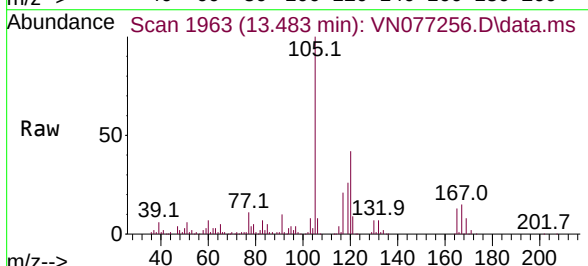
Manual Integrations
APPROVED

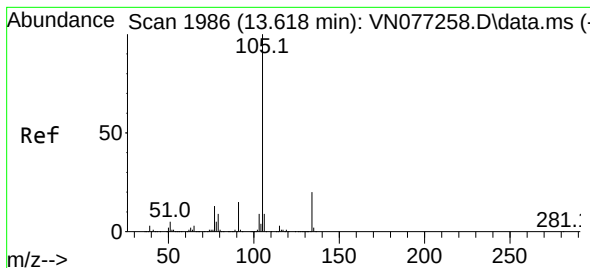
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#84
1,2,4-Trimethylbenzene
Concen: 13.508 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

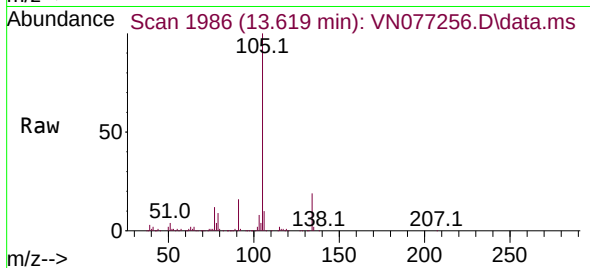
Tgt Ion:105 Resp: 273366
Ion Ratio Lower Upper
105 100
120 44.3 23.4 70.0





#85
 sec-Butylbenzene
 Concen: 13.422 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.001 min
 Lab File: VN077256.D
 Acq: 05 Apr 2023 11:39

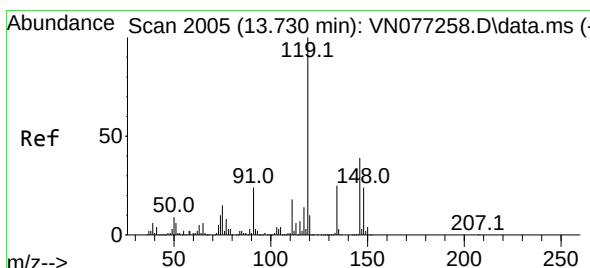
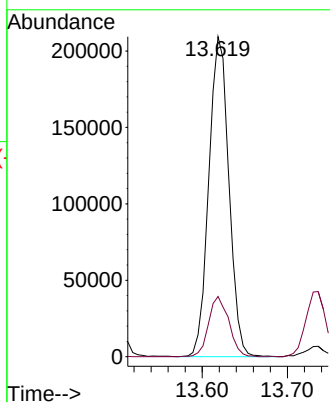
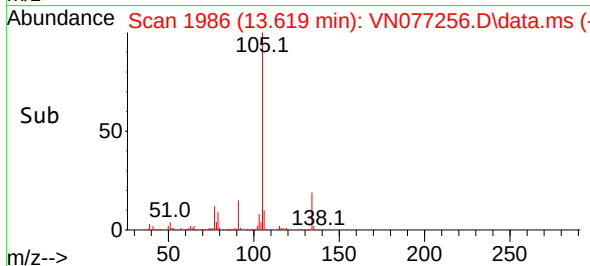
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



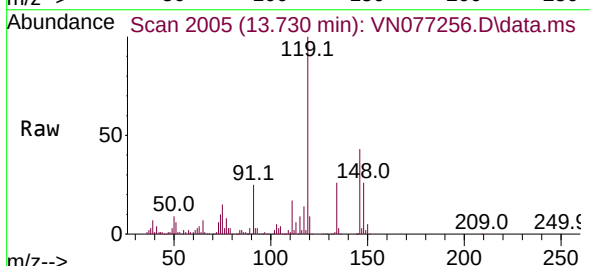
Tgt Ion:105 Resp: 34215
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.4 31.2

Manual Integrations
 APPROVED

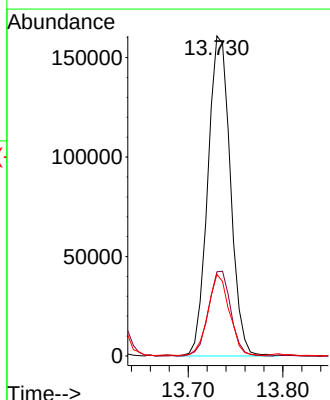
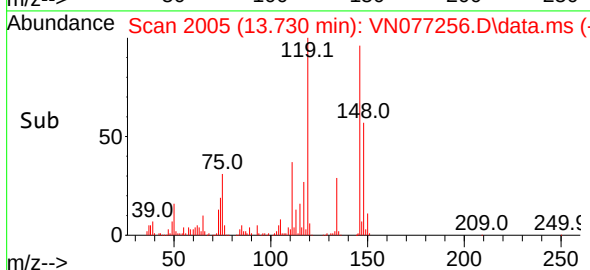
Reviewed By :John Carlone 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023

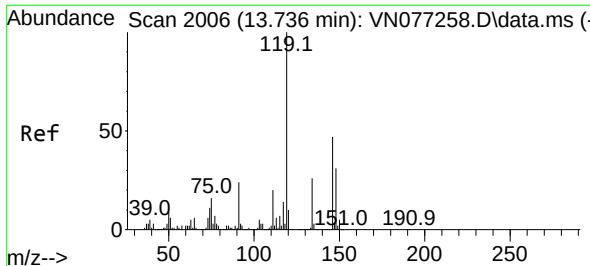


#86
 p-Isopropyltoluene
 Concen: 12.820 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077256.D
 Acq: 05 Apr 2023 11:39



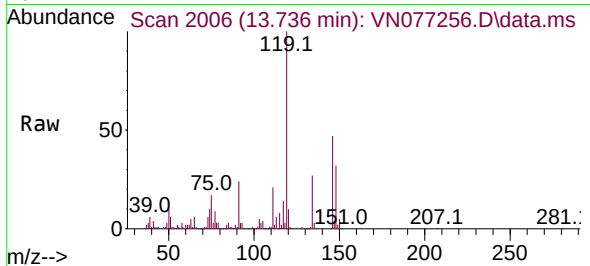
Tgt Ion:119 Resp: 266534
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.5 40.4
 91 24.1 10.9 32.6





#87
1,3-Dichlorobenzene
Concen: 10.680 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

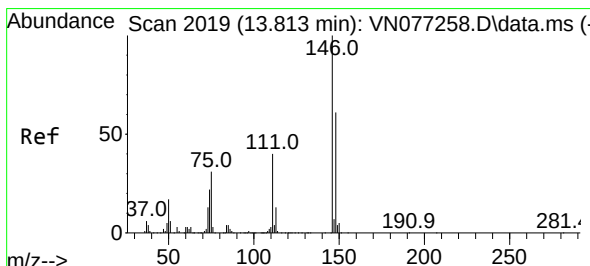
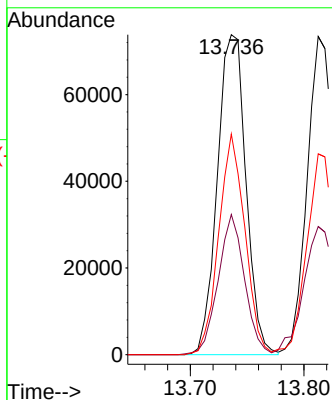
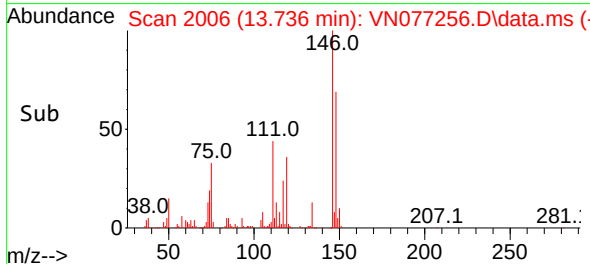
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



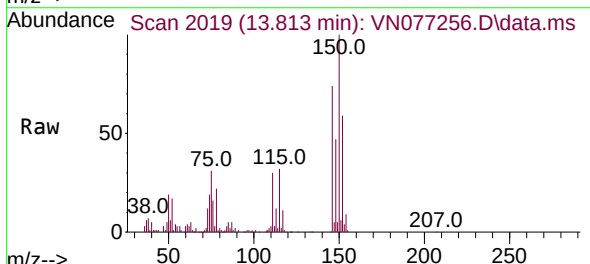
Tgt Ion:146 Resp: 12936
Ion Ratio Lower Upper
146 100
111 40.4 19.1 57.1
148 63.0 31.9 95.9

Manual Integrations
APPROVED

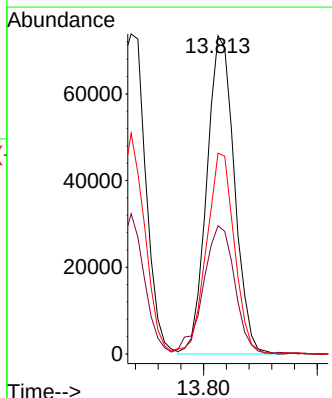
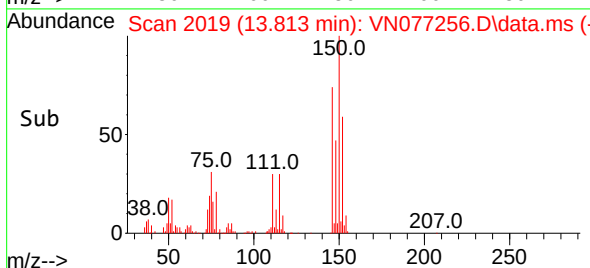
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

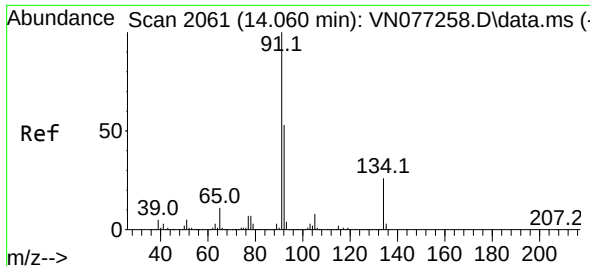


#88
1,4-Dichlorobenzene
Concen: 10.376 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.001 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39



Tgt Ion:146 Resp: 123999
Ion Ratio Lower Upper
146 100
111 45.1 18.6 56.0
148 63.9 31.9 95.5





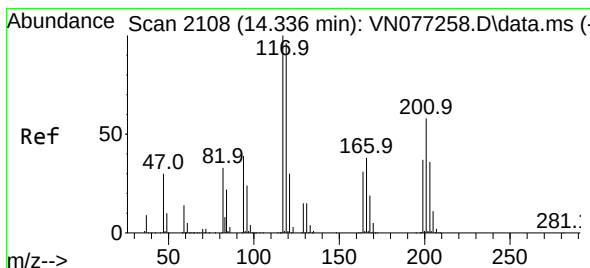
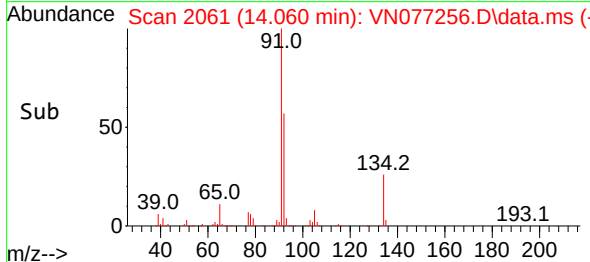
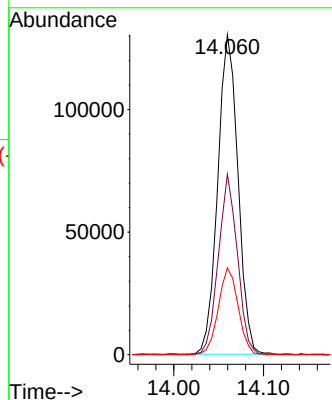
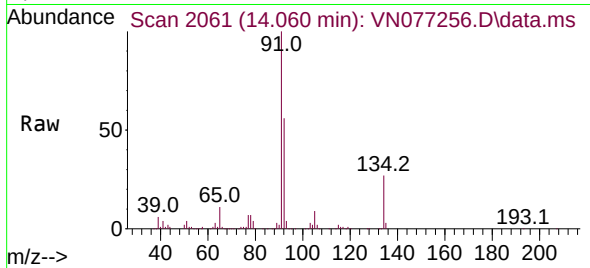
#89
n-Butylbenzene
Concen: 12.283 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 204540
Ion Ratio Lower Upper
91 100
92 53.2 27.0 80.8
134 26.6 13.6 40.7

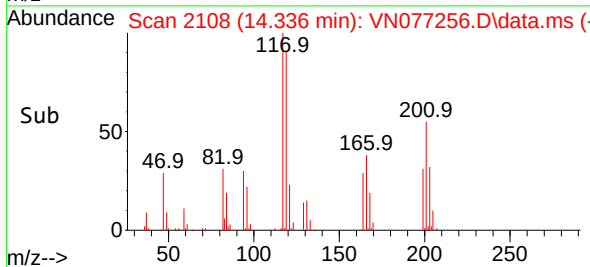
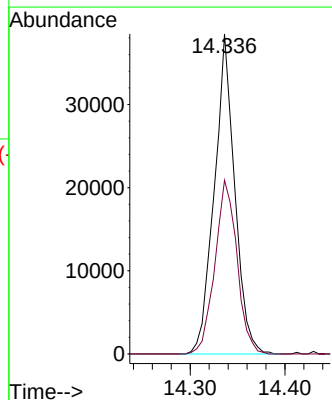
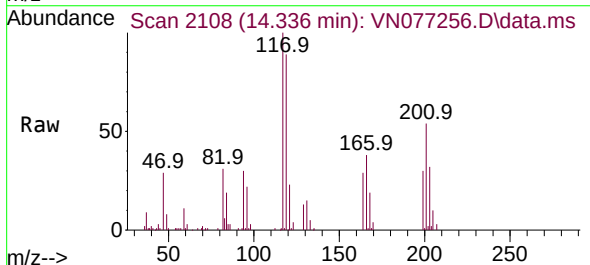
Manual Integrations
APPROVED

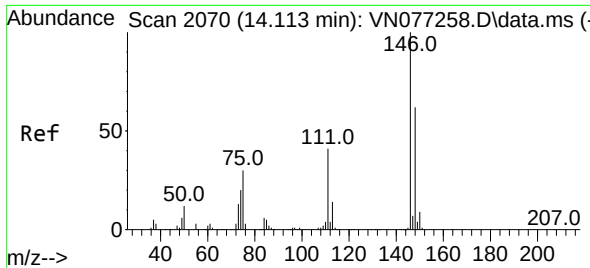
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#90
Hexachloroethane
Concen: 13.349 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion:117 Resp: 57735
Ion Ratio Lower Upper
117 100
201 58.6 45.1 135.2





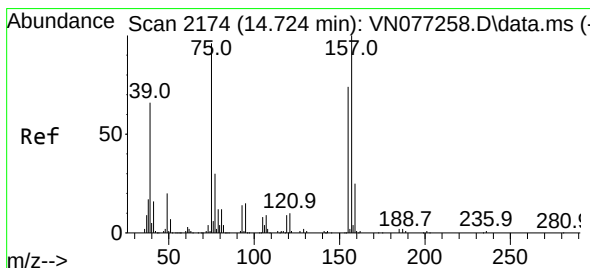
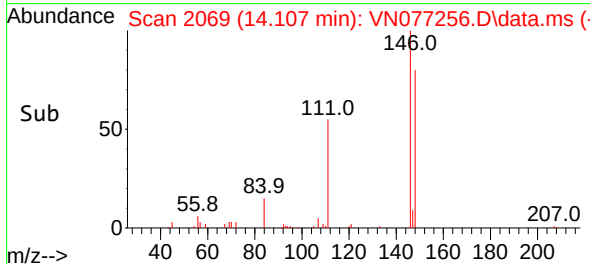
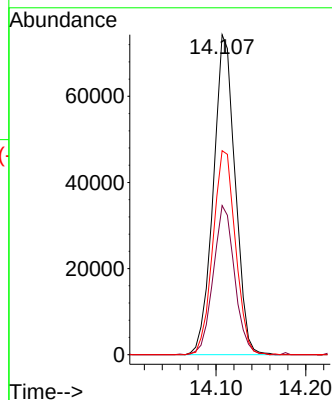
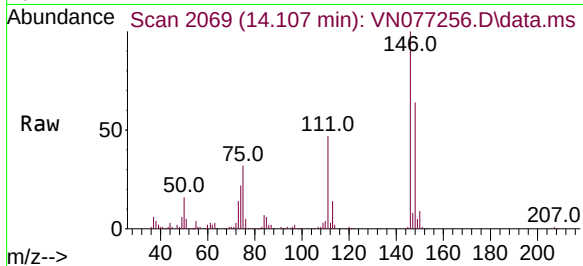
#91
1,2-Dichlorobenzene
Concen: 10.546 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 12546
Ion Ratio Lower Upper
146 100
111 45.7 19.6 58.7
148 65.9 31.8 95.4

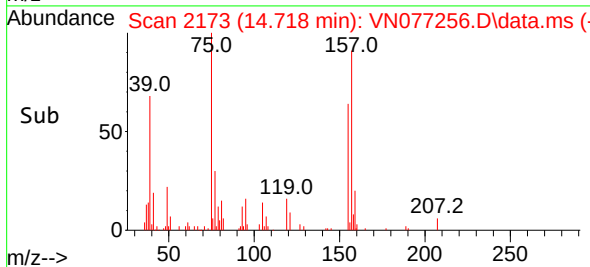
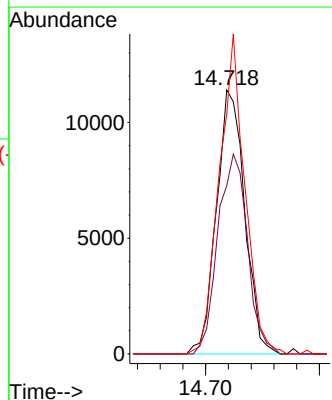
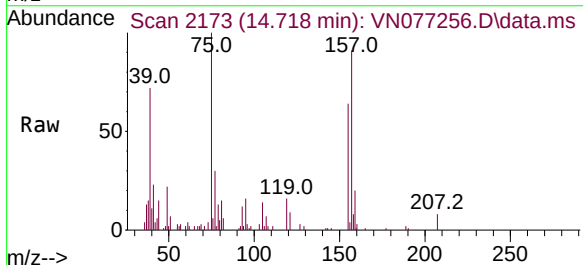
Manual Integrations
APPROVED

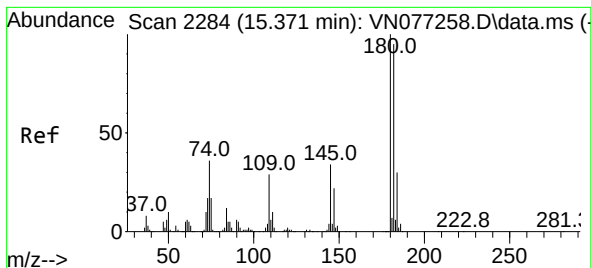
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 13.138 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 75 Resp: 19679
Ion Ratio Lower Upper
75 100
155 79.2 48.1 144.3
157 109.8 62.2 186.5





#93

1,2,4-Trichlorobenzene

Concen: 8.520 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

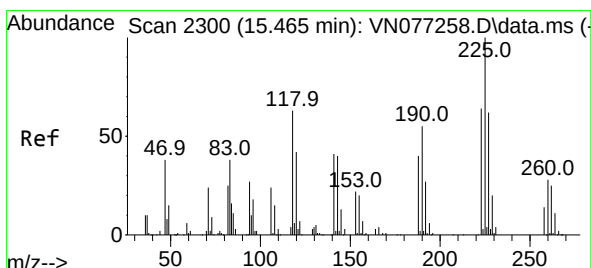
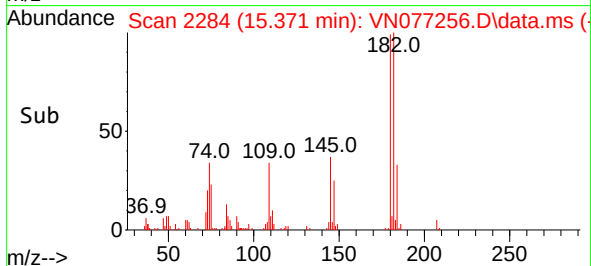
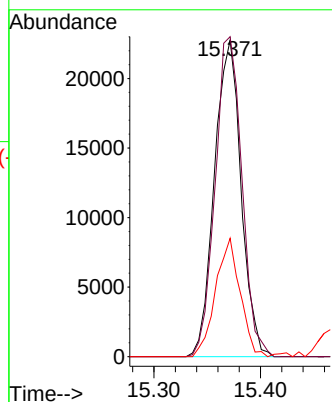
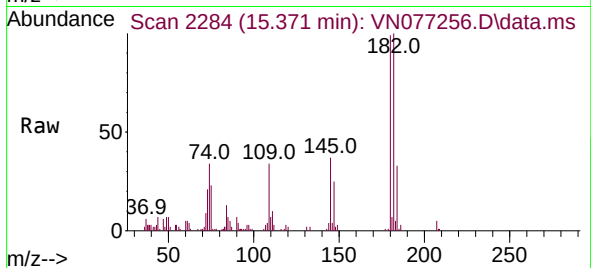
Tgt Ion:180	Resp:	3944
Ion Ratio	Lower	Upper
180	100	
182	101.5	47.9 143.8
145	34.5	13.9 41.6

Manual Integrations

APPROVED

Reviewed By :John Carbone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#94

Hexachlorobutadiene

Concen: 6.590 ug/l

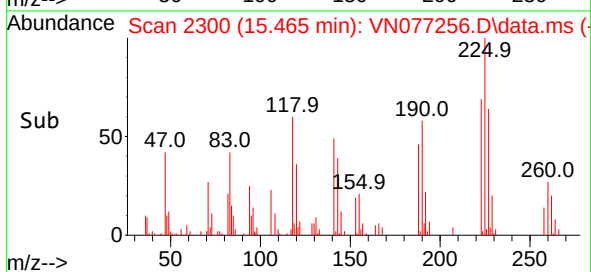
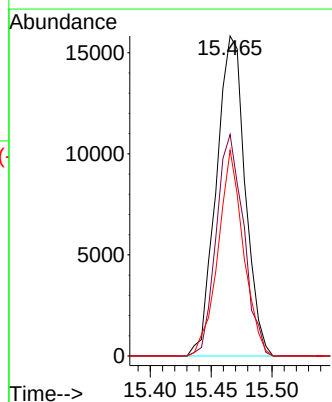
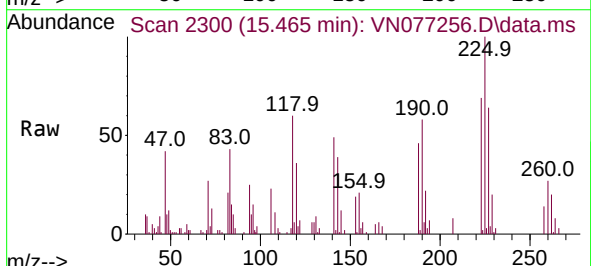
RT: 15.465 min Scan# 2300

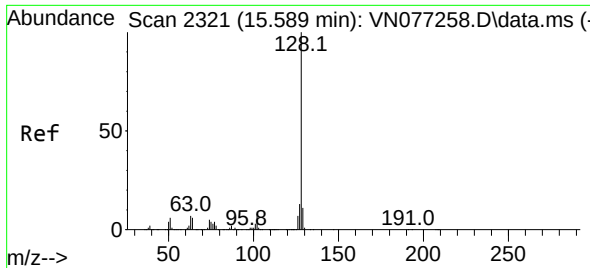
Delta R.T. 0.000 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

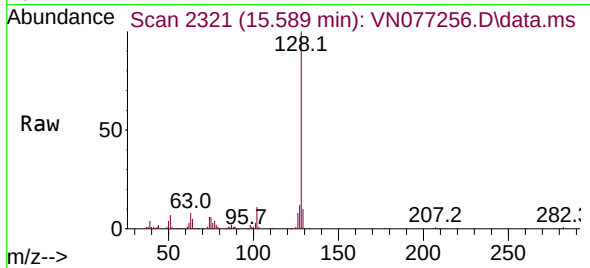
Tgt Ion:225	Resp:	26096
Ion Ratio	Lower	Upper
225	100	
223	65.5	31.1 93.2
227	56.7	32.3 96.8





#95
Naphthalene
Concen: 12.180 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

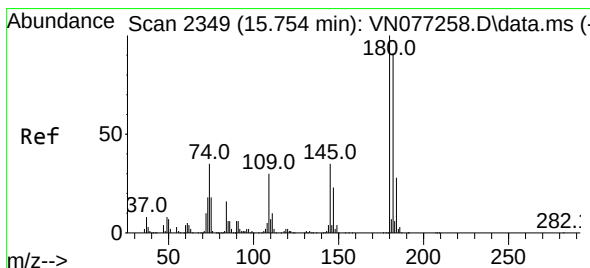
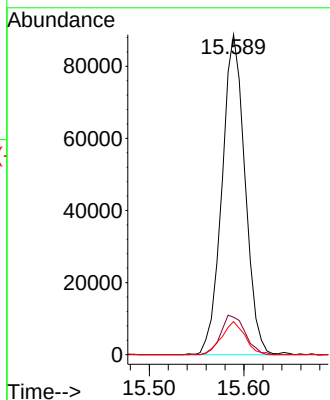
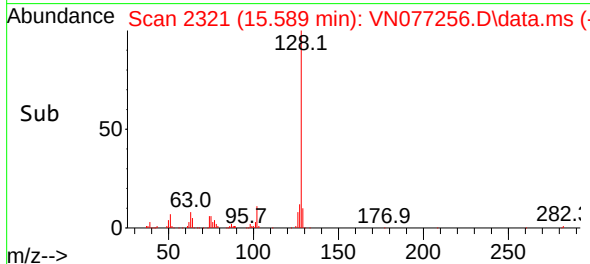
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



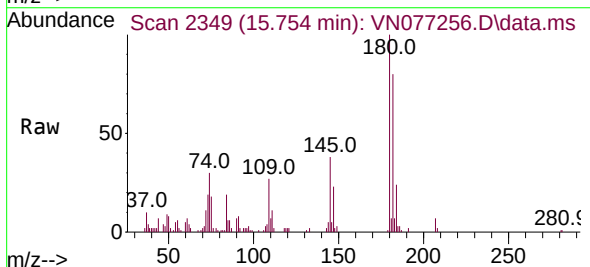
Tgt Ion:128 Resp: 149897
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 10.4 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carbone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#96
1,2,3-Trichlorobenzene
Concen: 8.570 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39



Tgt Ion:180 Resp: 38960
Ion Ratio Lower Upper
180 100
182 95.6 47.9 143.8
145 36.6 14.8 44.3

