

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050823\
 Data File : VN077609.D
 Acq On : 08 May 2023 10:58
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2023
 Supervised By : Mahesh Dadoda 05/09/2023

Quant Time: May 08 12:56:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon May 08 12:44:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	107332	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	652874	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	600347	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	238754	30.932	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.100%			
60) 4-Bromofluorobenzene	12.848	95	287202	30.086	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.300%			
63) Toluene-d8	10.572	98	839173	30.264	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.867%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	72961	10.354	ug/l	85
3) Chloromethane	2.372	50	59781	11.163	ug/l	98
4) Vinyl Chloride	2.525	62	90338	10.963	ug/l	100
5) Bromomethane	2.978	94	56972	10.372	ug/l	87
6) Chloroethane	3.137	64	58548	10.875	ug/l	97
7) Trichlorofluoromethane	3.507	101	140403	12.528	ug/l	93
8) Diethyl Ether	3.966	74	36997m	10.490	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.378	101	64888	10.733	ug/l	96
10) 1,1-Dichloroethene	4.349	96	61223	10.706	ug/l	97
11) Methyl Iodide	4.601	142	92633	10.415	ug/l	96
12) Methyl Acetate	5.043	43	73469	10.628	ug/l #	90
13) Acrolein	4.190	56	45179	53.355	ug/l	98
14) Acrylonitrile	5.731	53	110962	52.769	ug/l	95
15) Acetone	4.443	58	32974	51.520	ug/l	97
16) Carbon Disulfide	4.719	76	150716	10.972	ug/l	97
17) Allyl chloride	5.037	41	65123	11.034	ug/l	91
18) Methylene Chloride	5.290	84	84152	12.108	ug/l	95
19) trans-1,2-Dichloroethene	5.790	96	68065	10.580	ug/l	96
20) Diisopropyl ether	6.678	45	152056	10.532	ug/l #	88
21) 1,1-Dichloroethane	6.578	63	112064	10.582	ug/l #	92
22) cis-1,2-Dichloroethene	7.489	96	83470	10.767	ug/l	92
23) tert-Butyl Alcohol	5.531	59	45628m	55.326	ug/l	
24) Methyl tert-Butyl Ether	5.807	73	203560	10.516	ug/l	98
25) Chloroform	7.972	83	131900	10.449	ug/l	99
26) Cyclohexane	8.260	56	94207	10.836	ug/l #	98
29) 1,1-Dichloropropene	8.378	75	99730	10.611	ug/l	97
30) 2-Butanone	7.489	43	128130	51.145	ug/l #	53
31) 2,2-Dichloropropane	7.501	77	114650	10.470	ug/l	95
32) 1,1,1-Trichloroethane	8.172	97	120443	9.902	ug/l	99
33) Carbon Tetrachloride	8.372	117	102619	9.976	ug/l	97
34) Benzene	8.613	78	289319	10.195	ug/l #	94
35) Methacrylonitrile	7.789	41	28060	9.868	ug/l	96
36) 1,2-Dichloroethane	8.678	62	100401	10.612	ug/l	99
37) Trichloroethene	9.354	130	77258	10.531	ug/l	88
38) Methylcyclohexane	9.607	83	126980	10.493	ug/l	96
39) 1,2-Dichloropropane	9.625	63	65255	9.932	ug/l	97
40) Dibromomethane	9.713	93	52400	10.116	ug/l	92
41) Bromodichloromethane	9.889	83	106596	10.219	ug/l	93
42) Vinyl Acetate	6.613	43	472460m	56.129	ug/l	

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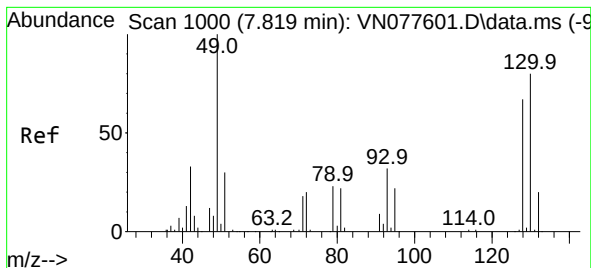
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	55085	10.247	ug/l	96
44) Isopropyl Acetate	8.695	43	99425	10.083	ug/l	89
45) 1,4-Dioxane	9.695	88	26767	218.435	ug/l	94
46) Methyl methacrylate	9.683	41	44031	9.945	ug/l	94
47) n-amyl Acetate	12.495	43	84517	9.955	ug/l	96
48) t-1,3-Dichloropropene	10.836	75	107708	10.243	ug/l	98
49) cis-1,3-Dichloropropene	10.319	75	118499	10.281	ug/l	96
50) 1,1,2-Trichloroethane	11.019	97	77500	10.389	ug/l	90
51) Ethyl methacrylate	10.878	69	96199	9.990	ug/l	90
52) 1,3-Dichloropropane	11.166	76	124382	10.312	ug/l	100
53) Dibromochloromethane	11.360	129	77379	9.970	ug/l	96
54) 1,2-Dibromoethane	11.472	107	74582	10.065	ug/l	98
55) 2-Chloroethyl vinyl ether	10.160	63	182740	41.964	ug/l	99
56) Bromoform	12.577	173	44150	9.668	ug/l	99
58) 4-Methyl-2-Pentanone	10.448	43	285317	51.608	ug/l	93
59) 2-Hexanone	11.195	43	206498	51.743	ug/l	95
61) Tetrachloroethene	11.107	164	60585	10.433	ug/l	98
62) Toluene	10.630	91	340994	10.259	ug/l	99
64) Chlorobenzene	11.895	112	213107	10.426	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.966	131	74747	10.136	ug/l	98
66) Ethyl Benzene	11.966	91	382443	10.385	ug/l	100
67) m/p-Xylenes	12.072	106	298118	20.574	ug/l	97
68) o-Xylene	12.401	106	143949	10.081	ug/l	97
69) Styrene	12.413	104	234086	10.252	ug/l	99
70) Isopropylbenzene	12.701	105	376709	10.157	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	103837	10.440	ug/l	94
72) 1,2,3-Trichloropropane	12.995	75	71375m	8.195	ug/l	
73) Bromobenzene	12.983	156	81076	10.454	ug/l	90
74) n-propylbenzene	13.036	91	438939	10.584	ug/l	100
75) 2-Chlorotoluene	13.130	91	256137	10.212	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	296953	10.131	ug/l	98
77) t-1,4-Dichloro-2-butene	12.742	75	27084	9.394	ug/l	92
78) 4-Chlorotoluene	13.224	91	259872	10.612	ug/l	100
79) tert-butylbenzene	13.442	119	274694	10.464	ug/l	97
80) 1,2,4-Trimethylbenzene	13.483	105	283329	9.960	ug/l	99
81) sec-Butylbenzene	13.619	105	388477	10.543	ug/l	97
82) p-Isopropyltoluene	13.736	119	320247	10.923	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	153714	10.674	ug/l	97
84) 1,4-Dichlorobenzene	13.813	146	149617	10.612	ug/l	98
85) n-Butylbenzene	14.060	91	273900	11.356	ug/l	99
86) Hexachloroethane	14.336	117	57647	10.551	ug/l	97
87) 1,2-Dichlorobenzene	14.107	146	148907	10.652	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.724	75	18759	10.379	ug/l	96
89) 1,2,4-Trichlorobenzene	15.401	180	48451	10.060	ug/l	99
90) Hexachlorobutadiene	15.507	225	35462	13.057	ug/l	94
91) Naphthalene	15.642	128	147396	8.959	ug/l	100
92) 1,2,3-Trichlorobenzene	15.848	180	43262	9.753	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.825 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN077609.D

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MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:128 Resp: 10733

Ion Ratio Lower Upper

128 100

49 128.5 0.0 369.8

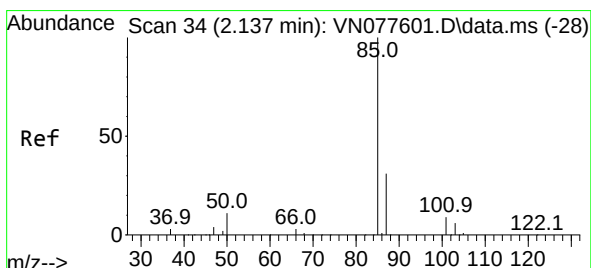
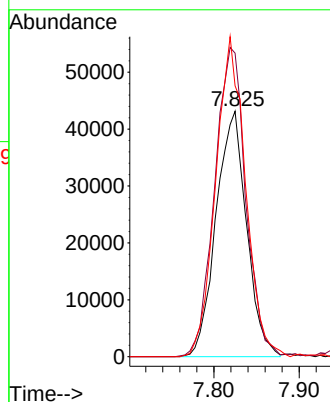
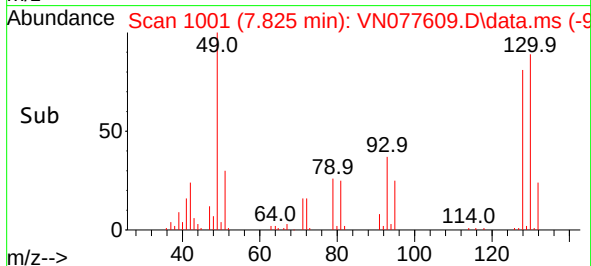
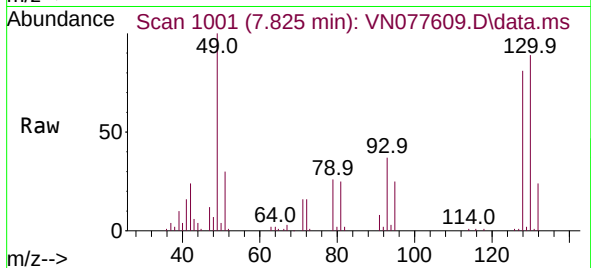
130 127.0 0.0 317.8

Manual Integrations

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Supervised By :Mahesh Dadoda 05/09/2023



#2

Dichlorodifluoromethane

Concen: 10.354 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN077609.D

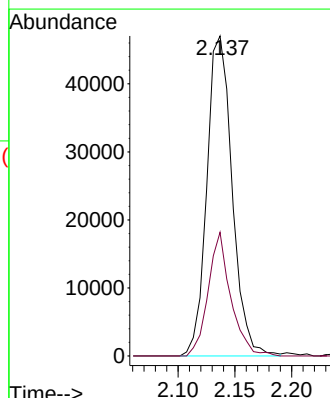
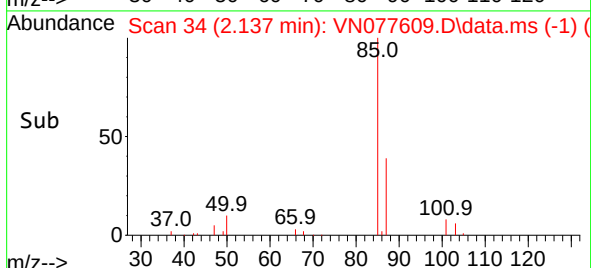
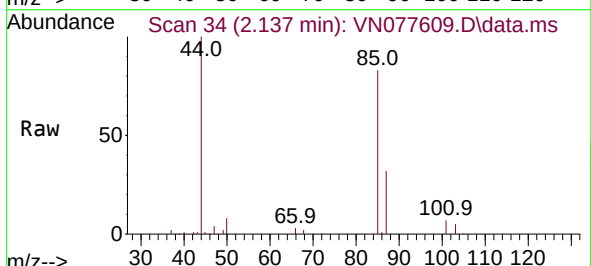
Acq: 08 May 2023 10:58

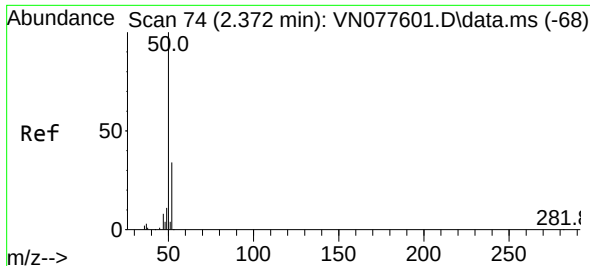
Tgt Ion: 85 Resp: 72961

Ion Ratio Lower Upper

85 100

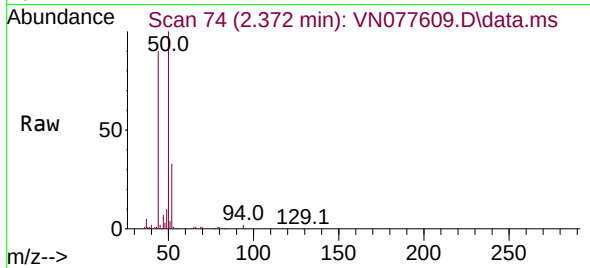
87 38.7 15.3 45.9





#3
Chloromethane
Concen: 11.163 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

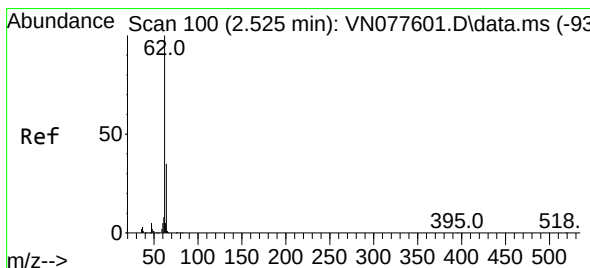
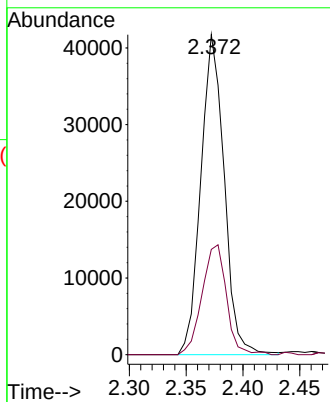
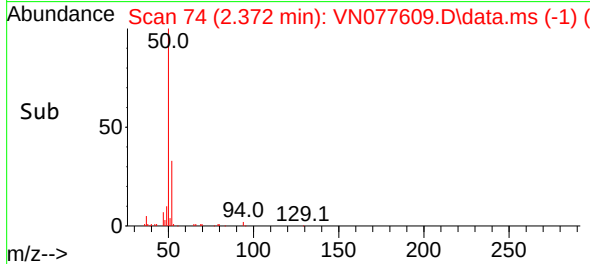
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



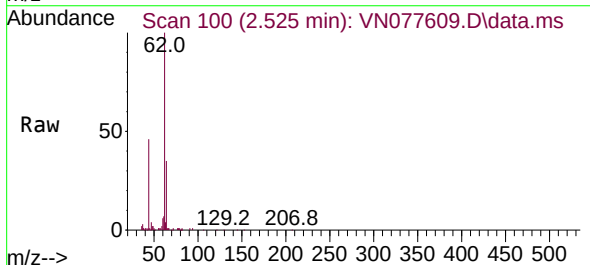
Tgt Ion: 50 Resp: 5978
Ion Ratio Lower Upper
50 100
52 32.9 27.3 40.9

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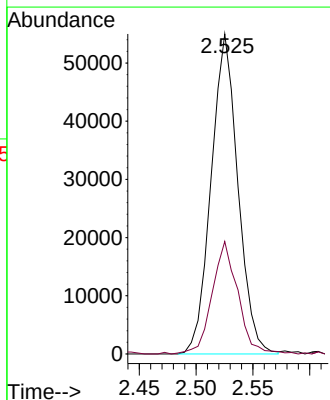
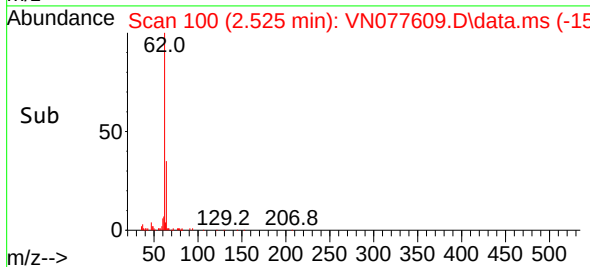
Reviewed By :John Carlone 05/09/2023
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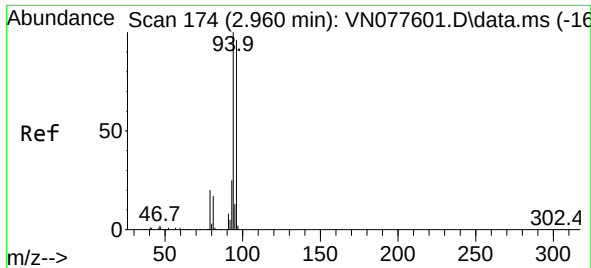


#4
Vinyl Chloride
Concen: 10.963 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58



Tgt Ion: 62 Resp: 90338
Ion Ratio Lower Upper
62 100
64 34.8 27.8 41.6





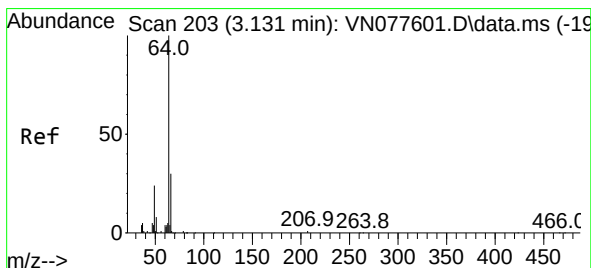
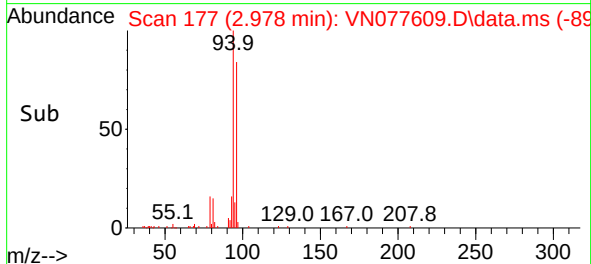
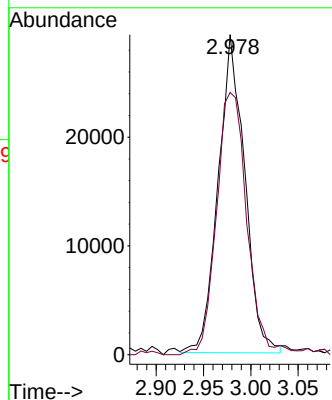
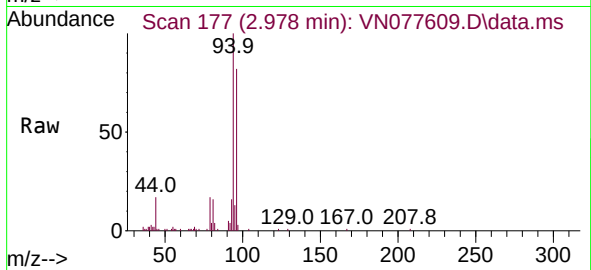
#5
Bromomethane
Concen: 10.372 ug/l
RT: 2.978 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Instrument :
MSVOA_N
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VSTDICC010

Tgt Ion: 94 Resp: 5697
Ion Ratio Lower Upper
94 100
96 82.8 76.7 115.1

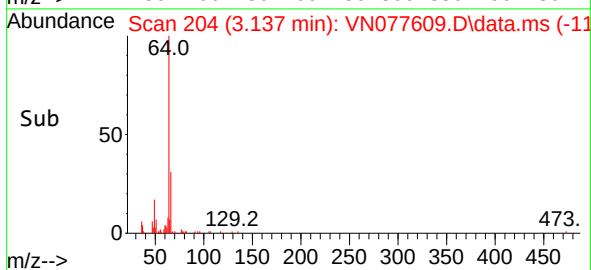
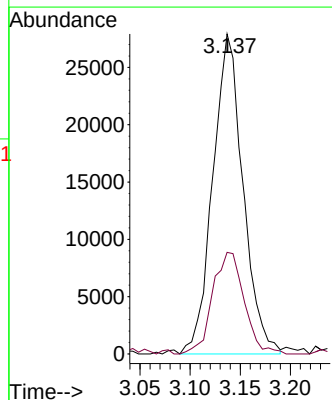
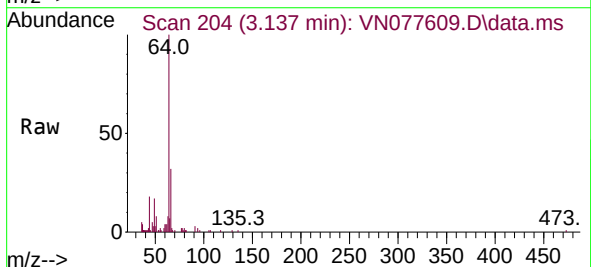
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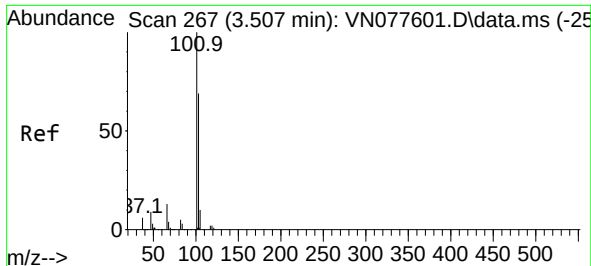
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#6
Chloroethane
Concen: 10.875 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.006 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Tgt Ion: 64 Resp: 58548
Ion Ratio Lower Upper
64 100
66 31.8 24.2 36.4





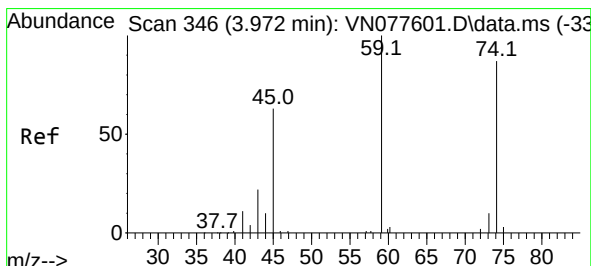
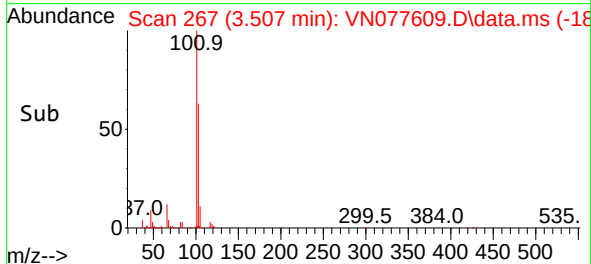
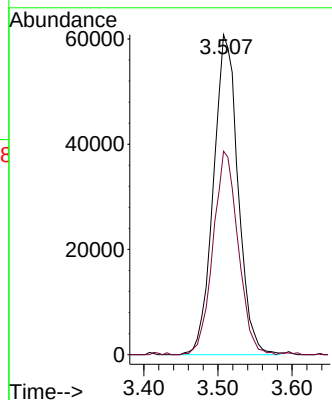
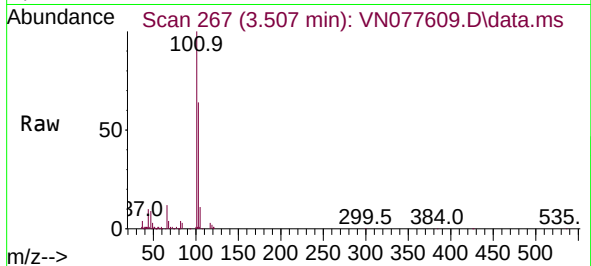
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Trichlorofluoromethane
Concen: 12.528 ug/l
RT: 3.507 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN077609.D
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Instrument :
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Tgt Ion:101 Resp: 14040
Ion Ratio Lower Upper
101 100
103 63.3 55.0 82.4

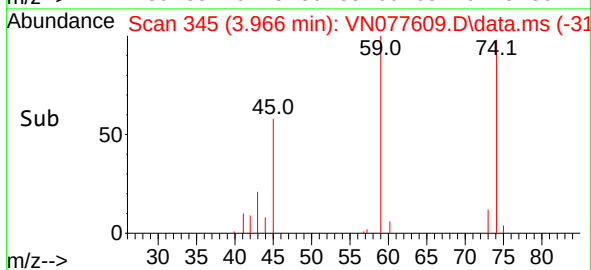
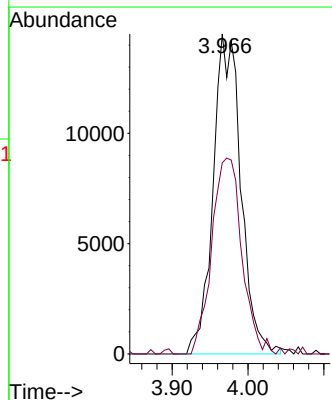
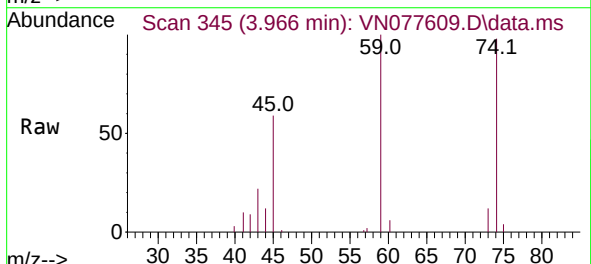
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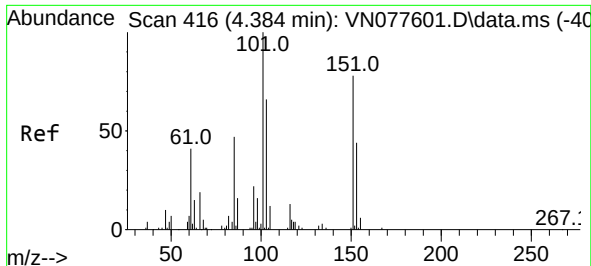
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#8
Diethyl Ether
Concen: 10.490 ug/l m
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Tgt Ion: 74 Resp: 36997
Ion Ratio Lower Upper
74 100
45 65.3 14.8 133.2





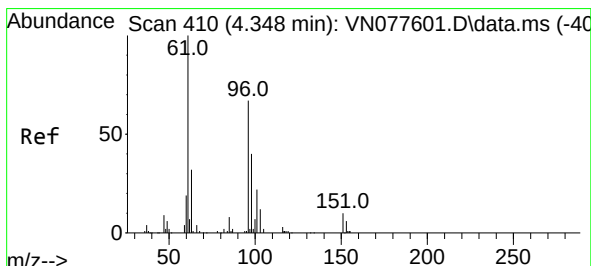
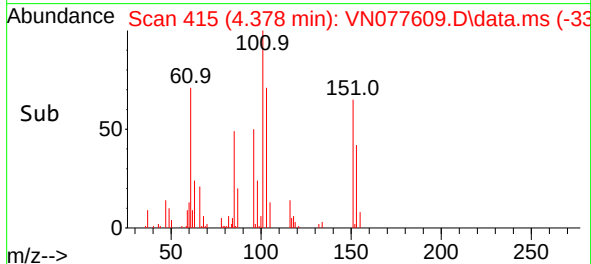
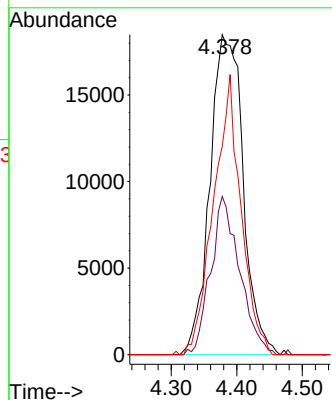
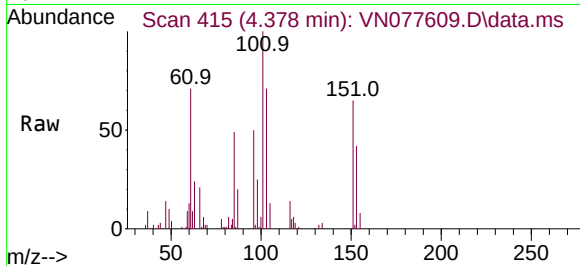
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.733 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 6488
Ion Ratio Lower Upper
101 100
85 43.5 0.0 92.6
151 72.2 0.0 137.4

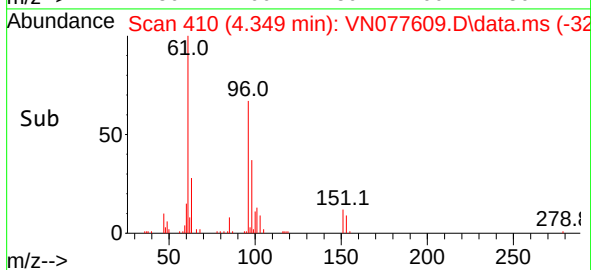
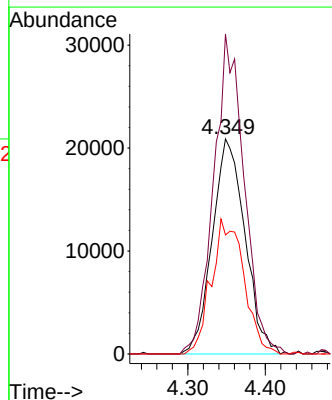
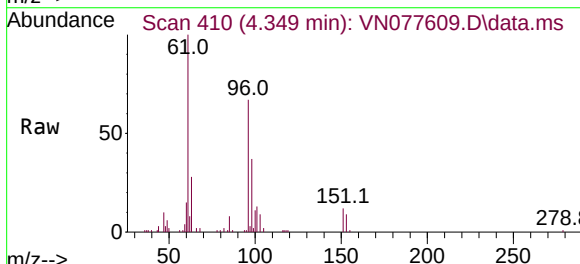
Manual Integrations
APPROVED

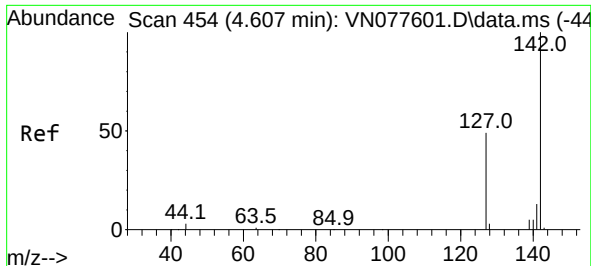
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#10
1,1-Dichloroethene
Concen: 10.706 ug/l
RT: 4.349 min Scan# 410
Delta R.T. 0.001 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Tgt Ion: 96 Resp: 61223
Ion Ratio Lower Upper
96 100
61 148.8 120.1 180.1
98 55.4 48.3 72.5





#11

Methyl Iodide

Concen: 10.415 ug/l

RT: 4.601 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN077609.D

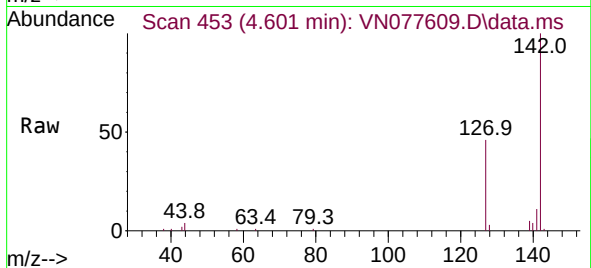
Acq: 08 May 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010



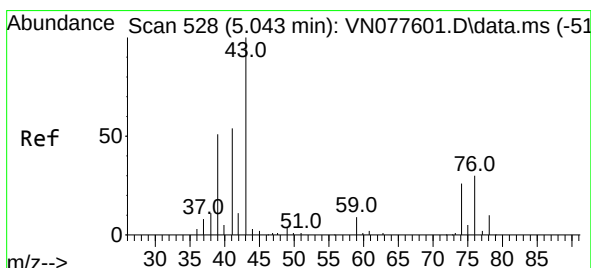
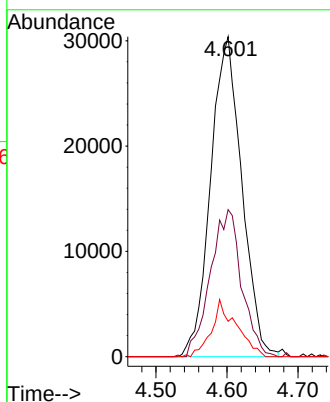
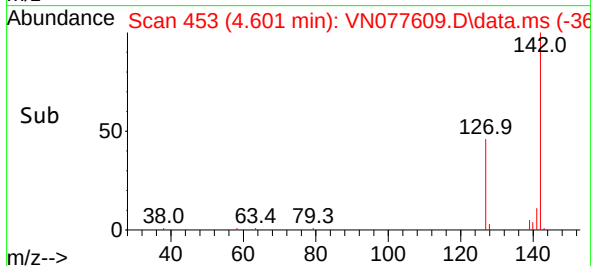
Tgt Ion:	142	Resp:	9263
Ion	Ratio	Lower	Upper
142	100		
127	46.0	24.6	73.6
141	11.1	6.4	19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#12

Methyl Acetate

Concen: 10.628 ug/l

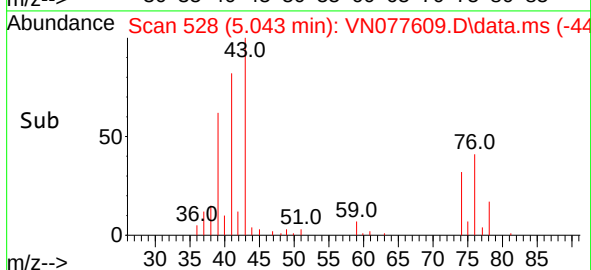
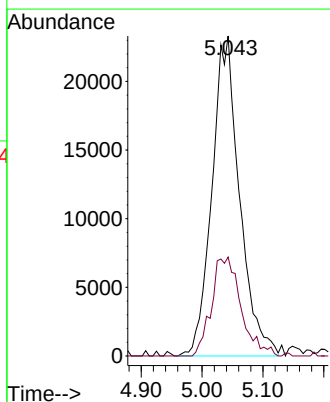
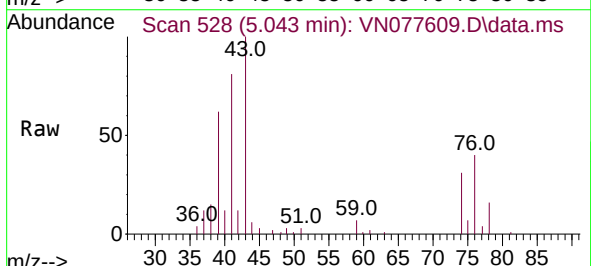
RT: 5.043 min Scan# 528

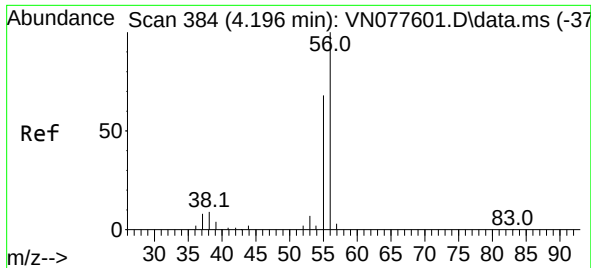
Delta R.T. -0.000 min

Lab File: VN077609.D

Acq: 08 May 2023 10:58

Tgt Ion:	43	Resp:	73469
Ion	Ratio	Lower	Upper
43	100		
74	31.0	20.6	31.0#





#13

Acrolein

Concen: 53.355 ug/l

RT: 4.190 min Scan# 384

Delta R.T. -0.006 min

Lab File: VN077609.D

Acq: 08 May 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 56 Resp: 45179

Ion Ratio Lower Upper

56 100

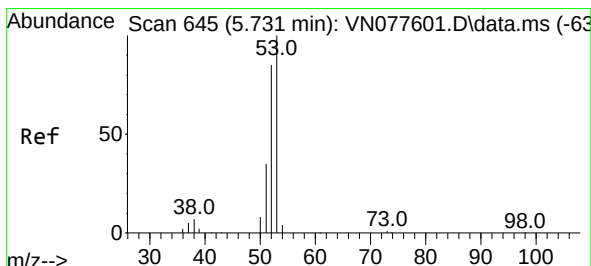
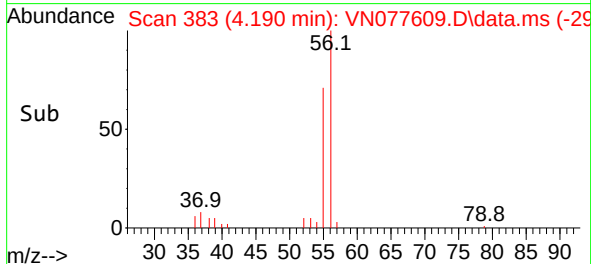
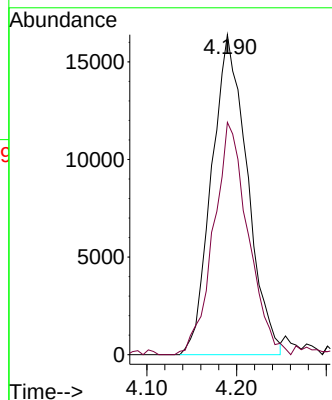
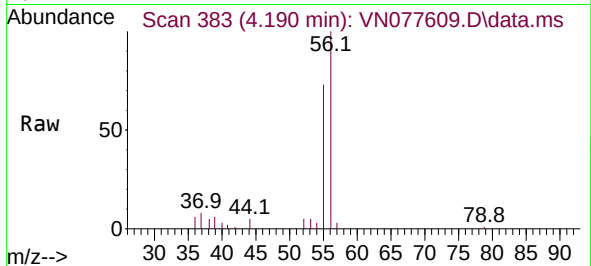
55 70.4 54.8 82.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#14

Acrylonitrile

Concen: 52.769 ug/l

RT: 5.731 min Scan# 645

Delta R.T. -0.000 min

Lab File: VN077609.D

Acq: 08 May 2023 10:58

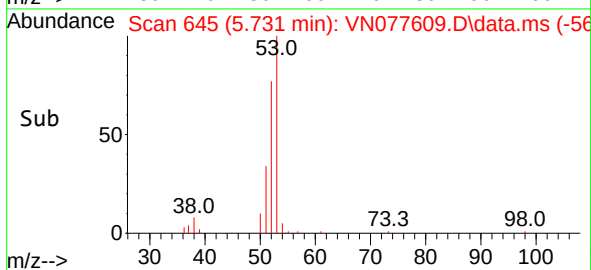
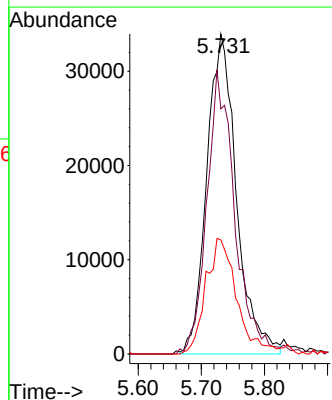
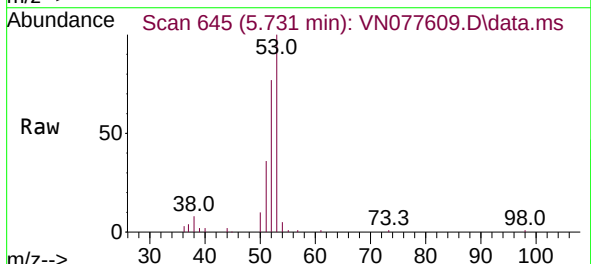
Tgt Ion: 53 Resp: 110962

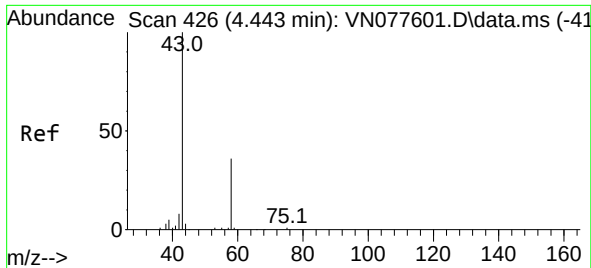
Ion Ratio Lower Upper

53 100

52 83.2 41.6 124.8

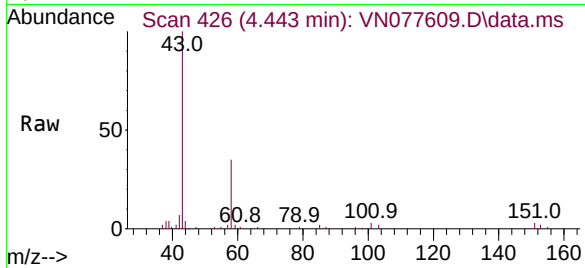
51 26.0 17.6 52.9





#15
Acetone
Concen: 51.520 ug/l
RT: 4.443 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

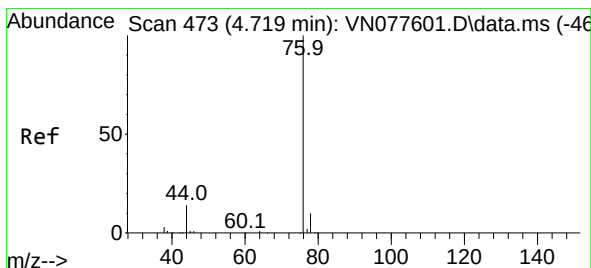
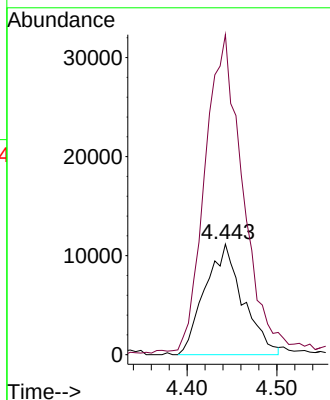
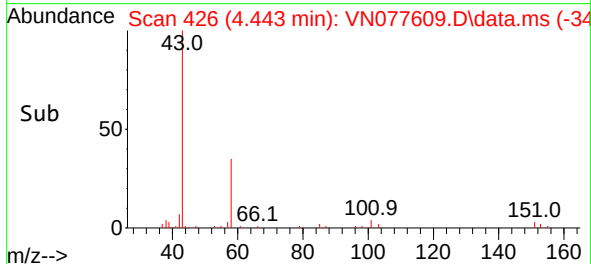
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



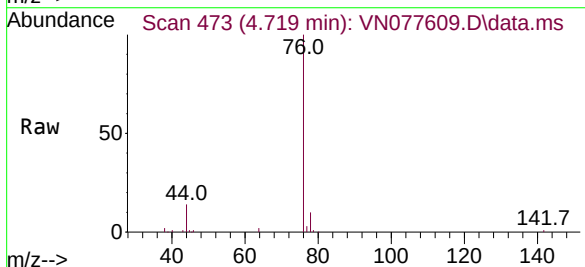
Tgt Ion: 58 Resp: 32974
Ion Ratio Lower Upper
58 100
43 285.3 223.2 334.8

Manual Integrations
APPROVED

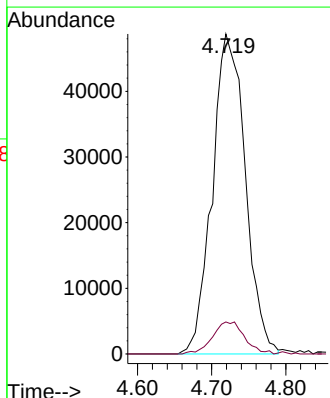
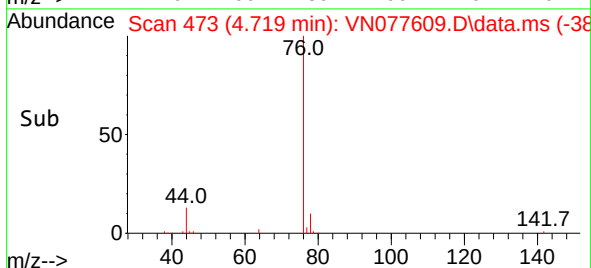
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

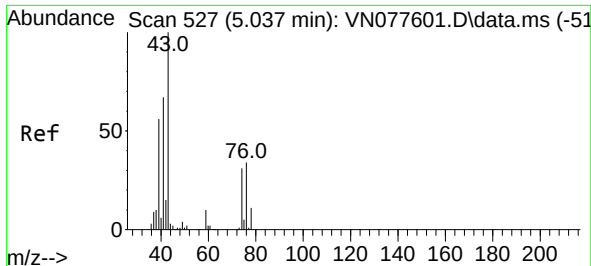


#16
Carbon Disulfide
Concen: 10.972 ug/l
RT: 4.719 min Scan# 473
Delta R.T. 0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58



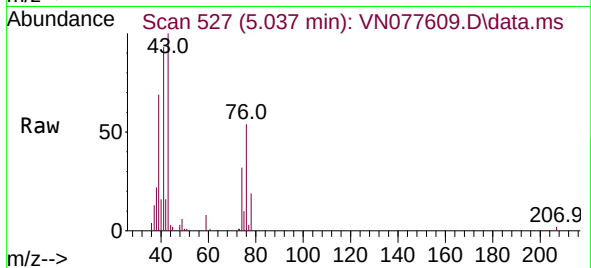
Tgt Ion: 76 Resp: 150716
Ion Ratio Lower Upper
76 100
78 10.5 7.6 11.4





#17
Allyl chloride
Concen: 11.034 ug/l
RT: 5.037 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

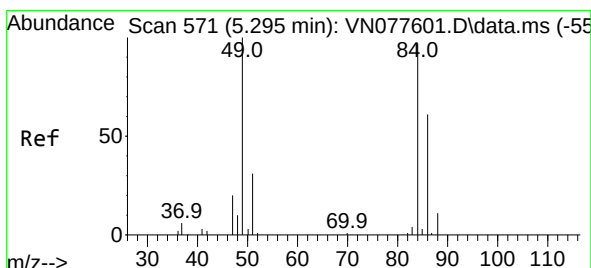
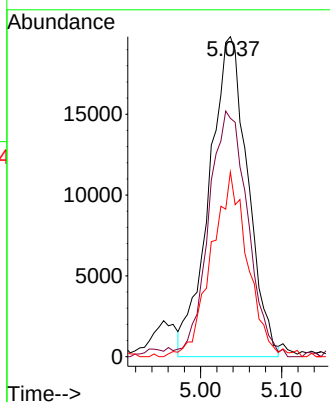
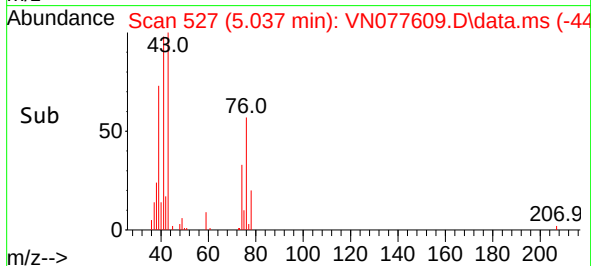
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 41 Resp: 6512
Ion Ratio Lower Upper
41 100
39 75.4 39.5 118.3
76 58.3 23.4 70.3

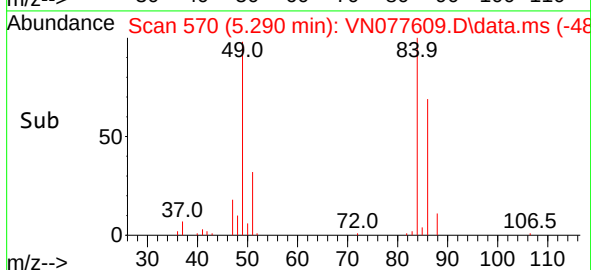
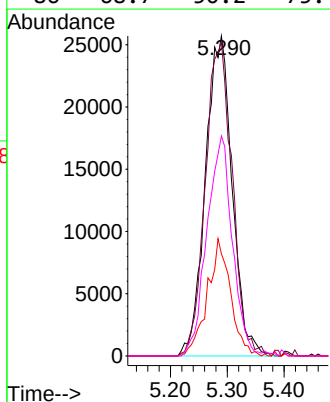
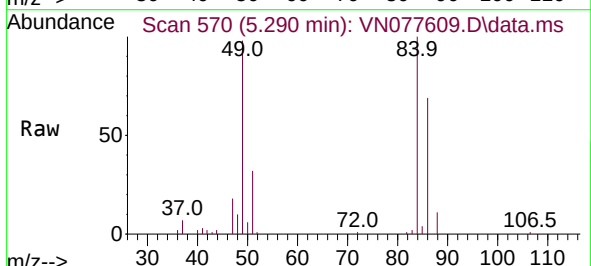
Manual Integrations
APPROVED

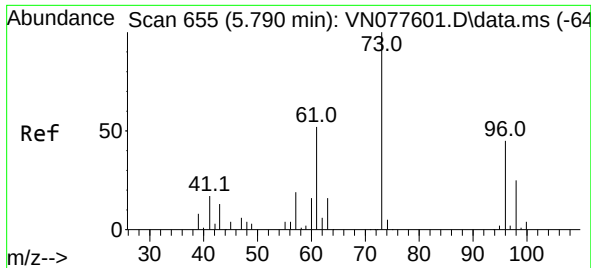
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#18
Methylene Chloride
Concen: 12.108 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.005 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Tgt Ion: 84 Resp: 84152
Ion Ratio Lower Upper
84 100
49 98.1 82.4 123.6
51 31.9 25.1 37.7
86 68.7 50.2 75.4





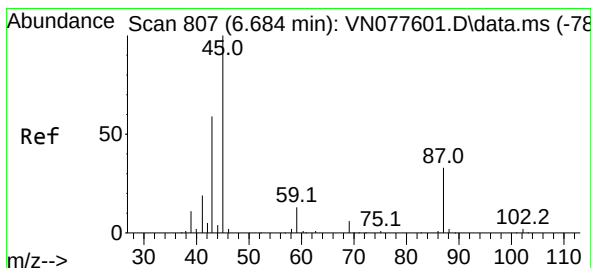
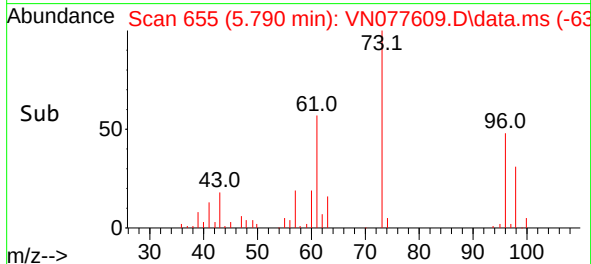
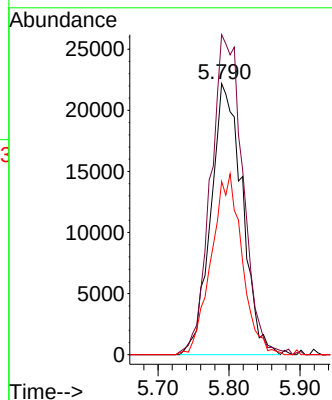
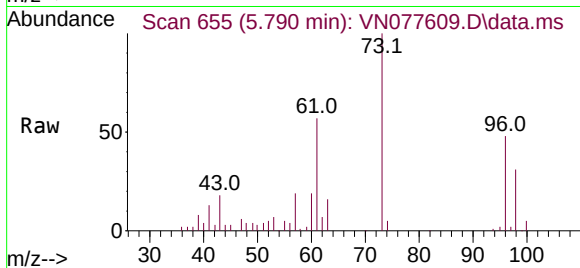
#19
trans-1,2-Dichloroethene
Concen: 10.580 ug/l
RT: 5.790 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 96 Resp: 6806
Ion Ratio Lower Upper
96 100
61 116.9 92.4 138.6
98 63.1 44.8 67.2

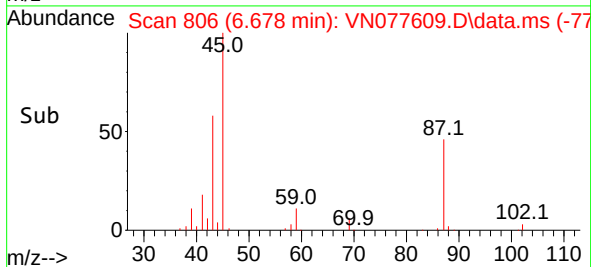
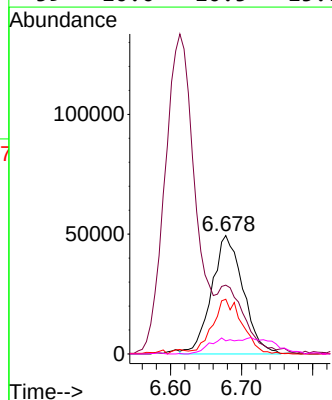
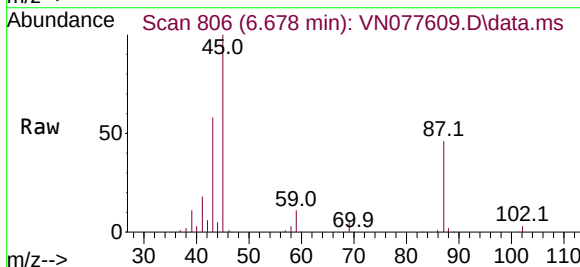
Manual Integrations
APPROVED

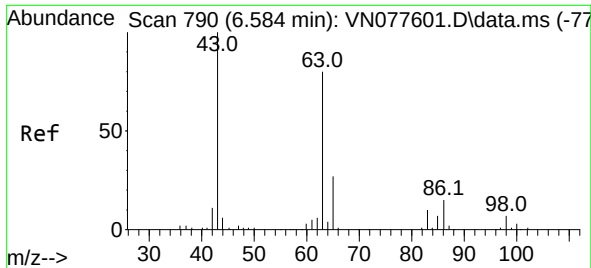
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#20
Diisopropyl ether
Concen: 10.532 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

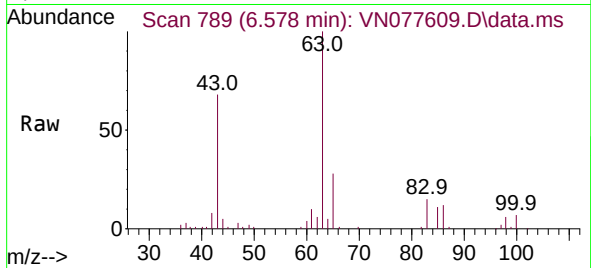
Tgt Ion: 45 Resp: 152056
Ion Ratio Lower Upper
45 100
43 54.1 47.1 70.7
87 45.7 26.2 39.2#
59 10.0 10.5 15.7#





#21
1,1-Dichloroethane
Concen: 10.582 ug/l
RT: 6.578 min Scan# 790
Delta R.T. -0.006 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

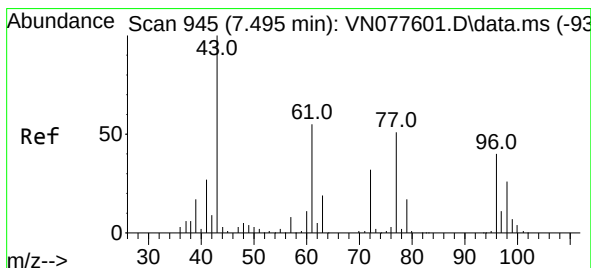
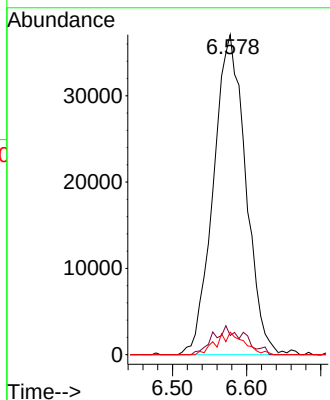
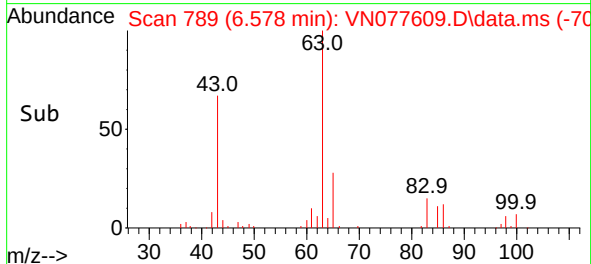
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



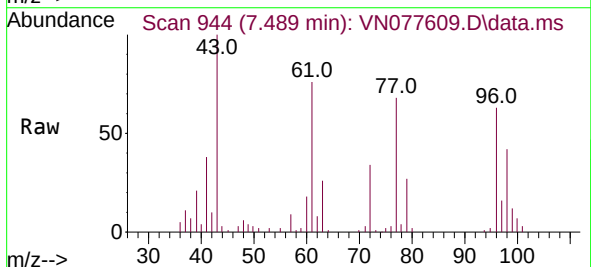
Tgt Ion: 63 Resp: 112064
Ion Ratio Lower Upper
63 100
98 6.0 4.3 13.1
100 7.1 2.3 6.8

Manual Integrations
APPROVED

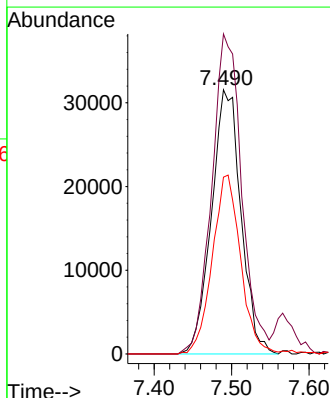
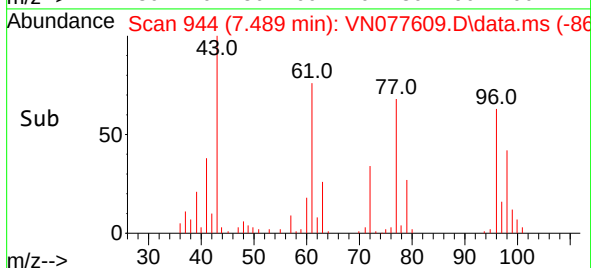
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

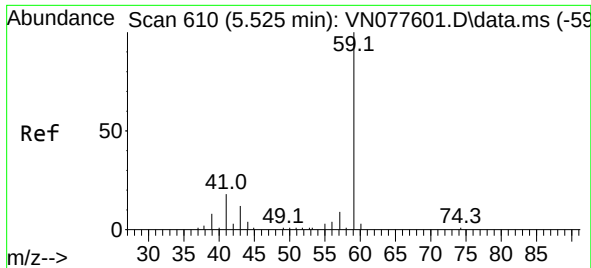


#22
cis-1,2-Dichloroethene
Concen: 10.767 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58



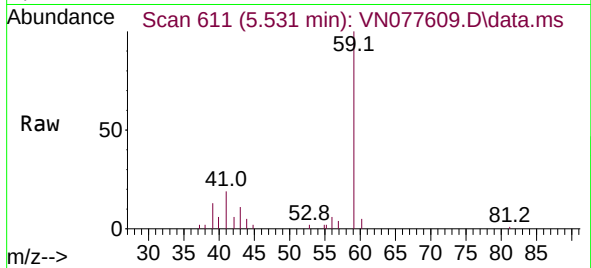
Tgt Ion: 96 Resp: 83470
Ion Ratio Lower Upper
96 100
61 122.9 109.4 164.0
98 65.0 51.2 76.8





#23
tert-Butyl Alcohol
Concen: 55.326 ug/l m
RT: 5.531 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

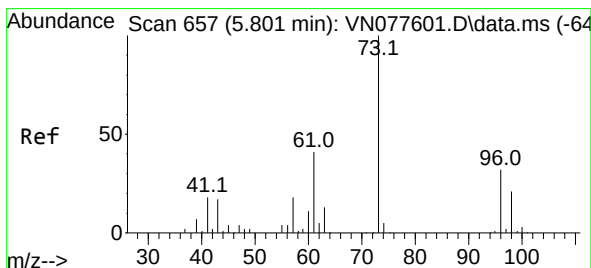
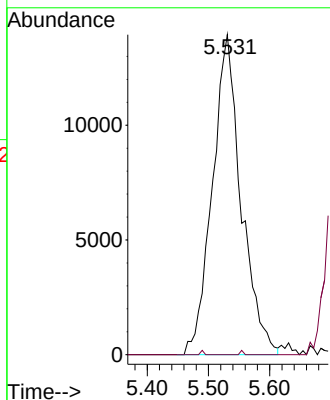
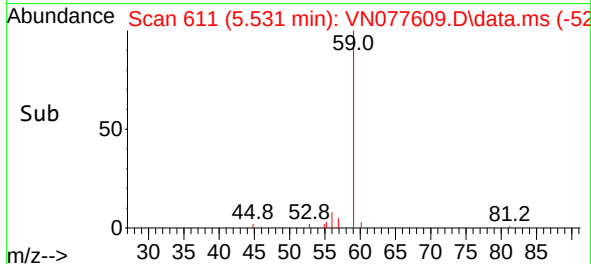
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



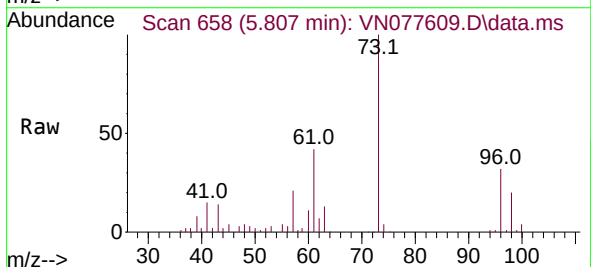
Tgt Ion: 59 Resp: 45628
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

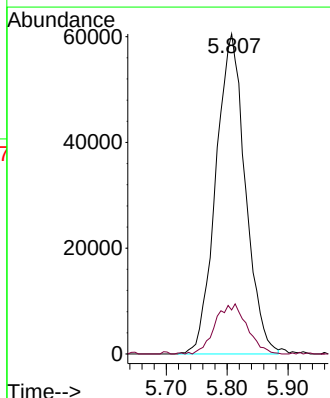
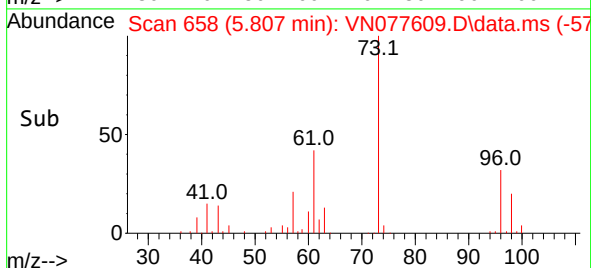
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

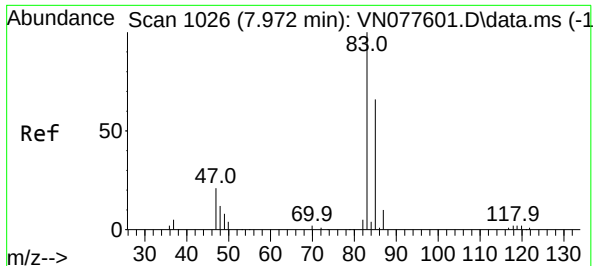


#24
Methyl tert-Butyl Ether
Concen: 10.516 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.006 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58



Tgt Ion: 73 Resp: 203560
Ion Ratio Lower Upper
73 100
43 16.9 14.3 21.5





#25

Chloroform

Concen: 10.449 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077609.D

Acq: 08 May 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 83 Resp: 131900

Ion Ratio Lower Upper

83 100

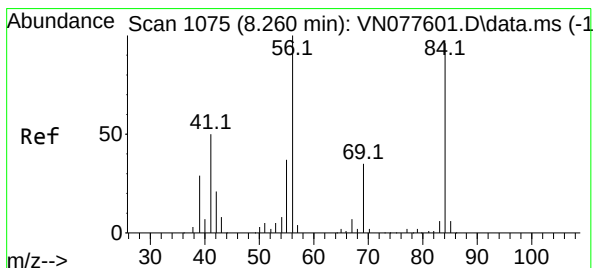
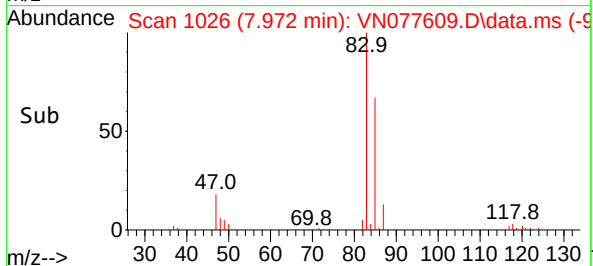
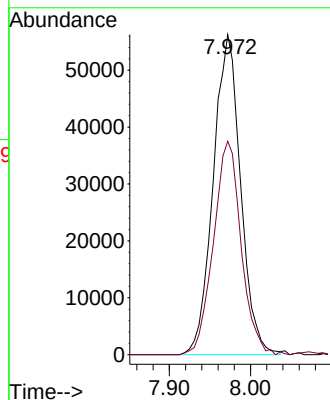
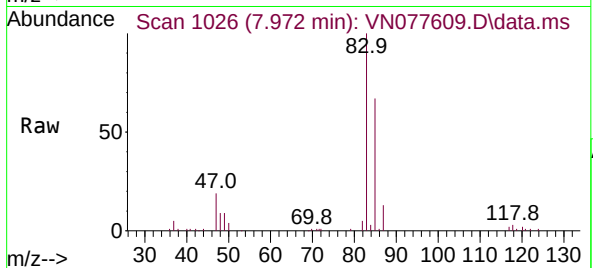
85 66.7 53.0 79.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#26

Cyclohexane

Concen: 10.836 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN077609.D

Acq: 08 May 2023 10:58

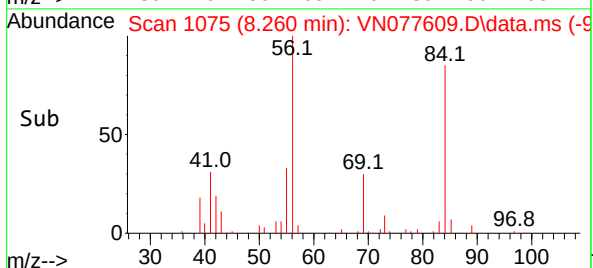
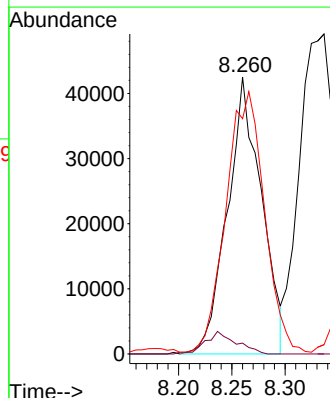
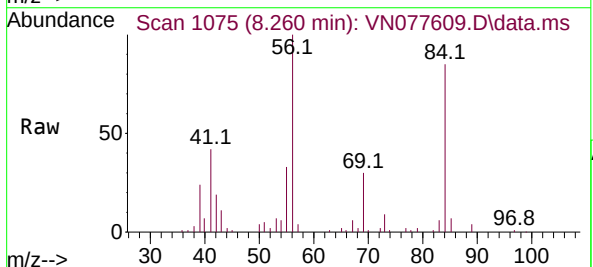
Tgt Ion: 56 Resp: 94207

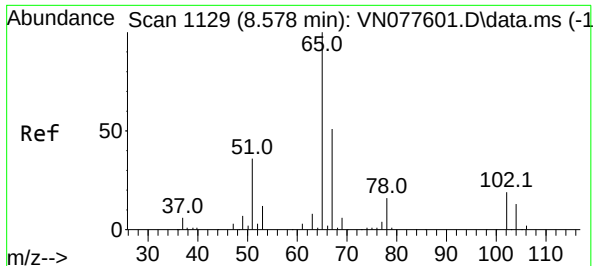
Ion Ratio Lower Upper

56 100

89 7.1 0.0 0.0#

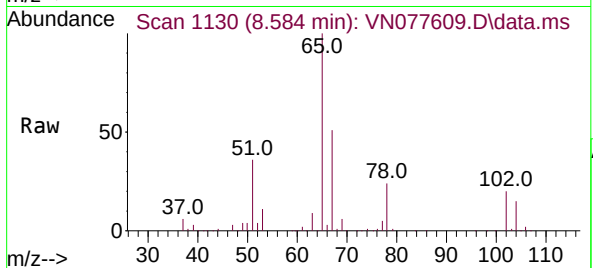
84 108.0 84.6 126.8





#27
1,2-Dichloroethane-d4
Concen: 30.932 ug/l
RT: 8.584 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

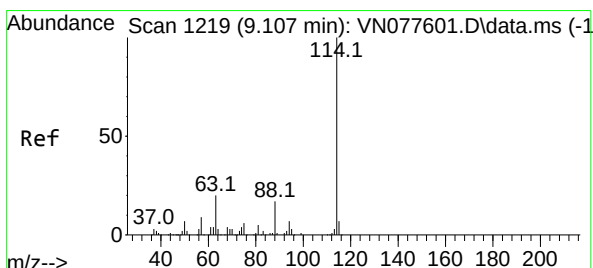
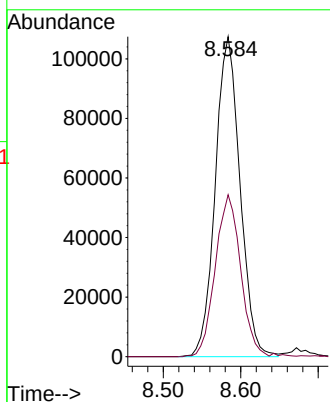
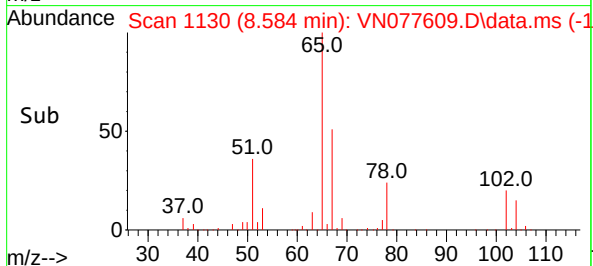
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 65 Resp: 238754
Ion Ratio Lower Upper
65 100
67 51.6 41.3 61.9

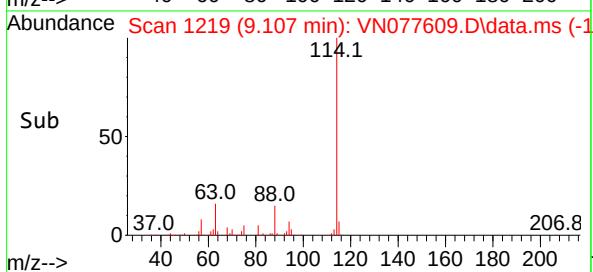
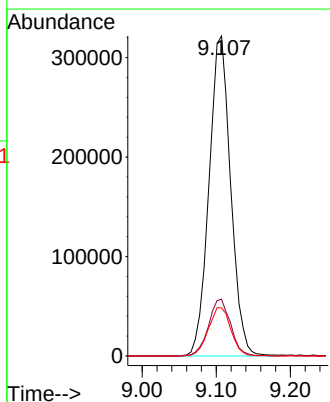
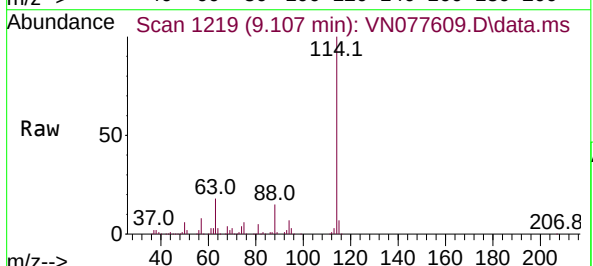
Manual Integrations
APPROVED

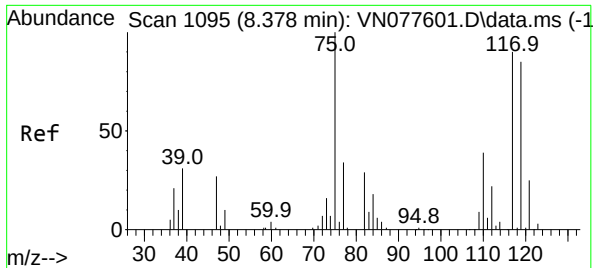
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Tgt Ion:114 Resp: 652874
Ion Ratio Lower Upper
114 100
63 18.0 15.8 23.6
88 15.7 13.0 19.4





#29
1,1-Dichloropropene
Concen: 10.611 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

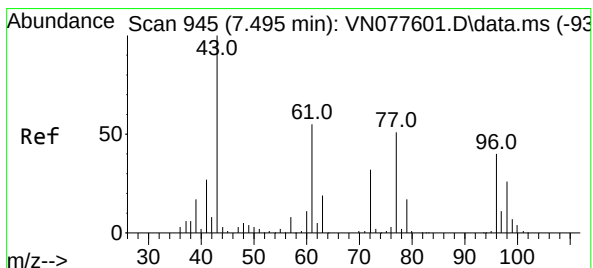
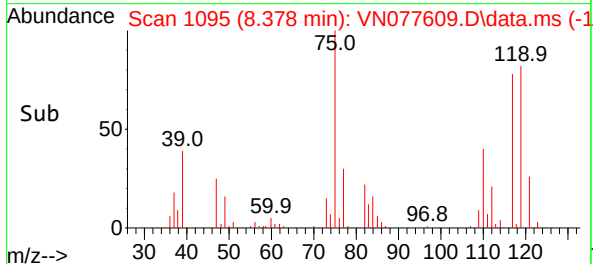
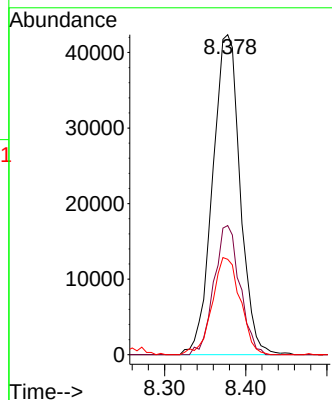
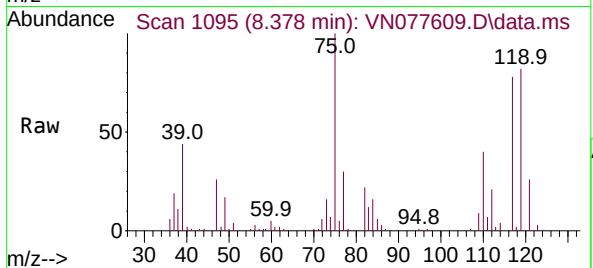
Tgt Ion: 75 Resp: 99730
Ion Ratio Lower Upper
75 100
110 38.0 0.0 69.8
77 30.9 0.0 61.4

Manual Integrations

APPROVED

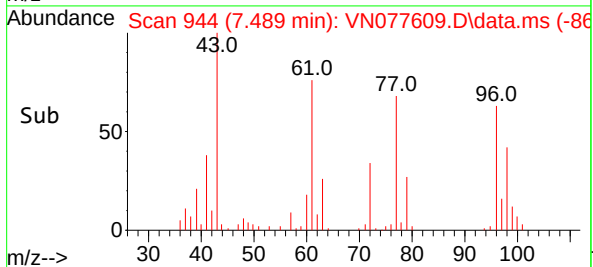
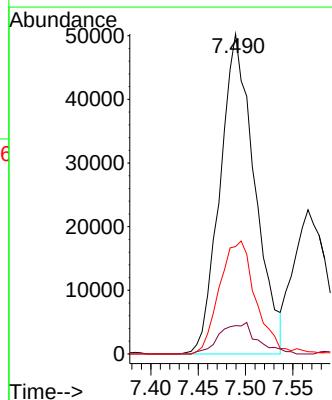
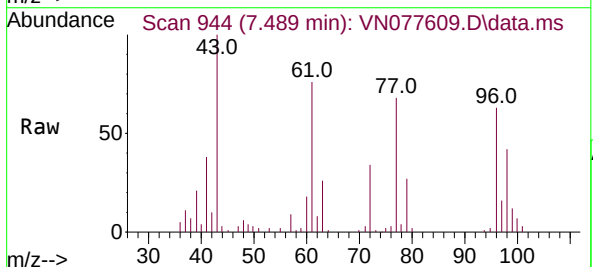
Reviewed By :John Carlone 05/09/2023

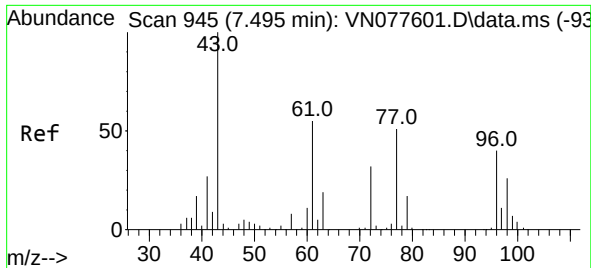
Supervised By :Mahesh Dadoda 05/09/2023



#30
2-Butanone
Concen: 51.145 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Tgt Ion: 43 Resp: 128130
Ion Ratio Lower Upper
43 100
57 6.4 7.2 10.8#
72 0.0 26.2 39.2#





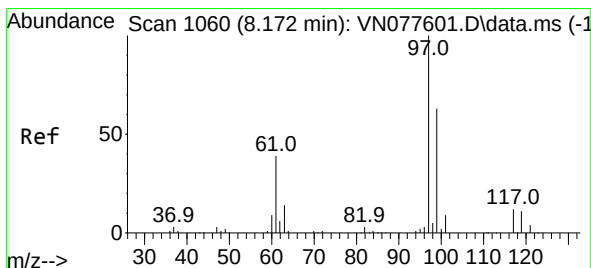
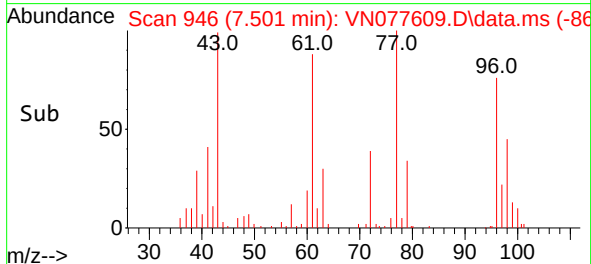
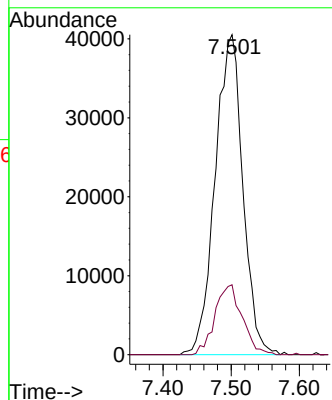
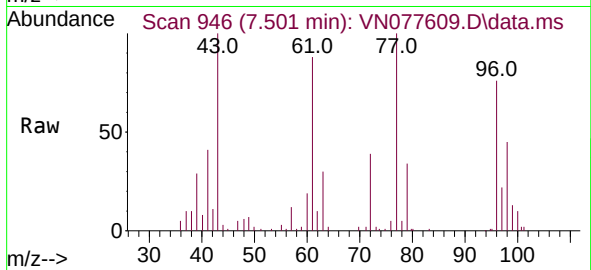
#31
2,2-Dichloropropane
Concen: 10.470 ug/l
RT: 7.501 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 77 Resp: 114650
Ion Ratio Lower Upper
77 100
97 21.5 19.1 28.7

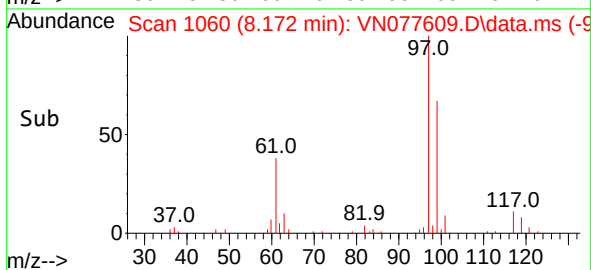
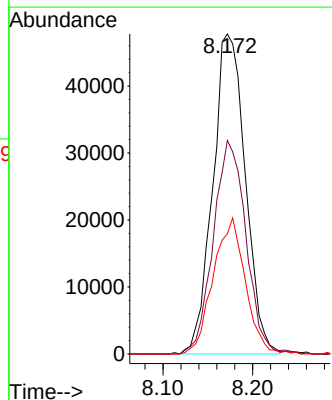
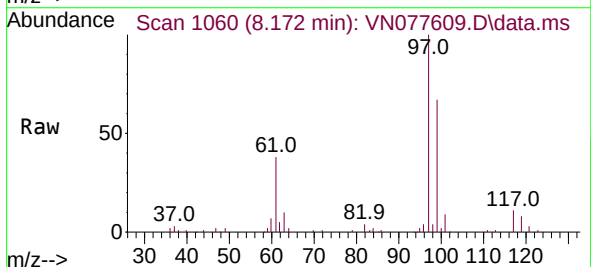
Manual Integrations
APPROVED

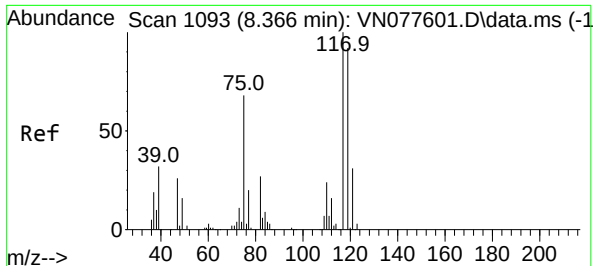
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#32
1,1,1-Trichloroethane
Concen: 9.902 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

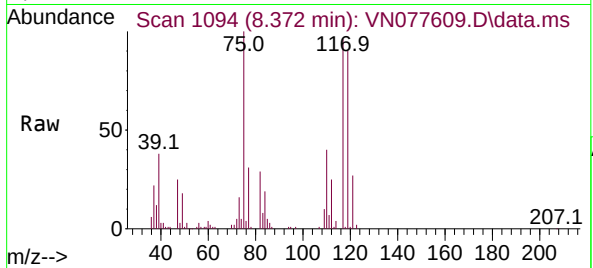
Tgt Ion: 97 Resp: 120443
Ion Ratio Lower Upper
97 100
99 66.3 53.1 79.7
61 41.9 35.1 52.7





#33
Carbon Tetrachloride
Concen: 9.976 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

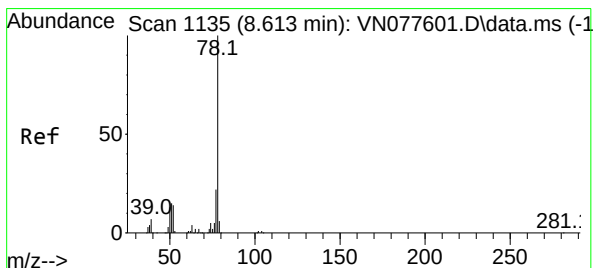
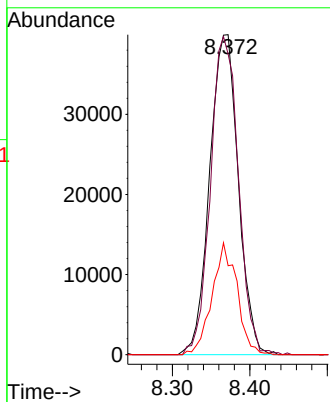
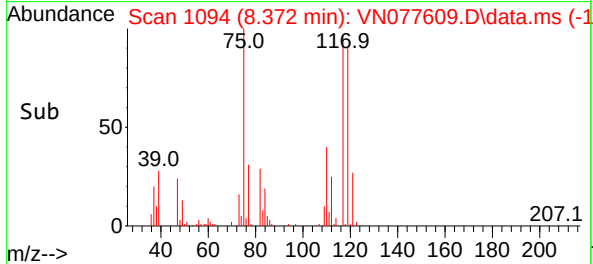
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



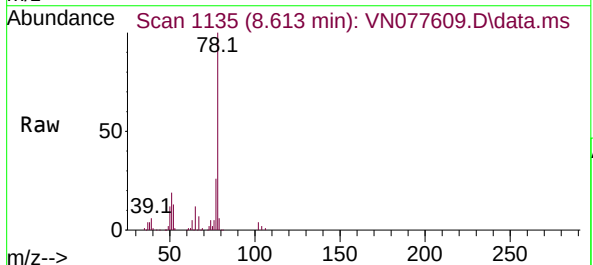
Tgt Ion: 117 Resp: 102619
Ion Ratio Lower Upper
117 100
119 94.0 73.9 110.9
121 27.8 25.0 37.4

Manual Integrations
APPROVED

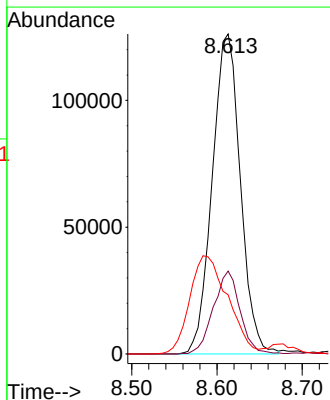
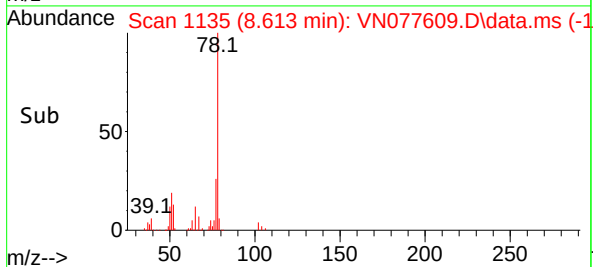
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

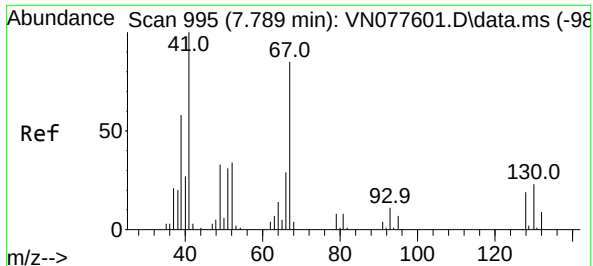


#34
Benzene
Concen: 10.195 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58



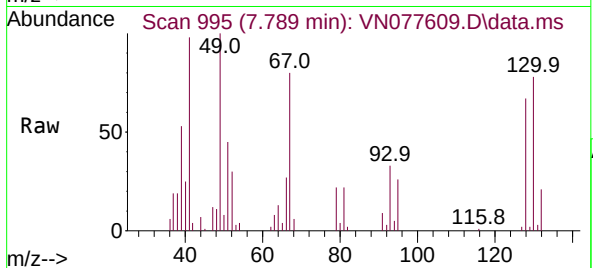
Tgt Ion: 78 Resp: 289319
Ion Ratio Lower Upper
78 100
77 25.9 17.2 25.8#
51 15.5 12.3 18.5





#35
Methacrylonitrile
Concen: 9.868 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

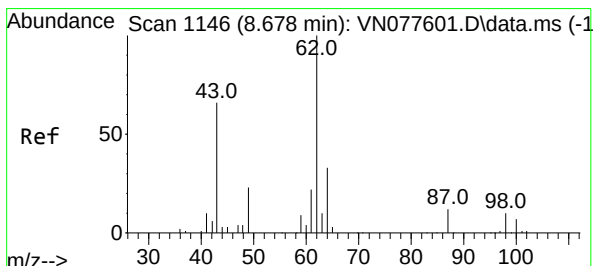
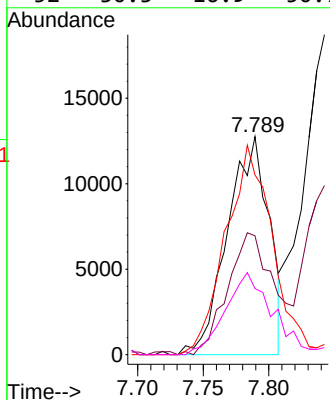
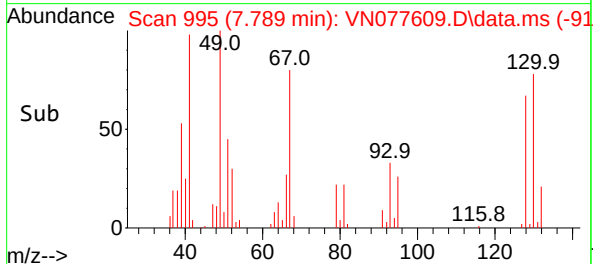
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



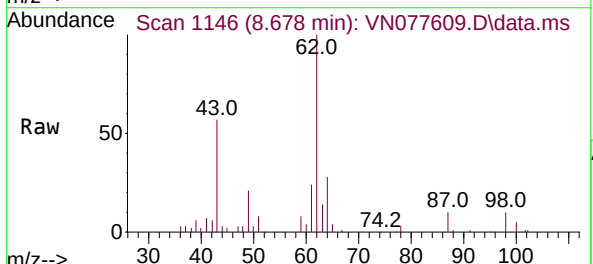
Tgt Ion:	41	Resp:	2806
Ion Ratio	100	Lower	Upper
41	100		
39	54.5	28.7	86.3
67	82.4	42.7	128.1
52	30.3	16.9	50.7

Manual Integrations
APPROVED

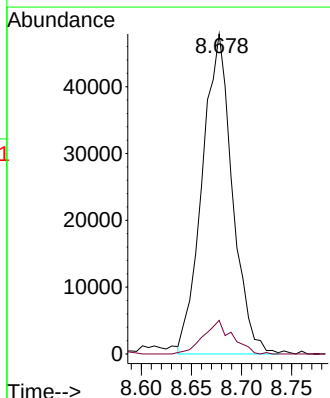
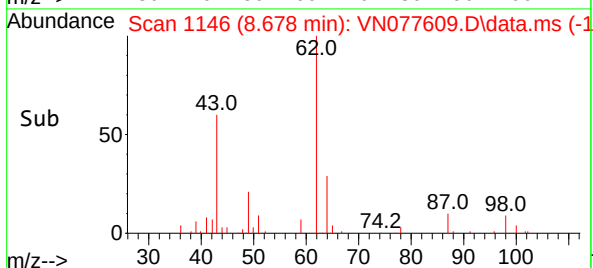
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

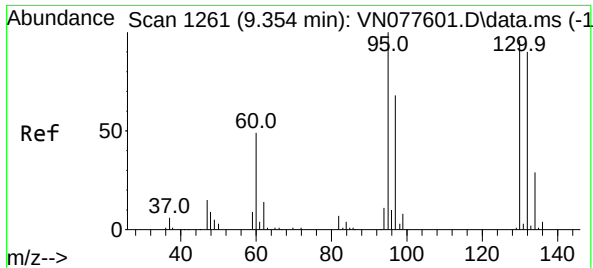


#36
1,2-Dichloroethane
Concen: 10.612 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58



Tgt Ion:	62	Resp:	100401
Ion Ratio	100	Lower	Upper
62	100		
98	9.9	7.6	11.4





#37

Trichloroethene

Concen: 10.531 ug/l

RT: 9.354 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077609.D

Acq: 08 May 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion:130 Resp: 77258

Ion Ratio Lower Upper

130 100

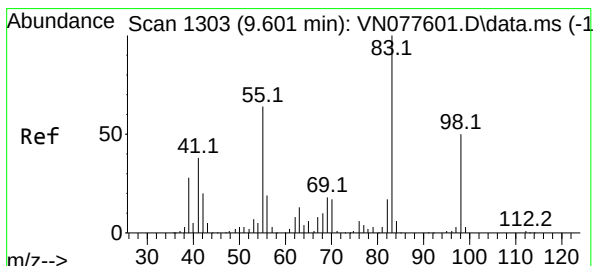
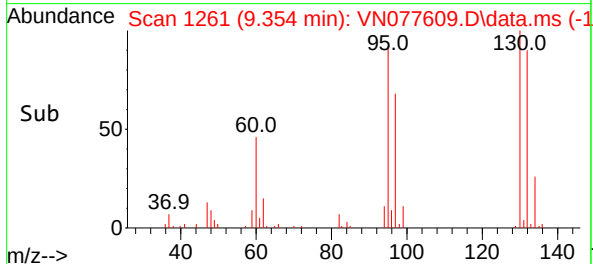
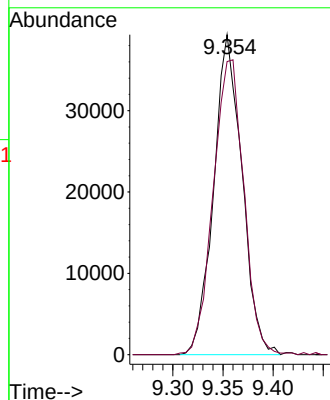
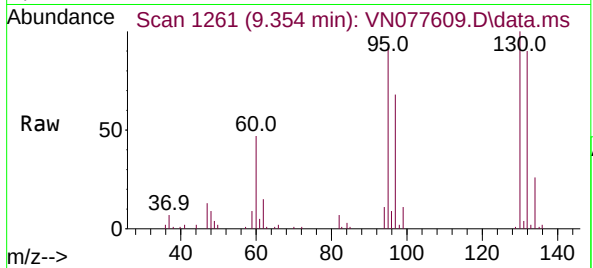
95 91.1 83.0 124.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#38

Methylcyclohexane

Concen: 10.493 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. 0.006 min

Lab File: VN077609.D

Acq: 08 May 2023 10:58

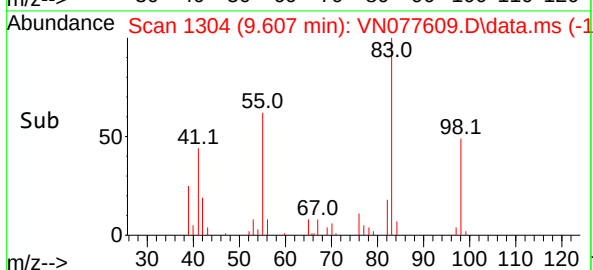
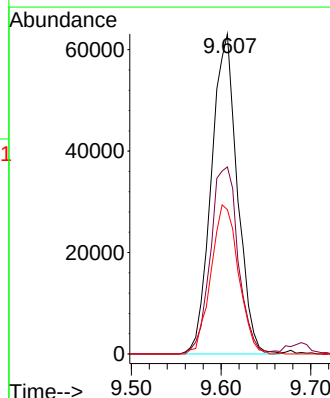
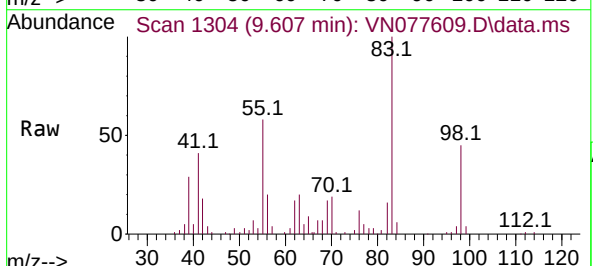
Tgt Ion: 83 Resp: 126980

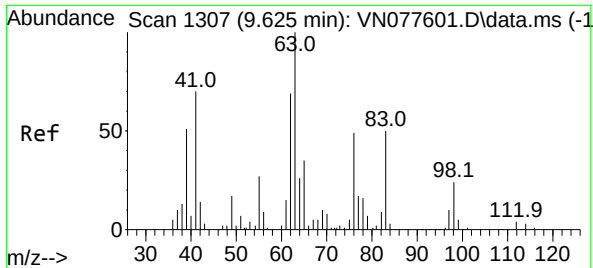
Ion Ratio Lower Upper

83 100

55 62.2 33.6 100.8

98 49.2 25.3 75.8





#39

1,2-Dichloropropane

Concen: 9.932 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077609.D

Acq: 08 May 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 6525

Ion Ratio Lower Upper

63 100

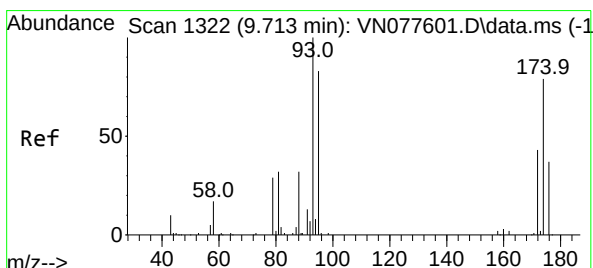
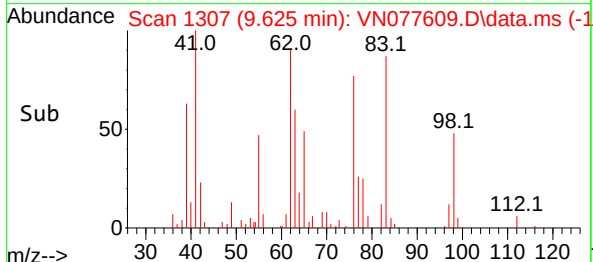
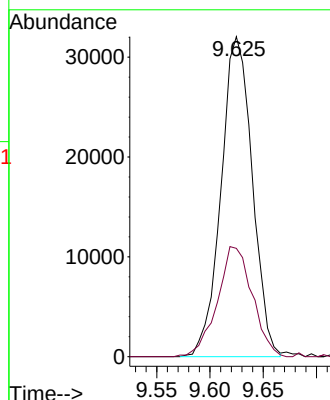
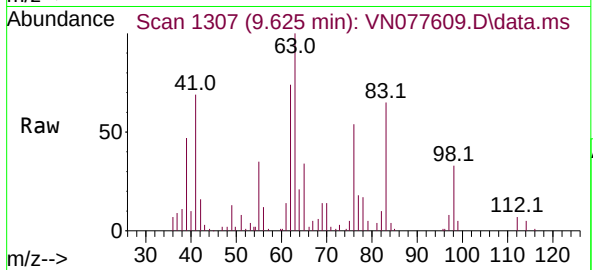
65 33.3 28.2 42.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#40

Dibromomethane

Concen: 10.116 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077609.D

Acq: 08 May 2023 10:58

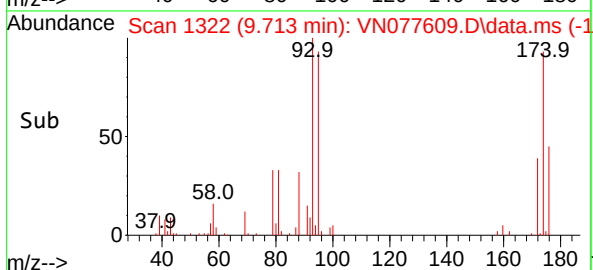
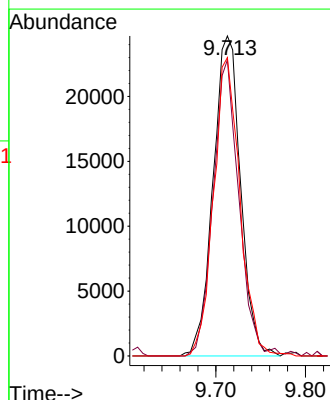
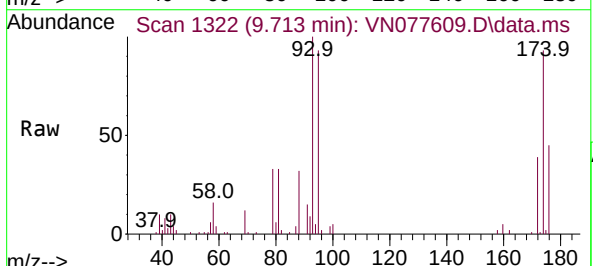
Tgt Ion: 93 Resp: 52400

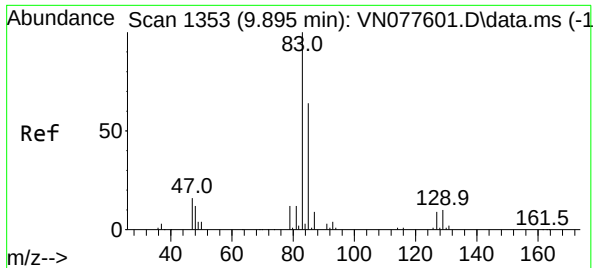
Ion Ratio Lower Upper

93 100

95 85.8 0.0 164.0

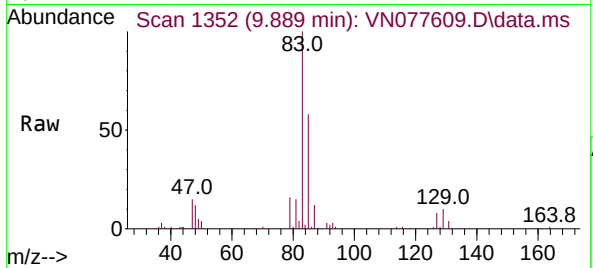
174 89.6 0.0 157.0





#41
Bromodichloromethane
Concen: 10.219 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

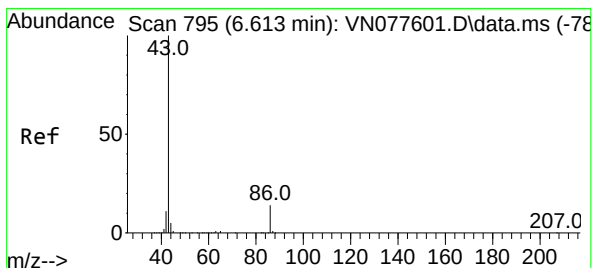
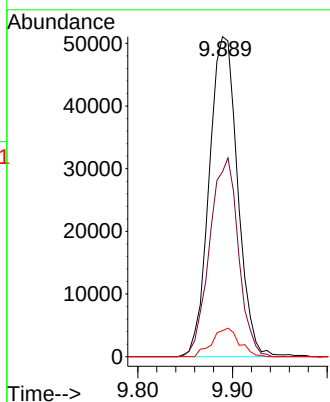
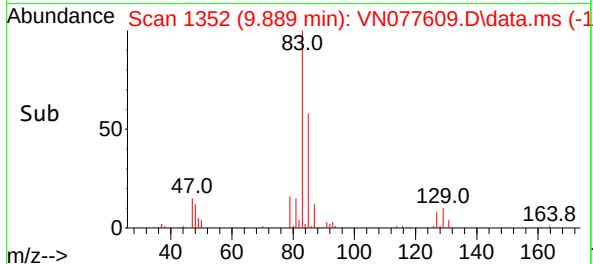
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 106590
Ion Ratio Lower Upper
83 100
85 57.8 51.2 76.8
127 8.1 7.3 10.9

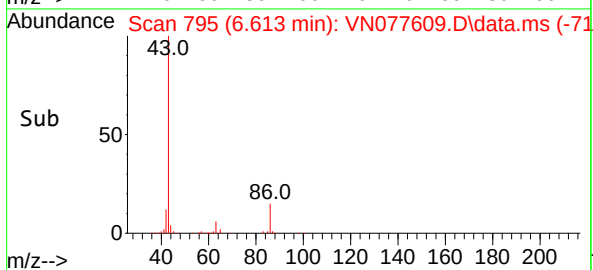
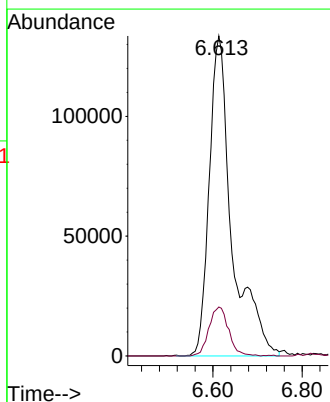
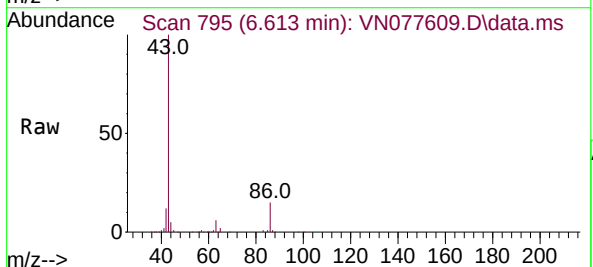
Manual Integrations
APPROVED

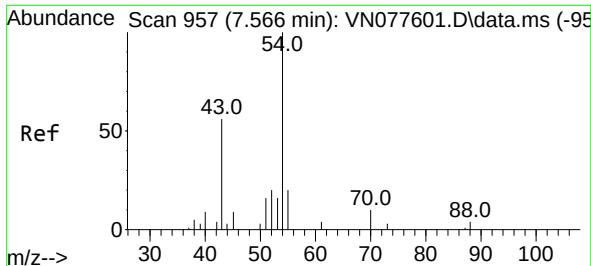
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#42
Vinyl Acetate
Concen: 56.129 ug/l m
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Tgt Ion: 43 Resp: 472460
Ion Ratio Lower Upper
43 100
86 0.1 10.3 15.5#





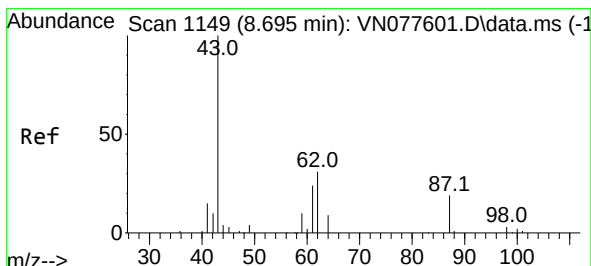
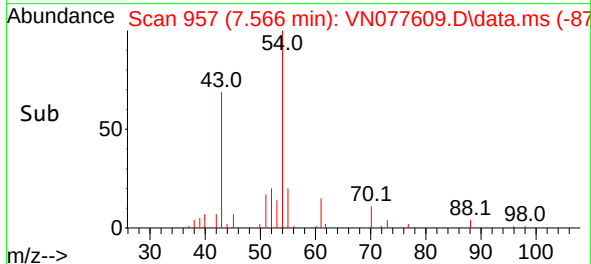
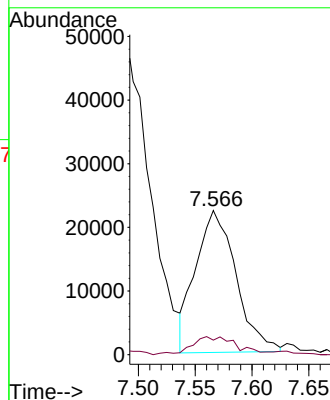
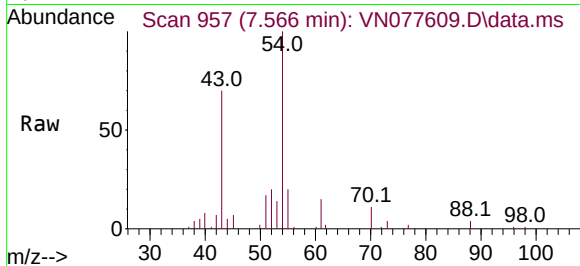
#43
Ethyl Acetate
Concen: 10.247 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 5508
Ion Ratio Lower Upper
43 100
45 11.8 8.2 12.4

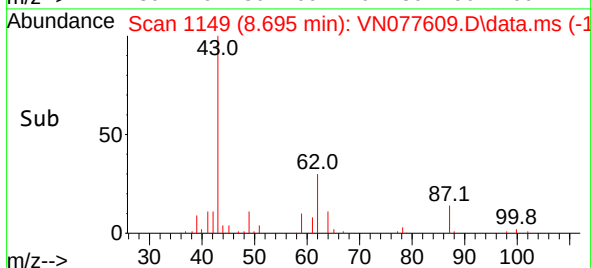
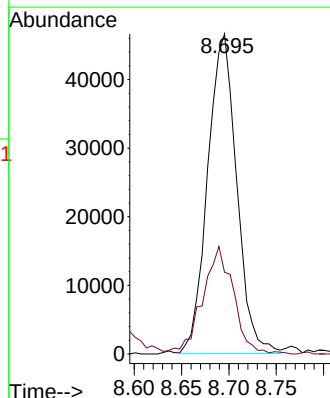
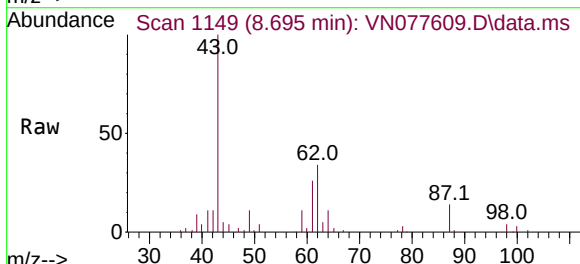
Manual Integrations
APPROVED

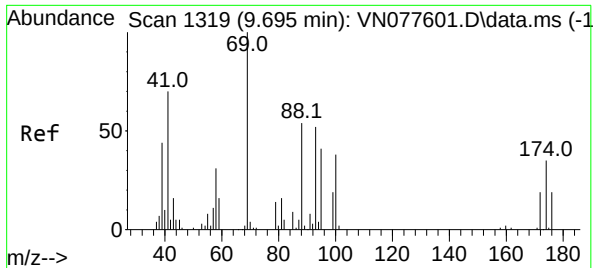
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#44
Isopropyl Acetate
Concen: 10.083 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

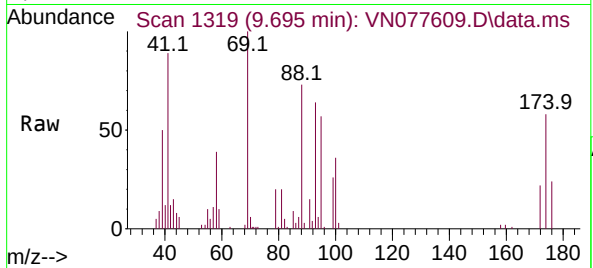
Tgt Ion: 43 Resp: 99425
Ion Ratio Lower Upper
43 100
61 34.7 23.2 34.8





#45
1,4-Dioxane
Concen: 218.435 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

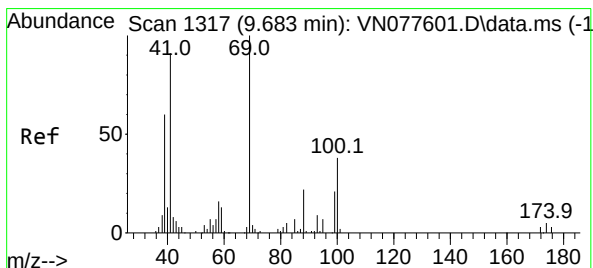
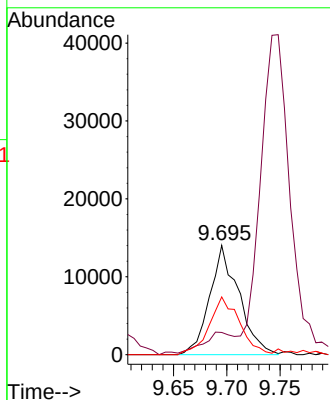
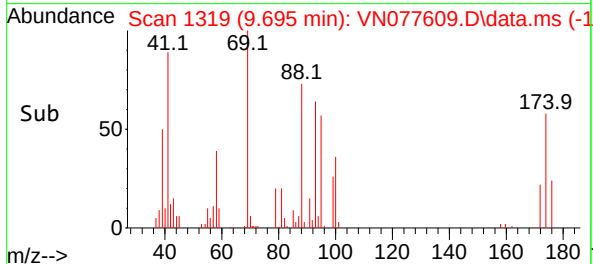
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



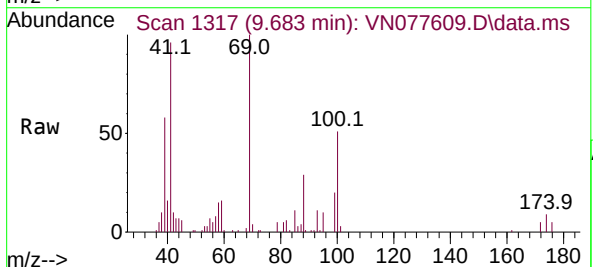
Tgt Ion: 88 Resp: 2676
Ion Ratio Lower Upper
88 100
43 20.1 18.2 27.2
58 54.8 47.5 71.3

Manual Integrations
APPROVED

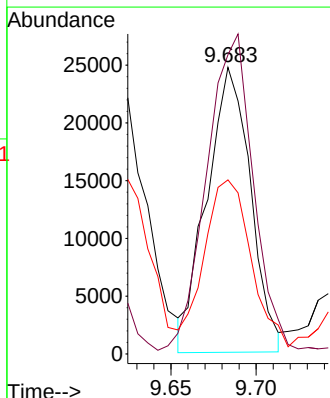
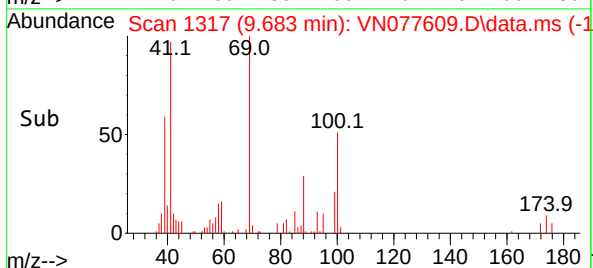
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

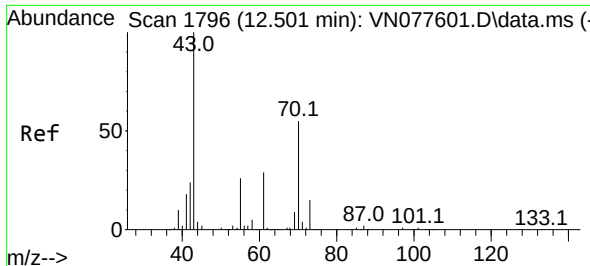


#46
Methyl methacrylate
Concen: 9.945 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58



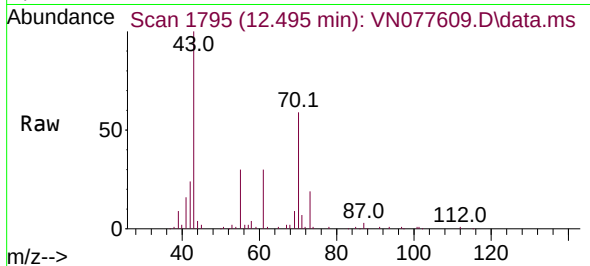
Tgt Ion: 41 Resp: 44031
Ion Ratio Lower Upper
41 100
69 105.0 52.0 156.0
39 56.6 33.6 100.6





#47
n-amyl Acetate
Concen: 9.955 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.006 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

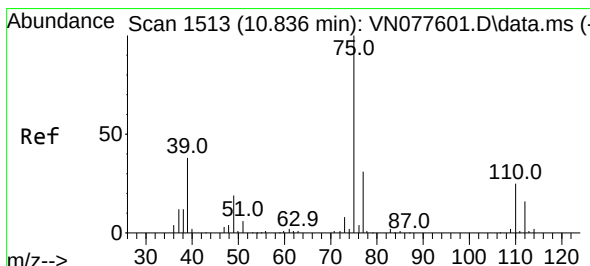
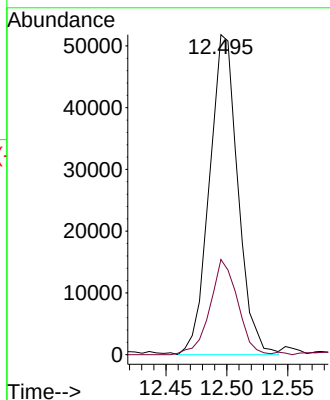
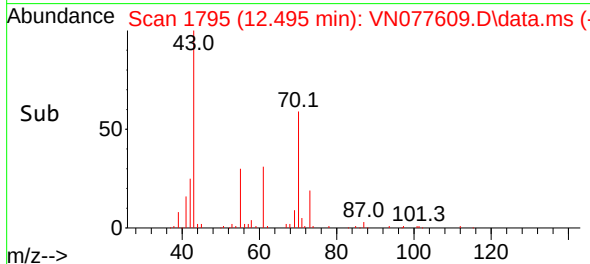
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 8451
Ion Ratio Lower Upper
43 100
55 28.7 21.4 32.0

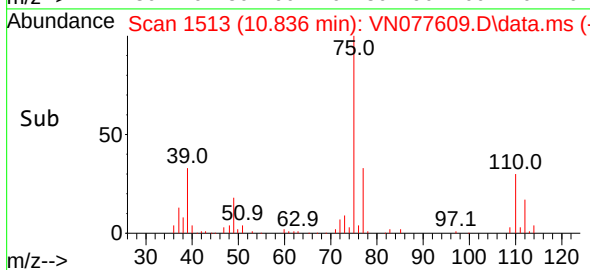
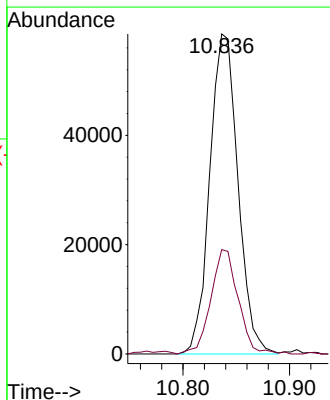
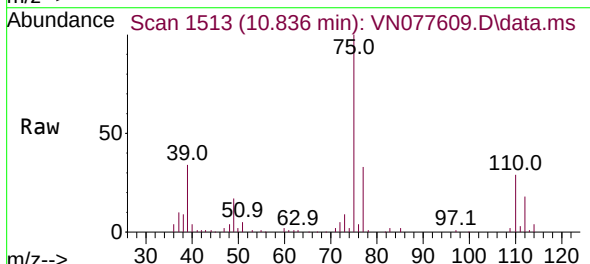
Manual Integrations
APPROVED

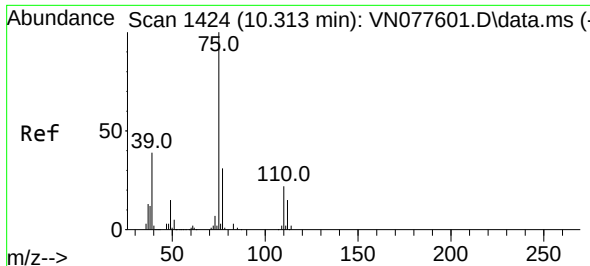
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#48
t-1,3-Dichloropropene
Concen: 10.243 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Tgt Ion: 75 Resp: 107708
Ion Ratio Lower Upper
75 100
77 32.6 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 10.281 ug/l

RT: 10.319 min Scan# 1424

Delta R.T. 0.006 min

Lab File: VN077609.D

Acq: 08 May 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

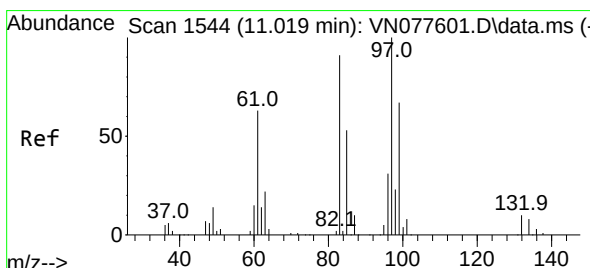
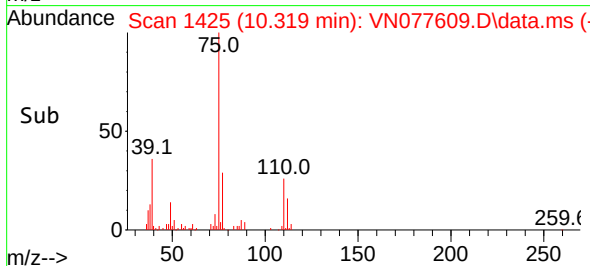
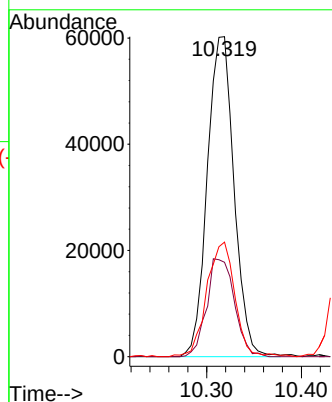
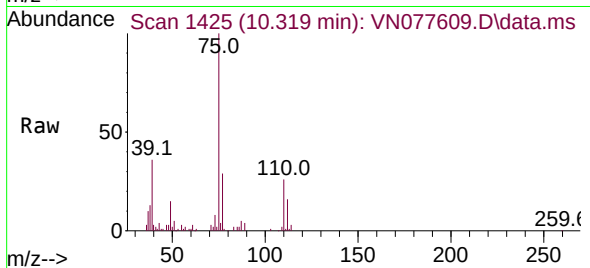
Tgt Ion: 75	Resp: 11849
Ion Ratio	Lower Upper
75 100	
77 29.5	24.7 37.1
39 35.4	31.0 46.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#50

1,1,2-Trichloroethane

Concen: 10.389 ug/l

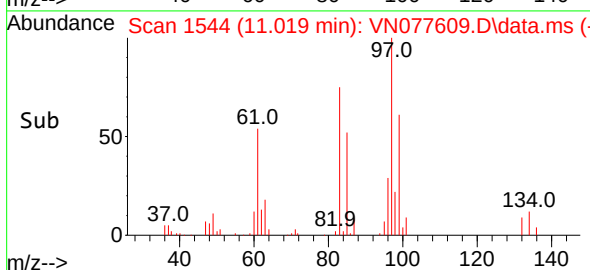
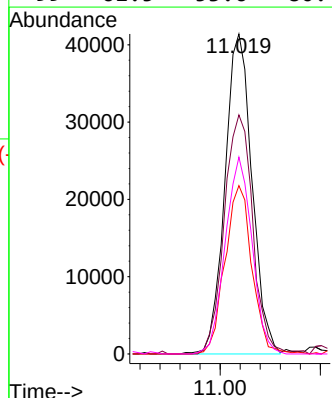
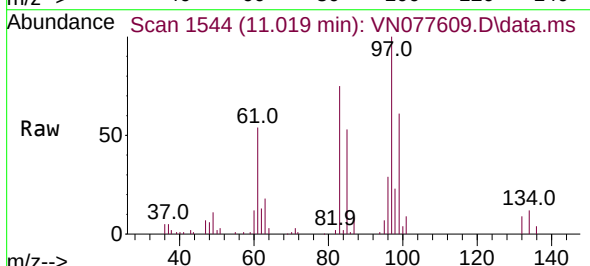
RT: 11.019 min Scan# 1544

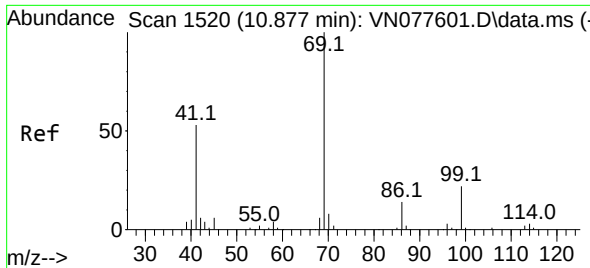
Delta R.T. -0.000 min

Lab File: VN077609.D

Acq: 08 May 2023 10:58

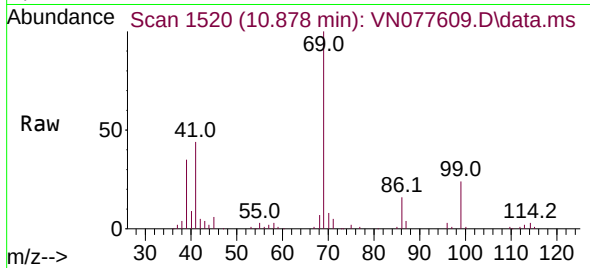
Tgt Ion: 97	Resp: 77500
Ion Ratio	Lower Upper
97 100	
83 74.7	72.6 108.8
85 52.6	42.6 63.8
99 61.5	53.6 80.4





#51
Ethyl methacrylate
Concen: 9.990 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.001 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

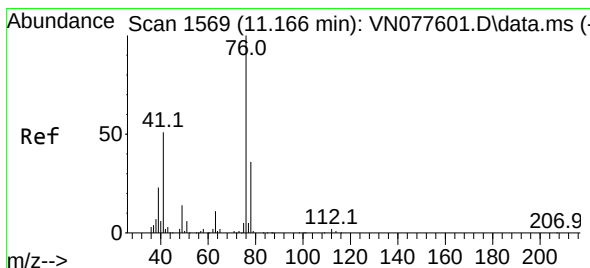
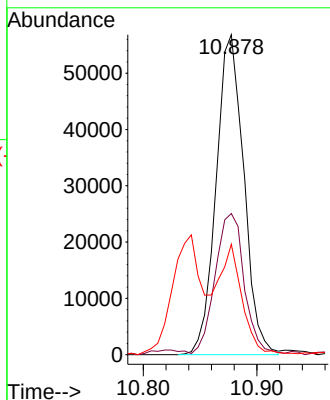
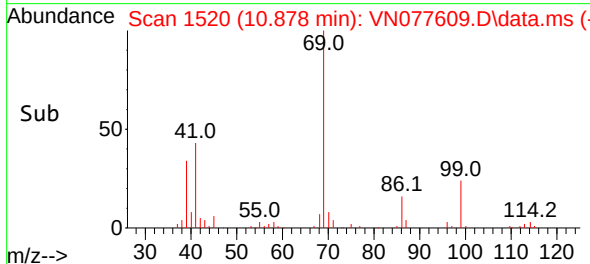
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



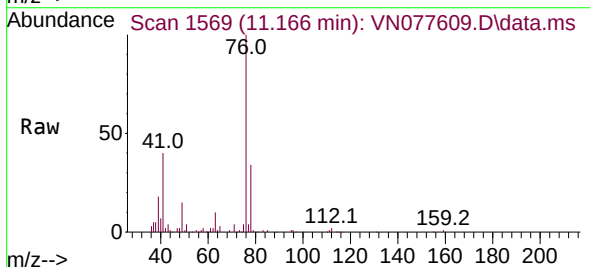
Tgt Ion: 69 Resp: 96199
Ion Ratio Lower Upper
69 100
41 43.4 26.3 78.9
39 33.3 18.1 54.1

Manual Integrations
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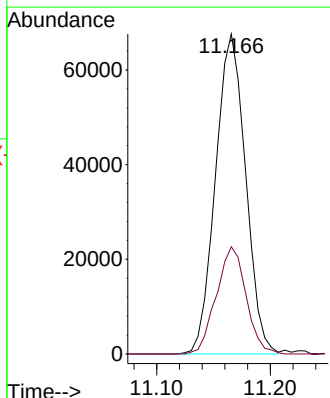
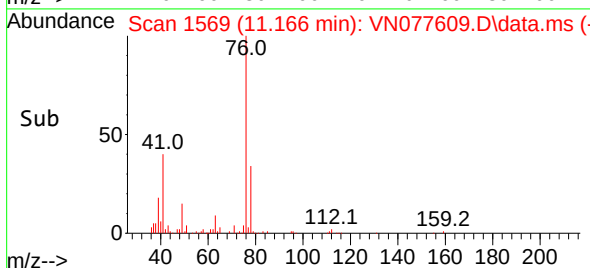
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

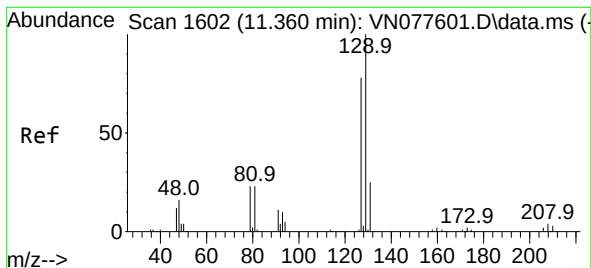


#52
1,3-Dichloropropane
Concen: 10.312 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58



Tgt Ion: 76 Resp: 124382
Ion Ratio Lower Upper
76 100
78 33.1 0.0 66.4





#53

Dibromochloromethane

Concen: 9.970 ug/l

RT: 11.360 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VN077609.D

Acq: 08 May 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:129 Resp: 77379

Ion Ratio Lower Upper

129 100

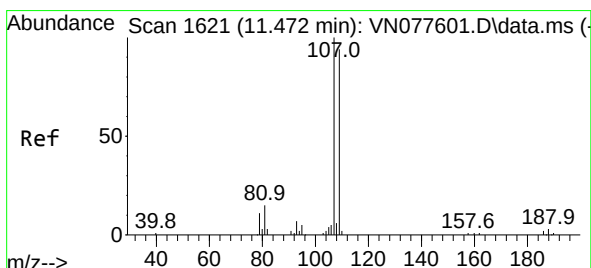
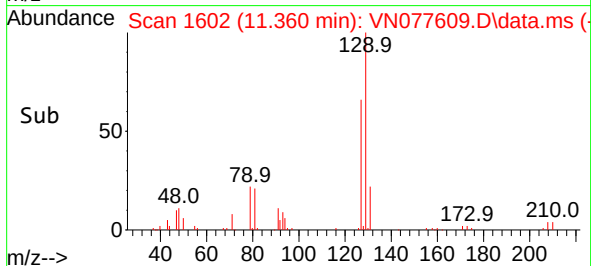
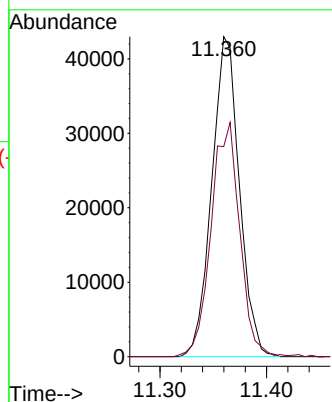
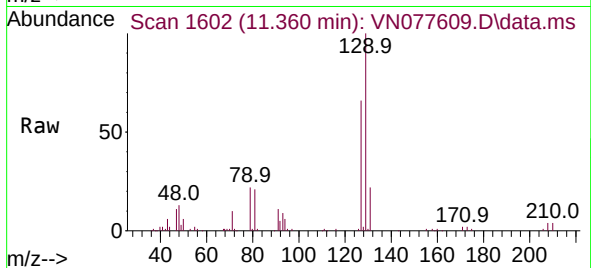
127 75.5 39.4 118.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#54

1,2-Dibromoethane

Concen: 10.065 ug/l

RT: 11.472 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VN077609.D

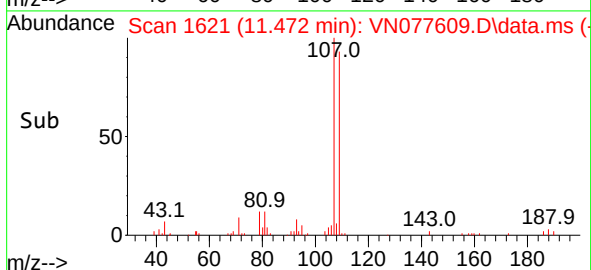
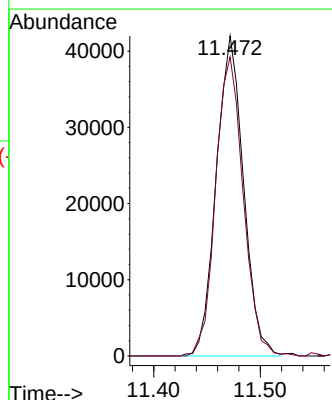
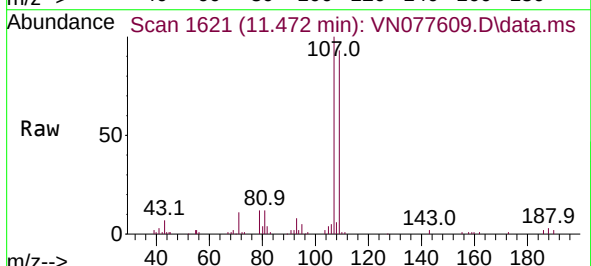
Acq: 08 May 2023 10:58

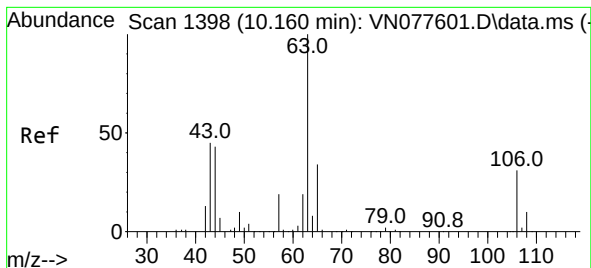
Tgt Ion:107 Resp: 74582

Ion Ratio Lower Upper

107 100

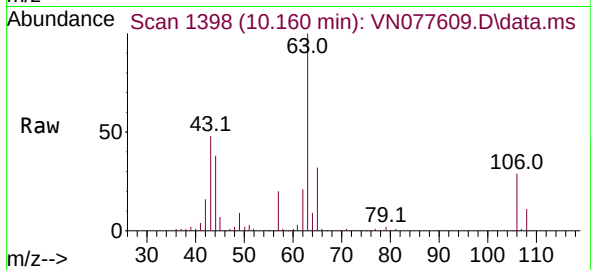
109 94.6 77.4 116.2





#55
2-Chloroethyl vinyl ether
Concen: 41.964 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

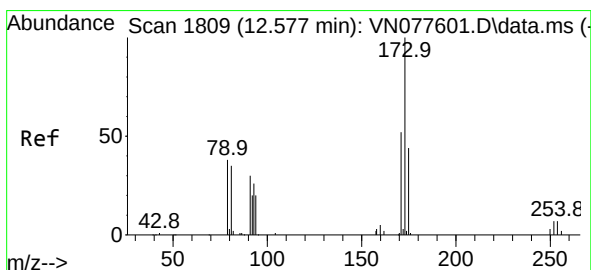
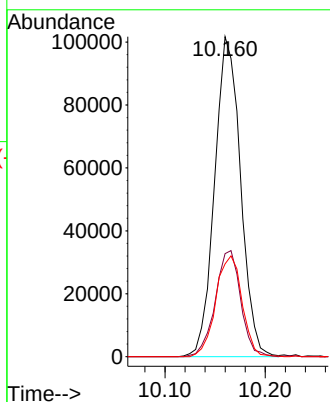
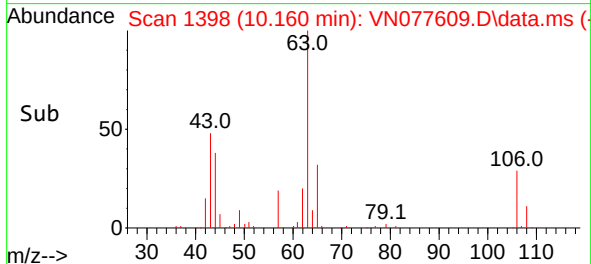
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 63 Resp: 182740
Ion Ratio Lower Upper
63 100
65 32.6 26.8 40.2
106 31.9 25.6 38.4

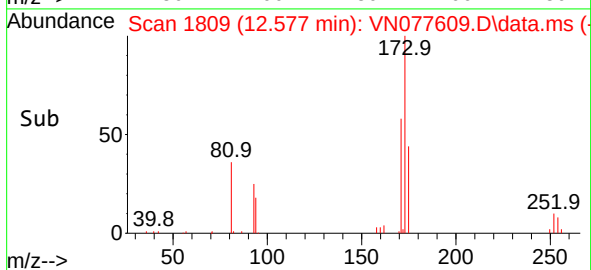
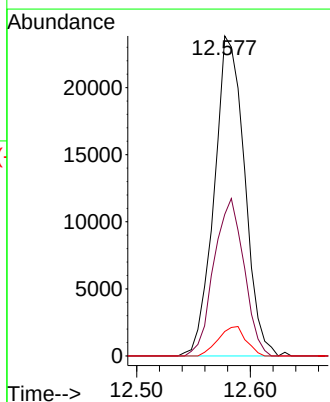
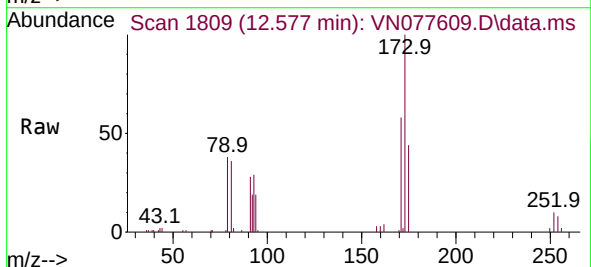
Manual Integrations
APPROVED

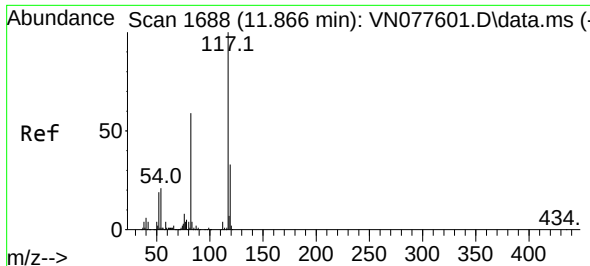
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#56
Bromoform
Concen: 9.668 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Tgt Ion:173 Resp: 44150
Ion Ratio Lower Upper
173 100
175 48.9 39.4 59.2
254 8.4 5.8 8.6





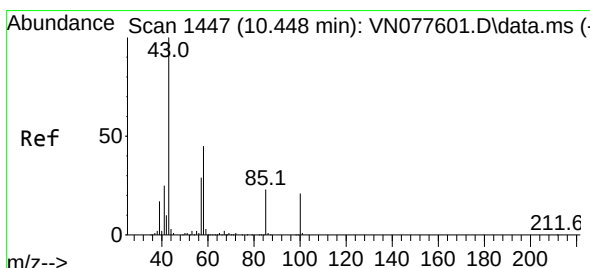
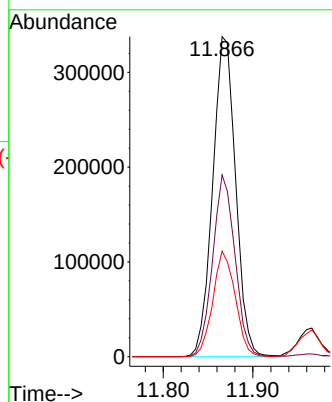
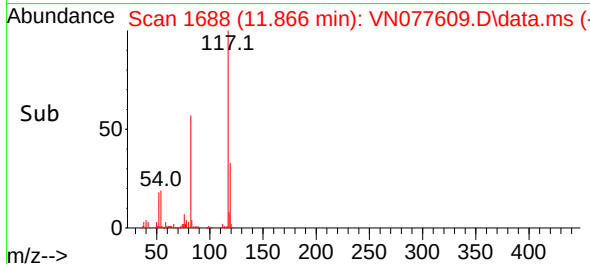
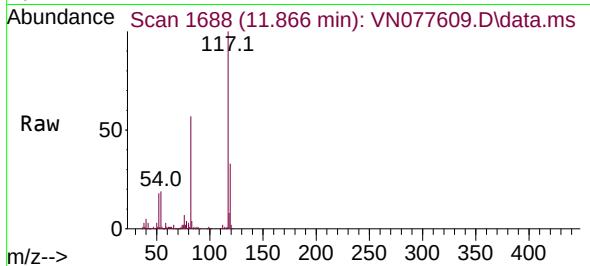
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:117 Resp: 60034
Ion Ratio Lower Upper
117 100
82 55.3 47.4 71.2
119 32.2 26.6 39.8

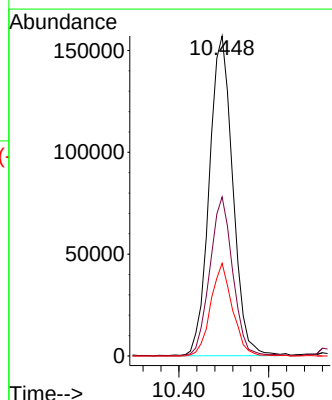
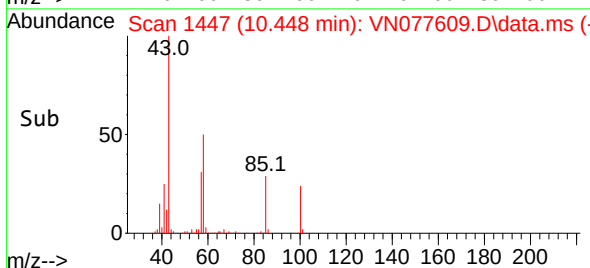
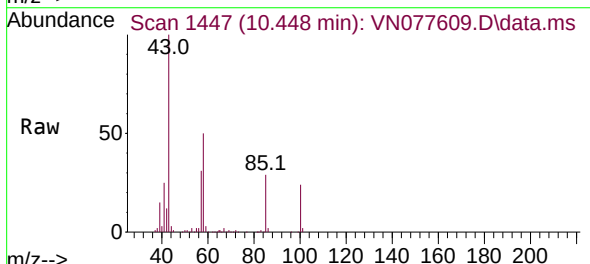
Manual Integrations
APPROVED

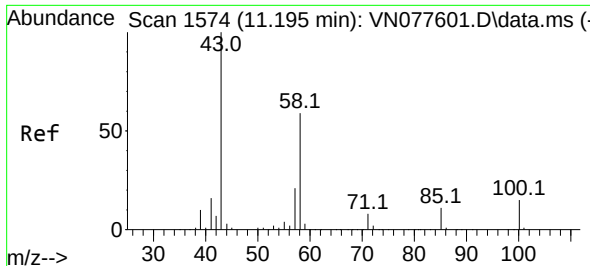
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#58
4-Methyl-2-Pentanone
Concen: 51.608 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Tgt Ion: 43 Resp: 285317
Ion Ratio Lower Upper
43 100
58 48.5 35.4 53.2
85 26.8 18.2 27.2





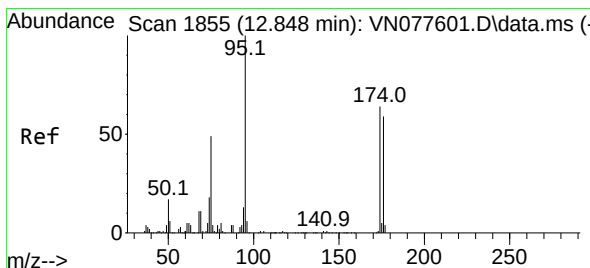
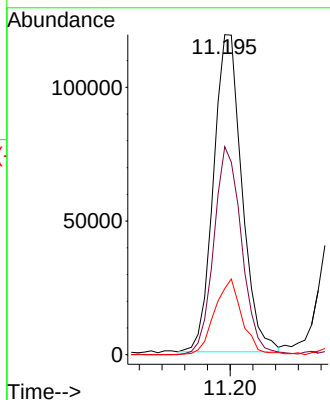
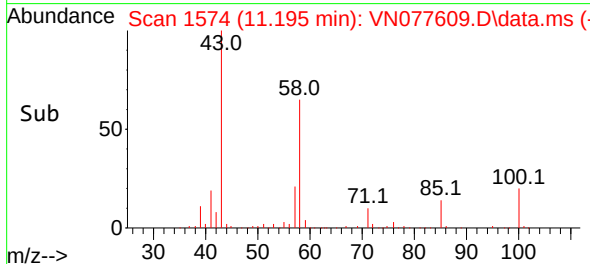
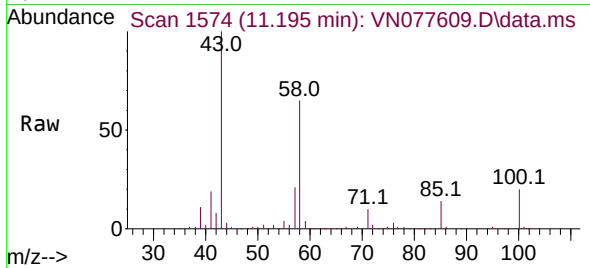
#59
2-Hexanone
Concen: 51.743 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 206498
Ion Ratio Lower Upper
43 100
58 64.3 48.2 72.2
57 23.1 17.3 25.9

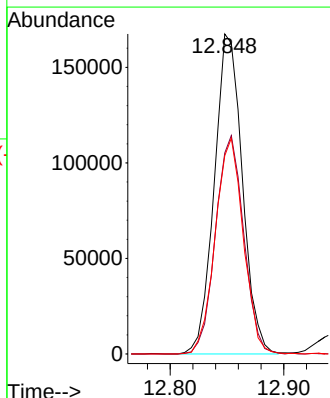
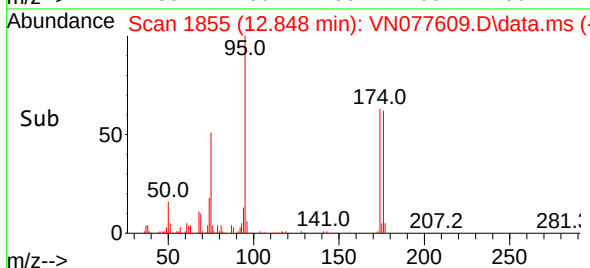
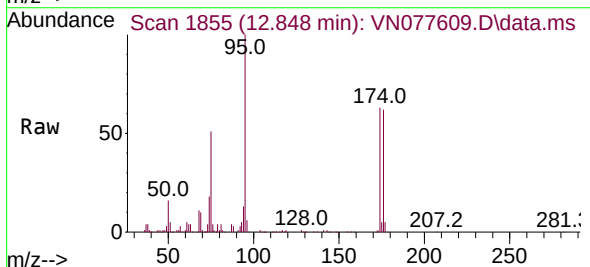
Manual Integrations
APPROVED

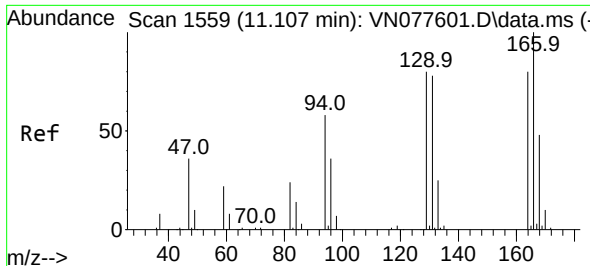
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#60
4-Bromofluorobenzene
Concen: 30.086 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

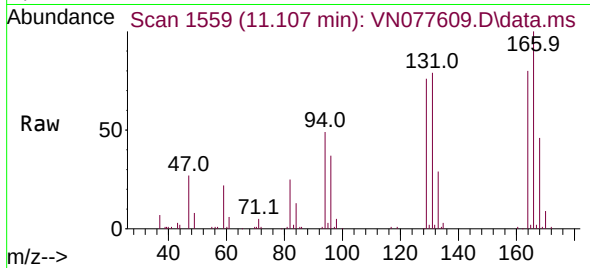
Tgt Ion: 95 Resp: 287202
Ion Ratio Lower Upper
95 100
174 68.4 53.4 80.0
176 67.4 50.0 75.0





#61
Tetrachloroethene
Concen: 10.433 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

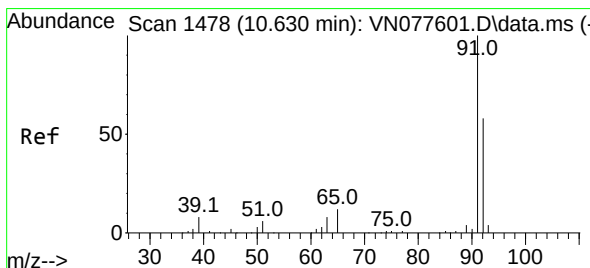
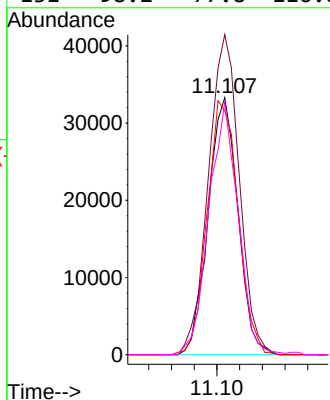
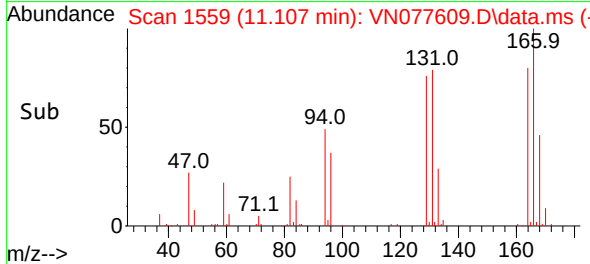
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



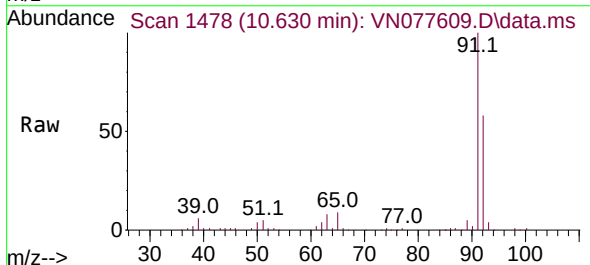
Tgt Ion:164 Resp: 60589
Ion Ratio Lower Upper
164 100
166 124.6 100.5 150.7
129 94.8 80.6 120.8
131 98.2 77.8 116.8

Manual Integrations
APPROVED

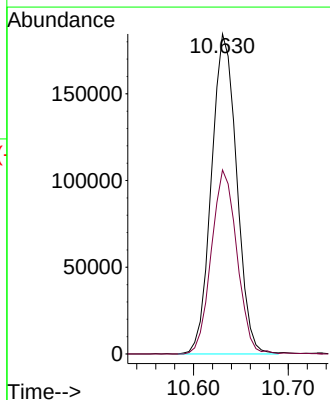
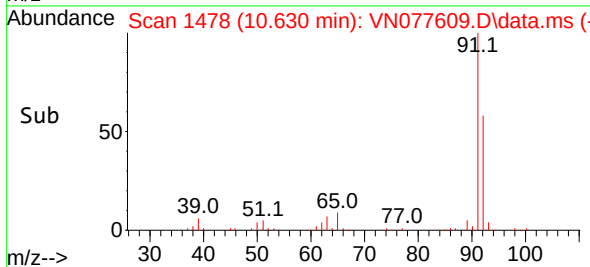
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

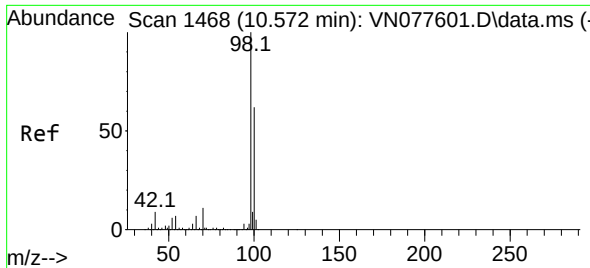


#62
Toluene
Concen: 10.259 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58



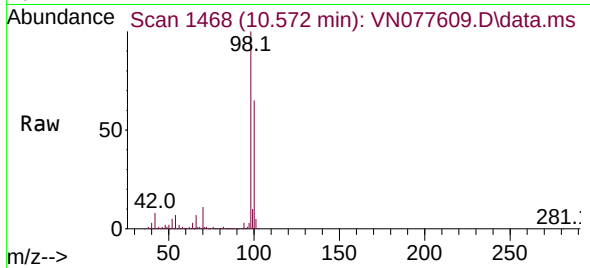
Tgt Ion: 91 Resp: 340994
Ion Ratio Lower Upper
91 100
92 58.3 47.0 70.6





#63
Toluene-d8
Concen: 30.264 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

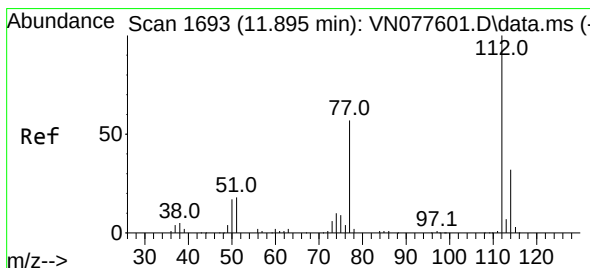
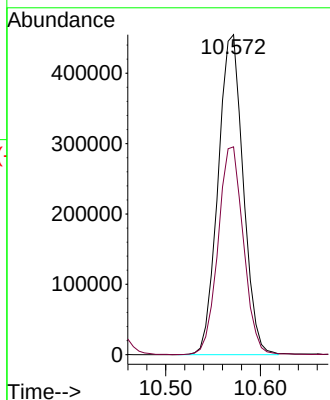
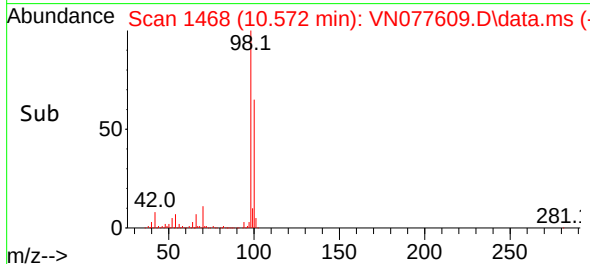
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 98 Resp: 83917
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1

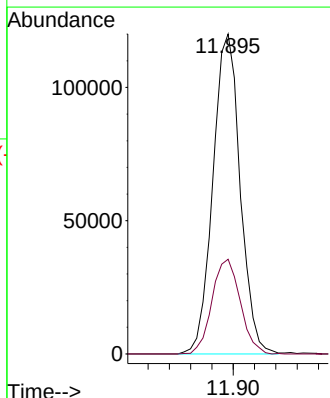
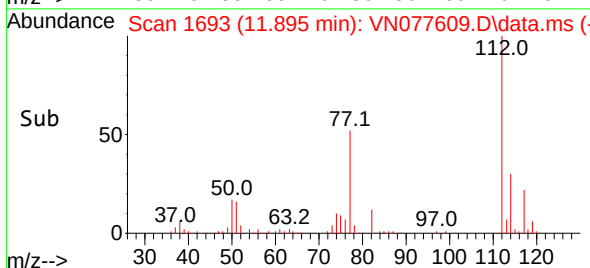
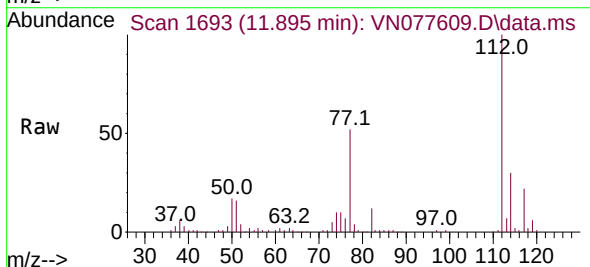
Manual Integrations
APPROVED

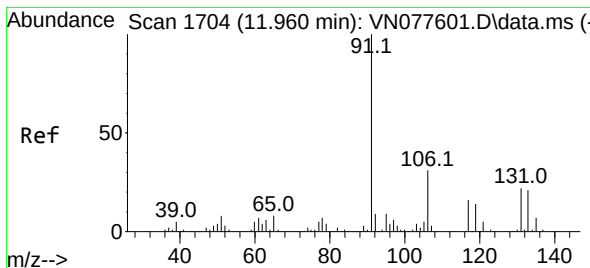
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#64
Chlorobenzene
Concen: 10.426 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Tgt Ion:112 Resp: 213107
Ion Ratio Lower Upper
112 100
114 29.6 25.8 38.8





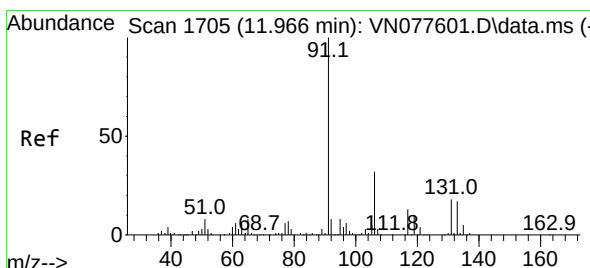
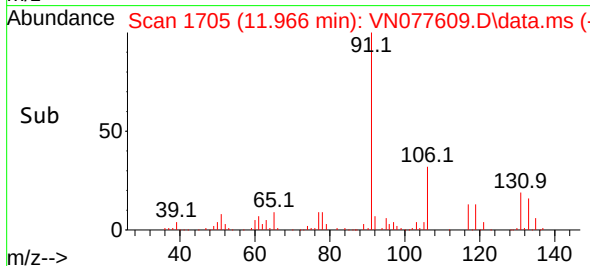
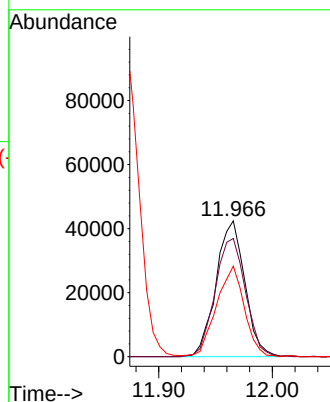
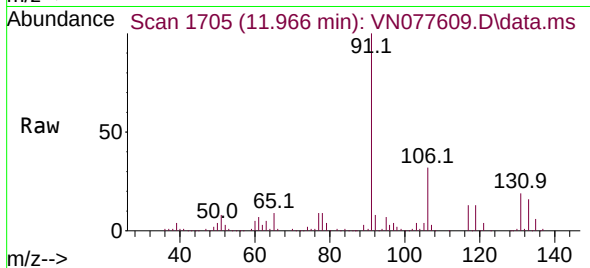
#65
1,1,1,2-Tetrachloroethane
Concen: 10.136 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:131 Resp: 7474
Ion Ratio Lower Upper
131 100
133 92.0 0.0 181.2
119 64.7 0.0 125.0

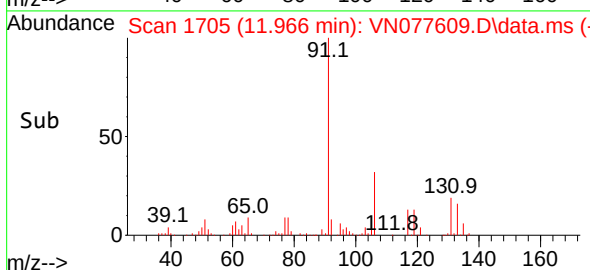
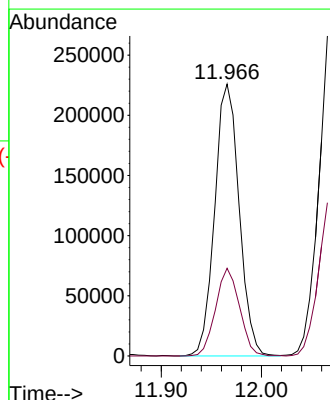
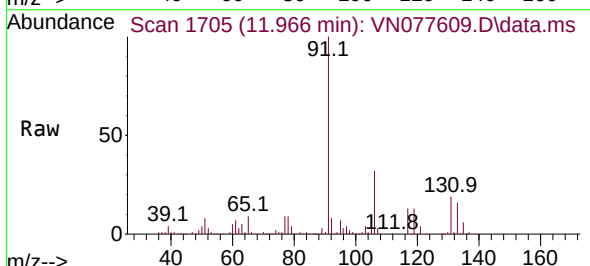
Manual Integrations
APPROVED

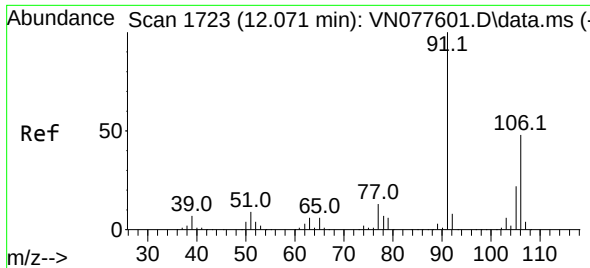
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#66
Ethyl Benzene
Concen: 10.385 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Tgt Ion: 91 Resp: 382443
Ion Ratio Lower Upper
91 100
106 32.2 25.7 38.5





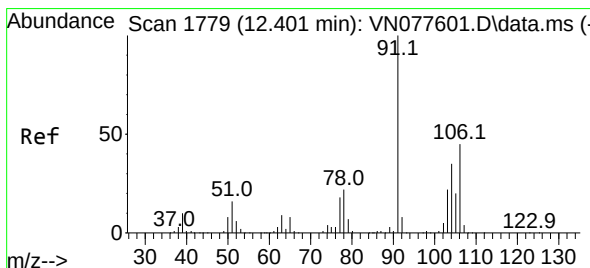
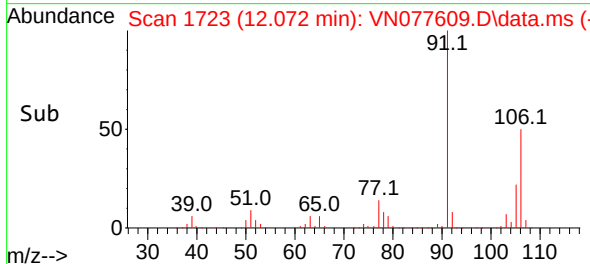
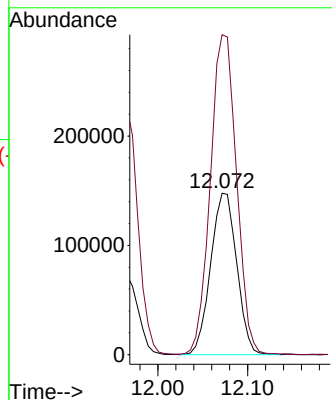
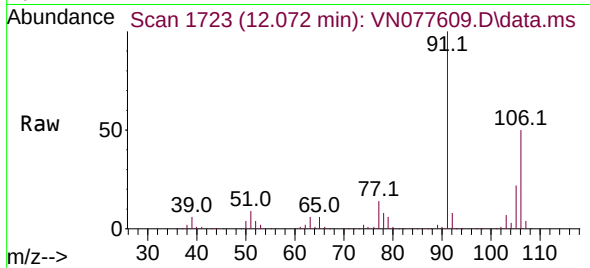
#67
m/p-Xylenes
Concen: 20.574 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.001 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 298118
Ion Ratio Lower Upper
106 100
91 199.5 162.6 244.0

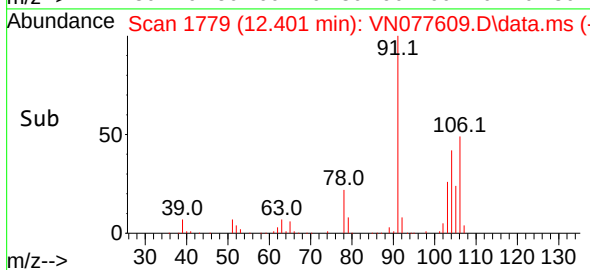
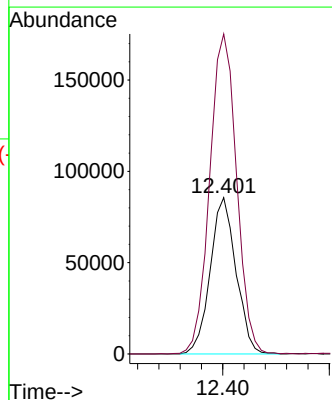
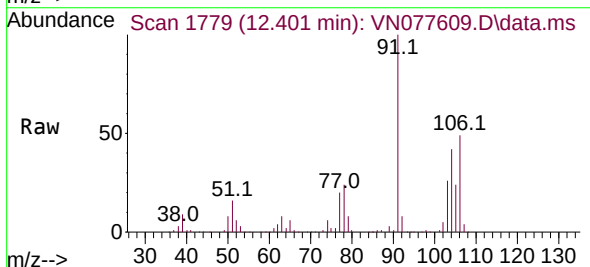
Manual Integrations
APPROVED

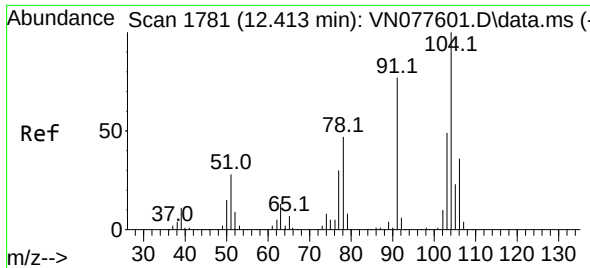
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#68
o-Xylene
Concen: 10.081 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Tgt Ion:106 Resp: 143949
Ion Ratio Lower Upper
106 100
91 213.4 109.5 328.4





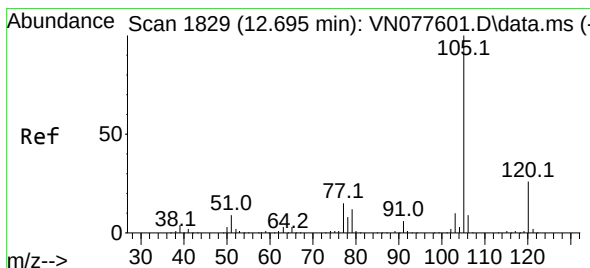
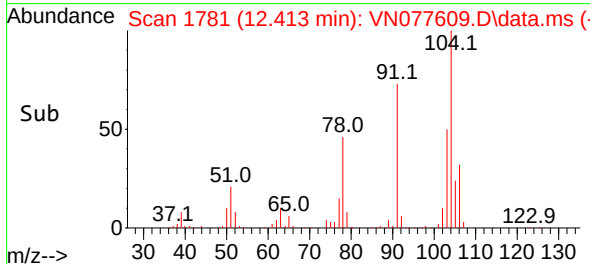
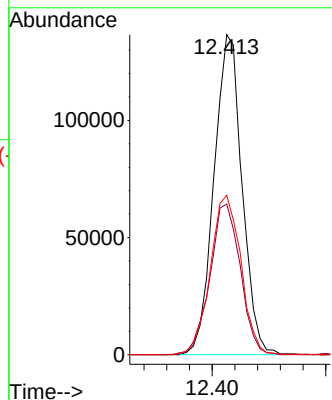
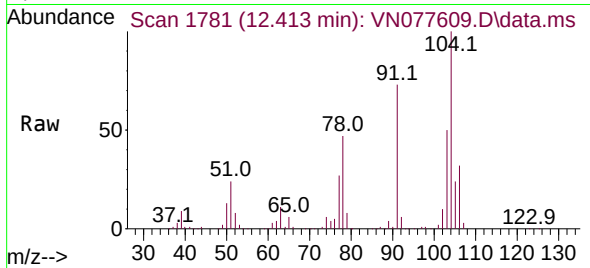
#69
Styrene
Concen: 10.252 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:104 Resp: 234086
Ion Ratio Lower Upper
104 100
78 51.0 41.3 61.9
103 54.3 44.0 66.0

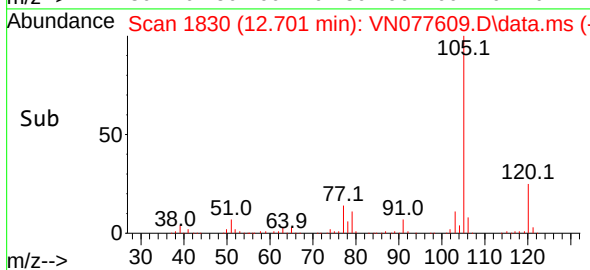
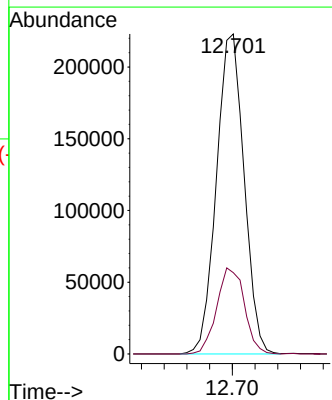
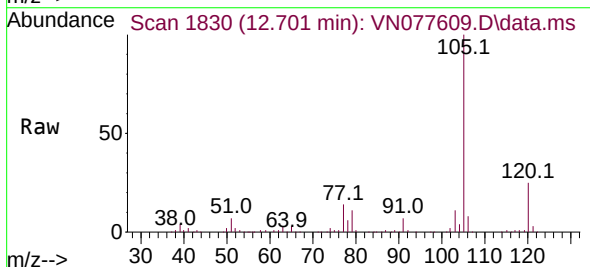
Manual Integrations
APPROVED

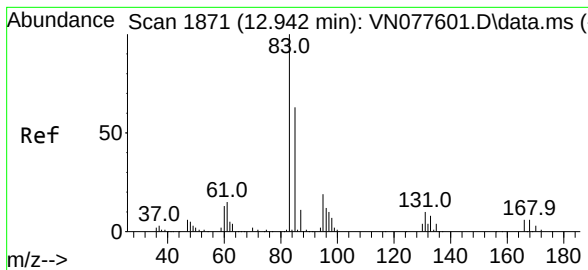
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#70
Isopropylbenzene
Concen: 10.157 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Tgt Ion:105 Resp: 376709
Ion Ratio Lower Upper
105 100
120 26.8 18.5 34.3





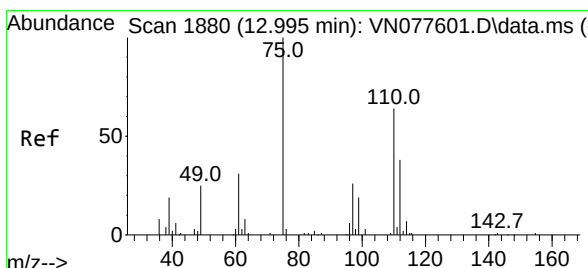
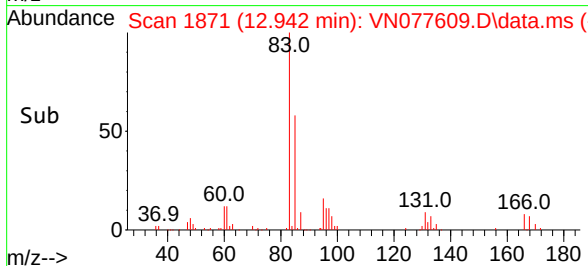
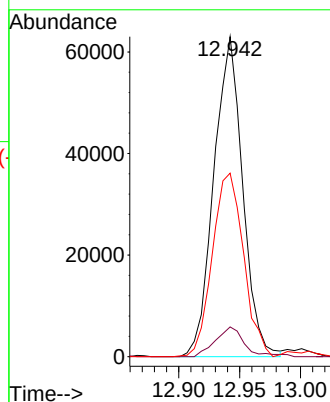
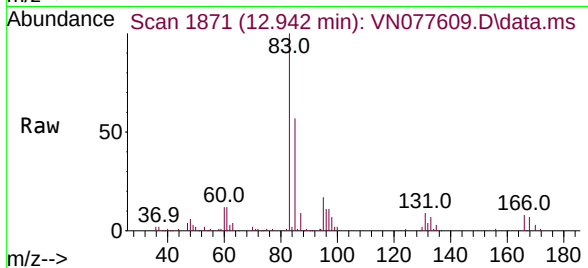
#71
1,1,2,2-Tetrachloroethane
Concen: 10.440 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 10383
Ion Ratio Lower Upper
83 100
131 9.1 4.8 14.3
85 61.8 33.4 100.2

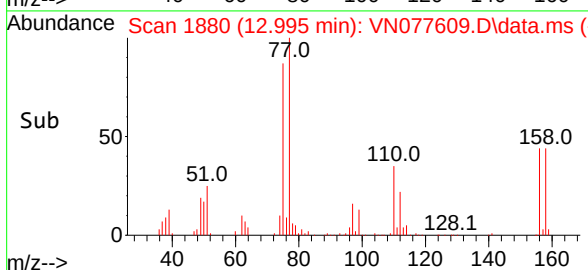
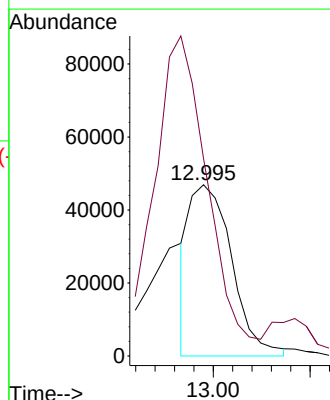
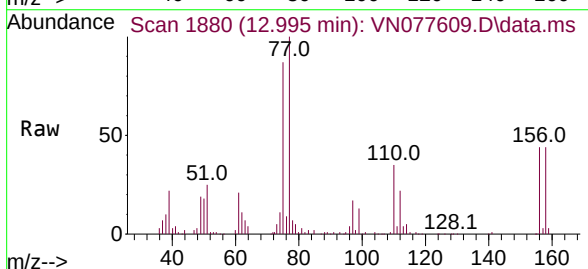
Manual Integrations
APPROVED

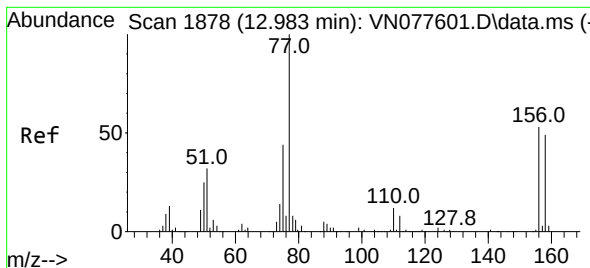
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#72
1,2,3-Trichloropropane
Concen: 8.195 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Tgt Ion: 75 Resp: 71375
Ion Ratio Lower Upper
75 100
77 237.8 0.0 354.6





#73

Bromobenzene

Concen: 10.454 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077609.D

Acq: 08 May 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

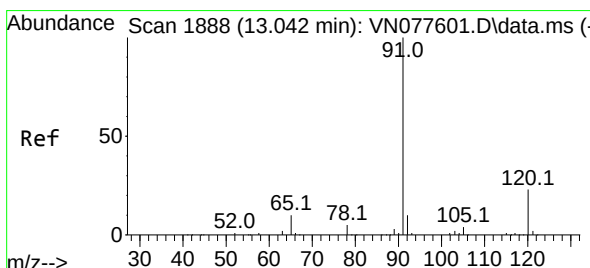
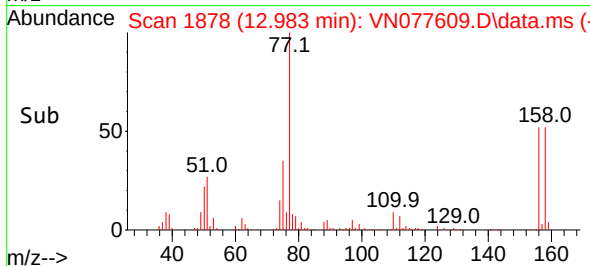
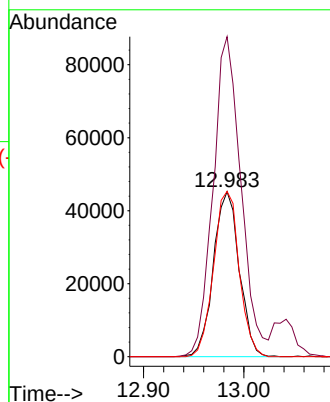
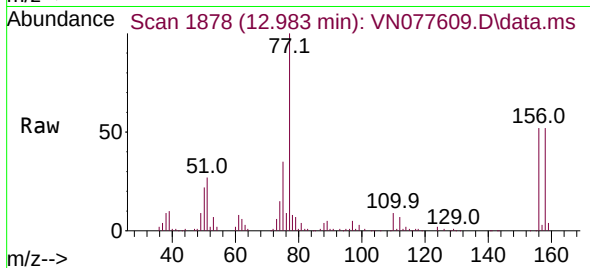
Tgt Ion:	156	Resp:	81070
Ion Ratio	Lower	Upper	
156	100		
77	209.3	0.0	466.4
158	98.9	0.0	196.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#74

n-propylbenzene

Concen: 10.584 ug/l

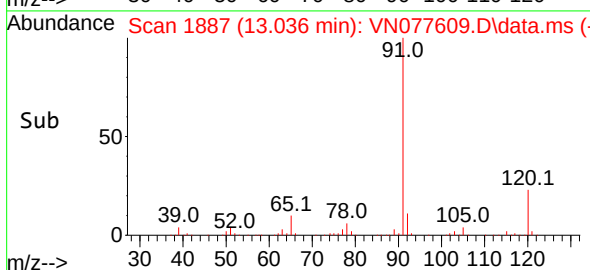
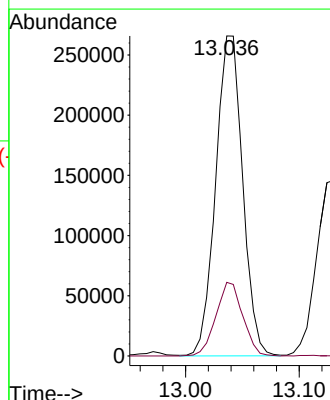
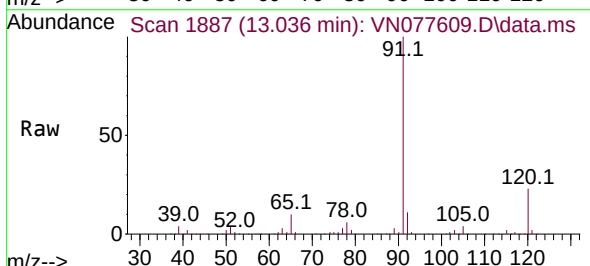
RT: 13.036 min Scan# 1887

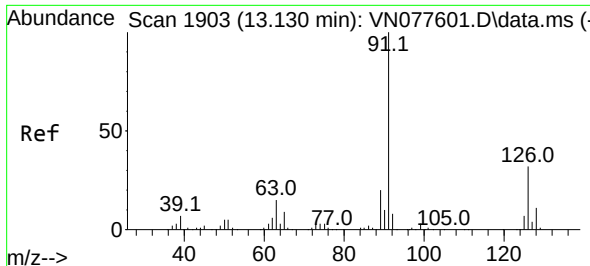
Delta R.T. -0.006 min

Lab File: VN077609.D

Acq: 08 May 2023 10:58

Tgt Ion:	91	Resp:	438939
Ion Ratio	Lower	Upper	
91	100		
120	22.8	0.0	45.6





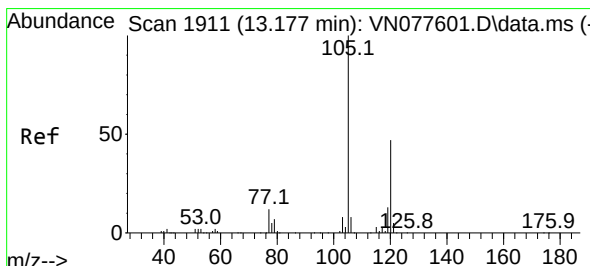
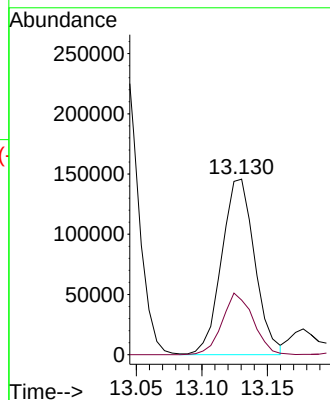
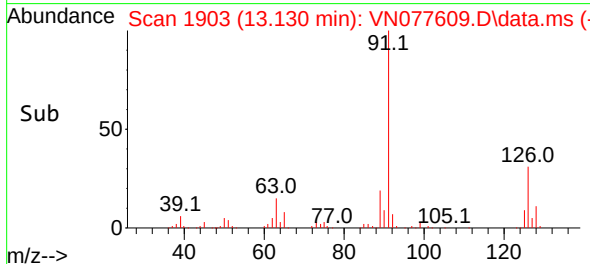
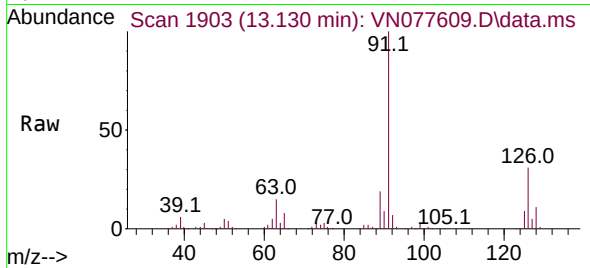
#75
2-Chlorotoluene
Concen: 10.212 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 25613
Ion Ratio Lower Upper
91 100
126 32.9 0.0 65.0

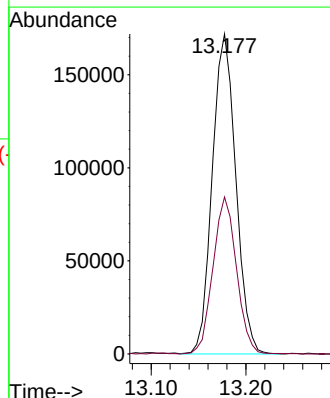
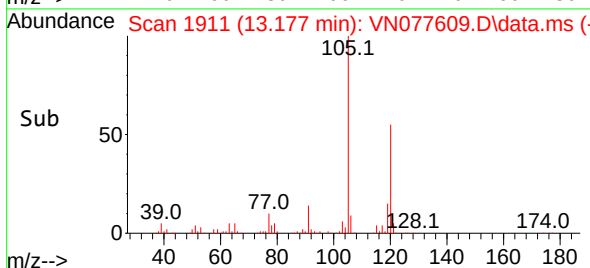
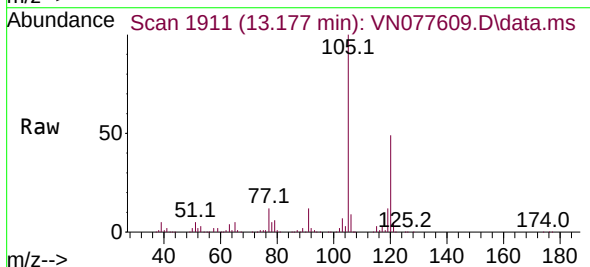
Manual Integrations
APPROVED

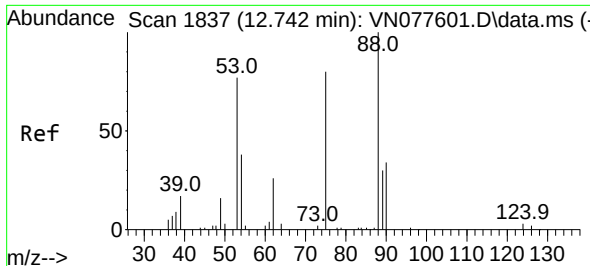
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#76
1,3,5-Trimethylbenzene
Concen: 10.131 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

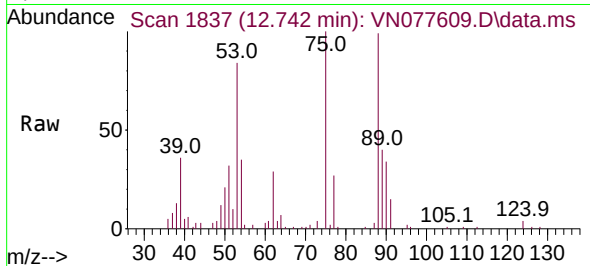
Tgt Ion:105 Resp: 296953
Ion Ratio Lower Upper
105 100
120 48.9 0.0 95.2





#77
t-1,4-Dichloro-2-butene
Concen: 9.394 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

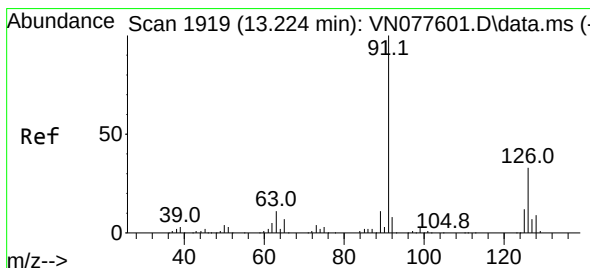
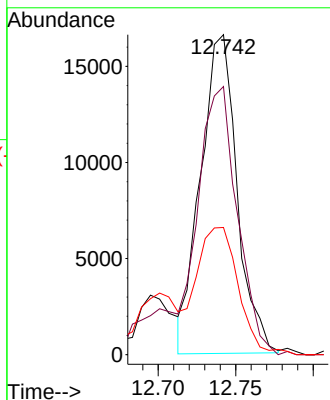
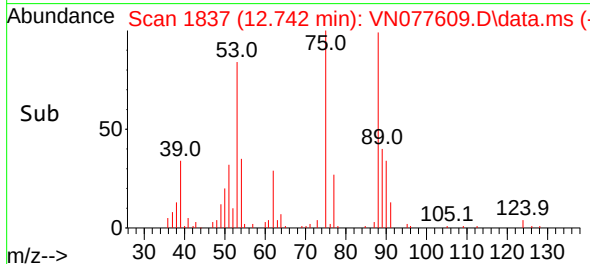
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 27084
Ion Ratio Lower Upper
75 100
53 84.9 46.9 140.7
89 38.6 21.0 63.0

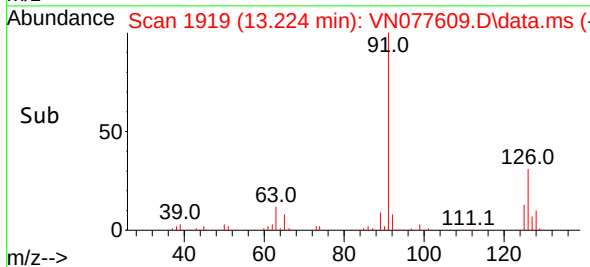
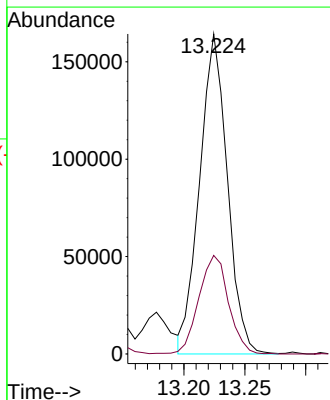
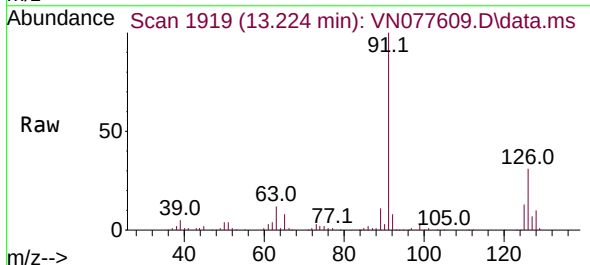
Manual Integrations
APPROVED

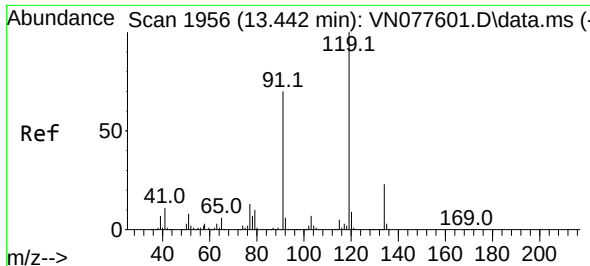
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#78
4-Chlorotoluene
Concen: 10.612 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Tgt Ion: 91 Resp: 259872
Ion Ratio Lower Upper
91 100
126 32.6 0.0 64.6





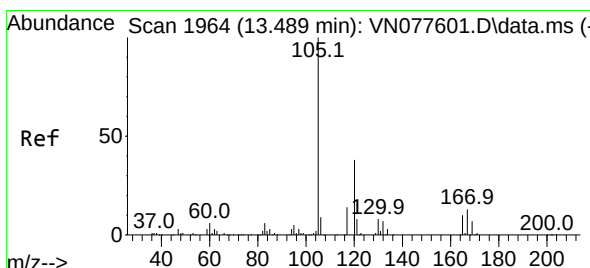
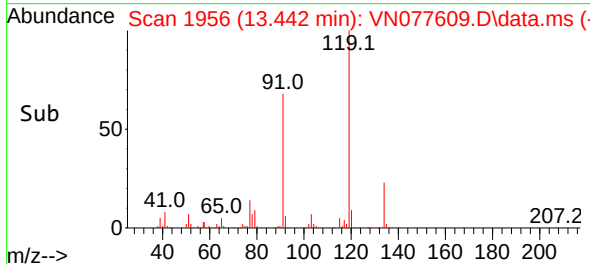
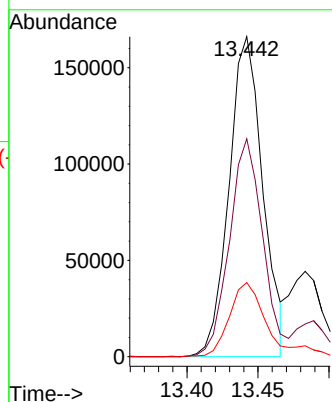
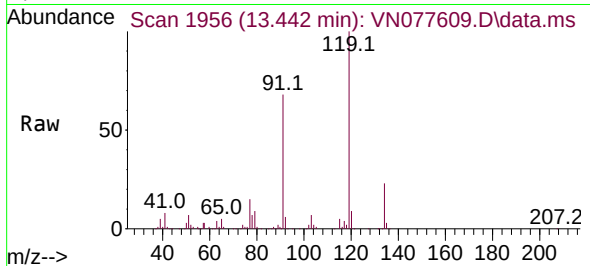
#79
tert-butylbenzene
Concen: 10.464 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 274694
Ion Ratio Lower Upper
119 100
91 67.6 0.0 141.6
134 23.2 0.0 46.6

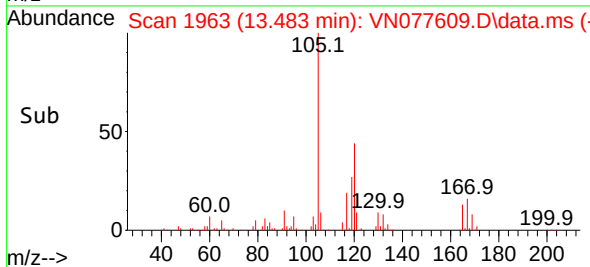
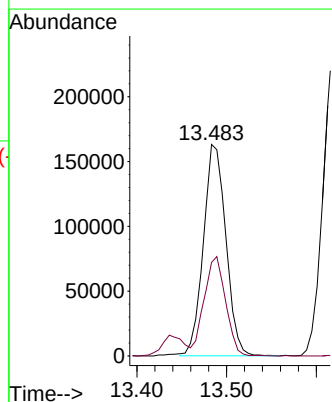
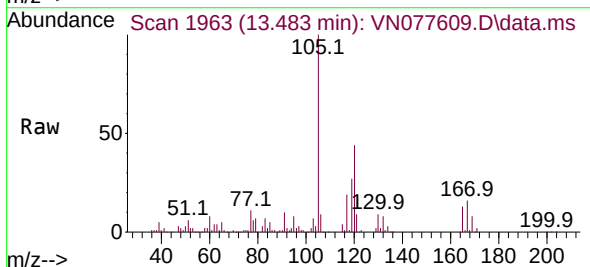
Manual Integrations
APPROVED

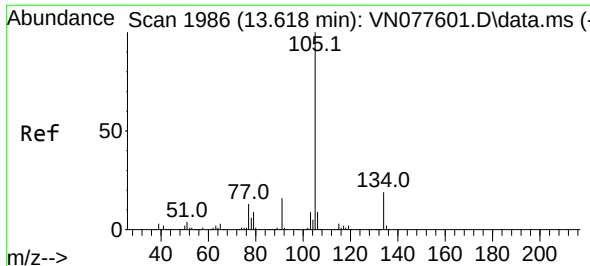
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#80
1,2,4-Trimethylbenzene
Concen: 9.960 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.006 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Tgt Ion:105 Resp: 283329
Ion Ratio Lower Upper
105 100
120 44.9 0.0 88.0





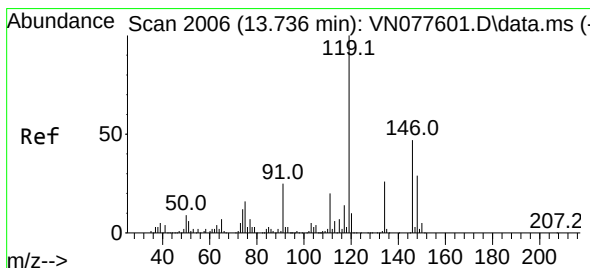
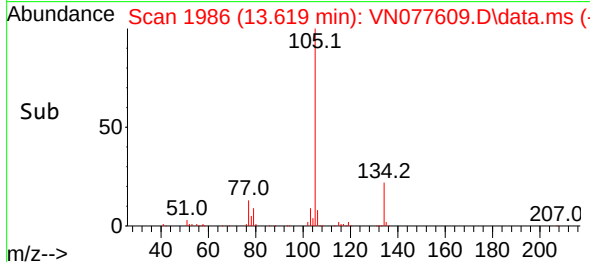
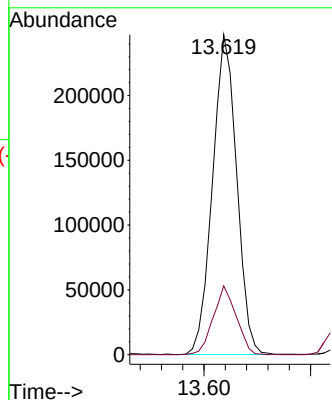
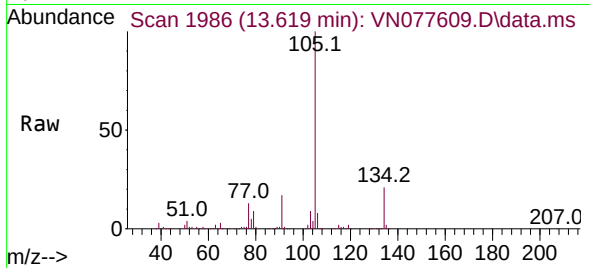
#81
 sec-Butylbenzene
 Concen: 10.543 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.001 min
 Lab File: VN077609.D
 Acq: 08 May 2023 10:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 38847
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 37.8

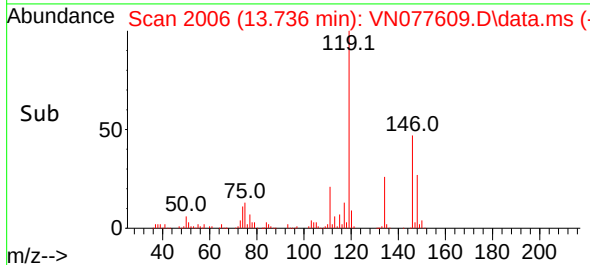
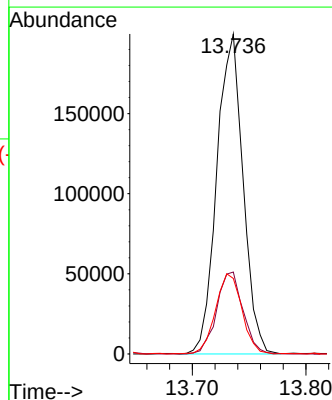
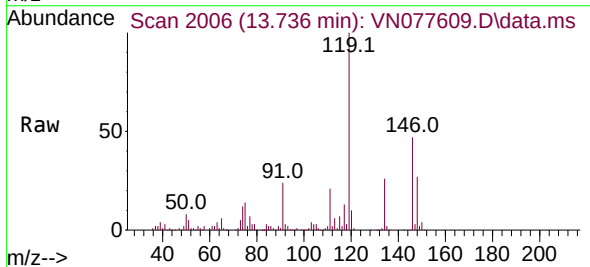
Manual Integrations
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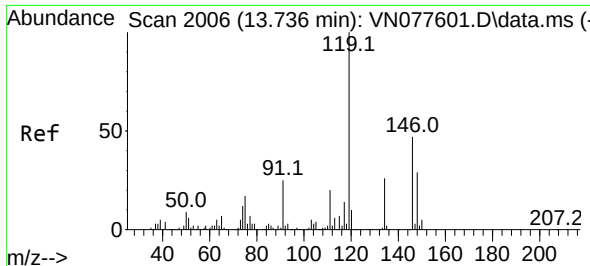
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/09/2023



#82
 p-Isopropyltoluene
 Concen: 10.923 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077609.D
 Acq: 08 May 2023 10:58

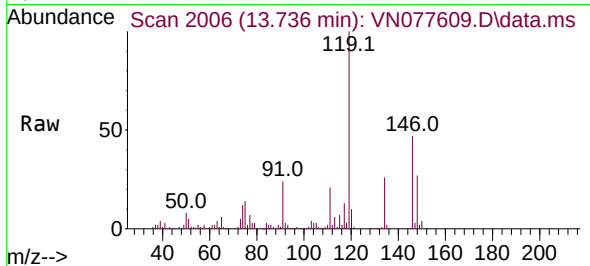
Tgt Ion:119 Resp: 320247
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 52.2
 91 25.2 0.0 51.2





#83
1,3-Dichlorobenzene
Concen: 10.674 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

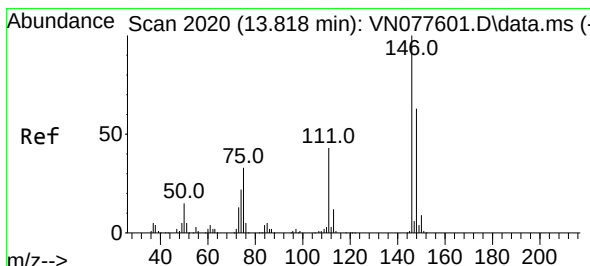
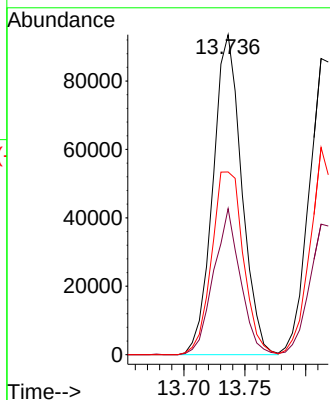
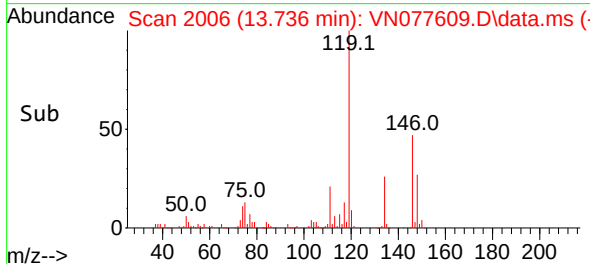
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



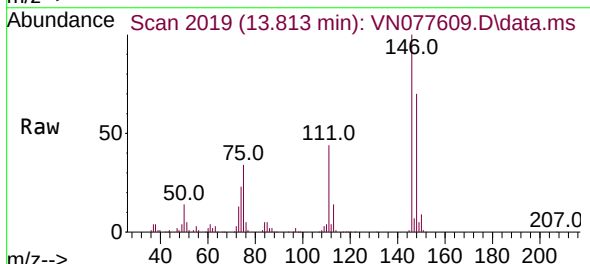
Tgt Ion:146 Resp: 153714
Ion Ratio Lower Upper
146 100
111 42.5 22.1 66.1
148 62.8 32.5 97.4

Manual Integrations
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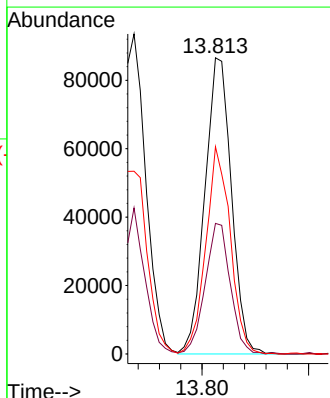
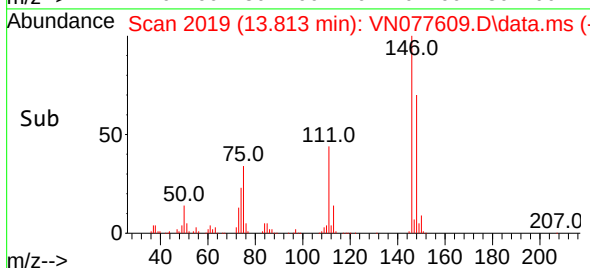
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

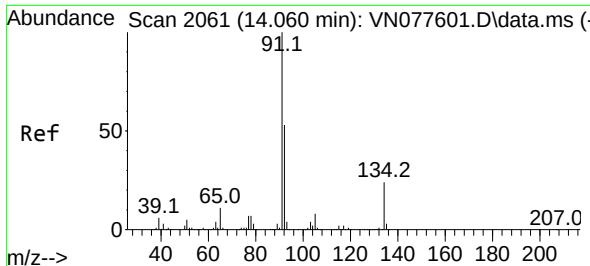


#84
1,4-Dichlorobenzene
Concen: 10.612 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.005 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58



Tgt Ion:146 Resp: 149617
Ion Ratio Lower Upper
146 100
111 41.7 20.8 62.4
148 64.7 31.1 93.5





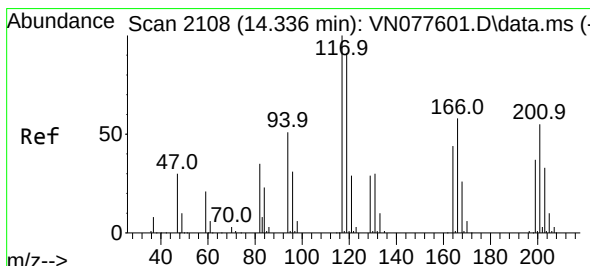
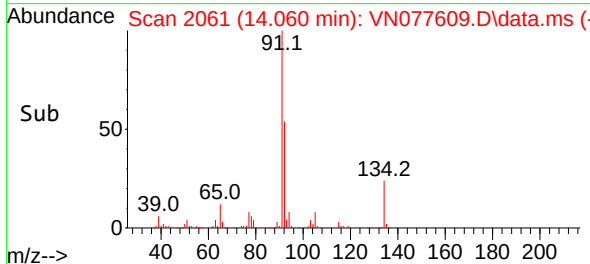
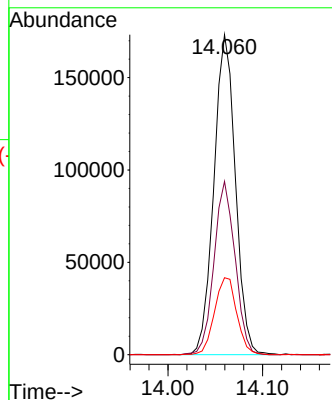
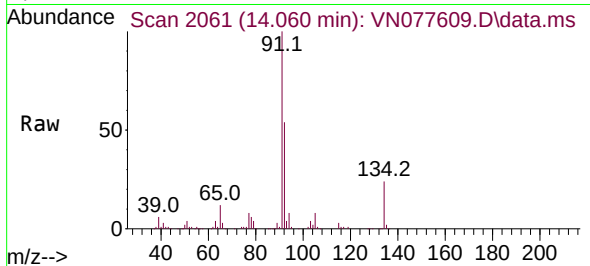
#85
n-Butylbenzene
Concen: 11.356 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 273900
Ion Ratio Lower Upper
91 100
92 53.0 0.0 107.0
134 24.9 0.0 50.2

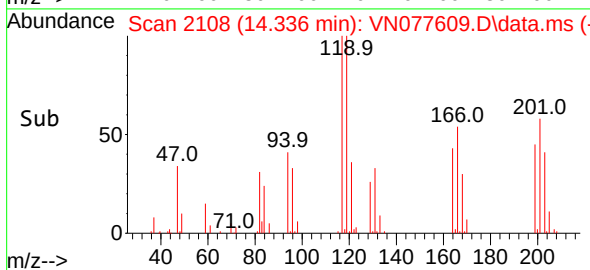
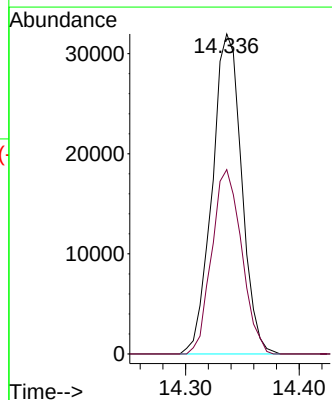
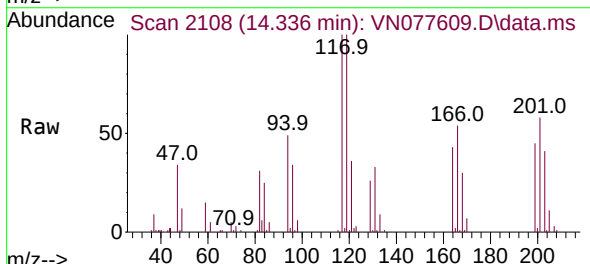
Manual Integrations
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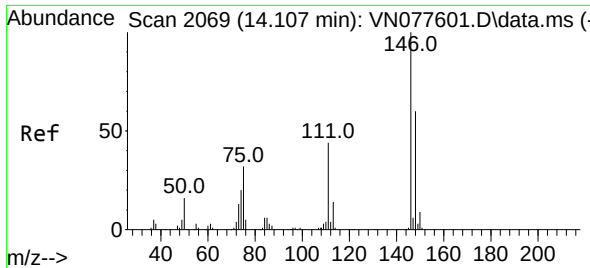
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#86
Hexachloroethane
Concen: 10.551 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Tgt Ion:117 Resp: 57647
Ion Ratio Lower Upper
117 100
201 58.3 28.1 84.4





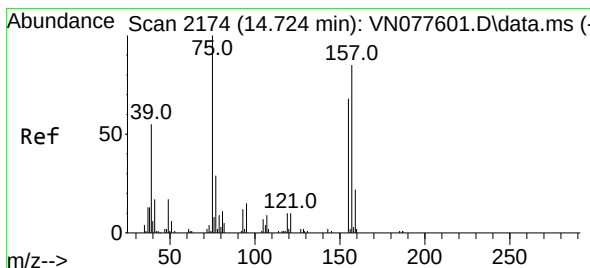
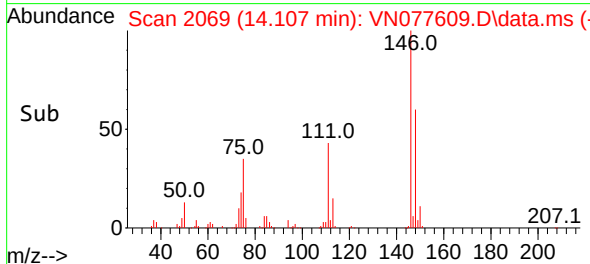
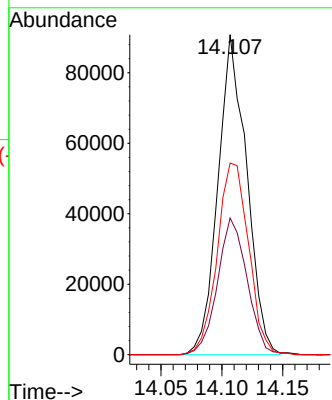
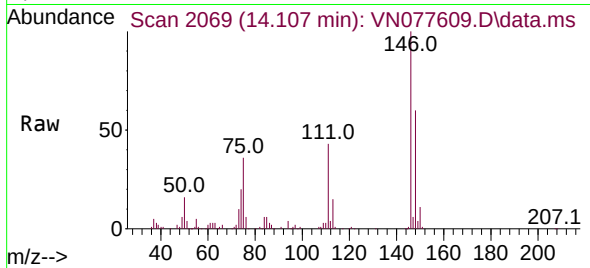
#87
1,2-Dichlorobenzene
Concen: 10.652 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 14890
Ion Ratio Lower Upper
146 100
111 44.1 22.7 68.0
148 65.5 31.0 93.0

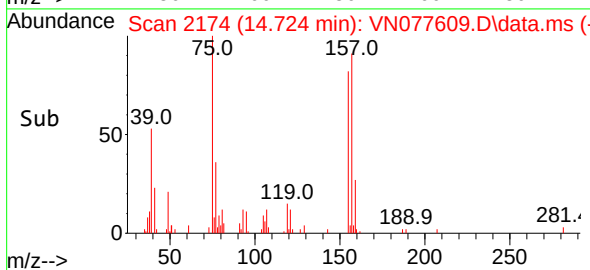
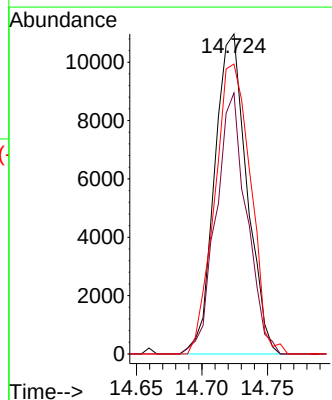
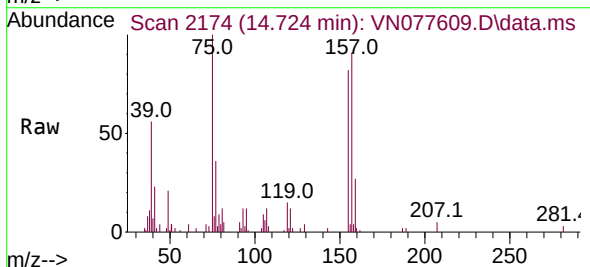
Manual Integrations
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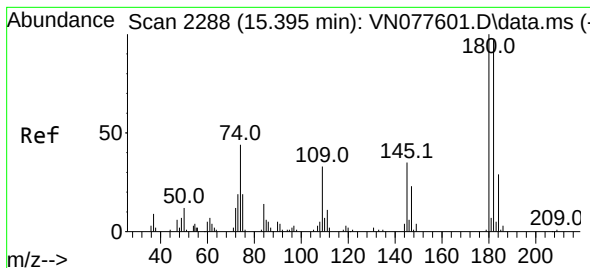
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 10.379 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

Tgt Ion: 75 Resp: 18759
Ion Ratio Lower Upper
75 100
155 77.7 63.1 94.7
157 100.3 75.5 113.3





#89

1,2,4-Trichlorobenzene

Concen: 10.060 ug/l

RT: 15.401 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077609.D

Acq: 08 May 2023 10:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

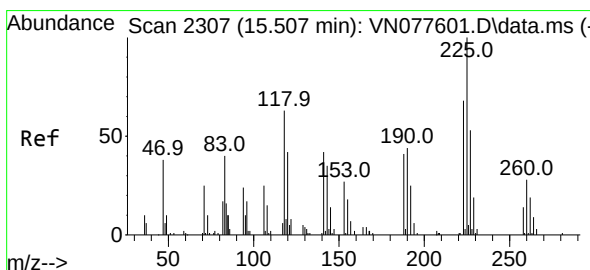
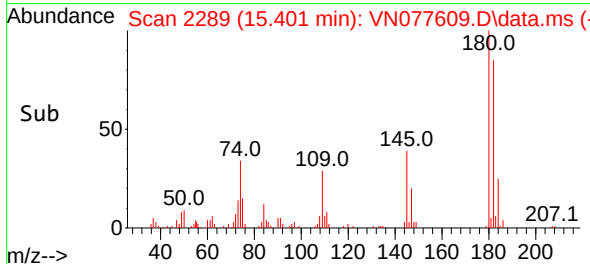
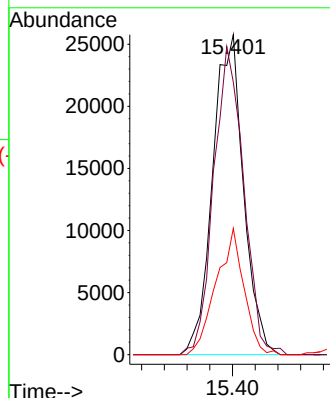
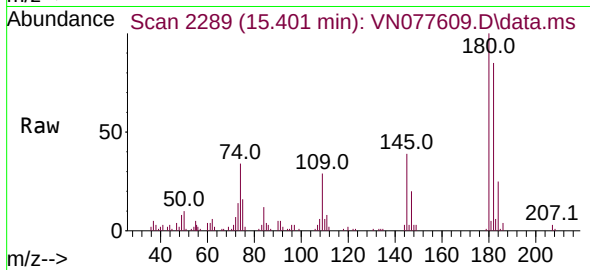
Tgt Ion:180	Resp:	4845
Ion Ratio	Lower	Upper
180	100	
182	93.1	75.1 112.7
145	35.6	28.6 43.0

Manual Integrations

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Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#90

Hexachlorobutadiene

Concen: 13.057 ug/l

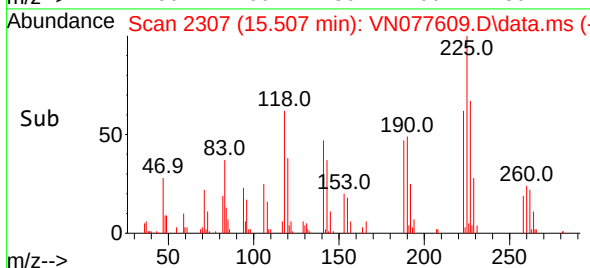
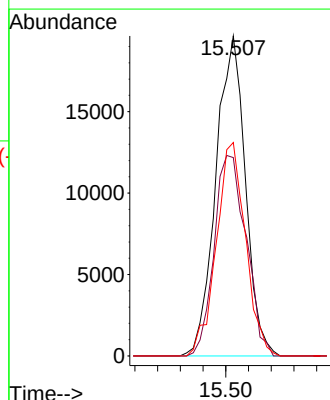
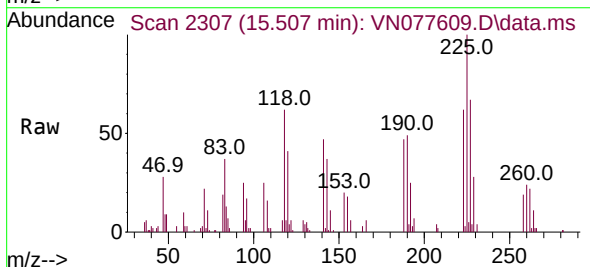
RT: 15.507 min Scan# 2307

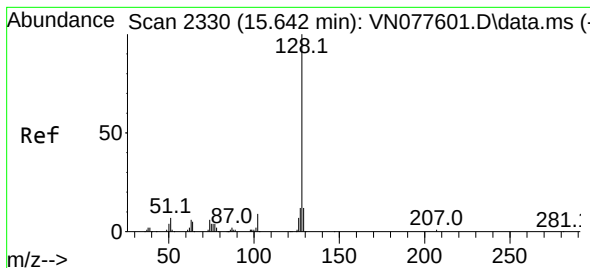
Delta R.T. -0.000 min

Lab File: VN077609.D

Acq: 08 May 2023 10:58

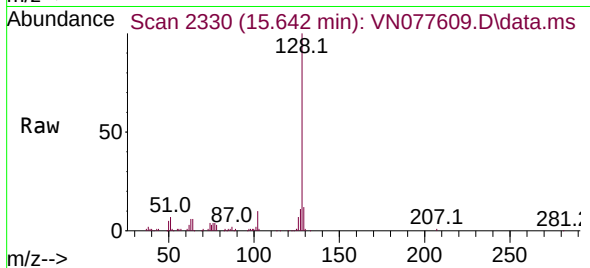
Tgt Ion:225	Resp:	35462
Ion Ratio	Lower	Upper
225	100	
223	67.9	0.0 132.2
227	66.0	0.0 116.2





#91
Naphthalene
Concen: 8.959 ug/l
RT: 15.642 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58

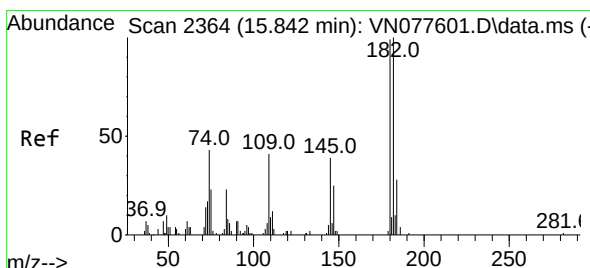
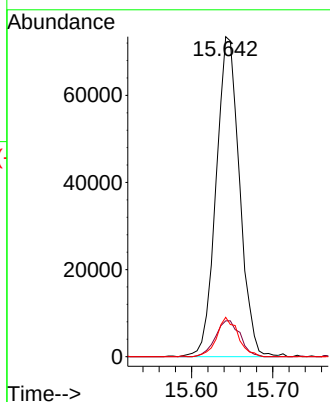
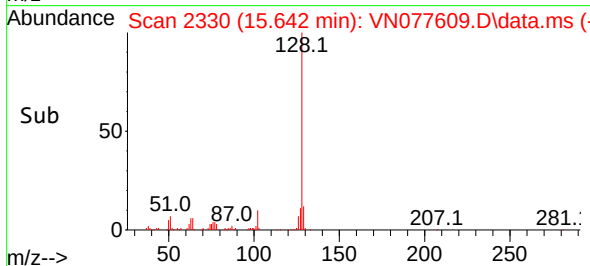
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



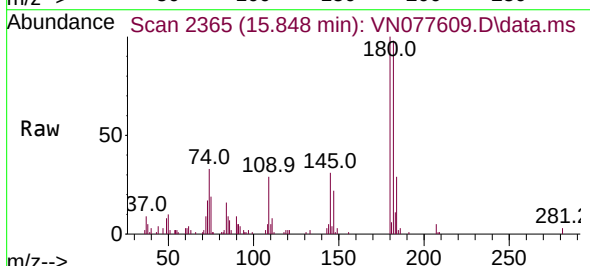
Tgt Ion:128 Resp: 147390
Ion Ratio Lower Upper
128 100
127 11.9 9.6 14.4
129 11.2 9.1 13.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#92
1,2,3-Trichlorobenzene
Concen: 9.753 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: VN077609.D
Acq: 08 May 2023 10:58



Tgt Ion:180 Resp: 43262
Ion Ratio Lower Upper
180 100
182 95.0 0.0 193.4
145 33.6 0.0 78.6

