

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044113.D
 Acq On : 04 Dec 2024 13:47
 Operator : JC/MD
 Sample : VX1204WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/05/2024
 Supervised By : Mahesh Dadoda 12/05/2024

Quant Time: Dec 05 00:24:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	115232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	206872	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	82606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	109370	55.337	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.680%			
35) Dibromofluoromethane	5.379	113	78130	52.855	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.700%			
50) Toluene-d8	8.647	98	264584	51.925	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.840%			
62) 4-Bromofluorobenzene	11.079	95	94839	54.689	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.380%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	25006	17.130	ug/l	96
3) Chloromethane	1.295	50	28015	18.237	ug/l	96
4) Vinyl Chloride	1.374	62	30025	18.376	ug/l	98
5) Bromomethane	1.593	94	20901	20.794	ug/l	91
6) Chloroethane	1.666	64	22200	22.298	ug/l	98
7) Trichlorofluoromethane	1.868	101	62867	21.521	ug/l	98
8) Diethyl Ether	2.130	74	21320	20.024	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	27651	19.844	ug/l	97
10) Methyl Iodide	2.441	142	34180	19.640	ug/l	97
11) Tert butyl alcohol	2.989	59	31200	98.350	ug/l	99
12) 1,1-Dichloroethene	2.307	96	25268	19.030	ug/l	94
13) Acrolein	2.233	56	35628	106.550	ug/l	100
14) Allyl chloride	2.654	41	43798	20.187	ug/l	95
15) Acrylonitrile	3.062	53	82880	107.208	ug/l	98
16) Acetone	2.386	43	89251	98.320	ug/l	98
17) Carbon Disulfide	2.502	76	43591	15.915	ug/l	100
18) Methyl Acetate	2.703	43	45440	21.495	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	105263	21.833	ug/l	98
20) Methylene Chloride	2.782	84	29827	19.362	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	26768	19.526	ug/l	96
22) Diisopropyl ether	3.764	45	99038	21.347	ug/l	97
23) Vinyl Acetate	3.715	43	430660	108.514	ug/l	99
24) 1,1-Dichloroethane	3.605	63	56025	20.933	ug/l	99
25) 2-Butanone	4.562	43	124283	106.108	ug/l	94
26) 2,2-Dichloropropane	4.471	77	47919	19.825	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	33834	19.966	ug/l	96
28) Bromochloromethane	4.891	49	23731	20.144	ug/l	100
29) Tetrahydrofuran	5.013	42	76368	106.351	ug/l	99
30) Chloroform	5.080	83	61163	21.248	ug/l	95
31) Cyclohexane	5.464	56	43850	19.907	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	53283	21.465	ug/l	99
36) 1,1-Dichloropropene	5.684	75	37571	20.397	ug/l	99
37) Ethyl Acetate	4.715	43	48962	21.413	ug/l	98
38) Carbon Tetrachloride	5.666	117	40966	19.793	ug/l	97
39) Methylcyclohexane	7.373	83	49139	20.534	ug/l	97
40) Benzene	6.031	78	115508	20.131	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	25107	21.454	ug/l #	90
42) 1,2-Dichloroethane	6.080	62	49334	21.408	ug/l	99
43) Isopropyl Acetate	6.342	43	79930	21.965	ug/l	98
44) Trichloroethene	7.123	130	28166	17.341	ug/l	100
45) 1,2-Dichloropropane	7.428	63	30054	21.386	ug/l	93
46) Dibromomethane	7.580	93	23576	21.208	ug/l	99
47) Bromodichloromethane	7.818	83	40640	20.384	ug/l	96
48) Methyl methacrylate	7.696	41	36691	21.013	ug/l	98
49) 1,4-Dioxane	7.665	88	10086	324.275	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	252833	113.855	ug/l	98
52) Toluene	8.714	92	72868	21.218	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	41774	20.547	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	45471	20.401	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	30652	21.622	ug/l	96
56) Ethyl methacrylate	9.116	69	48535	21.980	ug/l	99
57) 1,3-Dichloropropane	9.305	76	52456	21.966	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	106301	87.188	ug/l	97
59) 2-Hexanone	9.433	43	188989	113.228	ug/l	97
60) Dibromochloromethane	9.519	129	27939	19.643	ug/l	100
61) 1,2-Dibromoethane	9.610	107	31398	21.904	ug/l	99
64) Tetrachloroethene	9.269	164	23898	20.257	ug/l	90
65) Chlorobenzene	10.080	112	80200	20.410	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	26343	20.671	ug/l	99
67) Ethyl Benzene	10.189	91	141214	21.208	ug/l	99
68) m/p-Xylenes	10.299	106	104219	41.972	ug/l	100
69) o-Xylene	10.640	106	51436	21.216	ug/l	98
70) Styrene	10.653	104	83419	20.804	ug/l	97
71) Bromoform	10.799	173	15959	17.880	ug/l #	99
73) Isopropylbenzene	10.964	105	134354	21.159	ug/l	100
74) N-amyl acetate	10.842	43	64407	21.895	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	46598	21.432	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	39328m	21.710	ug/l	
77) Bromobenzene	11.195	156	31362	20.704	ug/l	99
78) n-propylbenzene	11.305	91	152303	21.476	ug/l	98
79) 2-Chlorotoluene	11.366	91	95329	21.258	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	114085	21.838	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10671	16.074	ug/l #	77
82) 4-Chlorotoluene	11.451	91	107030	21.140	ug/l	100
83) tert-Butylbenzene	11.713	119	109435	21.135	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	113300	21.784	ug/l	99
85) sec-Butylbenzene	11.890	105	137654	21.698	ug/l	98
86) p-Isopropyltoluene	12.006	119	112943	21.917	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	57583	20.872	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	56941	20.244	ug/l	96
89) n-Butylbenzene	12.329	91	98251	21.625	ug/l	99
90) Hexachloroethane	12.536	117	15672	17.885	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	57283	20.575	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8344	19.152	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	31357	19.104	ug/l	98
94) Hexachlorobutadiene	13.725	225	13426	20.696	ug/l	95
95) Naphthalene	13.774	128	128692	21.780	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	33682	20.273	ug/l	96

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ClientSampleId :
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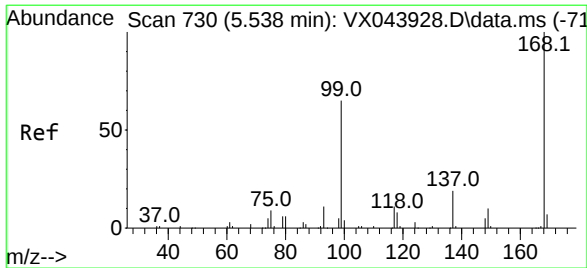
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

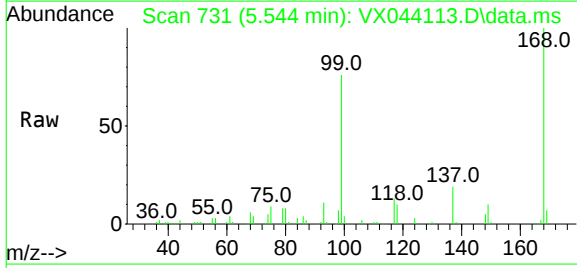
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044113.D
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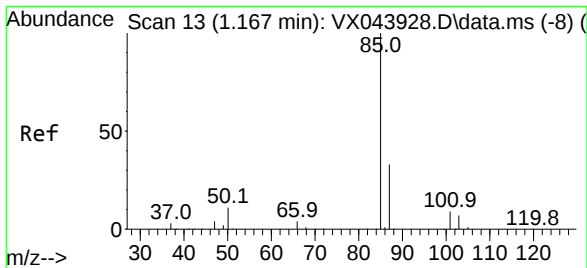
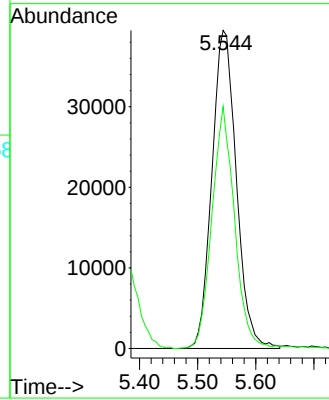
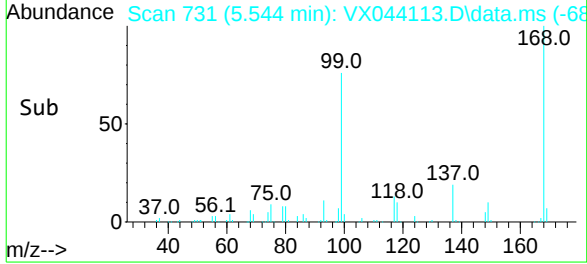
Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01



Tgt Ion: 168 Resp: 115232
Ion Ratio Lower Upper
168 100
99 75.9 51.8 77.8

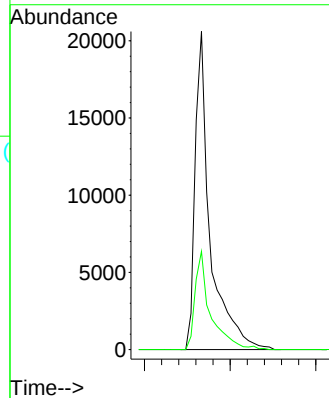
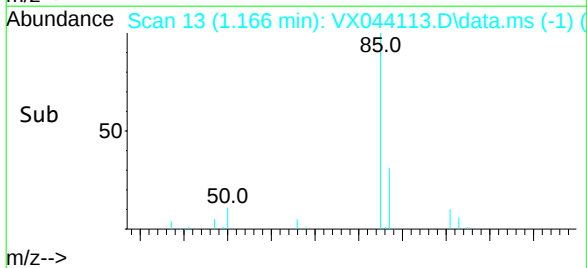
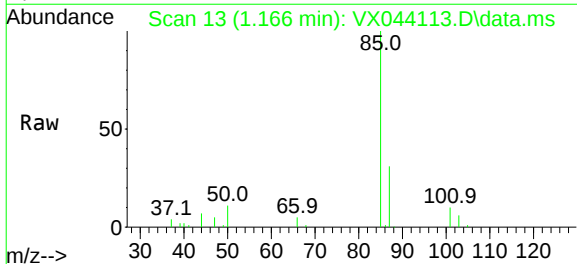
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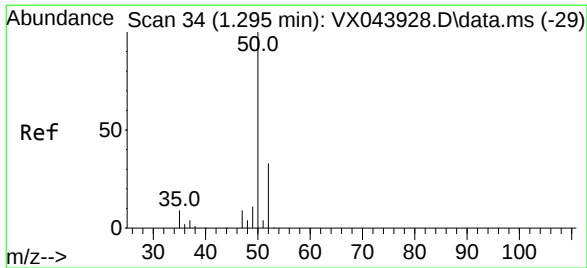
Reviewed By : John Carlone 12/05/2024
Supervised By : Mahesh Dadoda 12/05/2024



#2
Dichlorodifluoromethane
Concen: 17.130 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Tgt Ion: 85 Resp: 25006
Ion Ratio Lower Upper
85 100
87 30.9 16.6 49.8





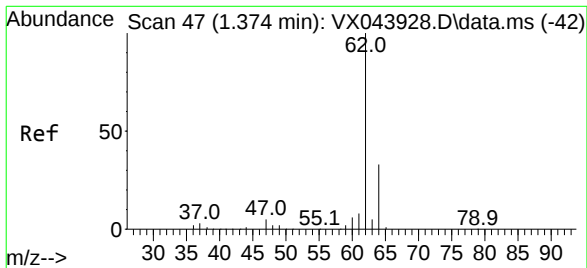
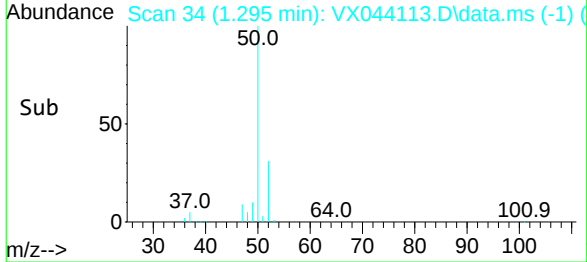
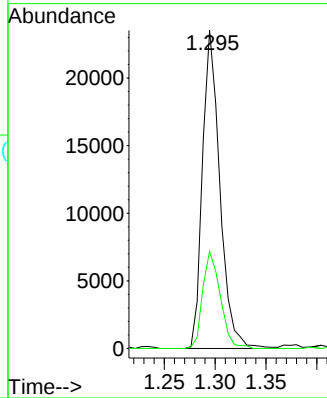
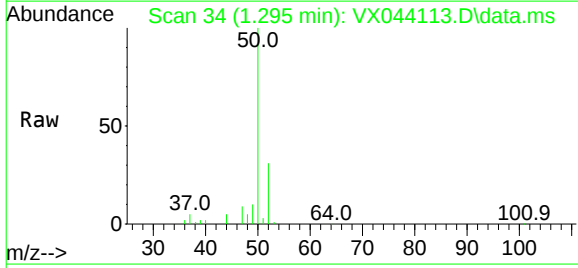
#3
Chloromethane
Concen: 18.237 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

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Tgt Ion: 50 Resp: 28015
Ion Ratio Lower Upper
50 100
52 30.5 26.1 39.1

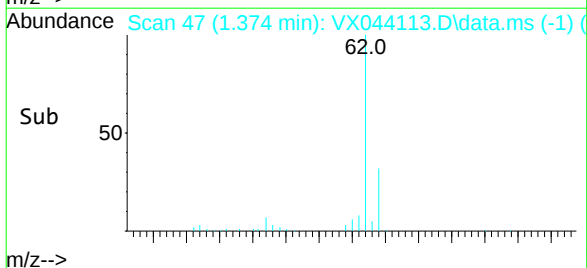
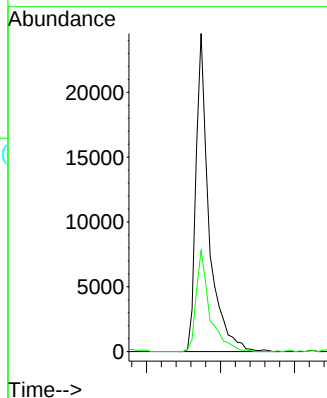
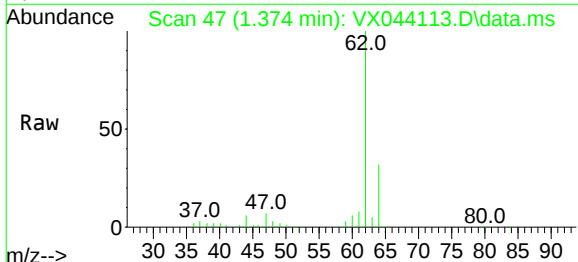
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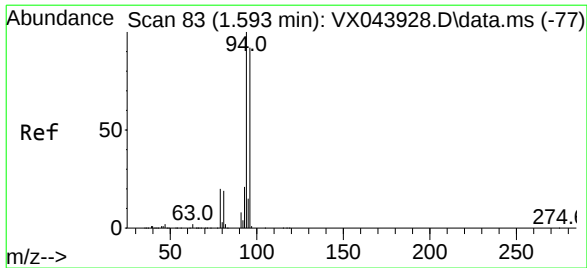
Reviewed By :John Carlone 12/05/2024
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#4
Vinyl Chloride
Concen: 18.376 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Tgt Ion: 62 Resp: 30025
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.4





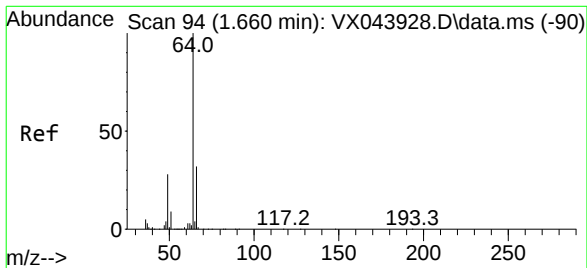
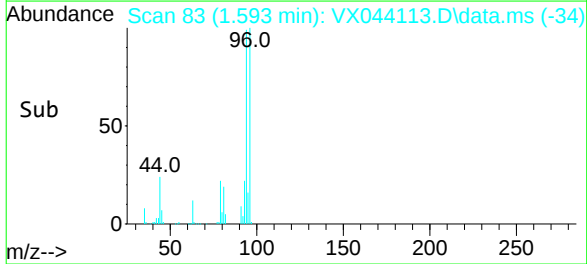
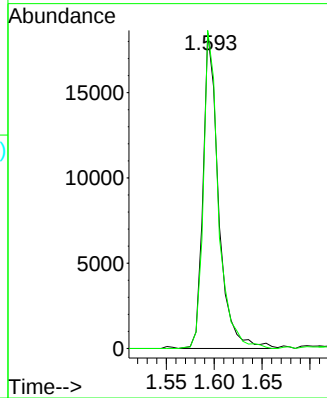
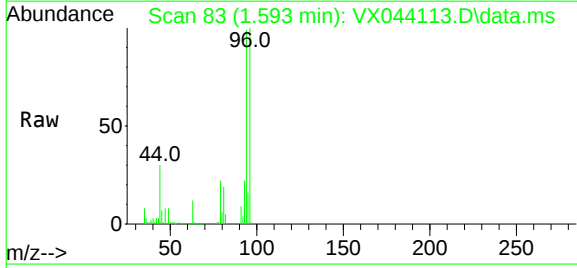
#5
Bromomethane
Concen: 20.794 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044113.D
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Tgt Ion: 94 Resp: 20901
Ion Ratio Lower Upper
94 100
96 100.8 73.9 110.9

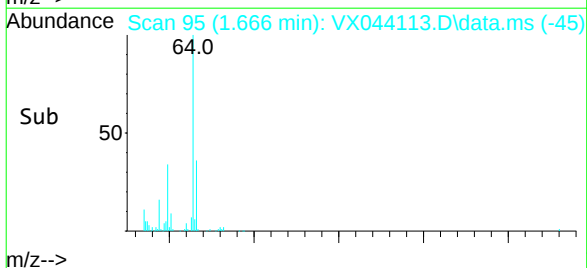
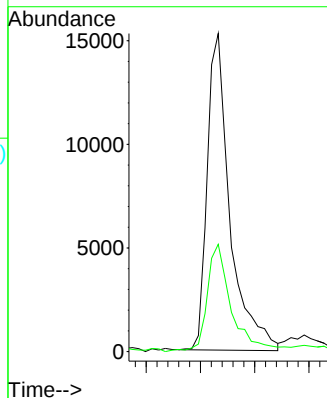
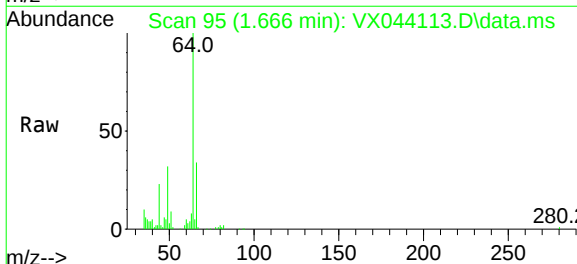
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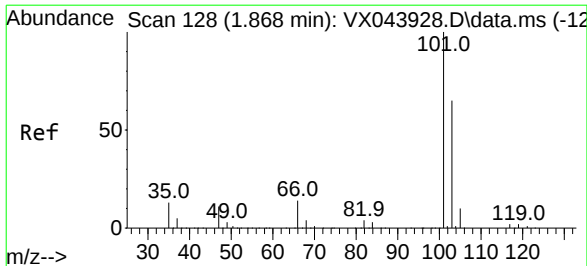
Reviewed By :John Carlone 12/05/2024
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#6
Chloroethane
Concen: 22.298 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX044113.D
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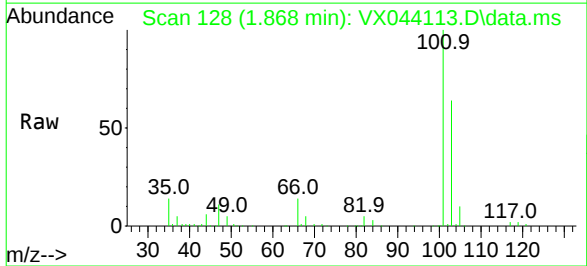
Tgt Ion: 64 Resp: 22200
Ion Ratio Lower Upper
64 100
66 33.3 25.9 38.9





Trichlorofluoromethane
 Concen: 21.521 ug/l
 RT: 1.868 min Scan# 128
 Delta R.T. -0.000 min
 Lab File: VX044113.D
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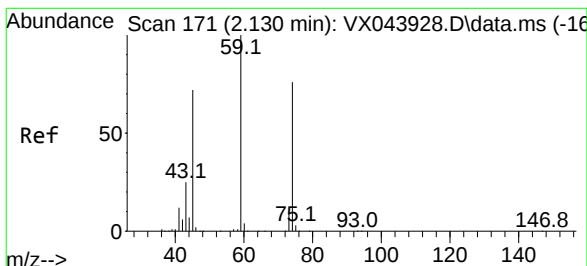
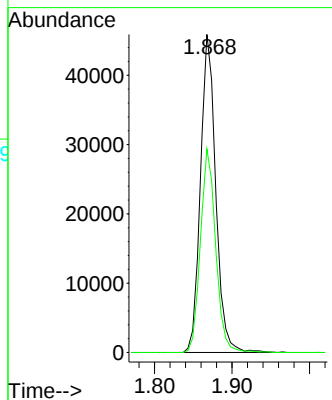
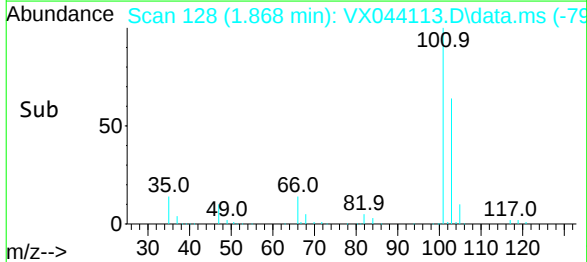
Instrument :
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Tgt Ion:101 Resp: 62867
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.2 78.2

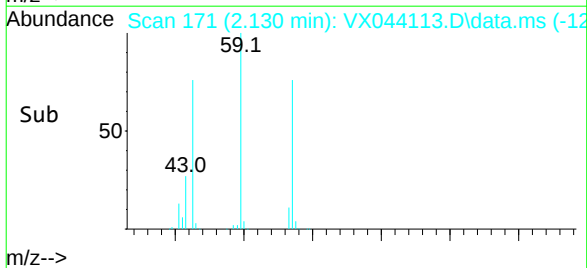
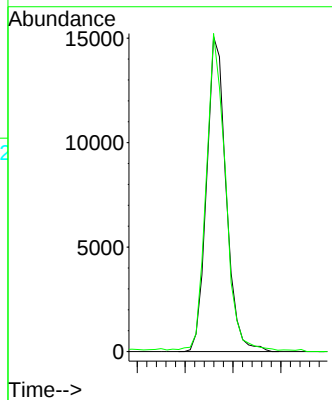
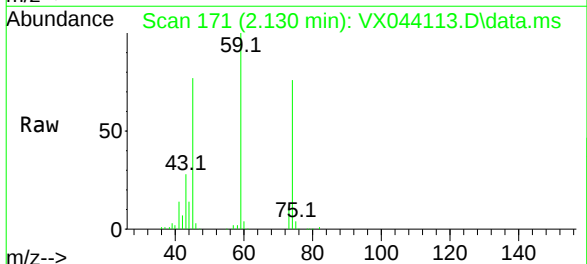
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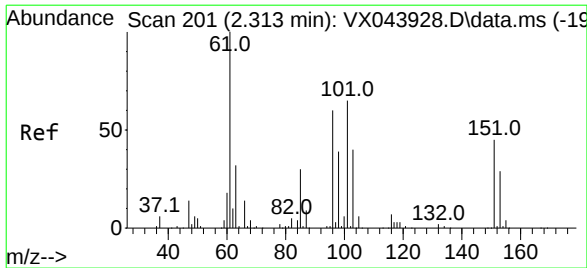
Reviewed By :John Carlone 12/05/2024
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Diethyl Ether
 Concen: 20.024 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 21320
 Ion Ratio Lower Upper
 74 100
 45 98.3 47.9 143.6





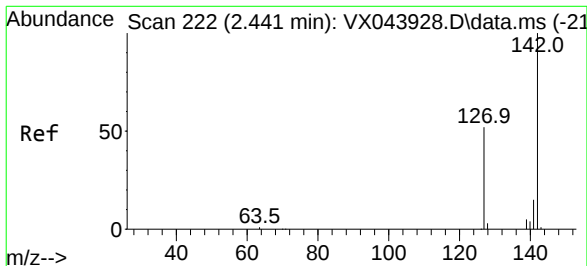
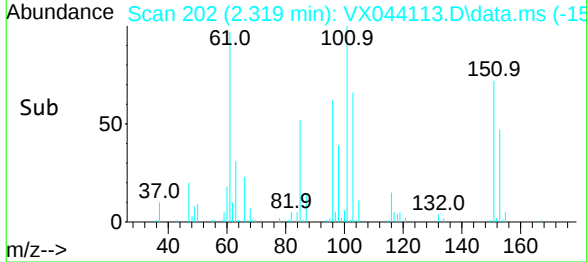
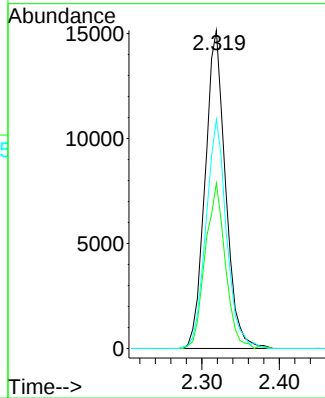
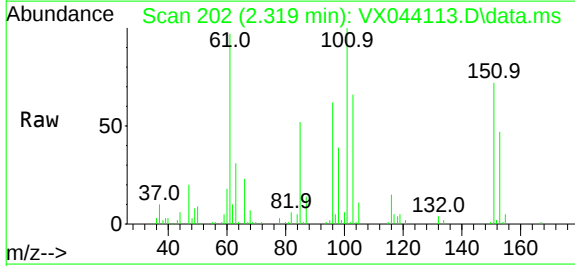
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.844 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion	Ratio	Lower	Upper
101	100		
85	51.3	37.9	56.9
151	72.6	57.5	86.3

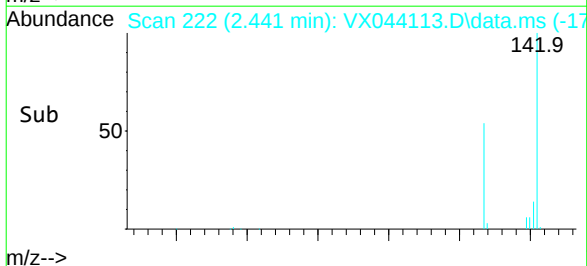
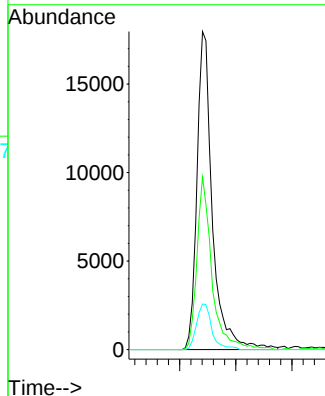
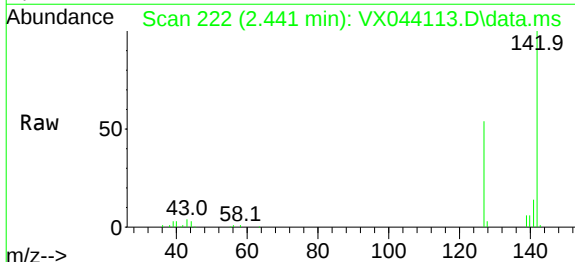
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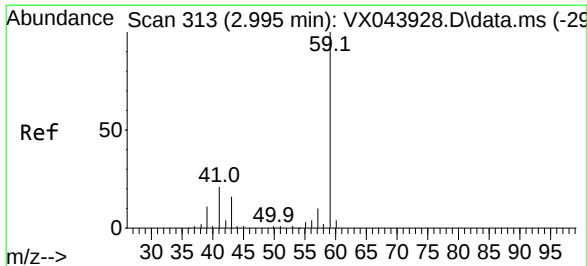
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#10
Methyl Iodide
Concen: 19.640 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Tgt Ion	Ratio	Lower	Upper
142	100		
127	53.0	40.7	61.1
141	14.2	12.0	18.0





#11

Tert butyl alcohol

Concen: 98.350 ug/l

RT: 2.989 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tgt Ion: 59 Resp: 31200

Ion Ratio Lower Upper

59 100

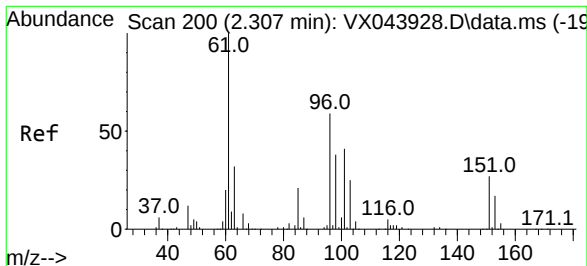
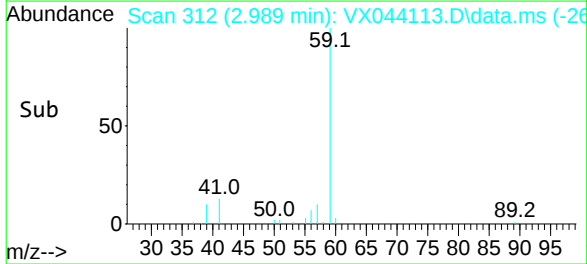
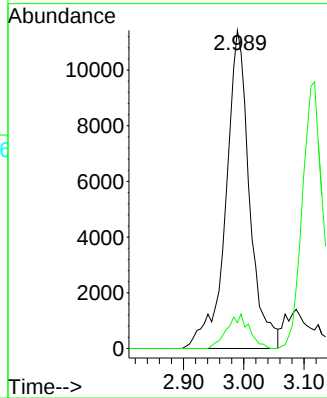
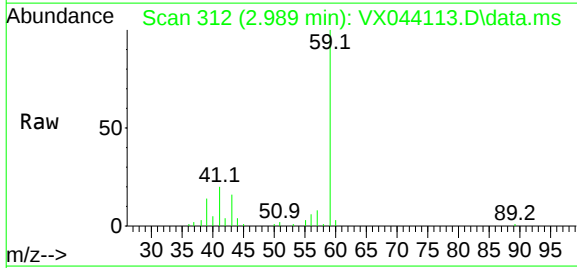
57 10.2 7.9 11.9

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Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#12

1,1-Dichloroethene

Concen: 19.030 ug/l

RT: 2.307 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

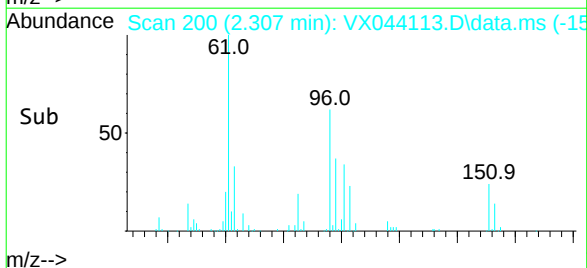
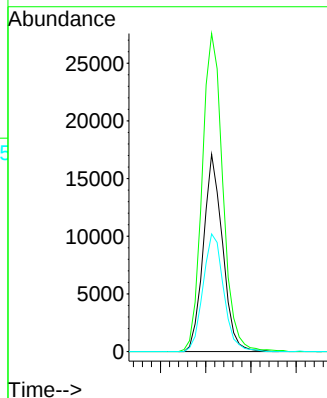
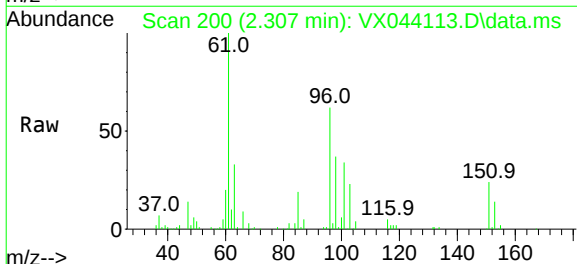
Tgt Ion: 96 Resp: 25268

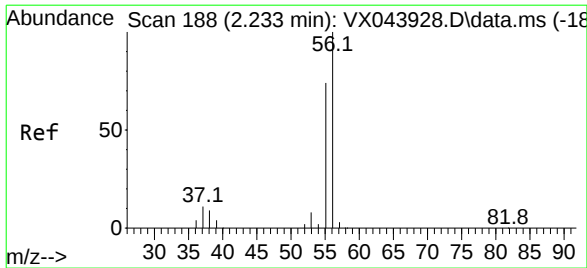
Ion Ratio Lower Upper

96 100

61 161.2 135.5 203.3

98 59.6 50.8 76.2





#13

Acrolein

Concen: 106.550 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tgt Ion: 56 Resp: 35628

Ion Ratio Lower Upper

56 100

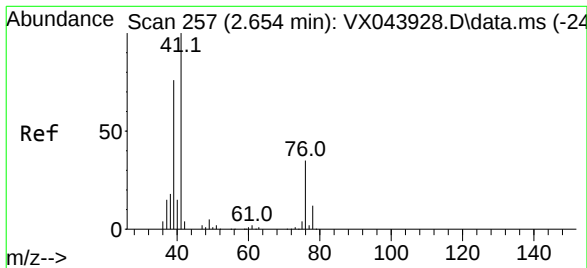
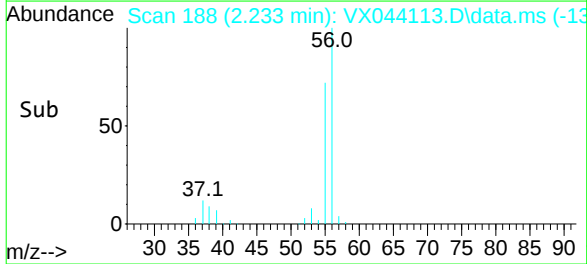
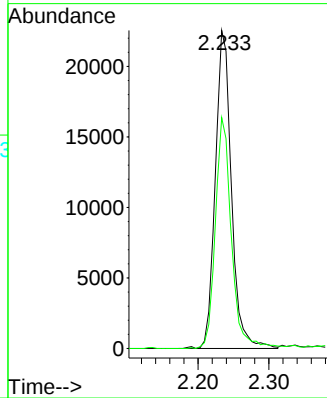
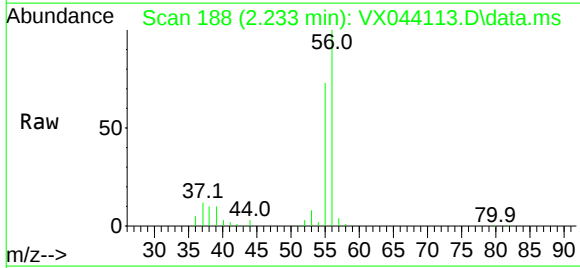
55 72.6 58.2 87.2

Manual Integrations

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Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#14

Allyl chloride

Concen: 20.187 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

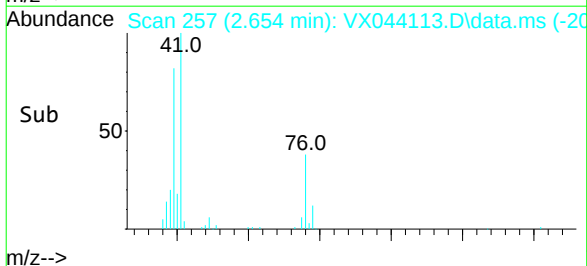
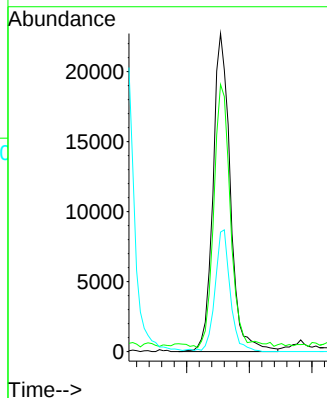
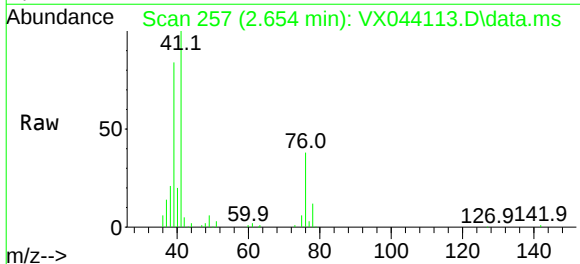
Tgt Ion: 41 Resp: 43798

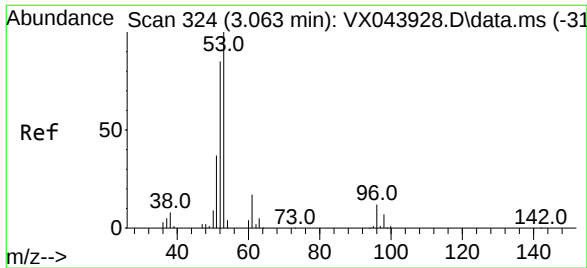
Ion Ratio Lower Upper

41 100

39 79.6 59.5 89.3

76 33.3 27.4 41.2





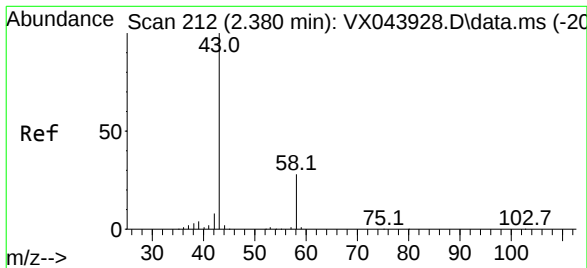
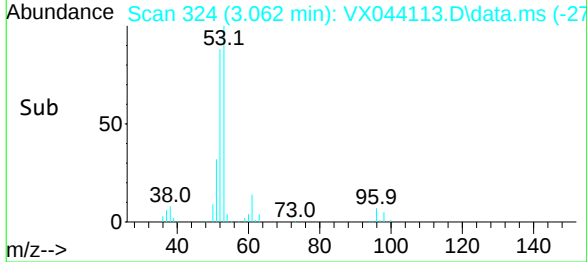
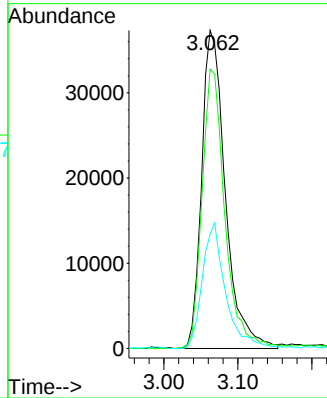
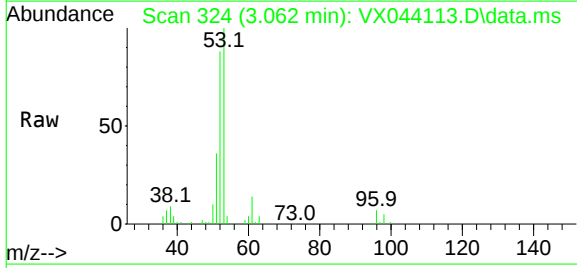
#15
Acrylonitrile
Concen: 107.208 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	84.6	66.5	99.7
51	38.9	30.2	45.4

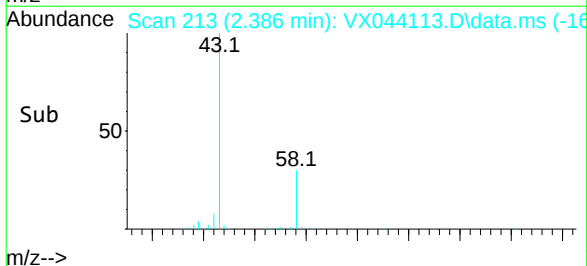
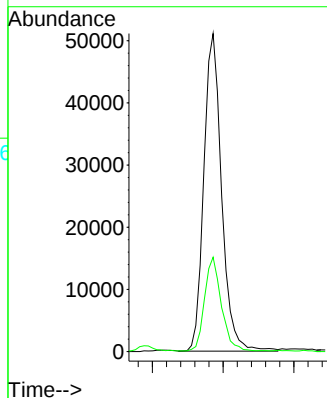
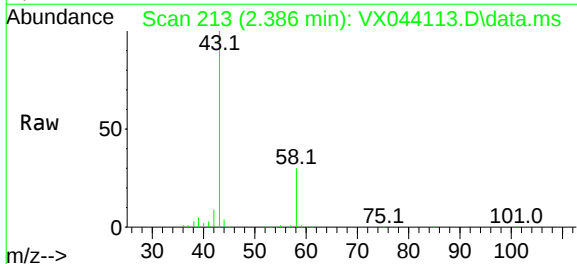
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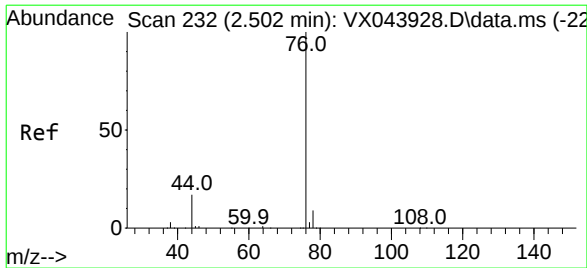
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#16
Acetone
Concen: 98.320 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.5	22.7	34.1





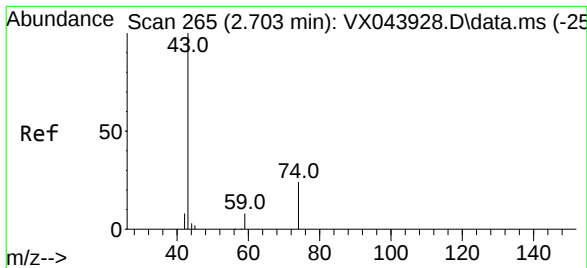
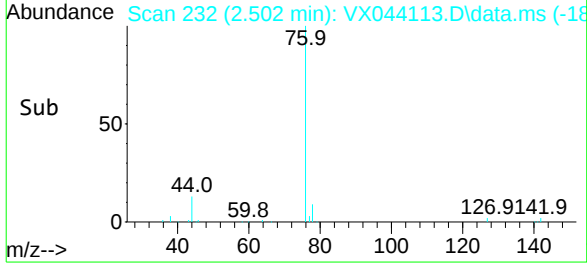
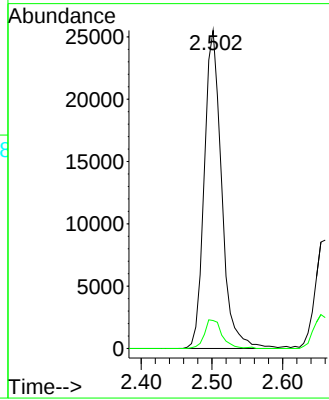
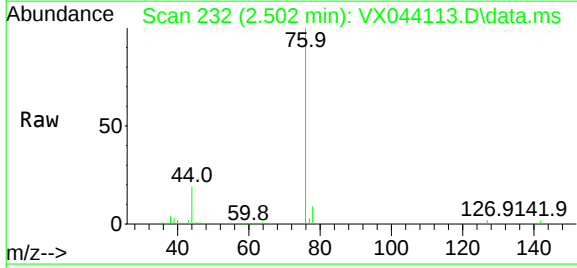
#17
Carbon Disulfide
Concen: 15.915 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion: 76 Resp: 43591
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

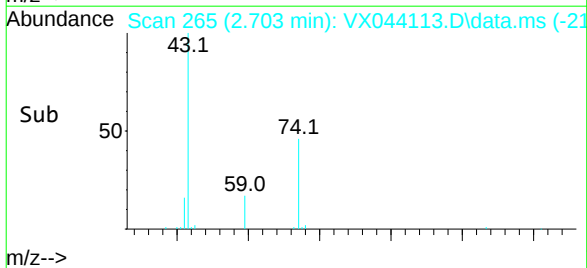
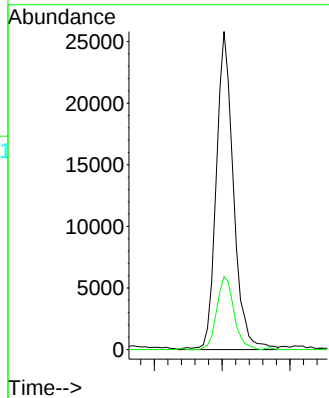
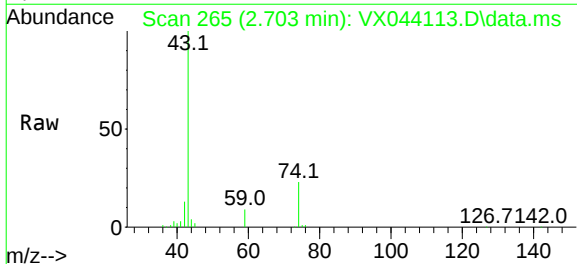
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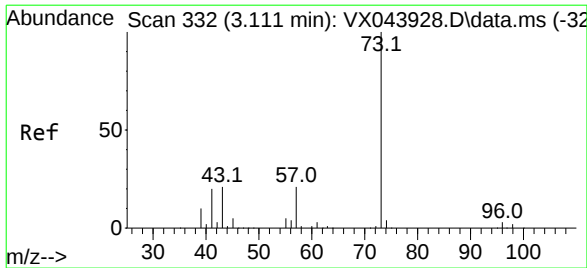
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#18
Methyl Acetate
Concen: 21.495 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Tgt Ion: 43 Resp: 45440
Ion Ratio Lower Upper
43 100
74 23.0 18.9 28.3





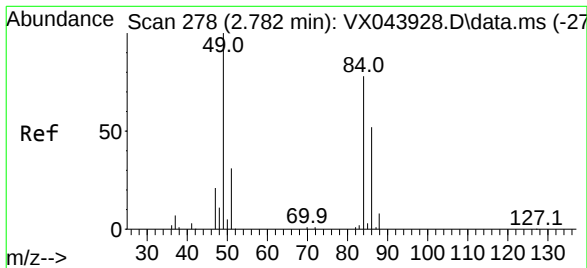
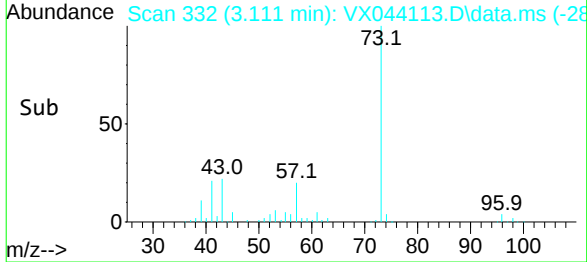
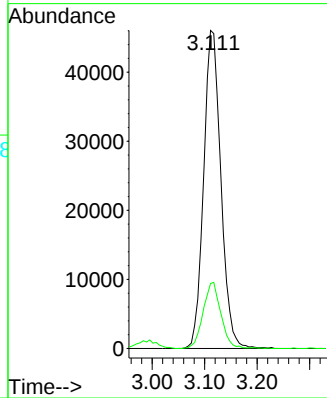
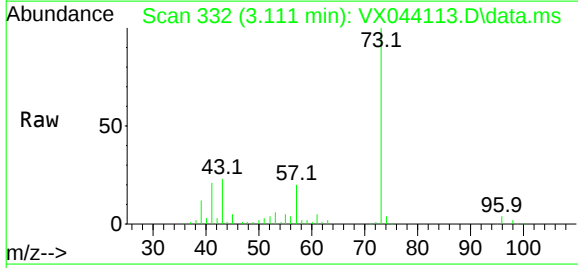
#19
Methyl tert-butyl Ether
Concen: 21.833 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion: 73 Resp: 105263
Ion Ratio Lower Upper
73 100
57 20.4 17.0 25.6

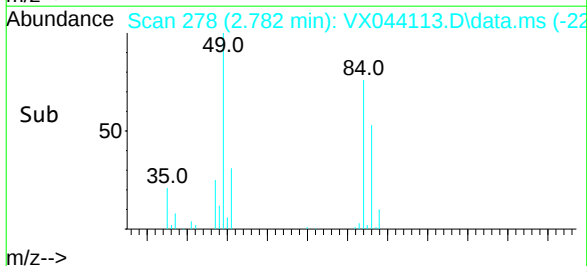
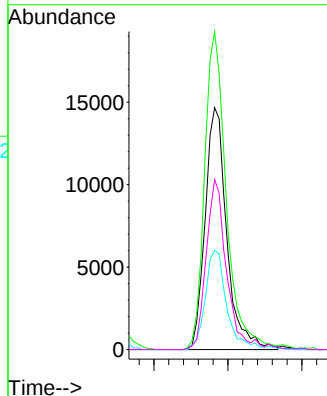
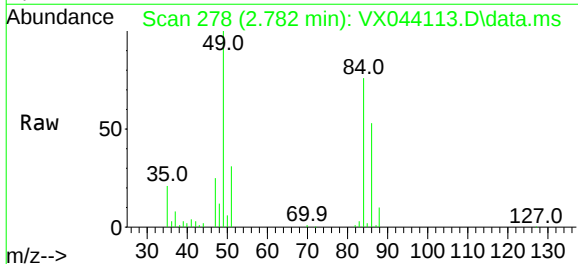
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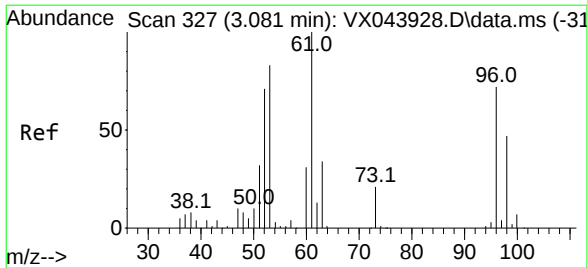
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#20
Methylene Chloride
Concen: 19.362 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

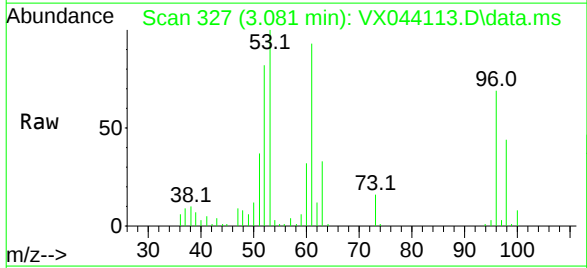
Tgt Ion: 84 Resp: 29827
Ion Ratio Lower Upper
84 100
49 131.5 102.7 154.1
51 40.9 31.7 47.5
86 70.3 53.9 80.9





#21
trans-1,2-Dichloroethene
Concen: 19.526 ug/l
RT: 3.081 min Scan# 327
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

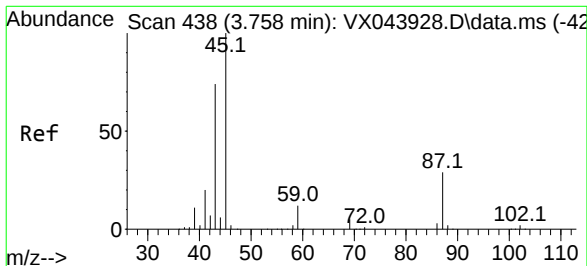
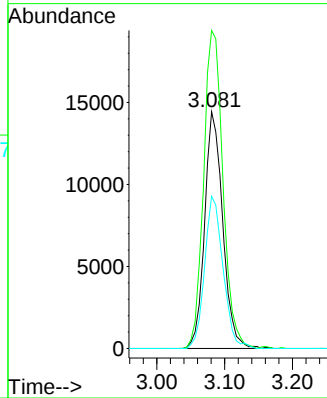
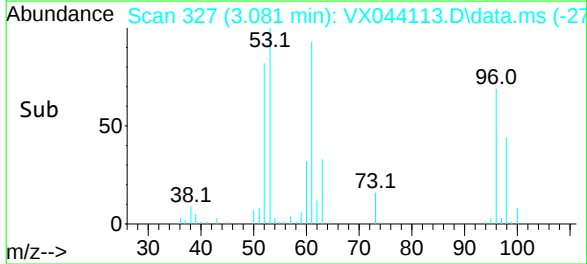
Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01



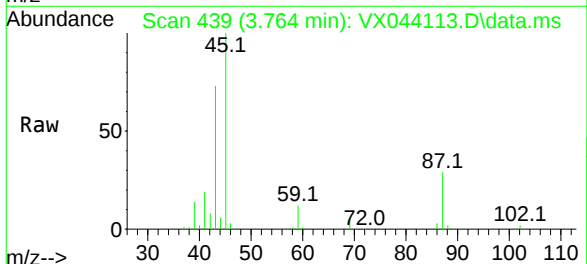
Tgt Ion: 96 Resp: 26768
Ion Ratio Lower Upper
96 100
61 134.4 111.8 167.6
98 64.3 52.7 79.1

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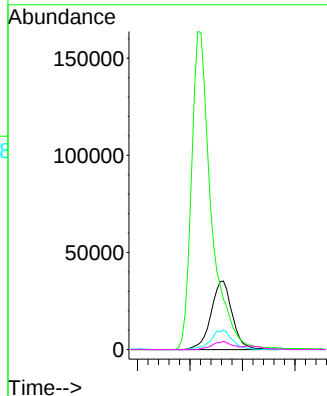
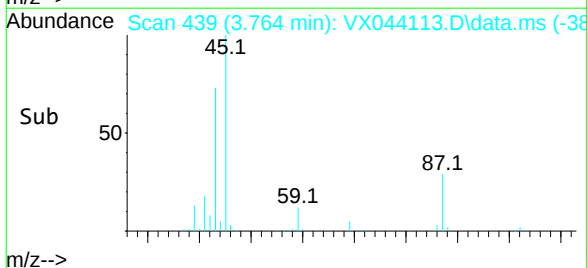
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024

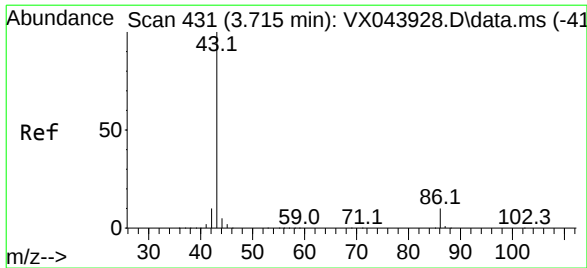


#22
Diisopropyl ether
Concen: 21.347 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47



Tgt Ion: 45 Resp: 99038
Ion Ratio Lower Upper
45 100
43 71.0 59.6 89.4
87 28.5 22.9 34.3
59 12.2 9.8 14.6





#23

Vinyl Acetate

Concen: 108.514 ug/l

RT: 3.715 min Scan# 43

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tgt Ion: 43 Resp: 430660

Ion Ratio Lower Upper

43 100

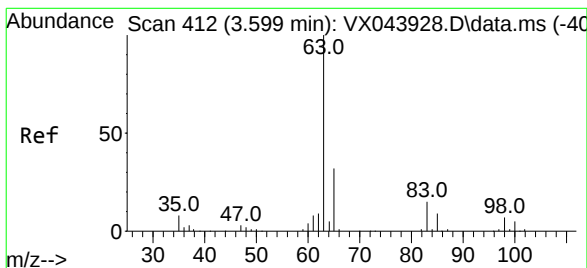
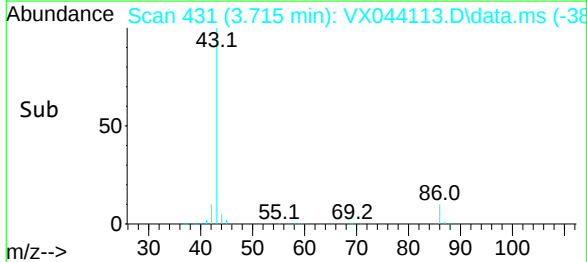
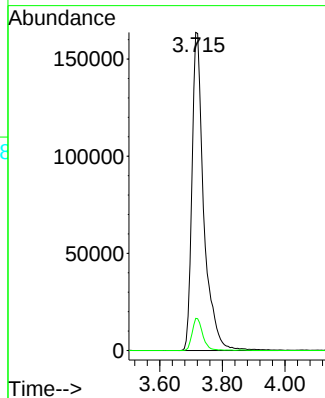
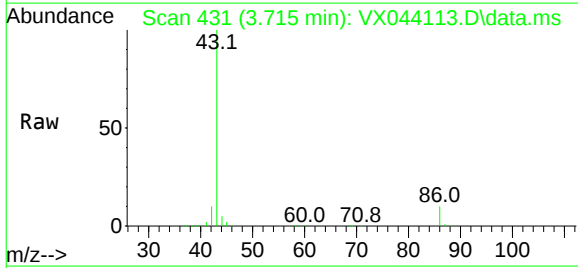
86 10.1 8.3 12.5

Manual Integrations

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Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#24

1,1-Dichloroethane

Concen: 20.933 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.006 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

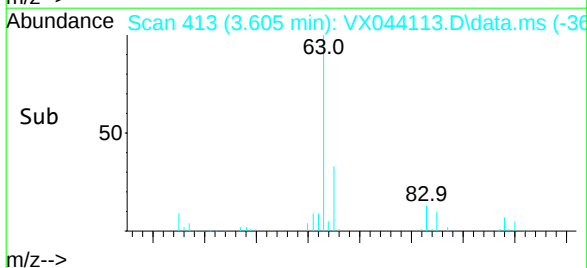
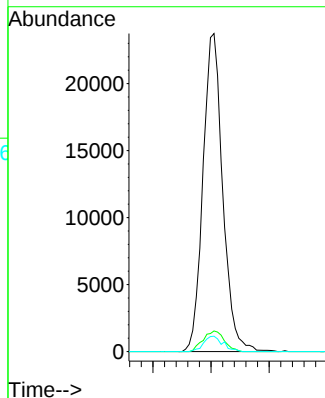
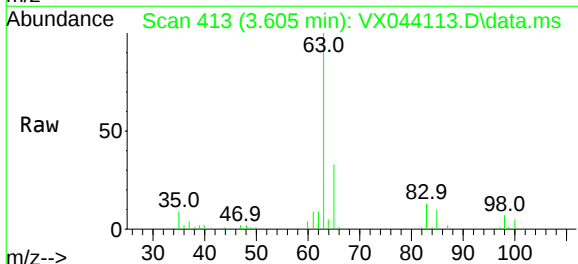
Tgt Ion: 63 Resp: 56025

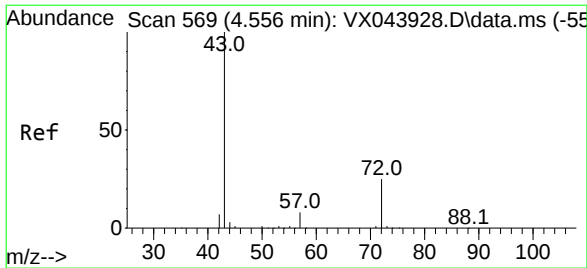
Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.6

100 4.8 2.4 7.1





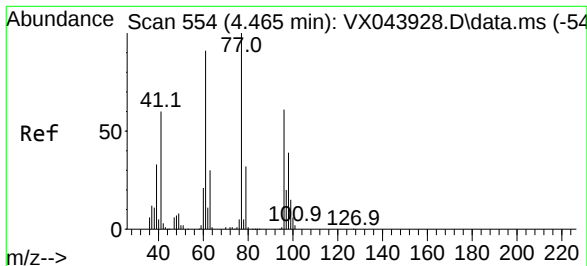
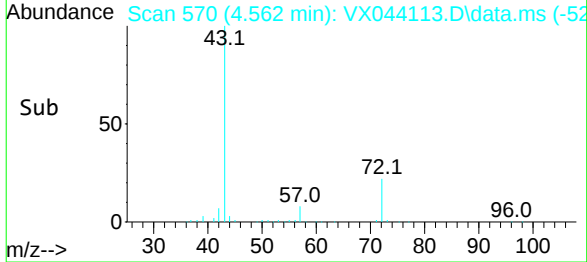
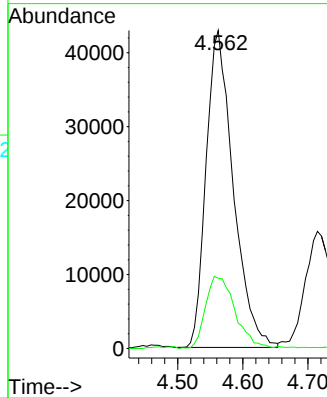
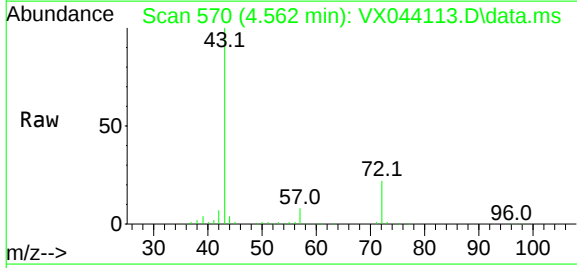
#25
2-Butanone
Concen: 106.108 ug/l
RT: 4.562 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion: 43 Resp: 124283
Ion Ratio Lower Upper
43 100
72 22.1 20.2 30.2

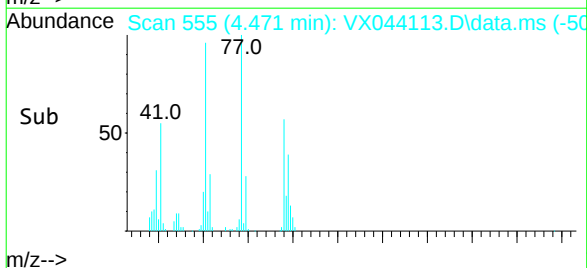
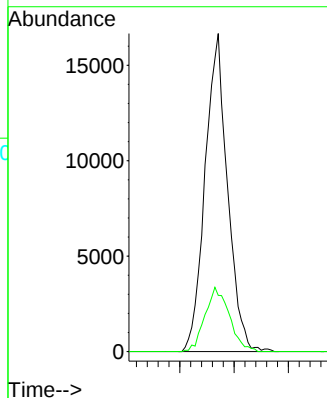
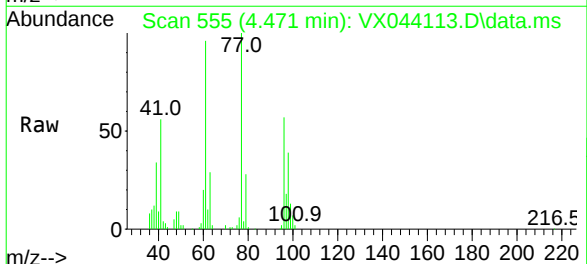
Manual Integrations
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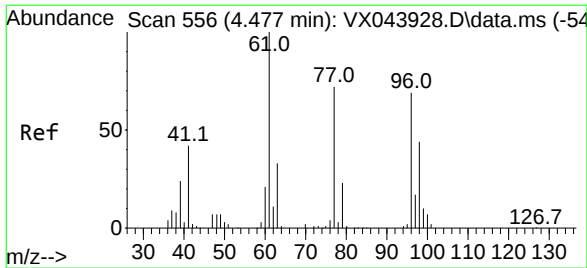
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#26
2,2-Dichloropropane
Concen: 19.825 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

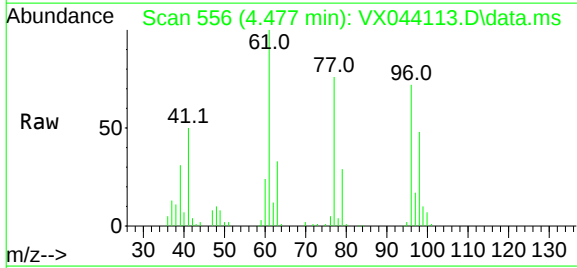
Tgt Ion: 77 Resp: 47919
Ion Ratio Lower Upper
77 100
97 21.9 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 19.966 ug/l
 RT: 4.477 min Scan# 556
 Delta R.T. -0.000 min
 Lab File: VX044113.D
 Acq: 04 Dec 2024 13:47

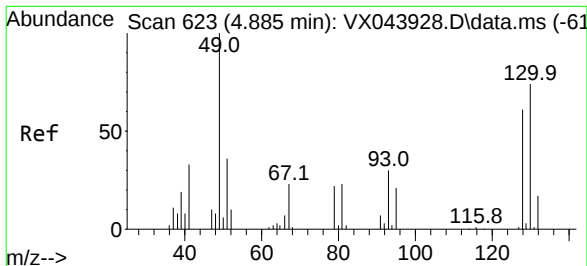
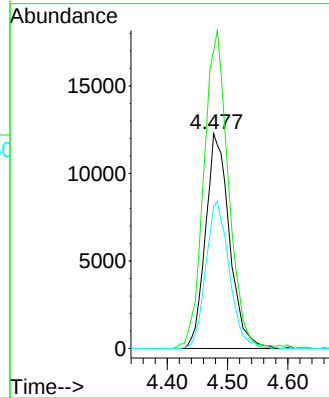
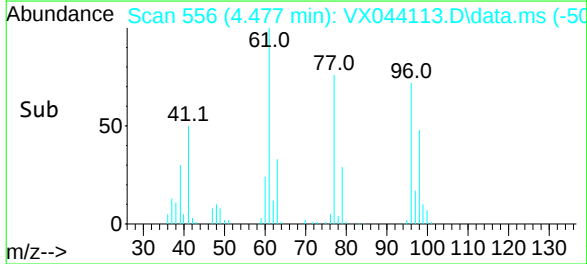
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBSD01



Tgt Ion: 96 Resp: 33834
 Ion Ratio Lower Upper
 96 100
 61 152.8 0.0 297.4
 98 67.3 0.0 127.8

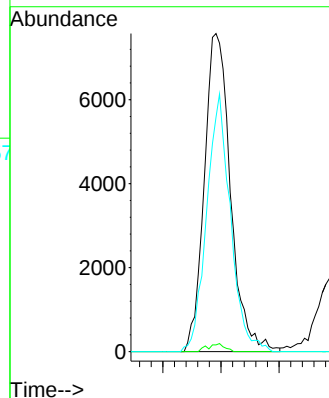
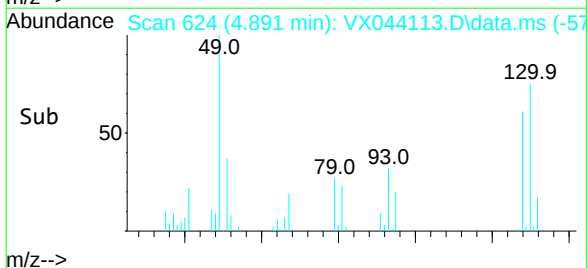
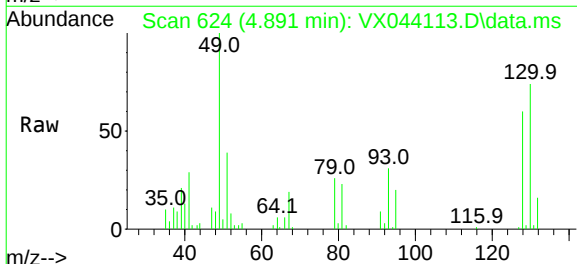
Manual Integrations
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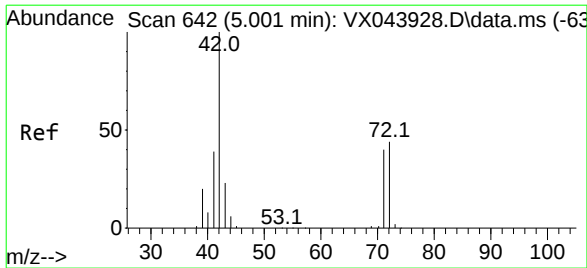
Reviewed By :John Carlone 12/05/2024
 Supervised By :Mahesh Dadoda 12/05/2024



#28
 Bromochloromethane
 Concen: 20.144 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. 0.006 min
 Lab File: VX044113.D
 Acq: 04 Dec 2024 13:47

Tgt Ion: 49 Resp: 23731
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.0
 130 73.6 59.0 88.6





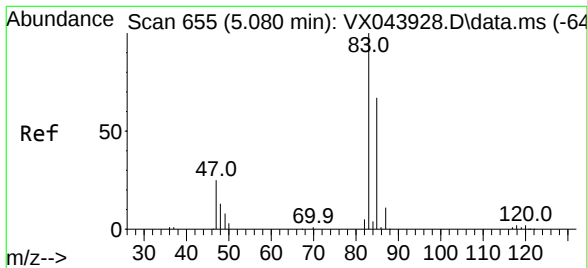
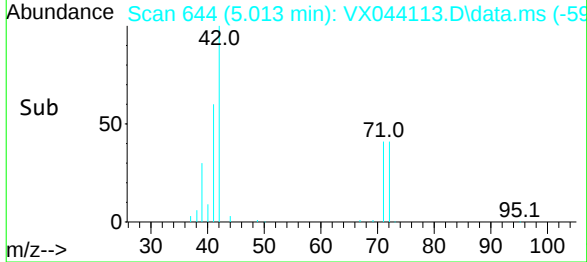
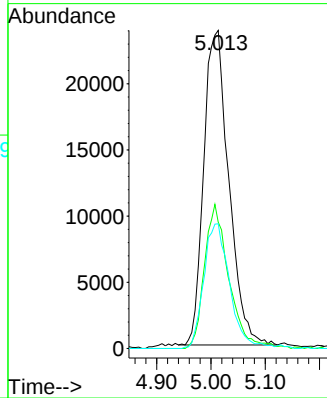
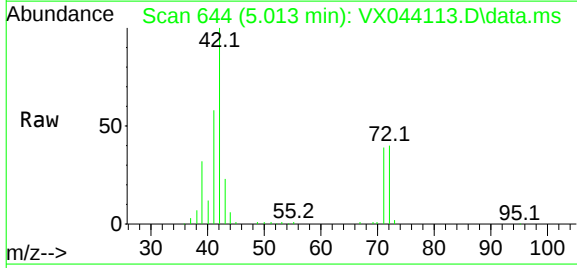
#29
Tetrahydrofuran
Concen: 106.351 ug/l
RT: 5.013 min Scan# 642
Delta R.T. 0.012 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion: 42 Resp: 76368
Ion Ratio Lower Upper
42 100
72 44.5 36.4 54.6
71 40.9 33.4 50.0

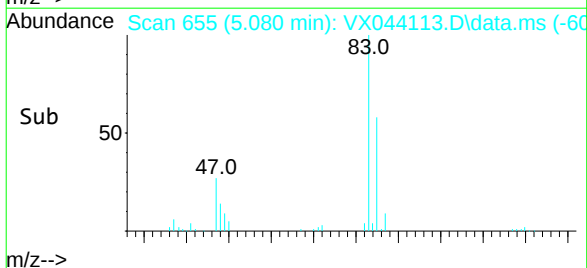
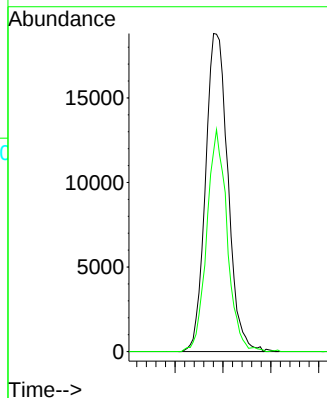
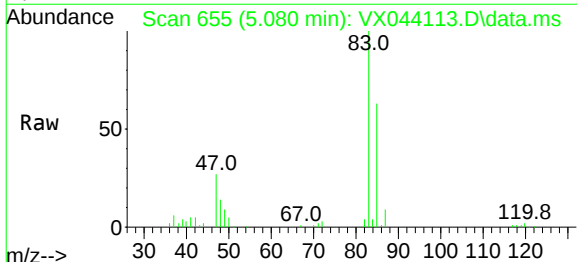
Manual Integrations
APPROVED

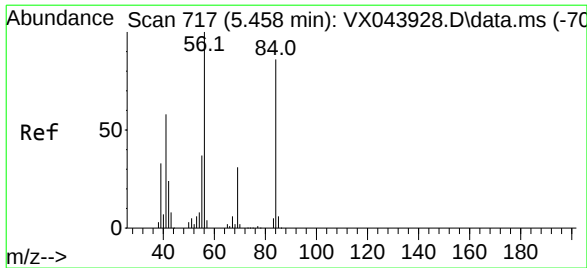
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#30
Chloroform
Concen: 21.248 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Tgt Ion: 83 Resp: 61163
Ion Ratio Lower Upper
83 100
85 62.8 53.5 80.3





#31

Cyclohexane

Concen: 19.907 ug/l

RT: 5.464 min Scan# 717

Delta R.T. 0.006 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

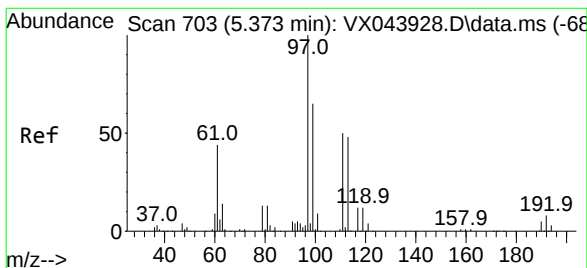
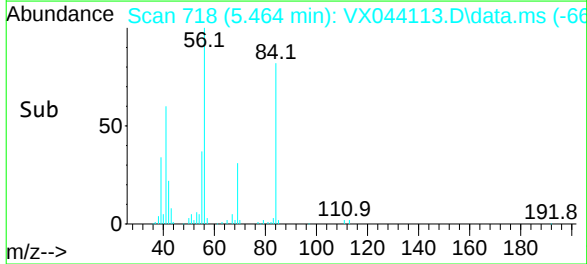
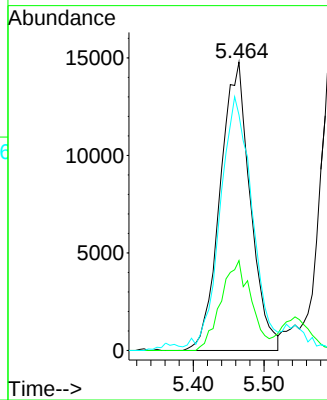
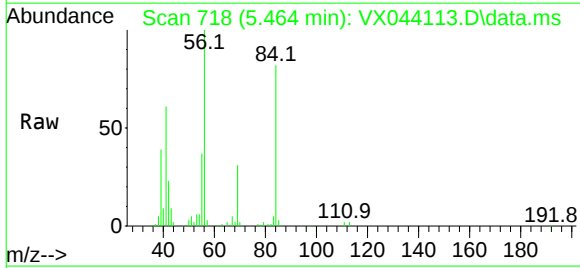
Tgt Ion:	56	Resp:	43850
Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.7	37.1
84	80.2	68.7	103.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#32

1,1,1-Trichloroethane

Concen: 21.465 ug/l

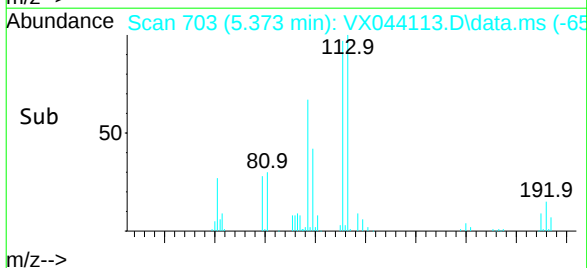
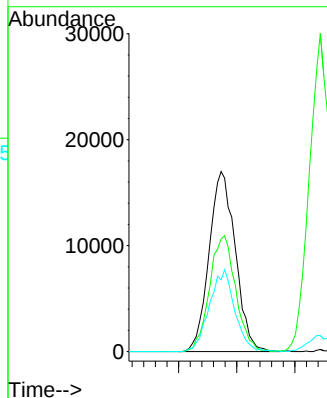
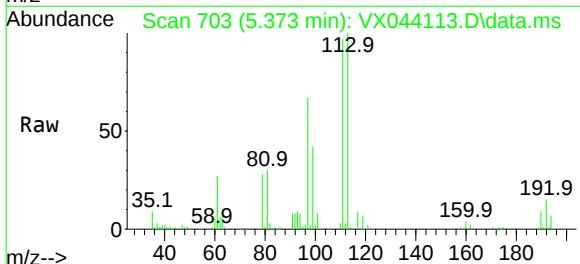
RT: 5.373 min Scan# 703

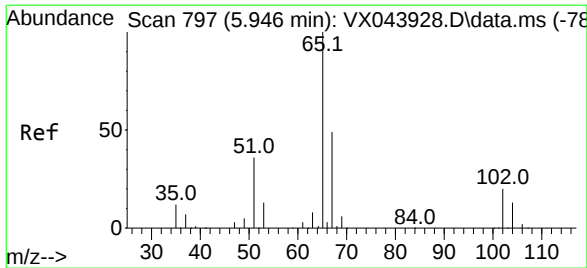
Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Tgt Ion:	97	Resp:	53283
Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.8	76.2
61	43.9	35.4	53.2





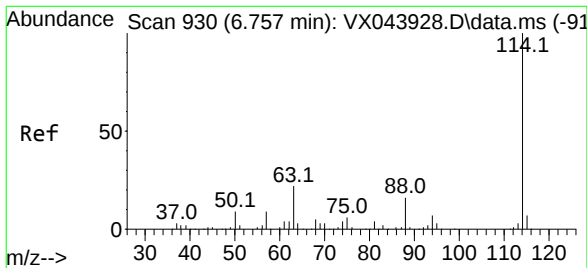
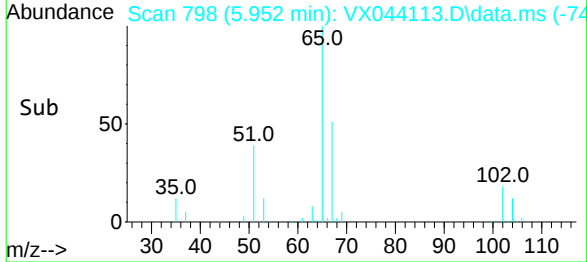
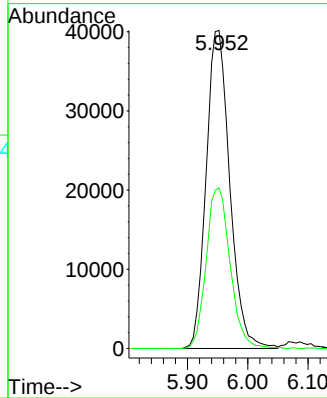
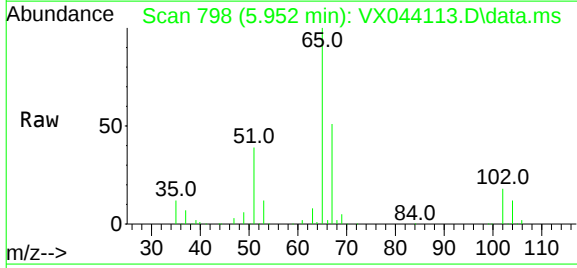
#33
1,2-Dichloroethane-d4
Concen: 55.337 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.006 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion: 65 Resp: 109370
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.8

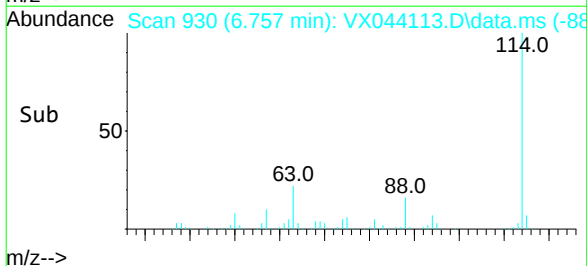
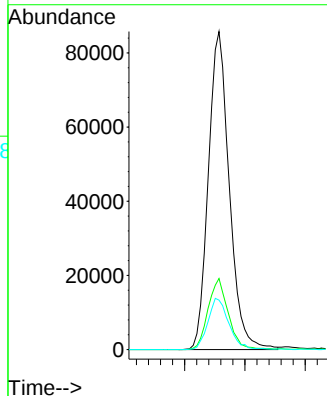
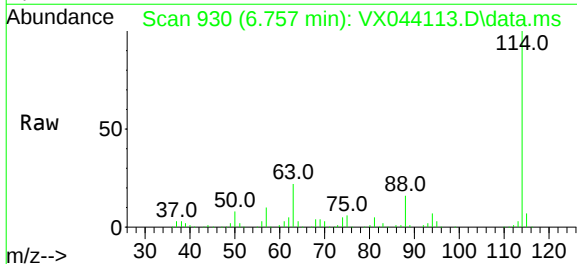
Manual Integrations
APPROVED

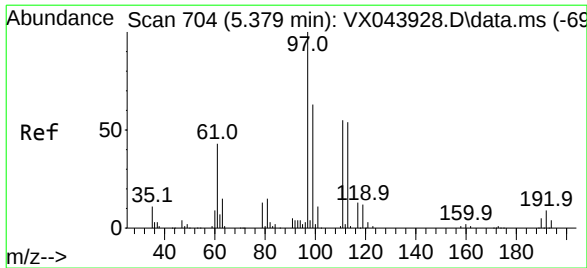
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Tgt Ion:114 Resp: 206872
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.0
88 15.5 0.0 32.4





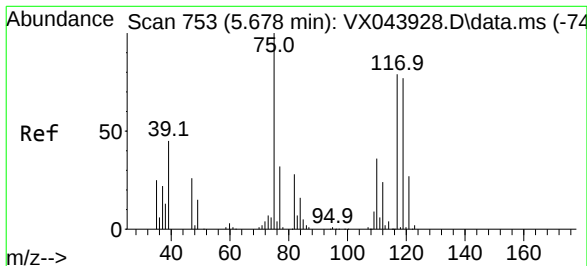
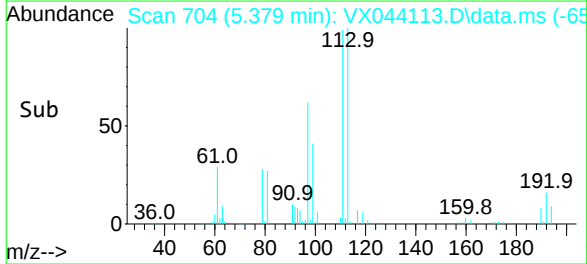
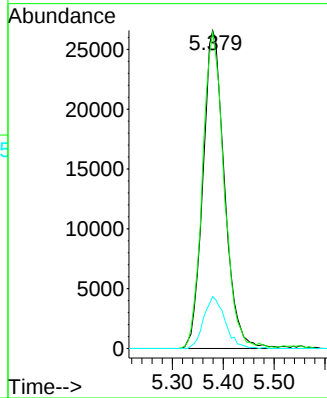
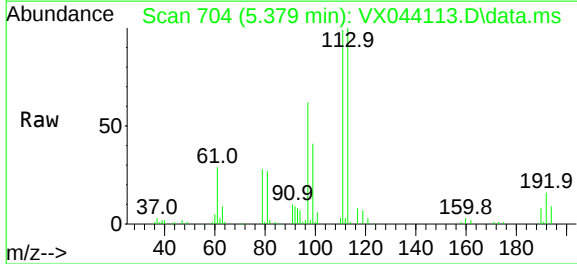
#35
Dibromofluoromethane
Concen: 52.855 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.7	81.0	121.4
192	16.2	13.0	19.6

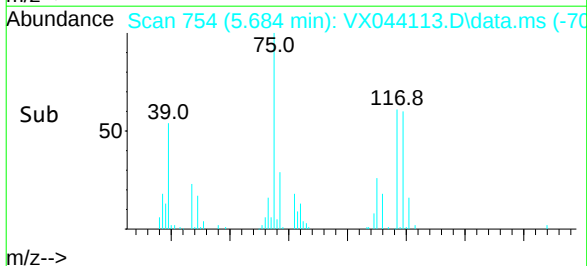
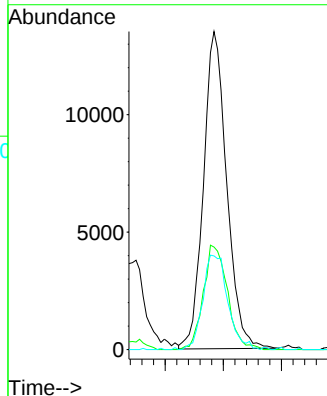
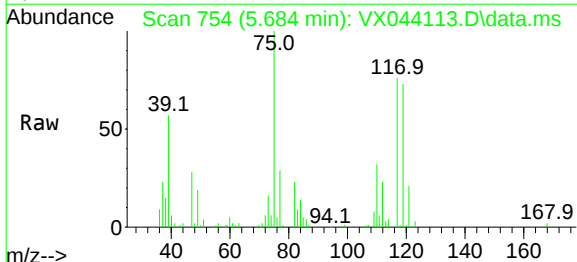
Manual Integrations
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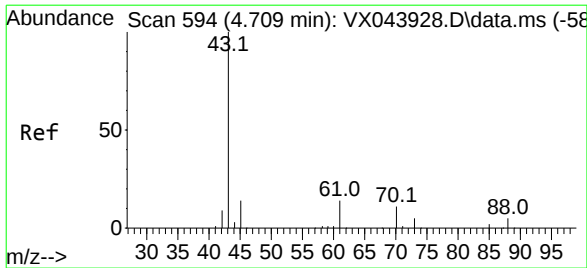
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#36
1,1-Dichloropropene
Concen: 20.397 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.1	17.4	52.2
77	31.9	25.8	38.8





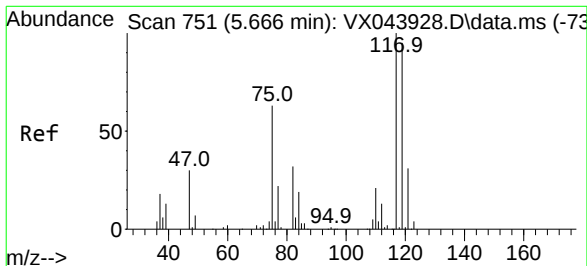
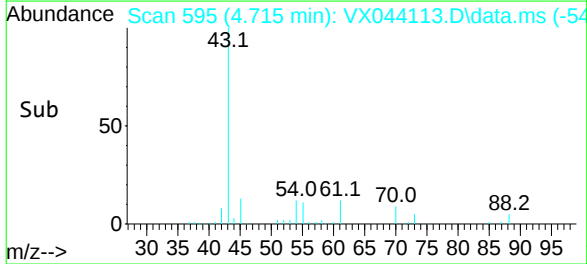
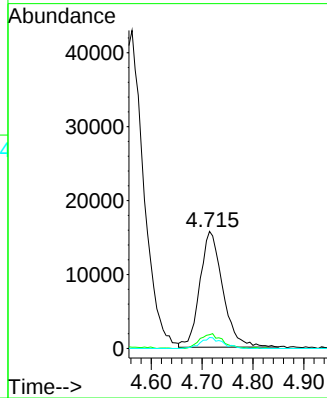
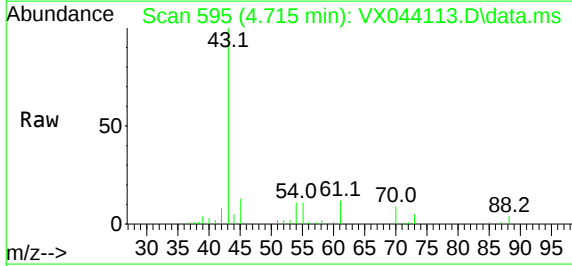
#37
Ethyl Acetate
Concen: 21.413 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion:	43	Resp:	48962
Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.7	16.1
70	9.0	8.0	12.0

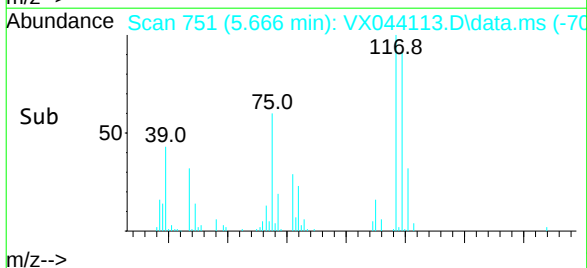
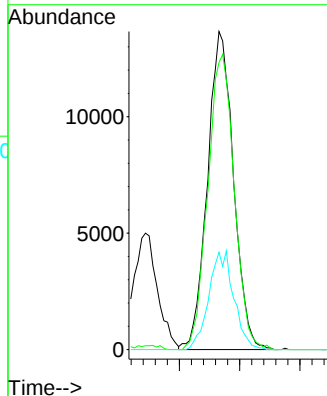
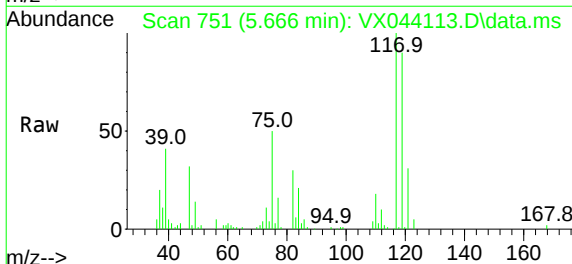
Manual Integrations
APPROVED

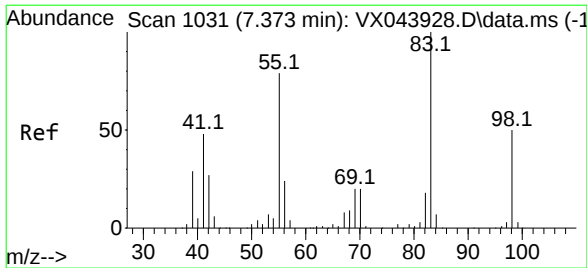
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#38
Carbon Tetrachloride
Concen: 19.793 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Tgt Ion:	117	Resp:	40966
Ion	Ratio	Lower	Upper
117	100		
119	90.2	75.2	112.8
121	30.6	24.5	36.7





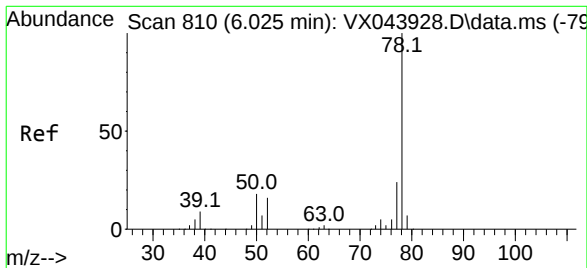
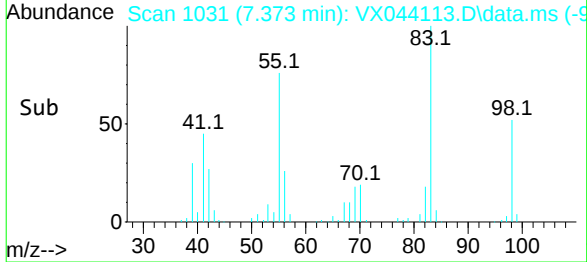
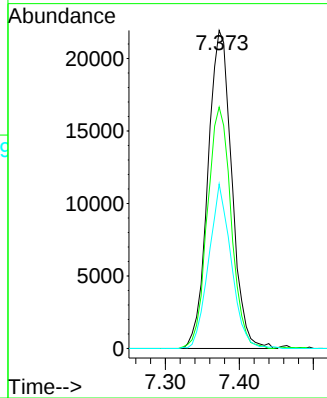
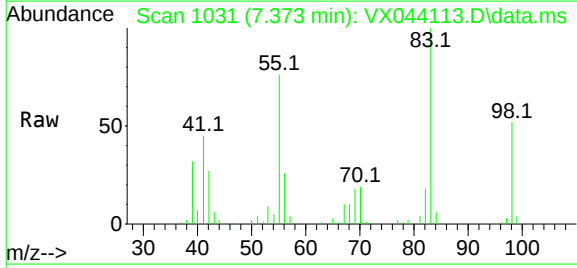
#39
Methylcyclohexane
Concen: 20.534 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.9	63.1	94.7
98	51.7	40.0	60.0

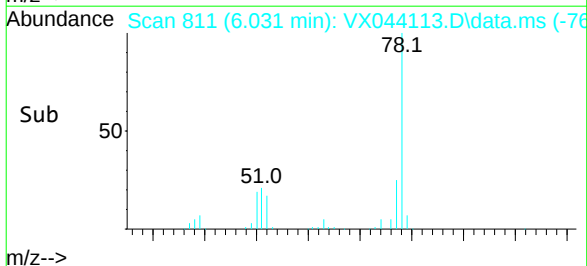
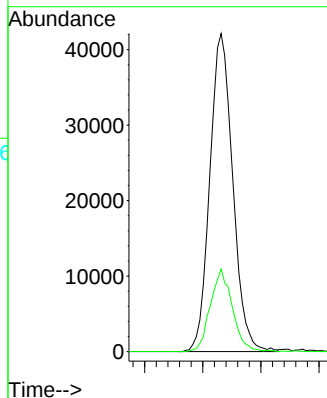
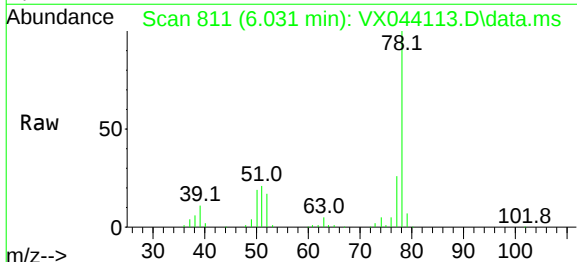
Manual Integrations
APPROVED

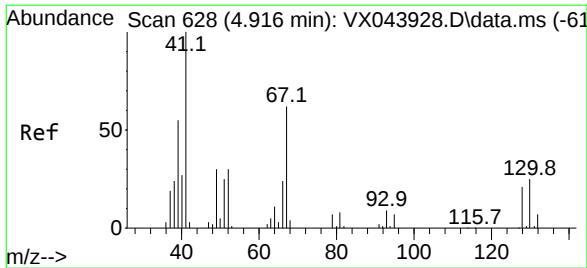
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#40
Benzene
Concen: 20.131 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.9	19.2	28.8





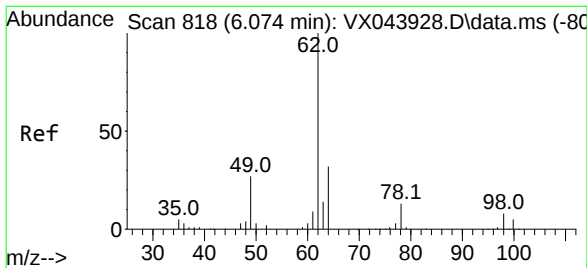
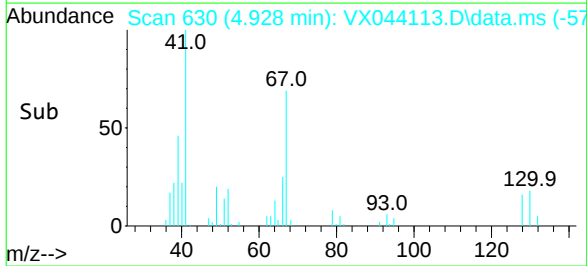
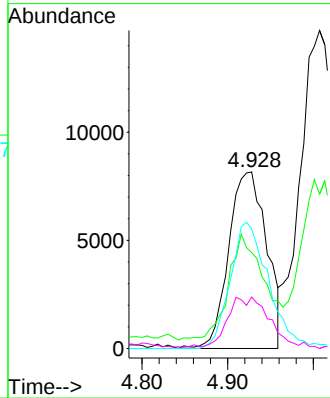
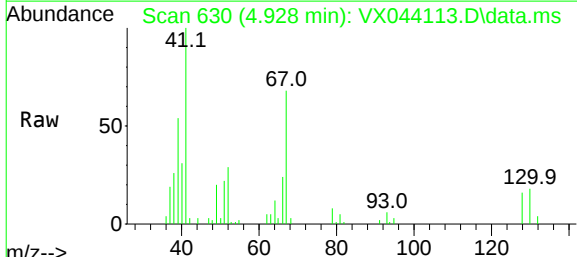
#41
Methacrylonitrile
Concen: 21.454 ug/l
RT: 4.928 min Scan# 63
Delta R.T. 0.012 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion:	41	Resp:	25107
Ion	Ratio	Lower	Upper
41	100		
39	57.4	41.7	62.5
67	73.5	55.8	83.8
52	14.5	24.0	36.0

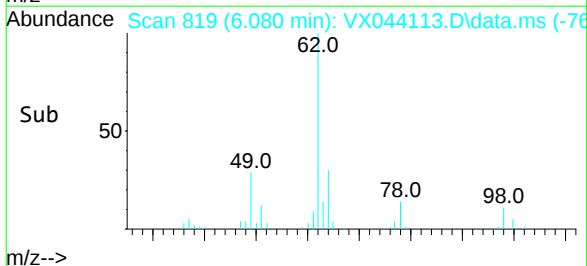
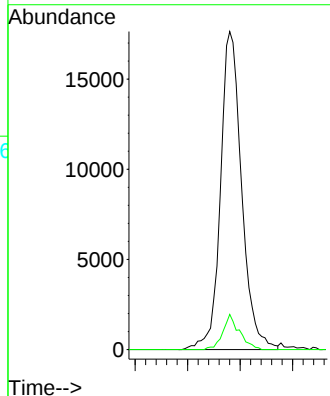
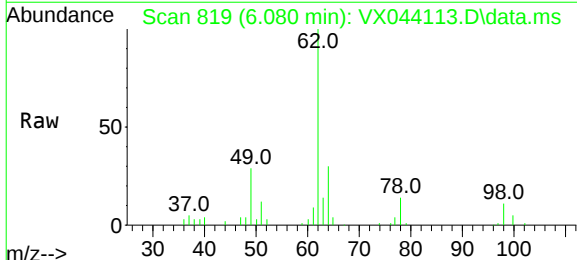
Manual Integrations
APPROVED

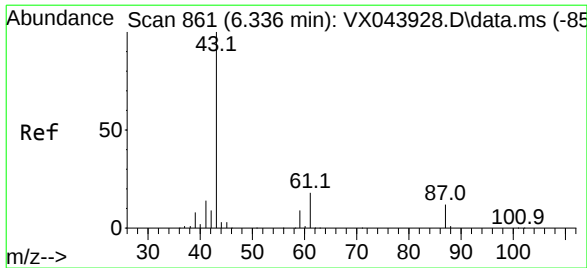
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#42
1,2-Dichloroethane
Concen: 21.408 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.006 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Tgt Ion:	62	Resp:	49334
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.4





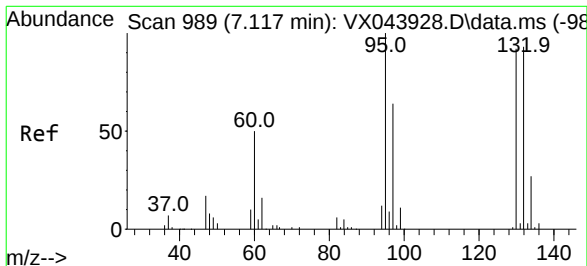
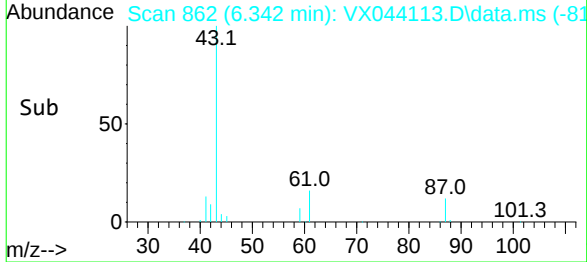
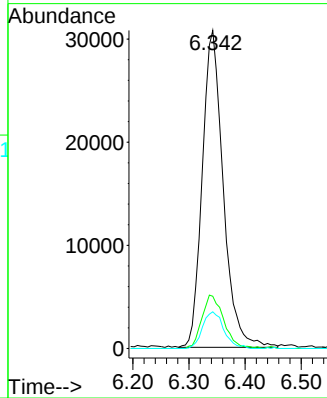
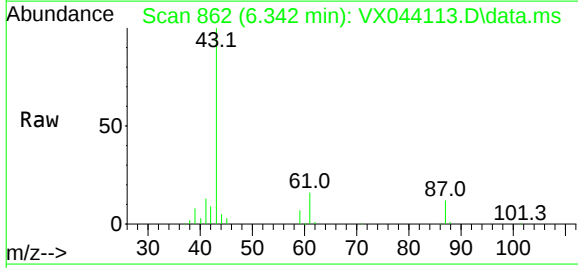
#43
Isopropyl Acetate
Concen: 21.965 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion:	43	Resp:	79930
Ion	Ratio	Lower	Upper
43	100		
61	17.5	14.5	21.7
87	11.7	10.2	15.2

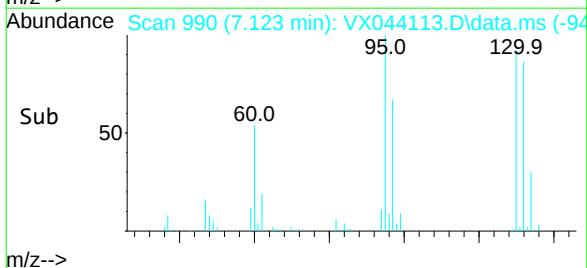
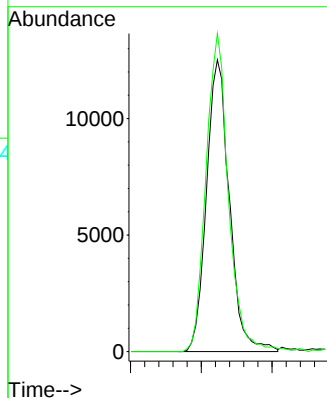
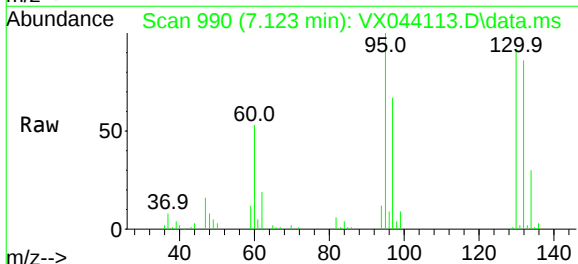
Manual Integrations
APPROVED

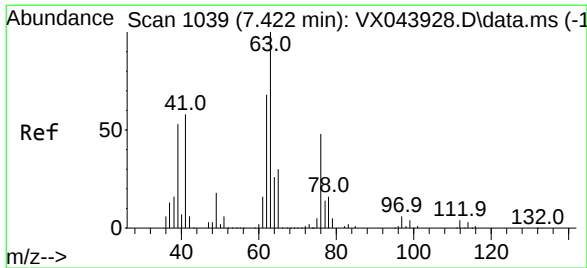
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#44
Trichloroethene
Concen: 17.341 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Tgt Ion:	130	Resp:	28166
Ion	Ratio	Lower	Upper
130	100		
95	109.0	0.0	217.8





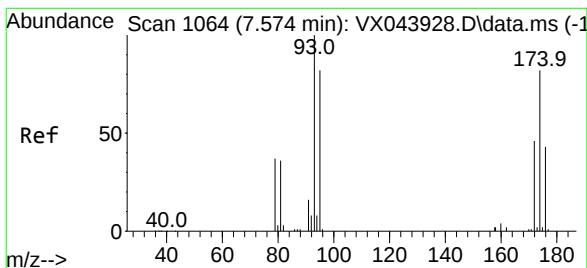
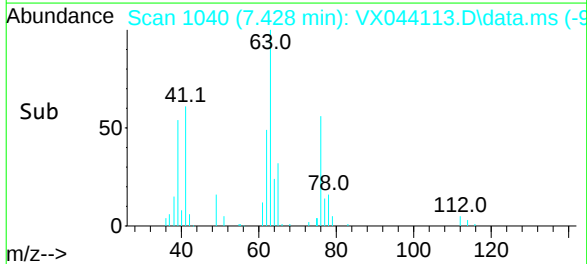
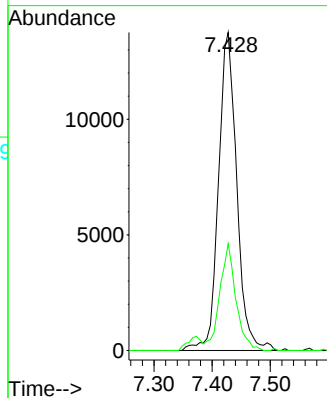
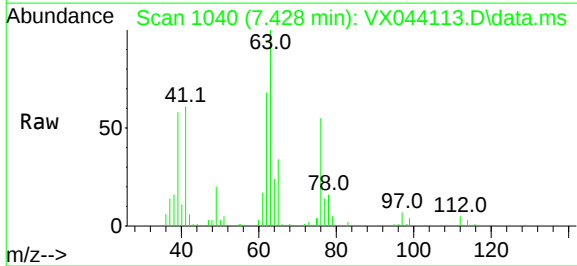
#45
1,2-Dichloropropane
Concen: 21.386 ug/l
RT: 7.428 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion: 63 Resp: 30054
Ion Ratio Lower Upper
63 100
65 33.6 23.8 35.6

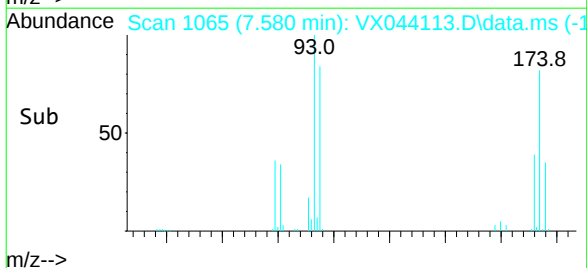
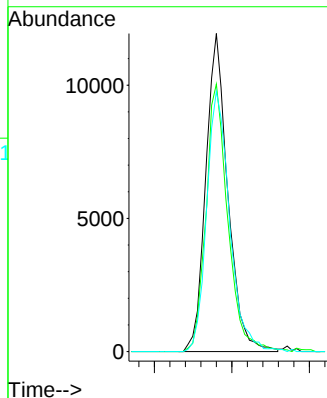
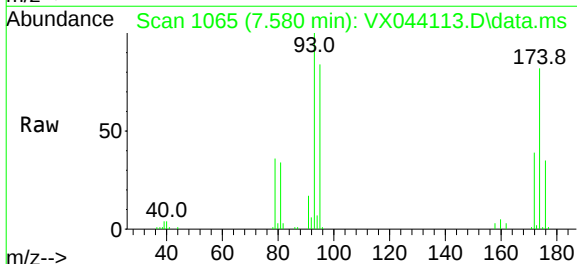
Manual Integrations
APPROVED

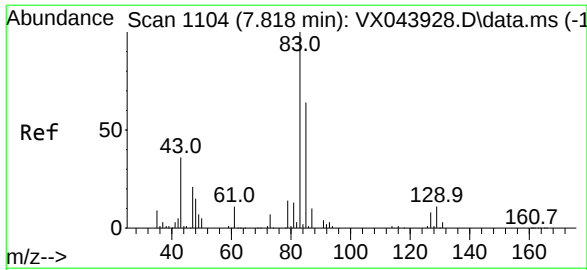
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#46
Dibromomethane
Concen: 21.208 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Tgt Ion: 93 Resp: 23576
Ion Ratio Lower Upper
93 100
95 83.6 66.2 99.4
174 85.5 69.6 104.4





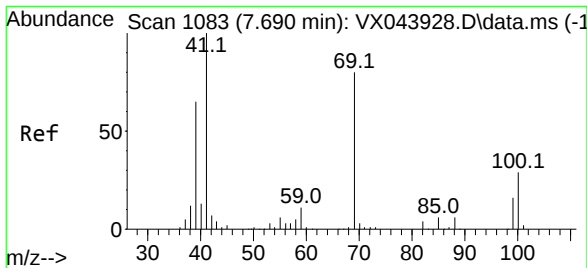
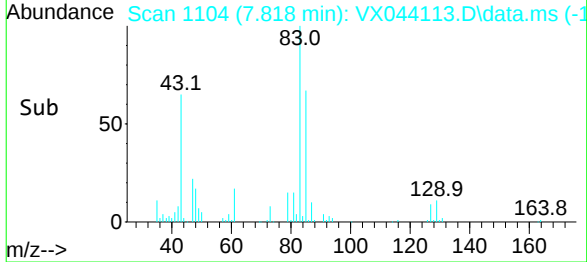
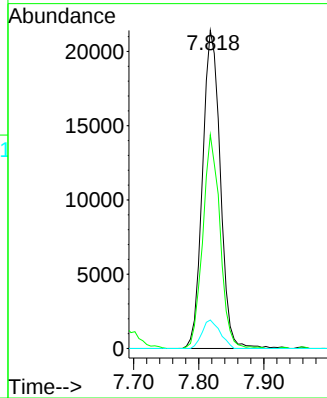
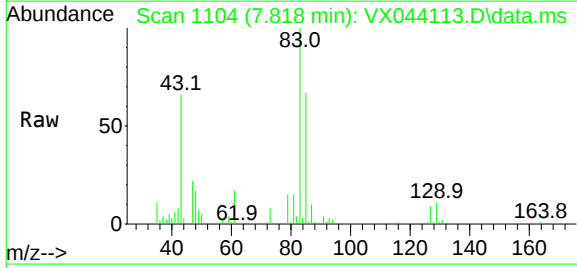
#47
Bromodichloromethane
Concen: 20.384 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion: 83 Resp: 40640
Ion Ratio Lower Upper
83 100
85 67.2 51.4 77.0
127 9.0 6.6 10.0

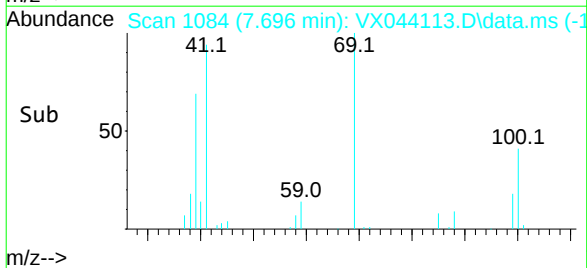
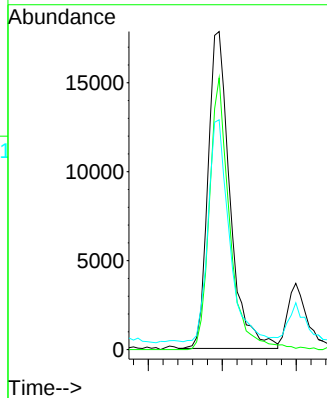
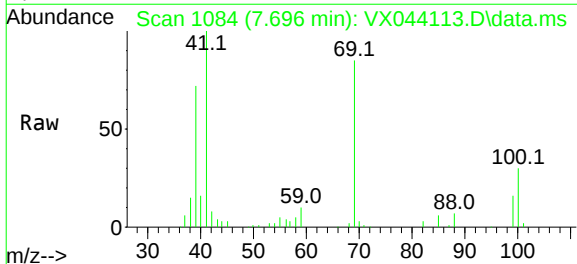
Manual Integrations
APPROVED

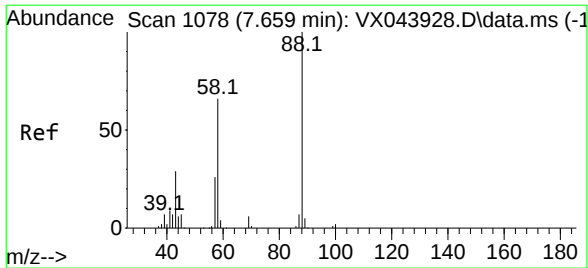
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#48
Methyl methacrylate
Concen: 21.013 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

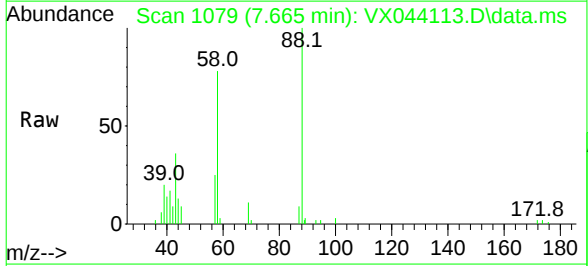
Tgt Ion: 41 Resp: 36691
Ion Ratio Lower Upper
41 100
69 79.0 64.6 97.0
39 67.9 53.3 79.9





#49
1,4-Dioxane
Concen: 324.275 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

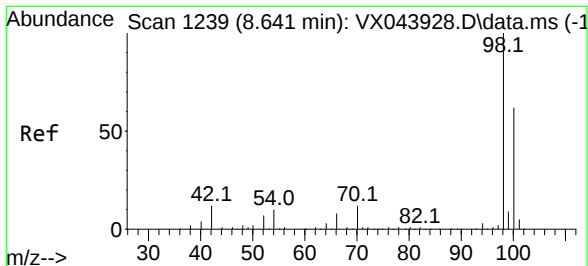
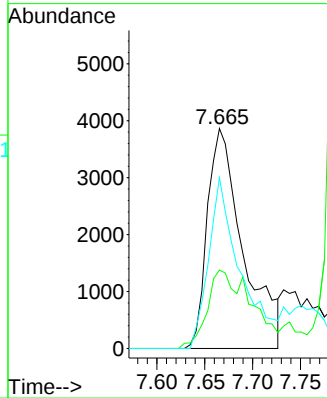
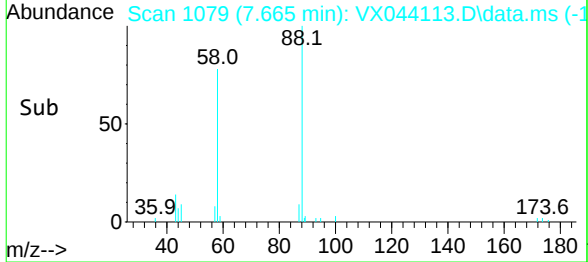
Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01



Tgt Ion: 88 Resp: 10086
Ion Ratio Lower Upper
88 100
43 43.7 26.8 40.2#
58 69.1 45.4 68.2#

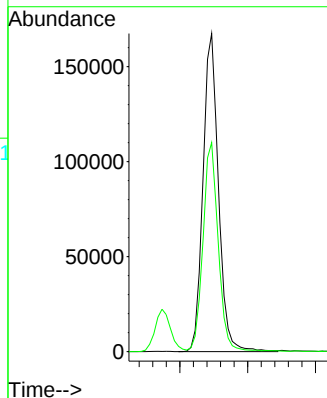
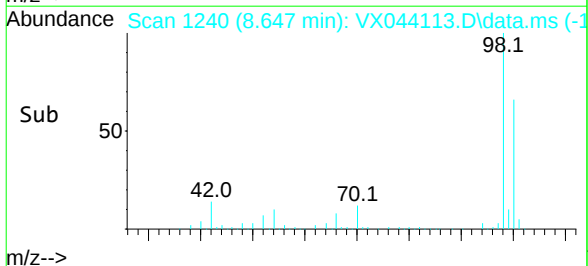
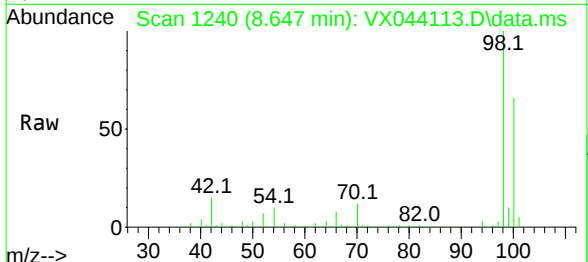
Manual Integrations
APPROVED

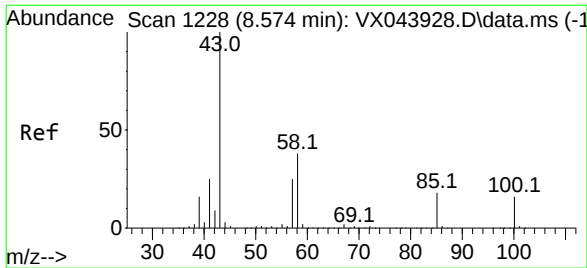
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#50
Toluene-d8
Concen: 51.925 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Tgt Ion: 98 Resp: 264584
Ion Ratio Lower Upper
98 100
100 64.7 52.6 79.0





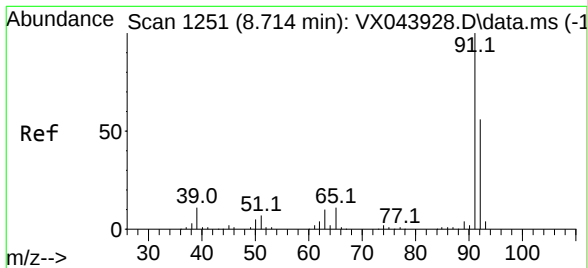
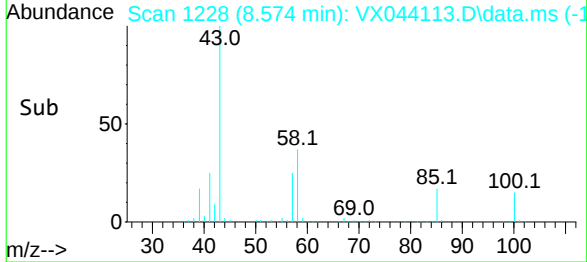
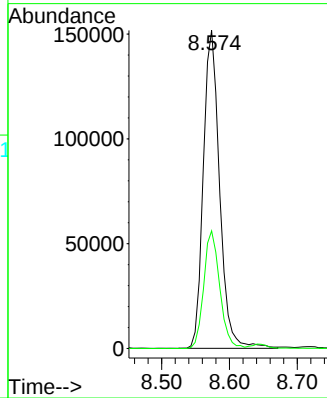
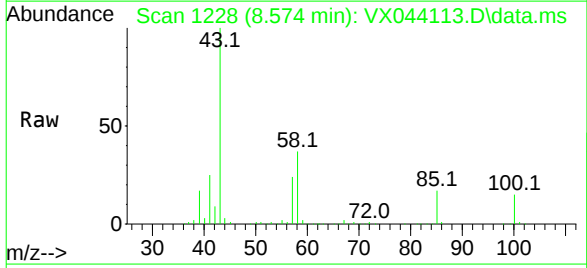
#51
4-Methyl-2-Pentanone
Concen: 113.855 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion: 43 Resp: 252833
Ion Ratio Lower Upper
43 100
58 36.3 30.0 45.0

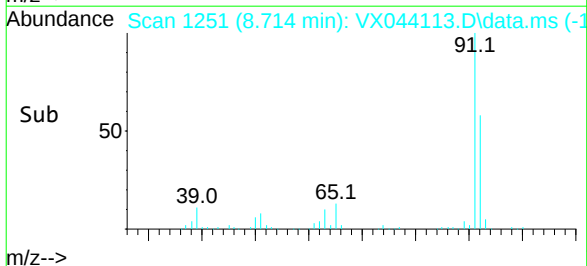
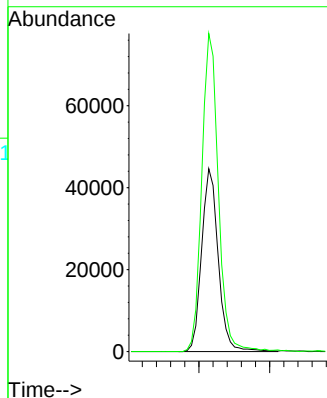
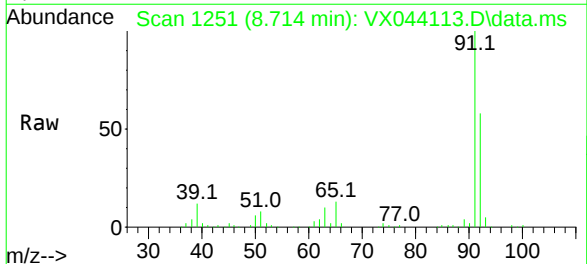
Manual Integrations
APPROVED

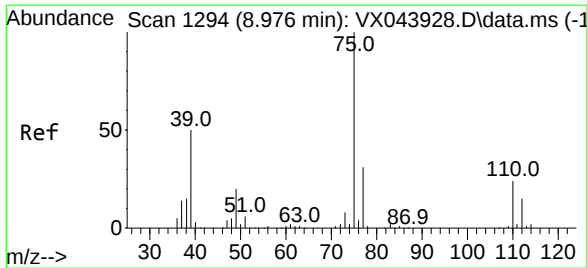
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#52
Toluene
Concen: 21.218 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Tgt Ion: 92 Resp: 72868
Ion Ratio Lower Upper
92 100
91 173.7 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 20.547 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tgt Ion: 75 Resp: 41774

Ion Ratio Lower Upper

75 100

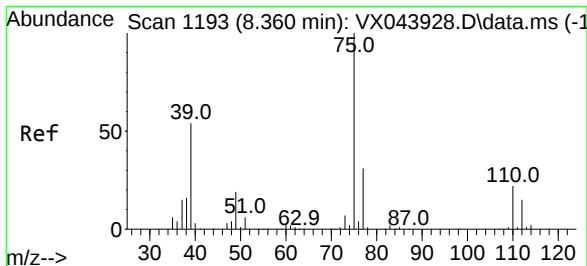
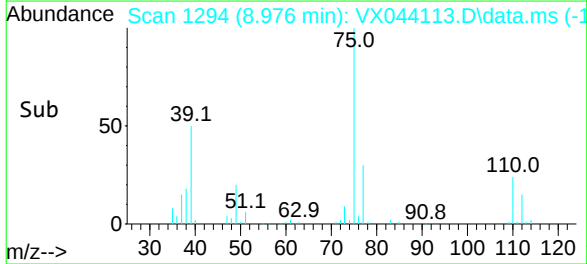
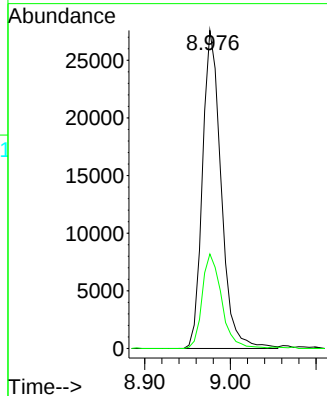
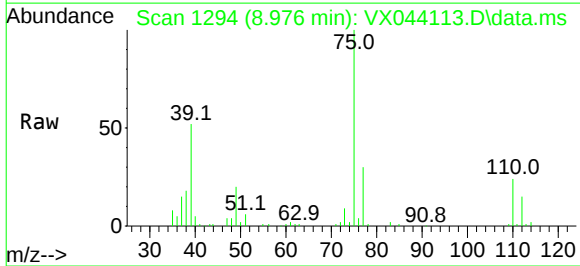
77 29.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#54

cis-1,3-Dichloropropene

Concen: 20.401 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

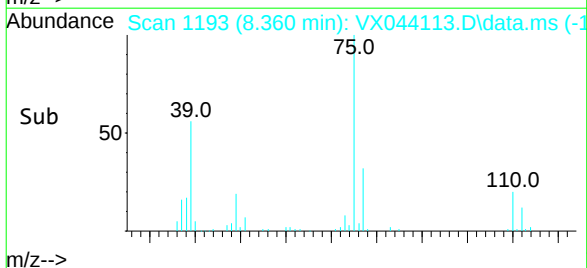
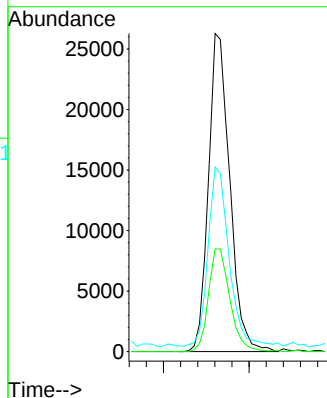
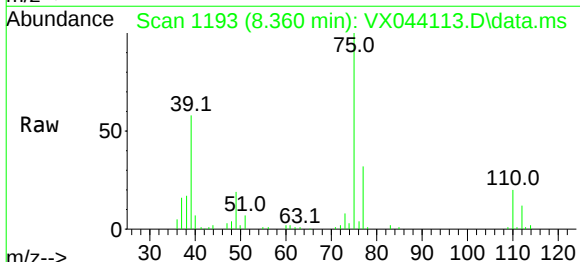
Tgt Ion: 75 Resp: 45471

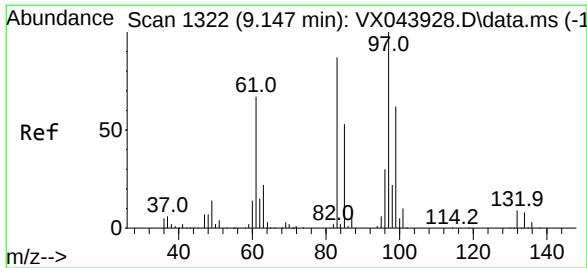
Ion Ratio Lower Upper

75 100

77 32.3 25.2 37.8

39 56.3 43.1 64.7





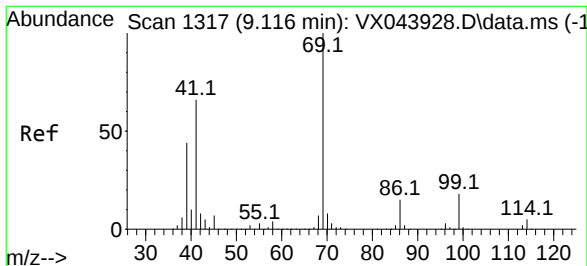
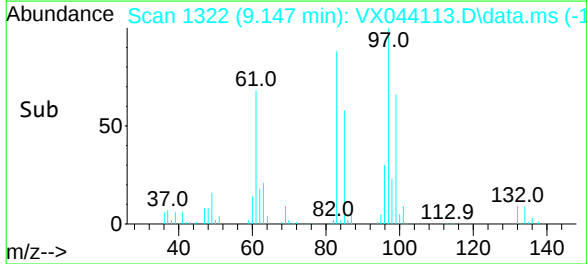
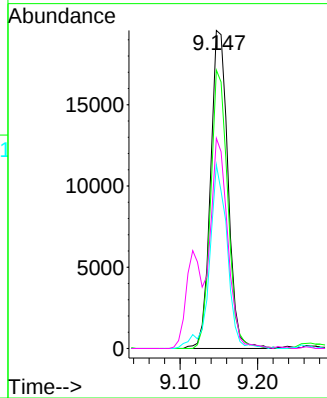
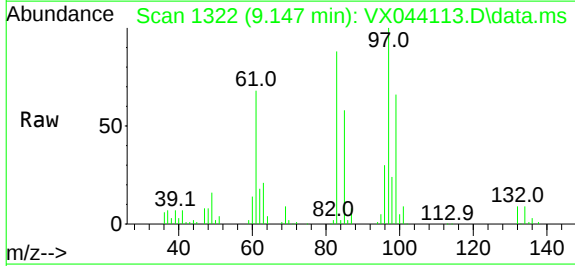
#55
1,1,2-Trichloroethane
Concen: 21.622 ug/l
RT: 9.147 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion:	97	Resp:	30652
Ion	Ratio	Lower	Upper
97	100		
83	87.5	69.4	104.0
85	57.7	42.3	63.5
99	65.4	49.6	74.4

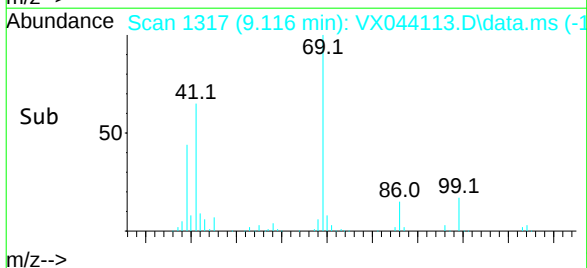
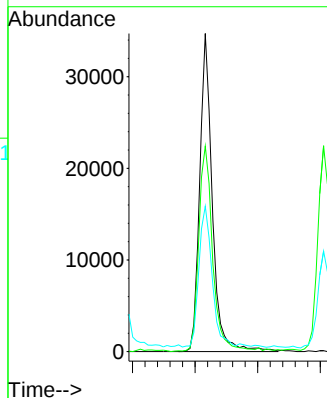
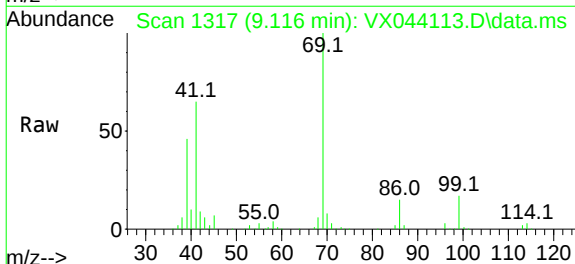
Manual Integrations
APPROVED

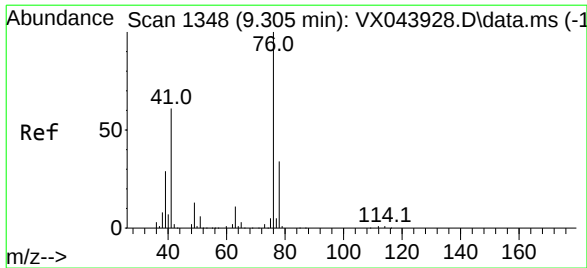
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#56
Ethyl methacrylate
Concen: 21.980 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

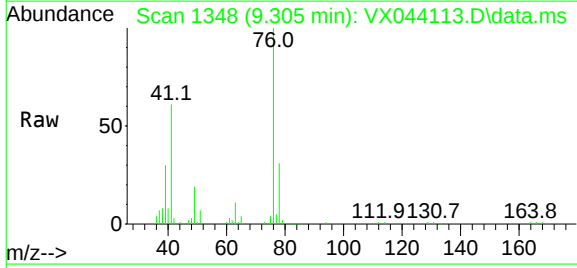
Tgt Ion:	69	Resp:	48535
Ion	Ratio	Lower	Upper
69	100		
41	71.5	55.8	83.8
39	46.2	36.7	55.1





#57
1,3-Dichloropropane
Concen: 21.966 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

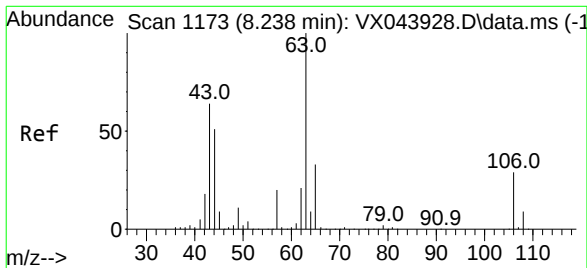
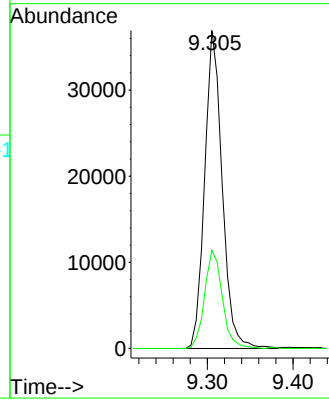
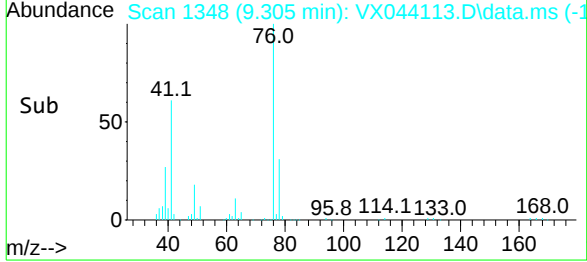
Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01



Tgt Ion: 76 Resp: 52456
Ion Ratio Lower Upper
76 100
78 31.3 26.0 39.0

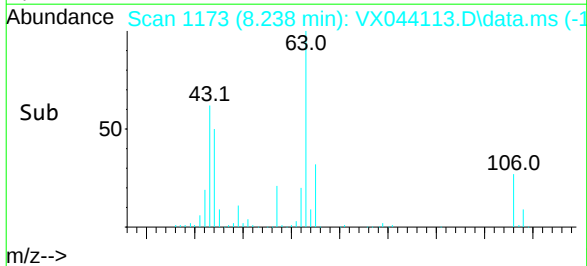
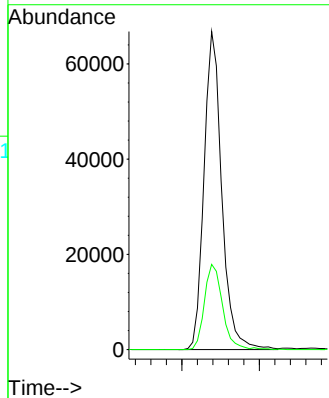
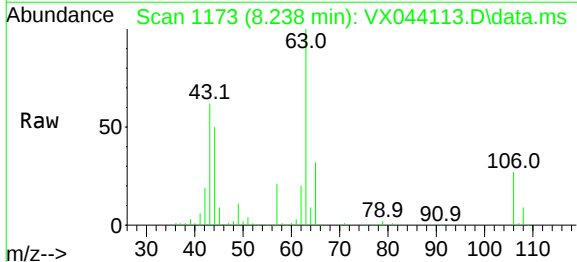
Manual Integrations
APPROVED

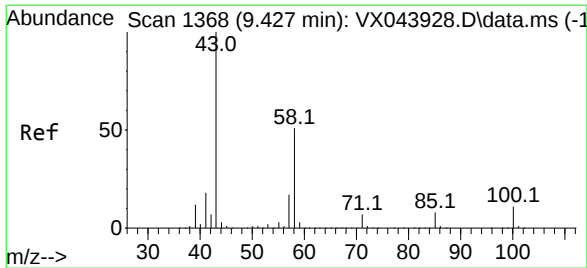
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#58
2-Chloroethyl Vinyl ether
Concen: 87.188 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Tgt Ion: 63 Resp: 106301
Ion Ratio Lower Upper
63 100
106 27.4 23.0 34.6





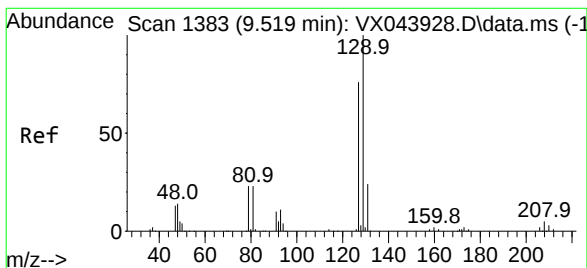
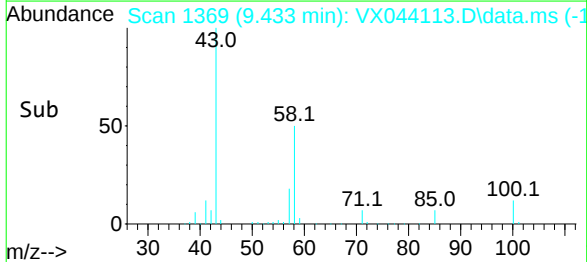
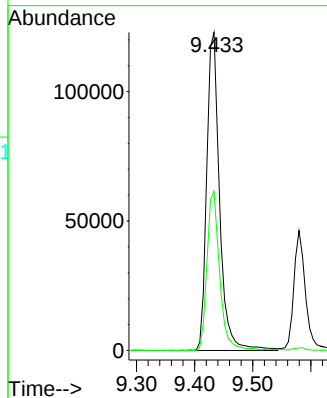
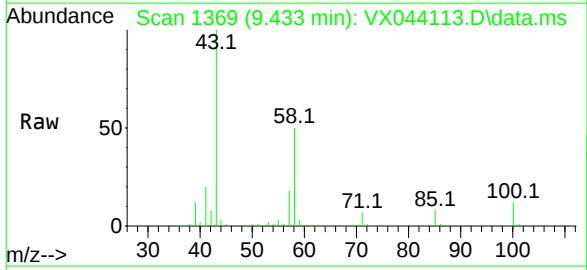
#59
2-Hexanone
Concen: 113.228 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion: 43 Resp: 188989
Ion Ratio Lower Upper
43 100
58 49.3 25.9 77.6

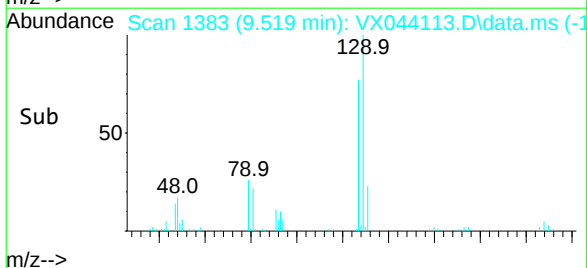
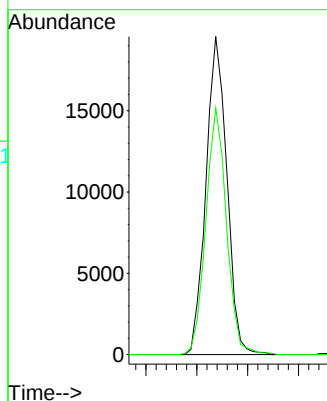
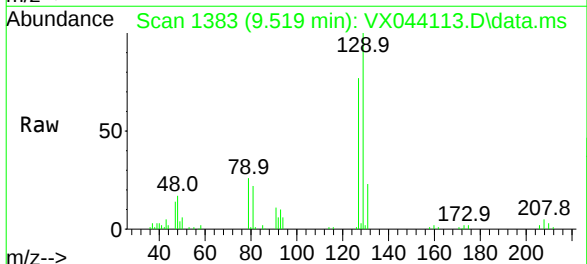
Manual Integrations
APPROVED

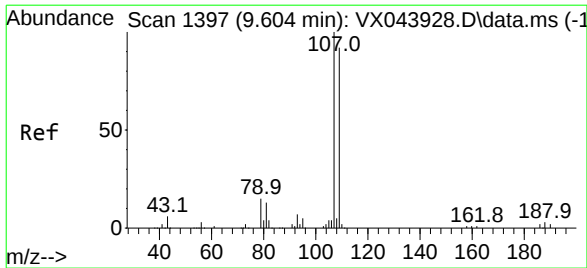
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#60
Dibromochloromethane
Concen: 19.643 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

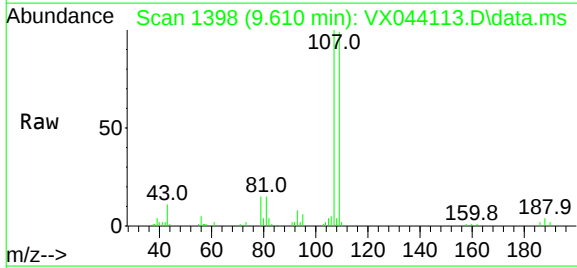
Tgt Ion:129 Resp: 27939
Ion Ratio Lower Upper
129 100
127 76.6 38.2 114.6





#61
1,2-Dibromoethane
Concen: 21.904 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

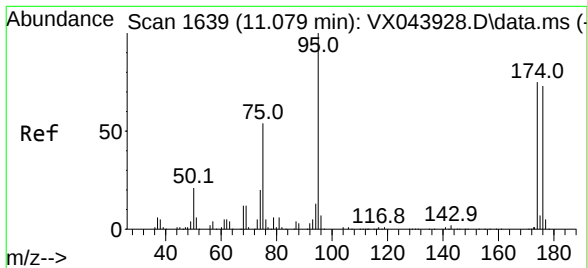
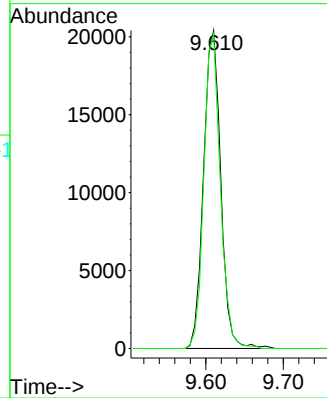
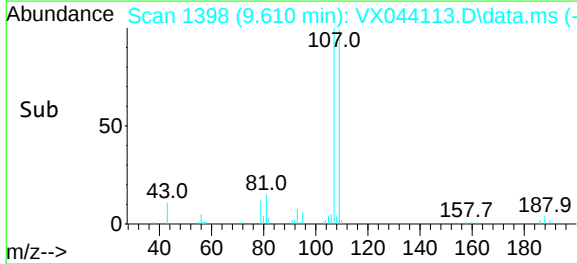
Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01



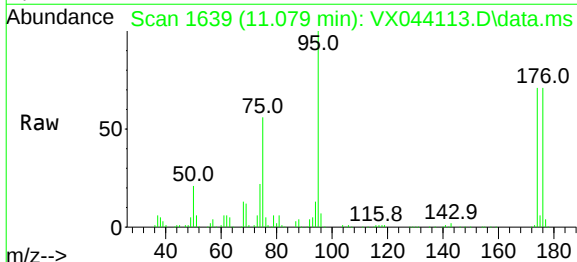
Tgt Ion: 107 Resp: 31398
Ion Ratio Lower Upper
107 100
109 94.8 75.2 112.8

Manual Integrations
APPROVED

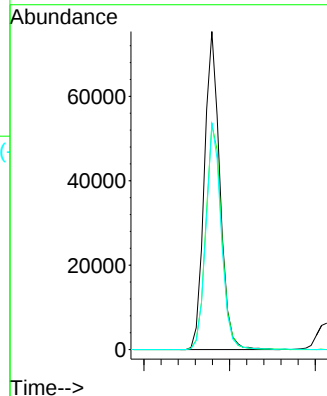
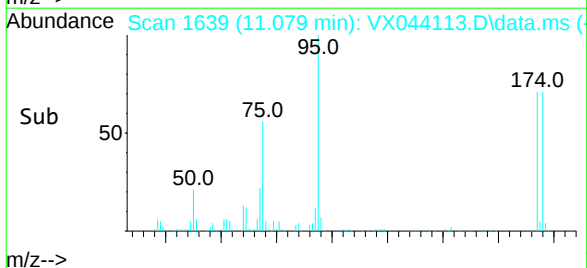
Reviewed By : John Carlone 12/05/2024
Supervised By : Mahesh Dadoda 12/05/2024

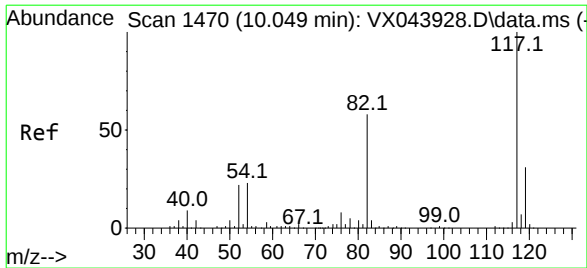


#62
4-Bromofluorobenzene
Concen: 54.689 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47



Tgt Ion: 95 Resp: 94839
Ion Ratio Lower Upper
95 100
174 72.2 0.0 150.4
176 69.9 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

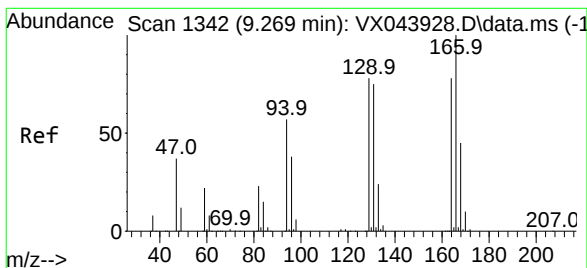
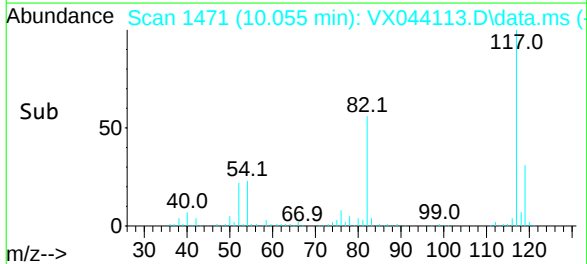
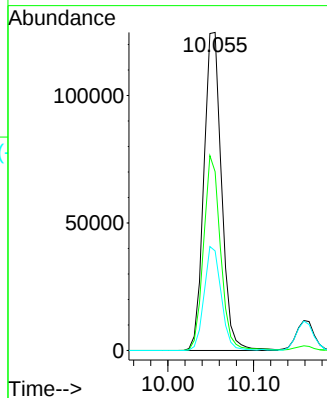
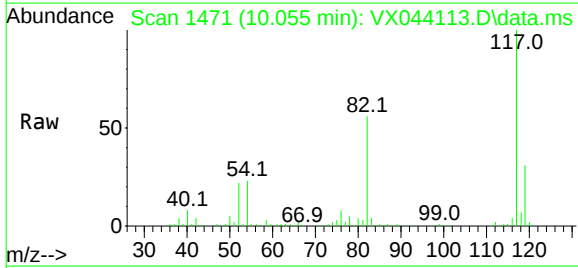
Tgt Ion:	117	Resp:	178913
Ion	Ratio	Lower	Upper
117	100		
82	56.2	46.4	69.6
119	31.3	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#64

Tetrachloroethene

Concen: 20.257 ug/l

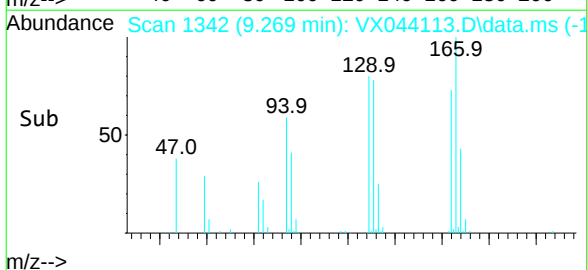
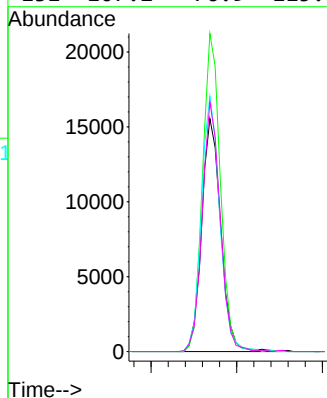
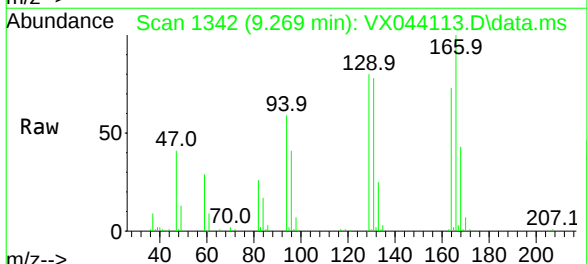
RT: 9.269 min Scan# 1342

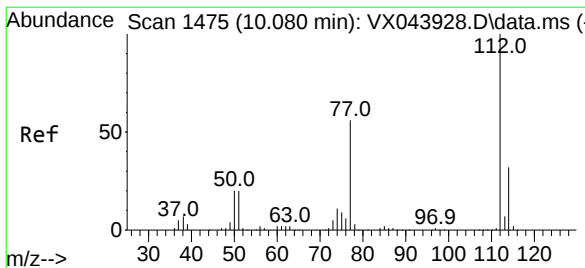
Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Tgt Ion:	164	Resp:	23898
Ion	Ratio	Lower	Upper
164	100		
166	136.5	102.1	153.1
129	109.6	79.6	119.4
131	107.2	76.9	115.3





#65

Chlorobenzene

Concen: 20.410 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tgt Ion:112 Resp: 80200

Ion Ratio Lower Upper

112 100

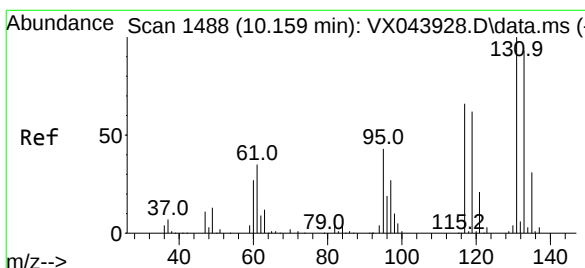
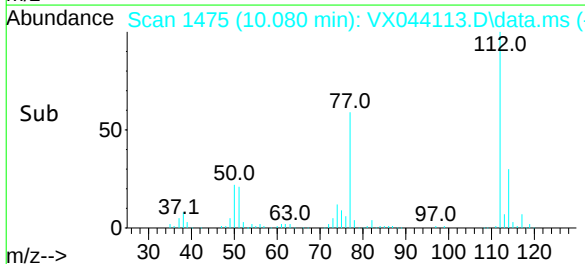
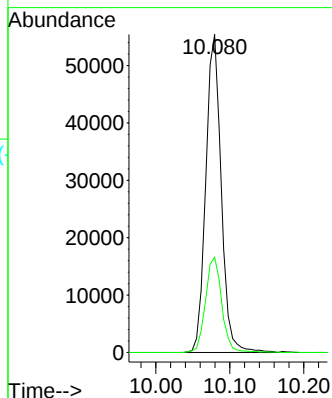
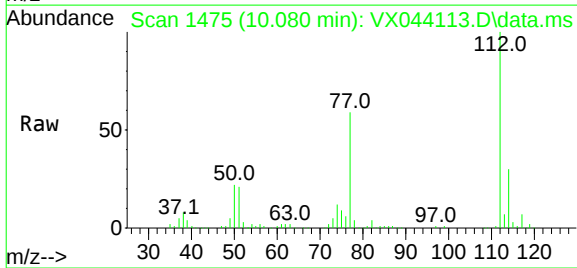
114 30.0 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 20.671 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

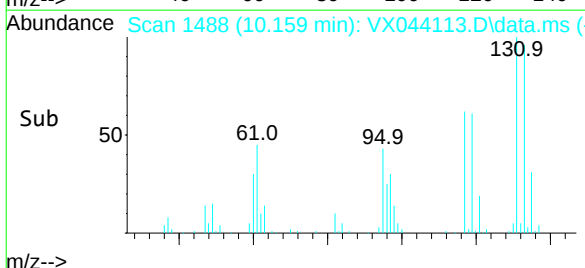
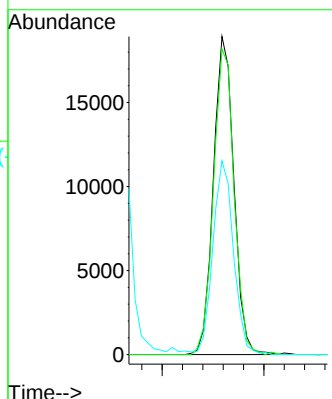
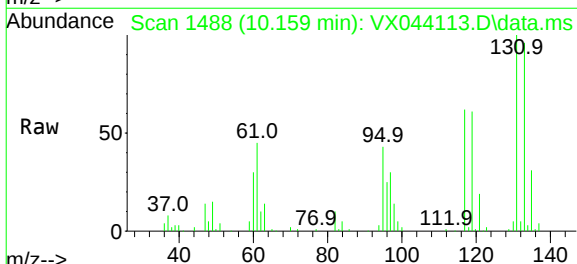
Tgt Ion:131 Resp: 26343

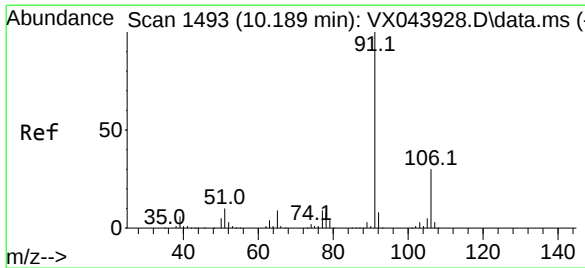
Ion Ratio Lower Upper

131 100

133 97.1 48.2 144.6

119 61.6 31.5 94.5





#67

Ethyl Benzene

Concen: 21.208 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tgt Ion: 91 Resp: 141214

Ion Ratio Lower Upper

91 100

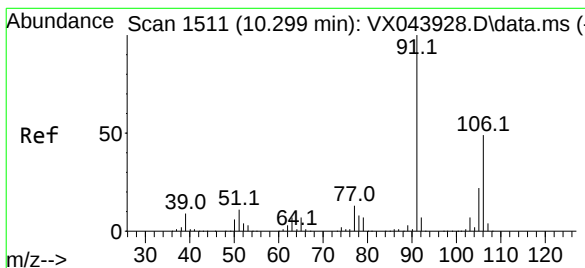
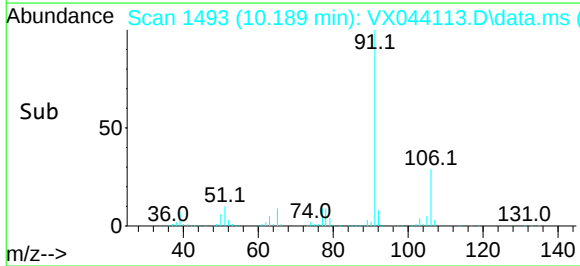
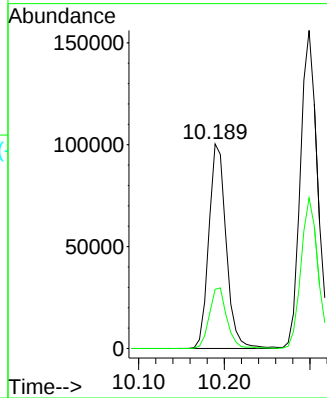
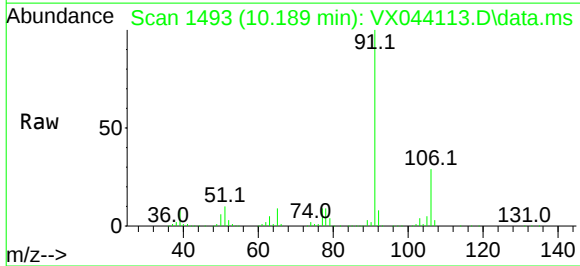
106 28.9 23.6 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#68

m/p-Xylenes

Concen: 41.972 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044113.D

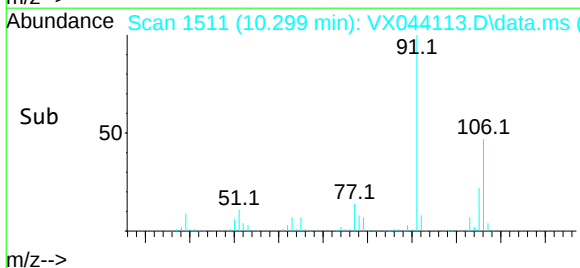
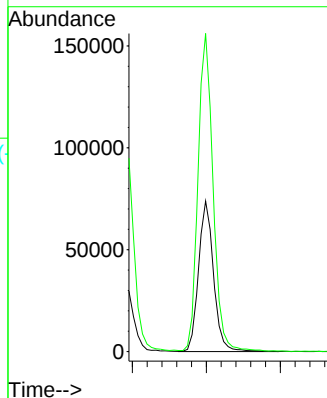
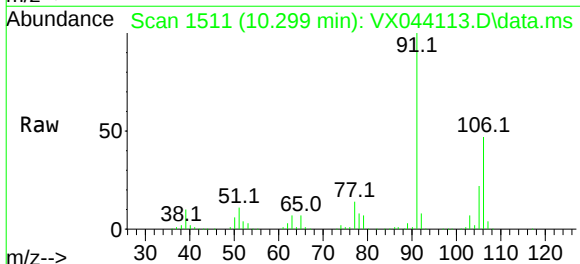
Acq: 04 Dec 2024 13:47

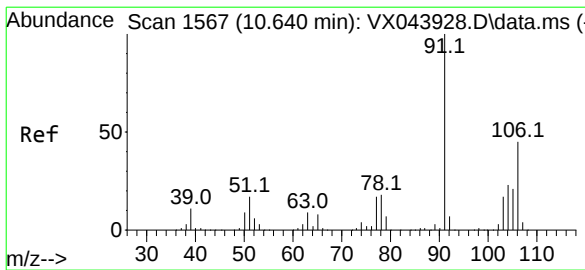
Tgt Ion:106 Resp: 104219

Ion Ratio Lower Upper

106 100

91 210.7 168.1 252.1





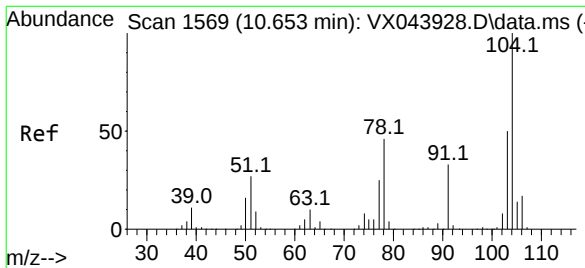
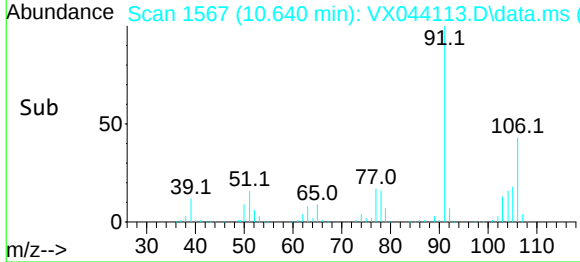
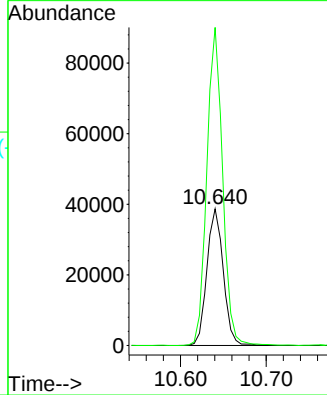
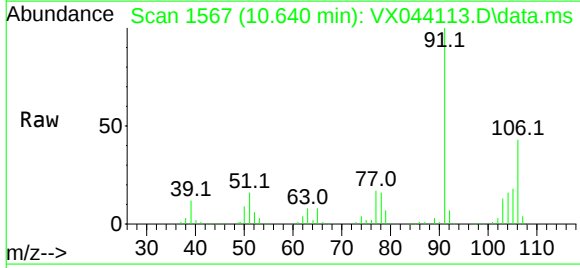
#69
o-Xylene
Concen: 21.216 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01

Tgt Ion:106 Resp: 51436
Ion Ratio Lower Upper
106 100
91 224.4 110.2 330.6

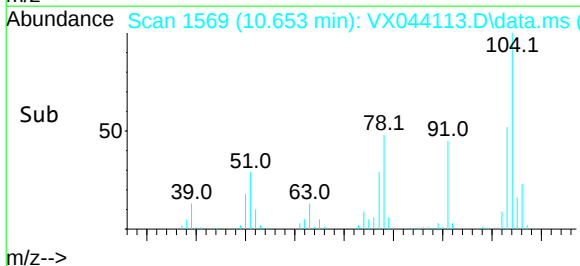
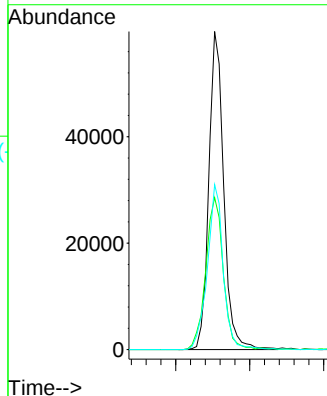
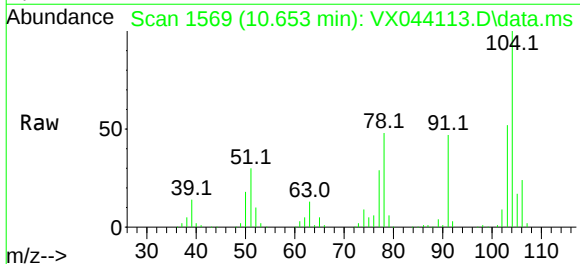
Manual Integrations
APPROVED

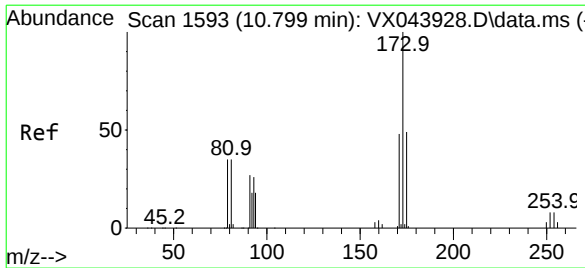
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#70
Styrene
Concen: 20.804 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Tgt Ion:104 Resp: 83419
Ion Ratio Lower Upper
104 100
78 56.7 42.2 63.2
103 55.4 44.7 67.1





#71

Bromoform

Concen: 17.880 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

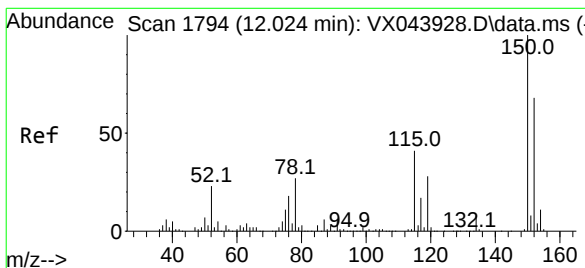
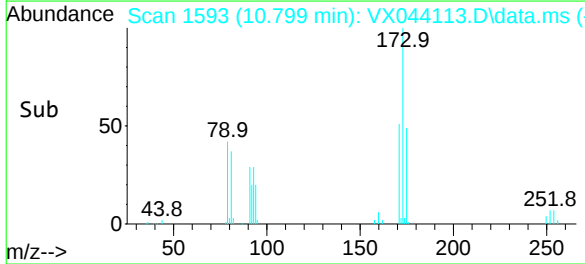
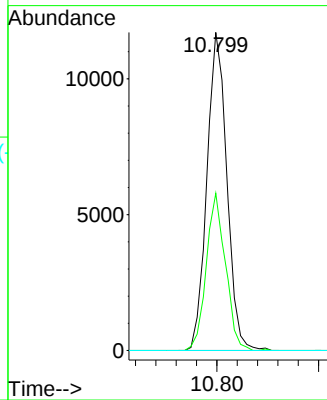
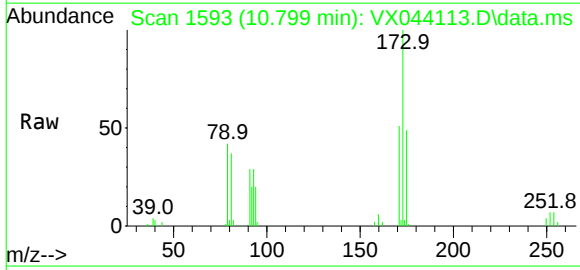
Tgt Ion:	173	Resp:	15959
Ion Ratio	Lower	Upper	
173	100		
175	47.4	24.1	72.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

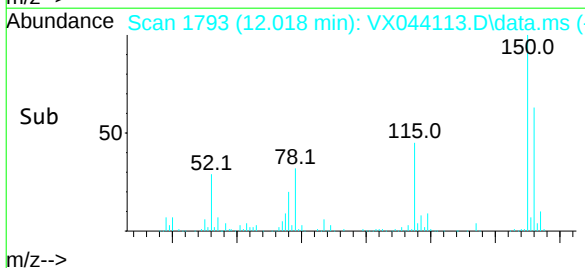
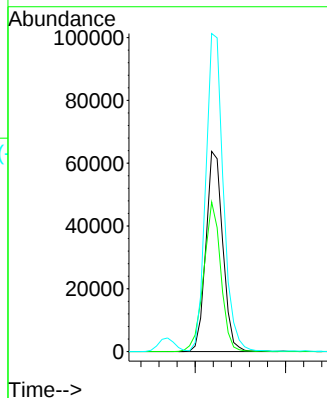
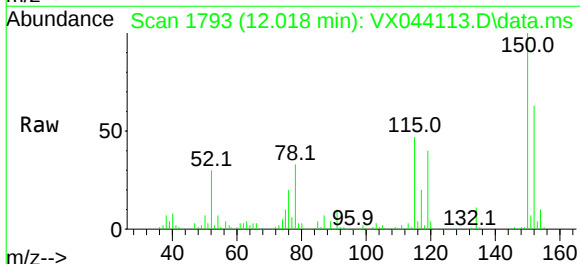
RT: 12.018 min Scan# 1793

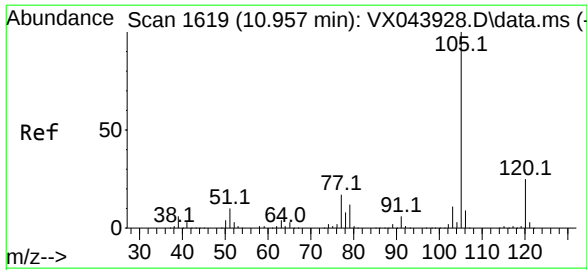
Delta R.T. -0.006 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Tgt Ion:	152	Resp:	82606
Ion Ratio	Lower	Upper	
152	100		
115	75.7	45.4	136.2
150	165.2	0.0	353.0





#73

Isopropylbenzene

Concen: 21.159 ug/l

RT: 10.964 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tgt Ion:105 Resp: 134354

Ion Ratio Lower Upper

105 100

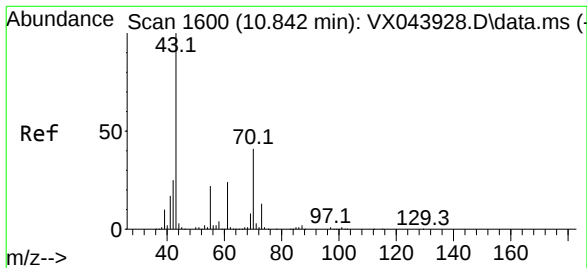
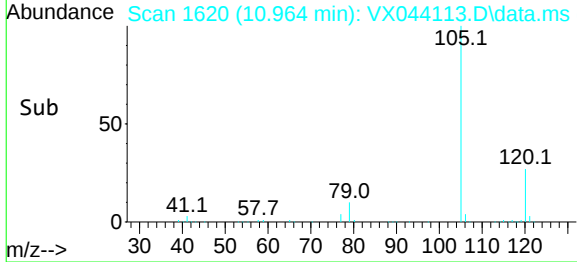
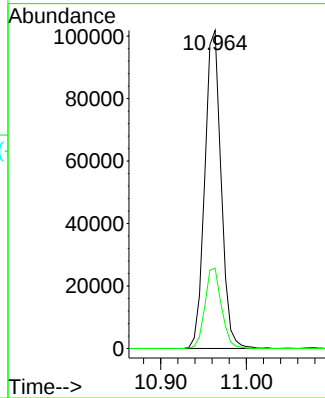
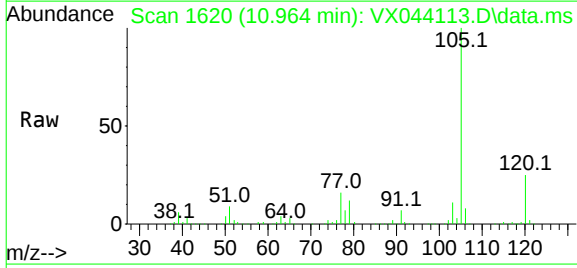
120 25.7 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#74

N-ethyl acetate

Concen: 21.895 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Tgt Ion: 43 Resp: 64407

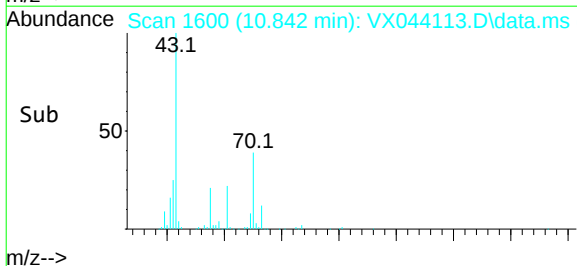
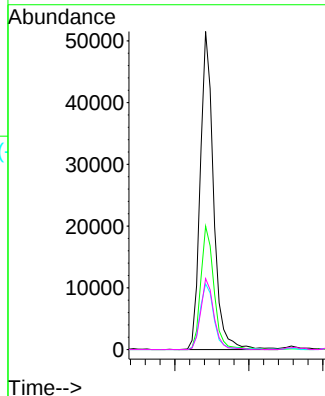
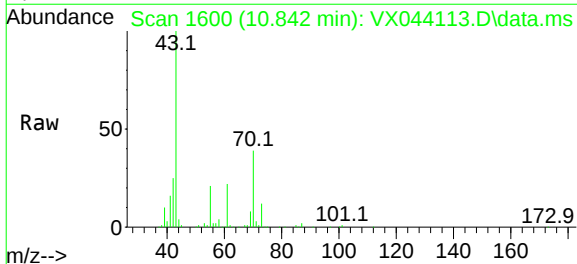
Ion Ratio Lower Upper

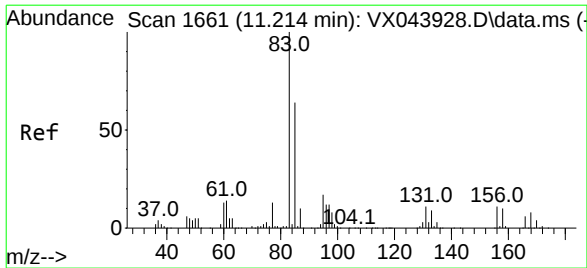
43 100

70 38.5 32.2 48.2

55 21.6 18.1 27.1

61 22.0 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.432 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

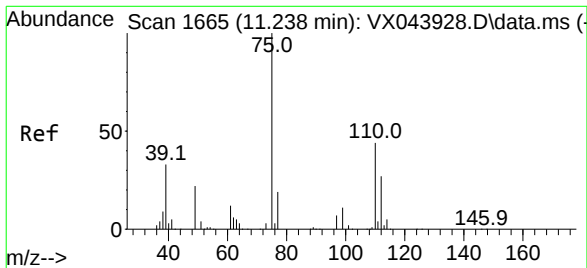
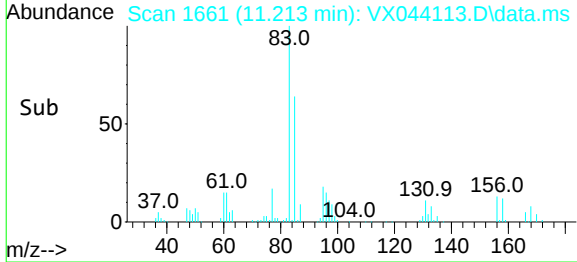
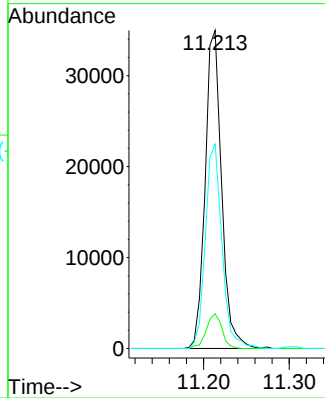
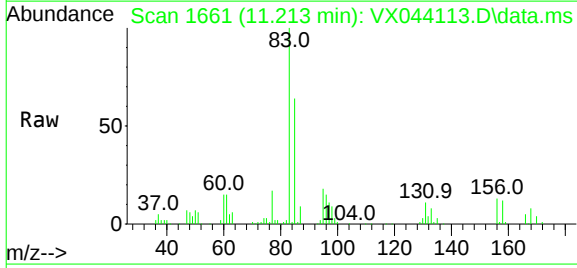
Tgt Ion:	83	Resp:	46598
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.1	15.2
85	65.0	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#76

1,2,3-Trichloropropane

Concen: 21.710 ug/l m

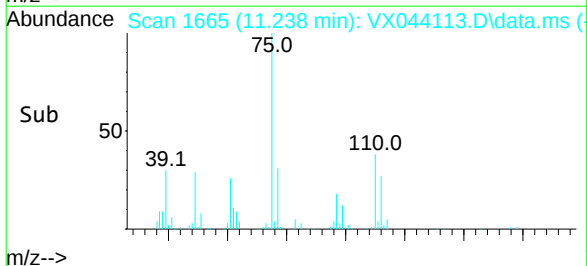
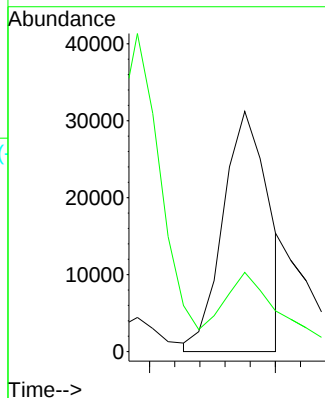
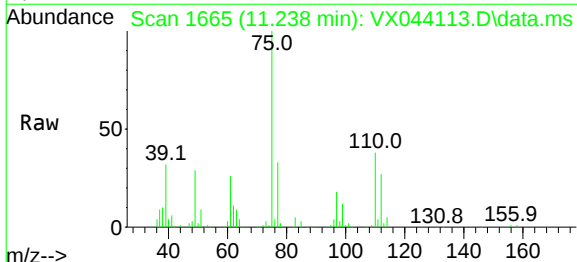
RT: 11.238 min Scan# 1665

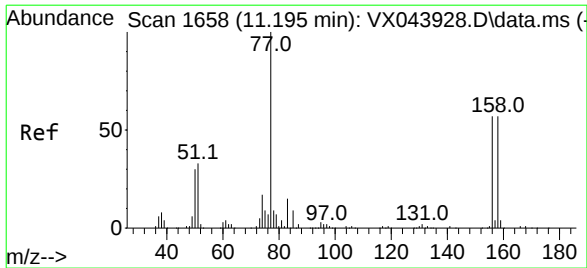
Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

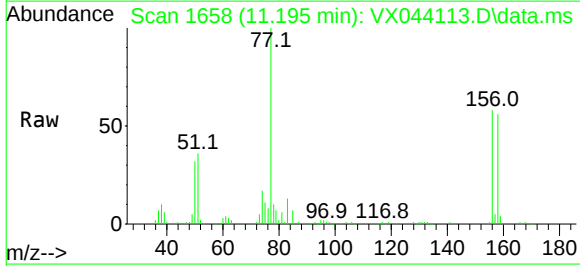
Tgt Ion:	75	Resp:	39328
Ion	Ratio	Lower	Upper
75	100		
77	42.9	21.8	65.3





#77
Bromobenzene
Concen: 20.704 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

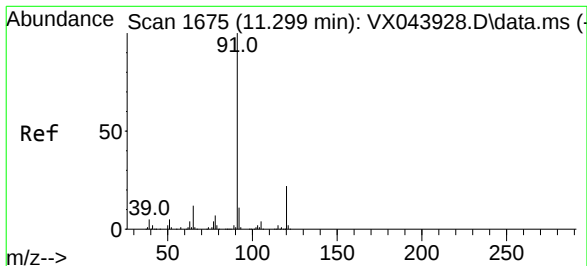
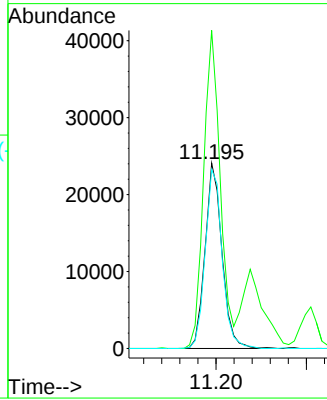
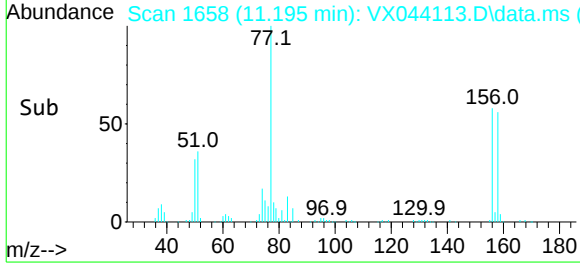
Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01



Tgt Ion: 156 Resp: 31362
Ion Ratio Lower Upper
156 100
77 167.5 83.4 250.1
158 97.0 47.6 142.8

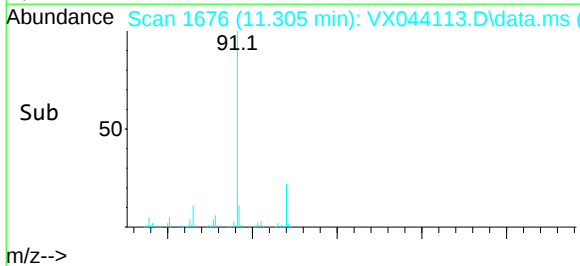
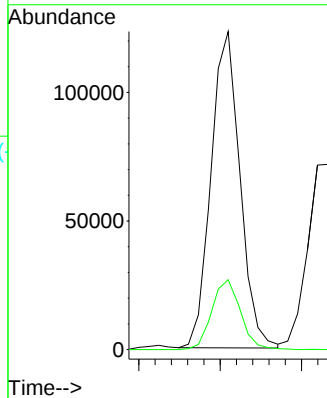
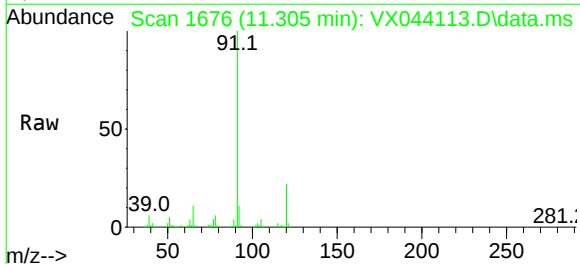
Manual Integrations
APPROVED

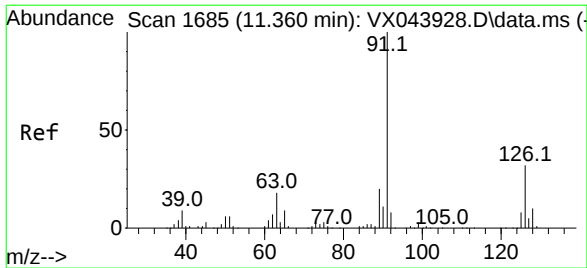
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#78
n-propylbenzene
Concen: 21.476 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Tgt Ion: 91 Resp: 152303
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.258 ug/l

RT: 11.366 min Scan# 1685

Delta R.T. 0.006 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

Tgt Ion: 91 Resp: 95329

Ion Ratio Lower Upper

91 100

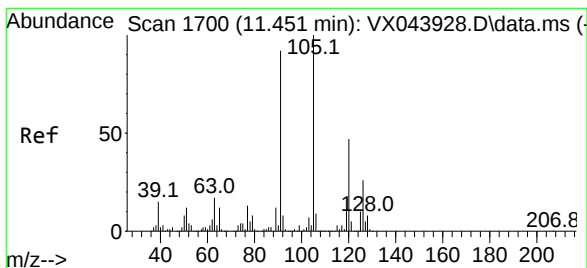
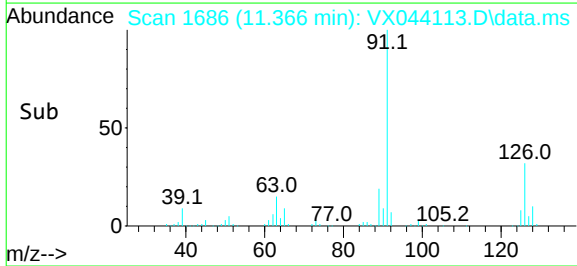
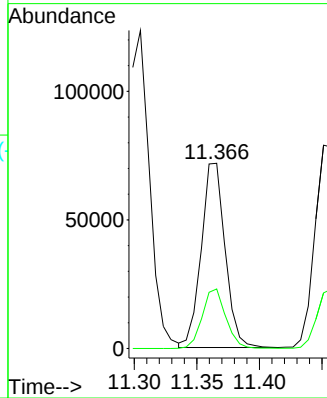
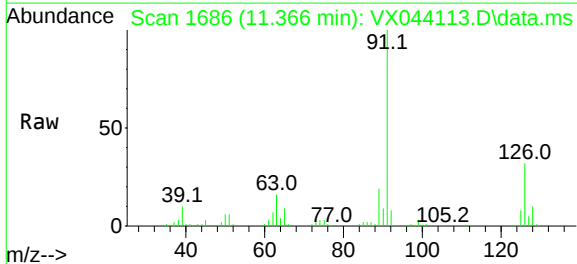
126 31.9 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#80

1,3,5-Trimethylbenzene

Concen: 21.838 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044113.D

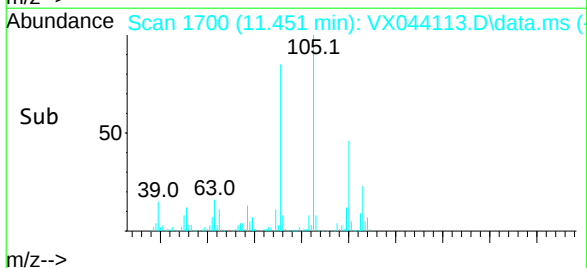
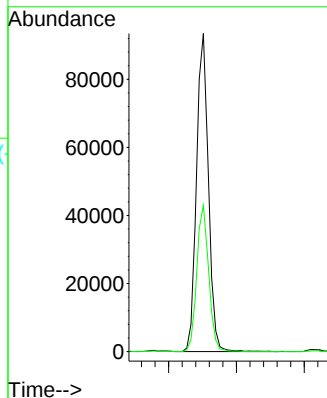
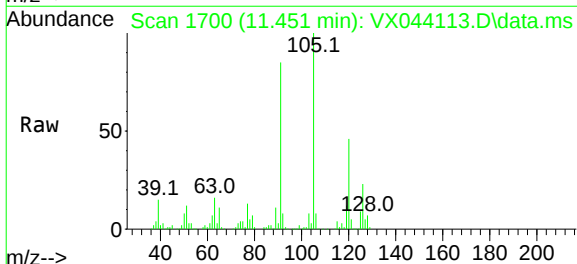
Acq: 04 Dec 2024 13:47

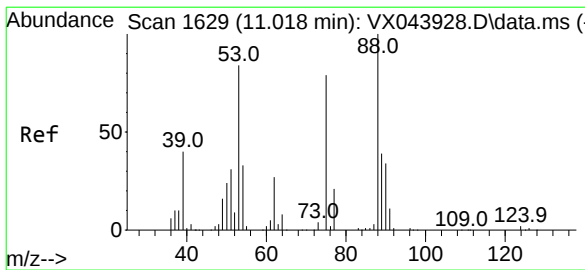
Tgt Ion:105 Resp: 114085

Ion Ratio Lower Upper

105 100

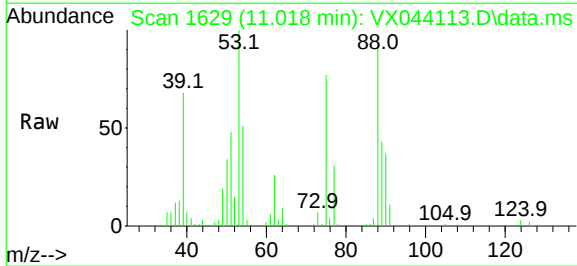
120 46.0 23.3 69.8





#81
trans-1,4-Dichloro-2-butene
Concen: 16.074 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

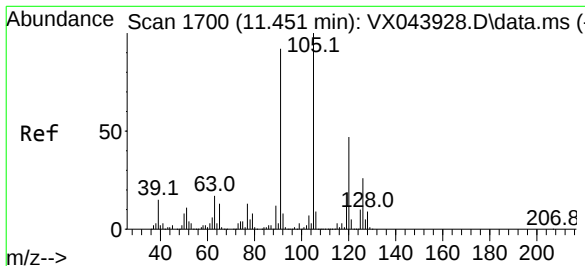
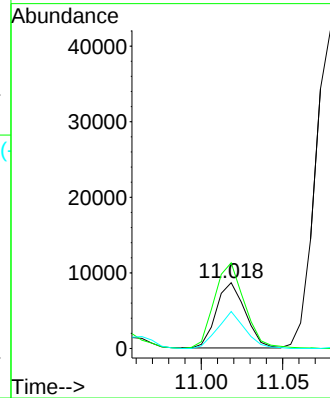
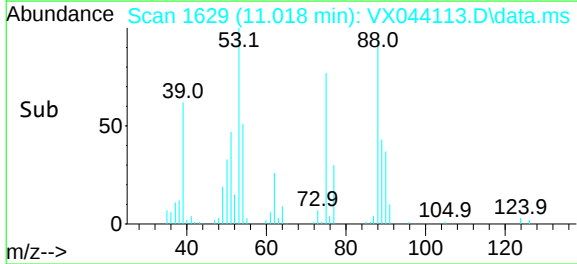
Instrument : MSVOA_X
ClientSampleId : VX1204WBSD01



Tgt Ion: 75 Resp: 10671
Ion Ratio Lower Upper
75 100
53 138.2 86.7 130.1#
89 54.4 38.2 57.2

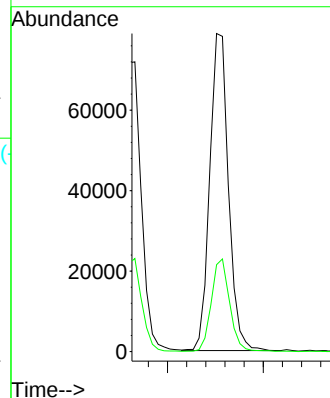
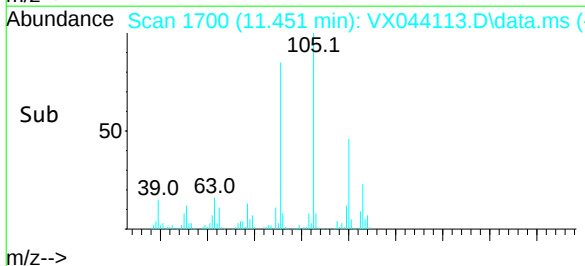
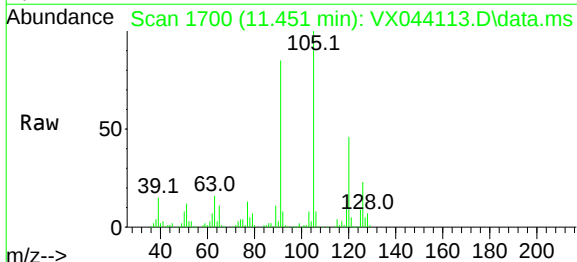
Manual Integrations
APPROVED

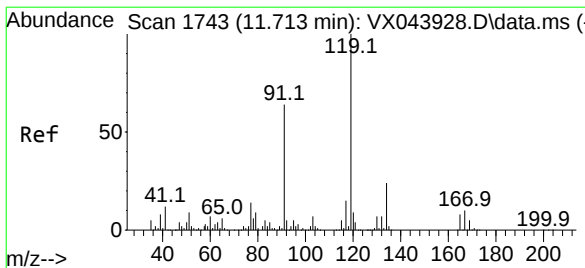
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#82
4-Chlorotoluene
Concen: 21.140 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

Tgt Ion: 91 Resp: 107030
Ion Ratio Lower Upper
91 100
126 28.8 14.3 42.9





#83

tert-Butylbenzene

Concen: 21.135 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

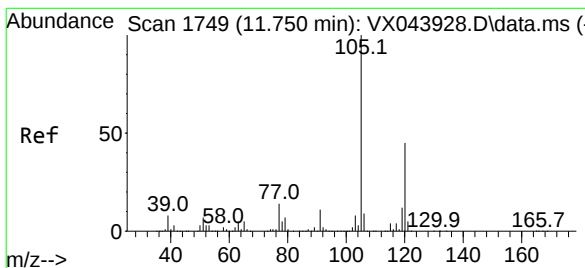
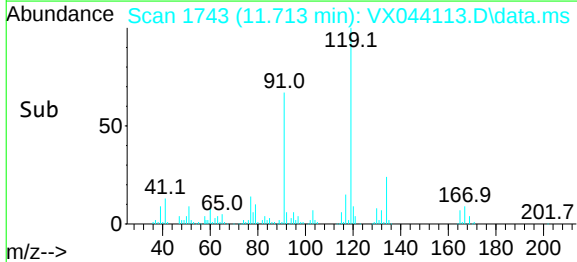
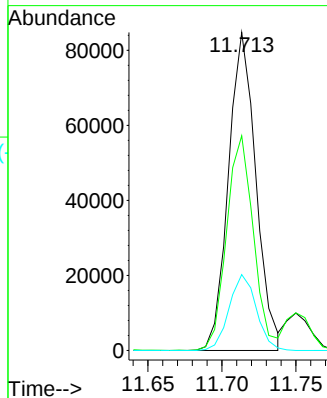
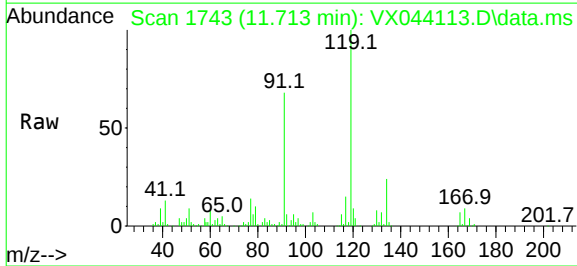
Tgt Ion:	119	Resp:	109435
Ion Ratio	Lower	Upper	
119	100		
91	66.1	31.0	93.0
134	23.7	11.6	34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#84

1,2,4-Trimethylbenzene

Concen: 21.784 ug/l

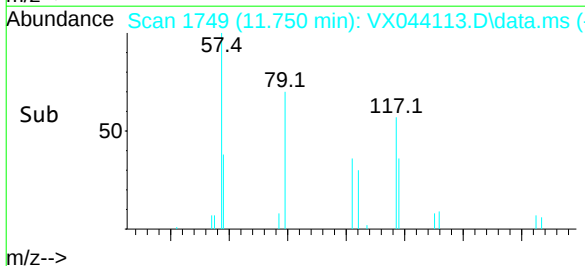
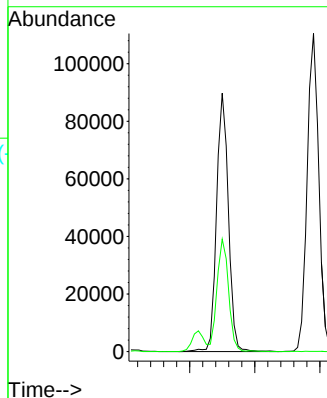
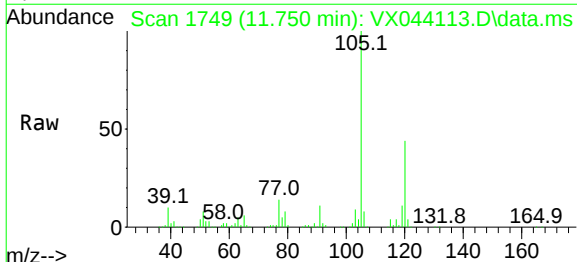
RT: 11.750 min Scan# 1749

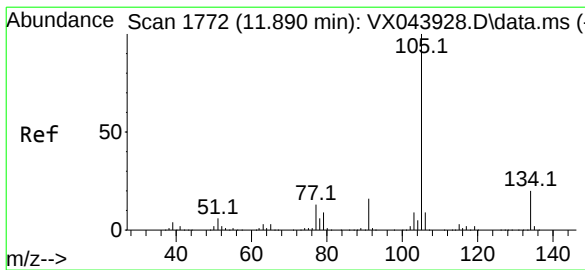
Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

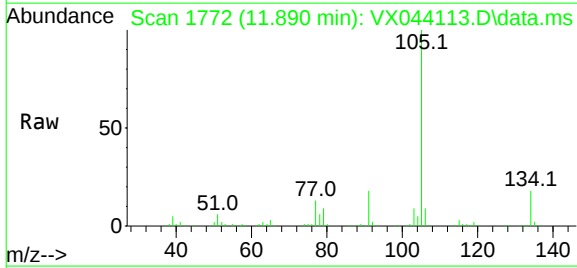
Tgt Ion:	105	Resp:	113300
Ion Ratio	Lower	Upper	
105	100		
120	43.2	21.9	65.7





#85
sec-Butylbenzene
Concen: 21.698 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47

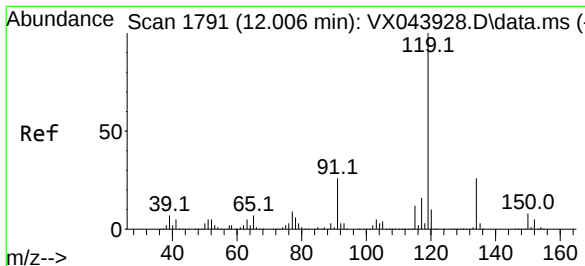
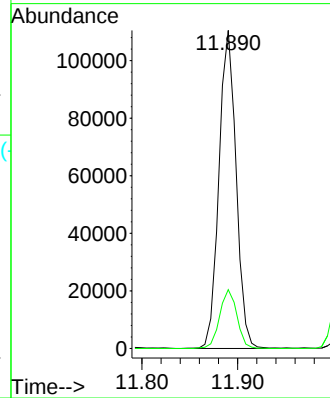
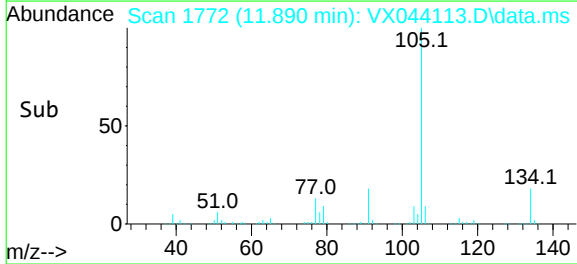
Instrument :
MSVOA_X
ClientSampleId :
VX1204WBSD01



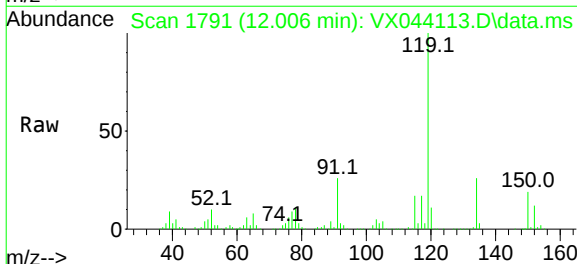
Tgt Ion:105 Resp: 137654
Ion Ratio Lower Upper
105 100
134 18.6 9.7 29.1

Manual Integrations
APPROVED

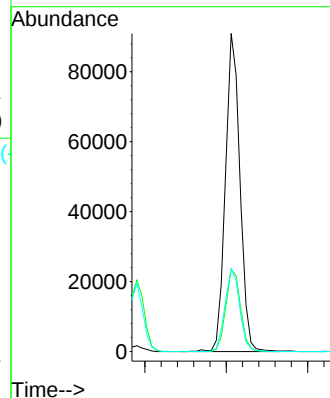
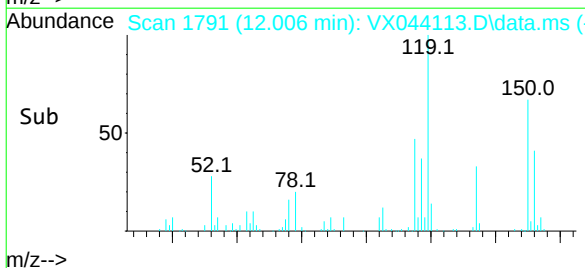
Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024

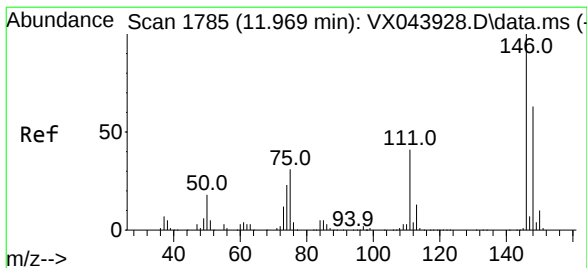


#86
p-Isopropyltoluene
Concen: 21.917 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX044113.D
Acq: 04 Dec 2024 13:47



Tgt Ion:119 Resp: 112943
Ion Ratio Lower Upper
119 100
134 26.2 13.0 38.9
91 26.3 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 20.872 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

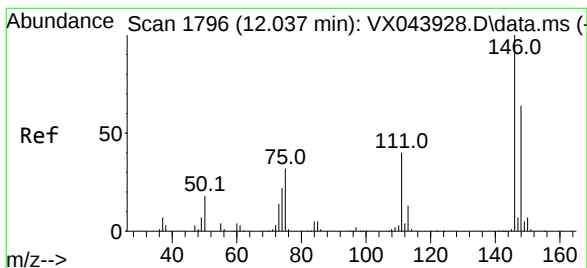
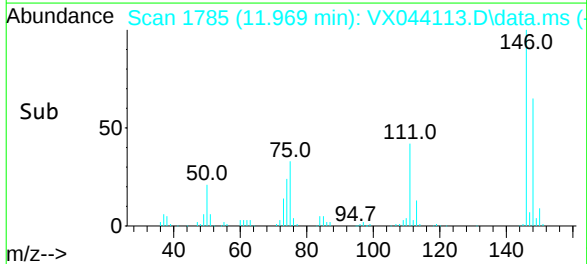
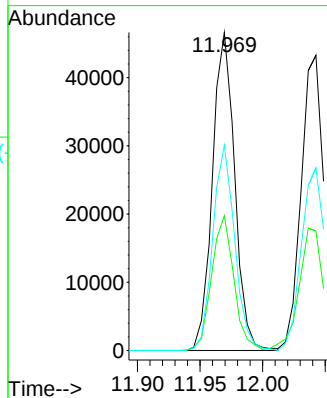
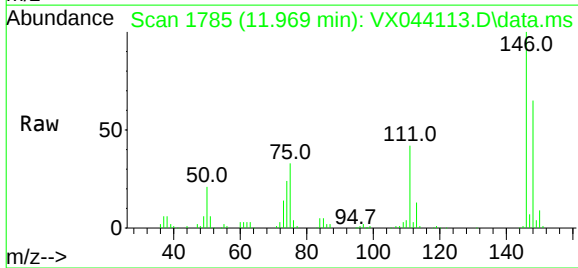
Tgt Ion:	146	Resp:	57583
Ion Ratio	Lower	Upper	
146	100		
111	42.3	21.1	63.3
148	63.9	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#88

1,4-Dichlorobenzene

Concen: 20.244 ug/l

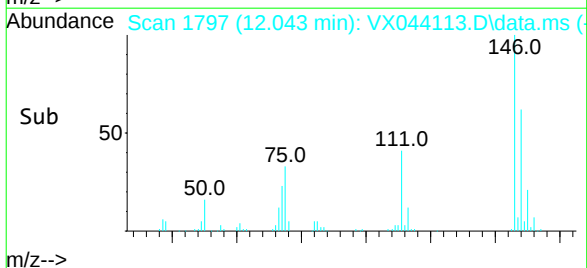
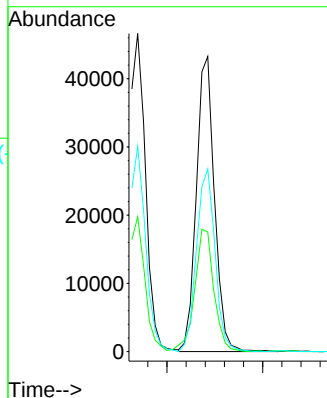
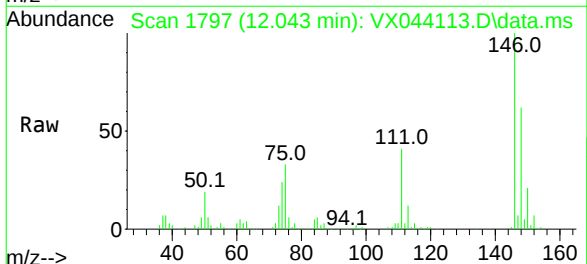
RT: 12.043 min Scan# 1797

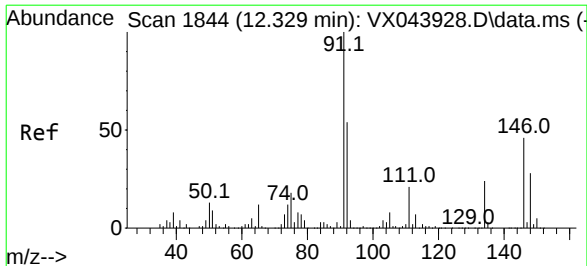
Delta R.T. 0.006 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Tgt Ion:	146	Resp:	56941
Ion Ratio	Lower	Upper	
146	100		
111	43.9	20.1	60.3
148	63.5	30.9	92.8





#89

n-Butylbenzene

Concen: 21.625 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX044113.D

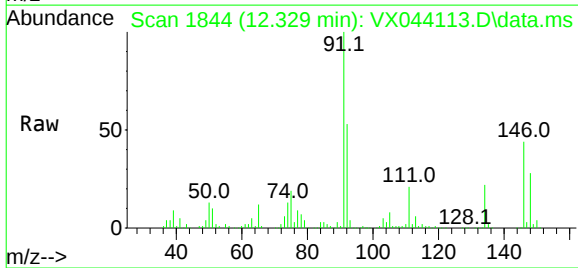
Acq: 04 Dec 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

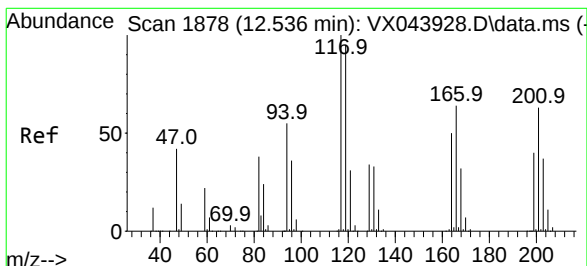
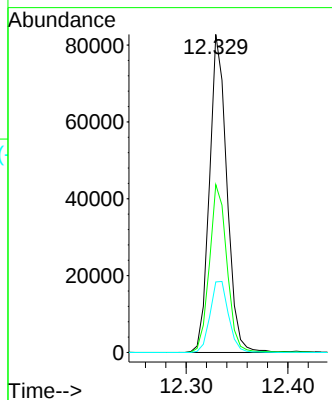
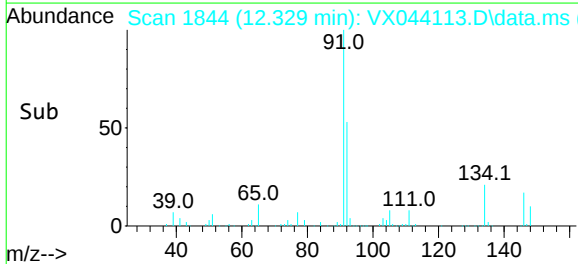
VX1204WBSD01



Tgt Ion:	91	Resp:	98251
Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.6	79.8
134	23.8	12.4	37.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024



#90

Hexachloroethane

Concen: 17.885 ug/l

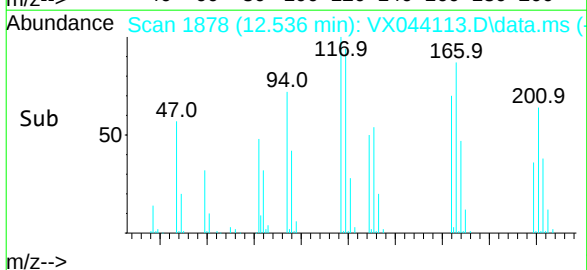
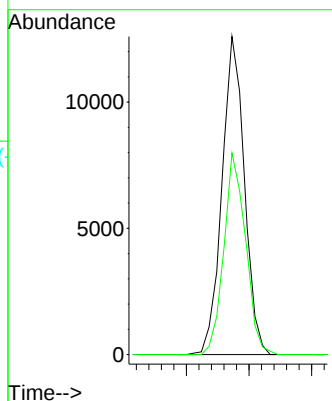
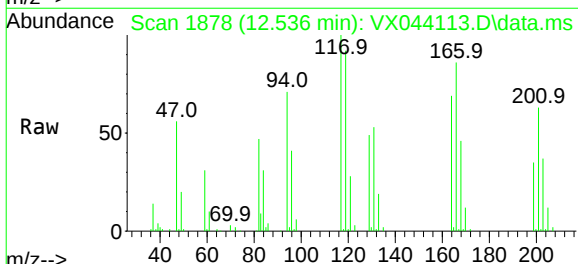
RT: 12.536 min Scan# 1878

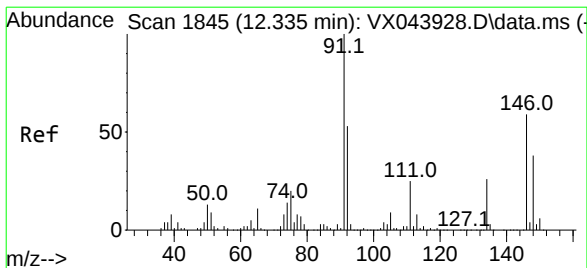
Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Tgt Ion:	117	Resp:	15672
Ion	Ratio	Lower	Upper
117	100		
201	61.4	32.4	97.0





#91

1,2-Dichlorobenzene

Concen: 20.575 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

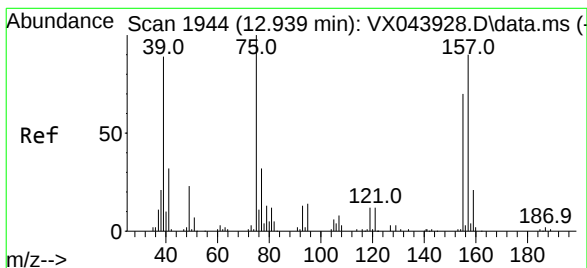
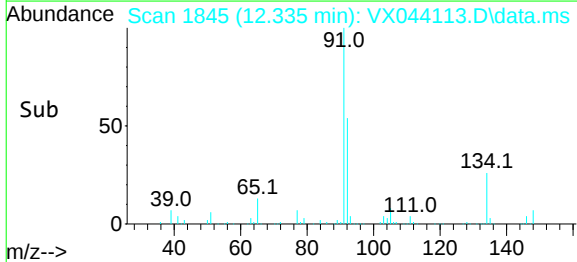
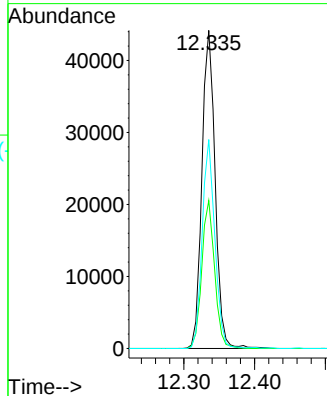
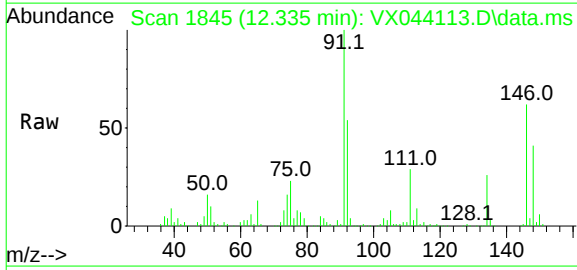
Tgt Ion:	146	Resp:	57283
Ion Ratio	Lower	Upper	
146	100		
111	45.3	21.5	64.5
148	62.9	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.152 ug/l

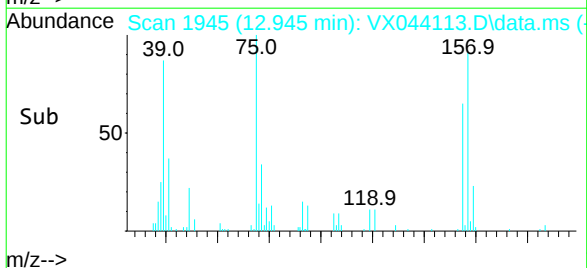
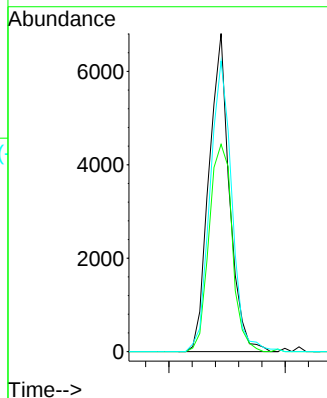
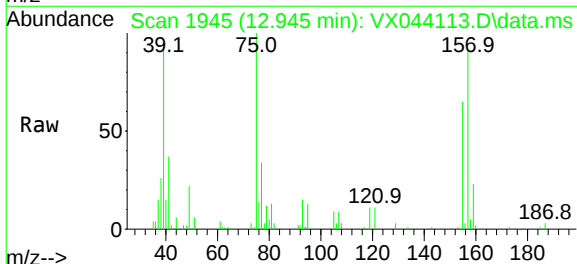
RT: 12.945 min Scan# 1945

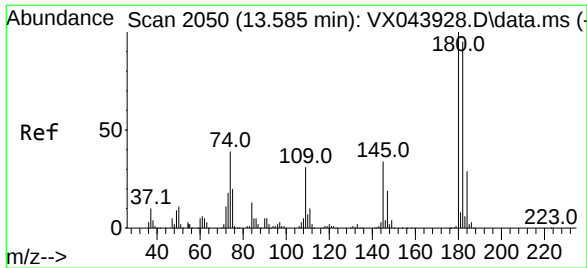
Delta R.T. 0.006 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Tgt Ion:	75	Resp:	8344
Ion Ratio	Lower	Upper	
75	100		
155	73.5	40.1	120.2
157	96.6	49.6	149.0





#93

1,2,4-Trichlorobenzene

Concen: 19.104 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

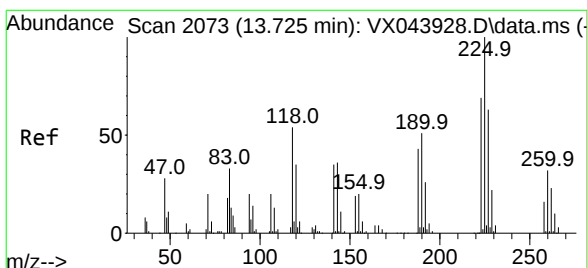
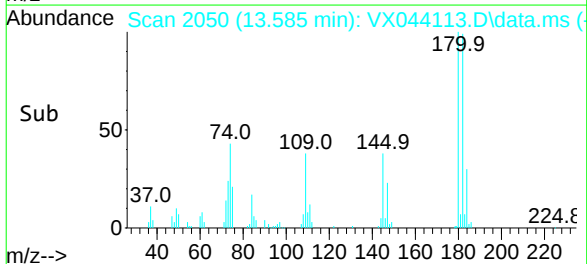
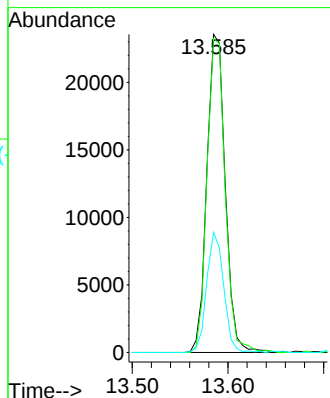
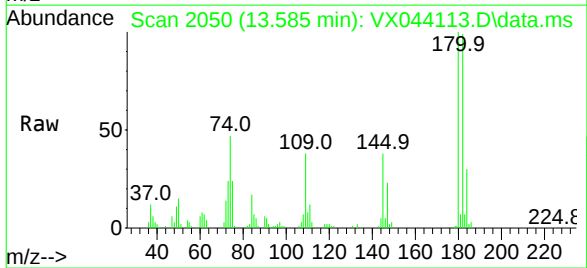
Tgt Ion:	180	Resp:	31357
Ion Ratio	Lower	Upper	
180	100		
182	97.5	48.0	144.2
145	35.1	16.8	50.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#94

Hexachlorobutadiene

Concen: 20.696 ug/l

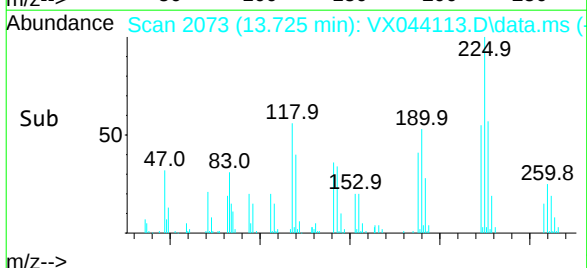
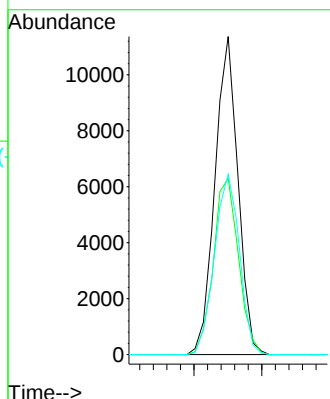
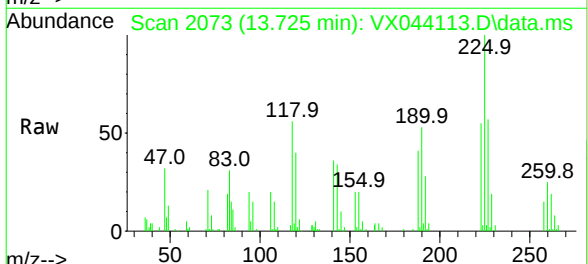
RT: 13.725 min Scan# 2073

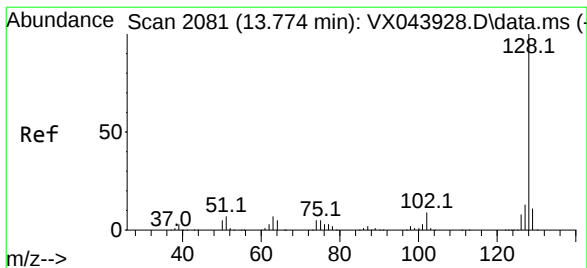
Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Tgt Ion:	225	Resp:	13426
Ion Ratio	Lower	Upper	
225	100		
223	60.3	32.9	98.6
227	61.5	31.6	94.8





#95

Naphthalene

Concen: 21.780 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBSD01

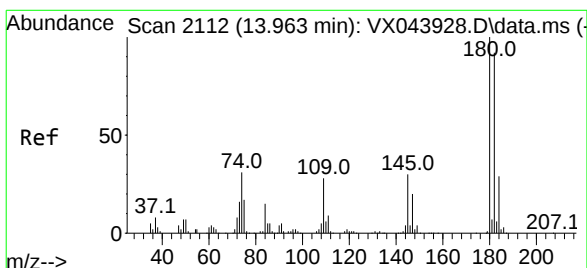
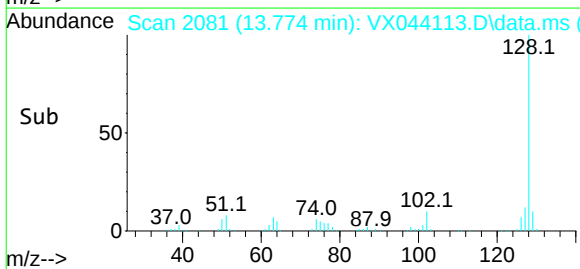
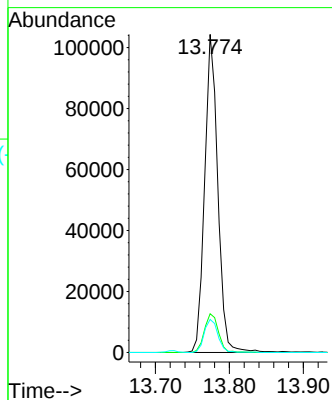
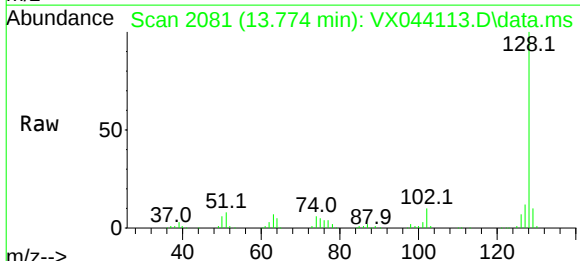
Tgt Ion:	128	Resp:	128692
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	10.8	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2024

Supervised By :Mahesh Dadoda 12/05/2024



#96

1,2,3-Trichlorobenzene

Concen: 20.273 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX044113.D

Acq: 04 Dec 2024 13:47

Tgt Ion:	180	Resp:	33682
Ion	Ratio	Lower	Upper
180	100		
182	95.2	45.6	136.8
145	34.6	16.4	49.4

