

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
 Data File : VX044469.D
 Acq On : 23 Dec 2024 11:04
 Operator : JC/MD
 Sample : VX1223WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBS01

Quant Time: Dec 23 21:52:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/26/2024
 Supervised By : Mahesh Dadoda 12/26/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	95798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150710	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	73927	44.013	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.020%		
35) Dibromofluoromethane	5.373	113	56562	54.188	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.380%		
50) Toluene-d8	8.641	98	198030	56.235	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	112.460%		
62) 4-Bromofluorobenzene	11.079	95	65766	53.447	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	106.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	32007	21.608	ug/l	96
3) Chloromethane	1.294	50	27774	19.607	ug/l	99
4) Vinyl Chloride	1.374	62	27016	18.307	ug/l	98
5) Bromomethane	1.599	94	19188	18.328	ug/l	97
6) Chloroethane	1.666	64	15580	16.955	ug/l	100
7) Trichlorofluoromethane	1.867	101	51943	17.979	ug/l	99
8) Diethyl Ether	2.136	74	16859	17.096	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	25530	21.838	ug/l	97
10) Methyl Iodide	2.447	142	28656	18.599	ug/l	93
11) Tert butyl alcohol	2.989	59	7612	32.156	ug/l #	71
12) 1,1-Dichloroethene	2.306	96	22330	20.796	ug/l	97
13) Acrolein	2.233	56	29440	85.915	ug/l	100
14) Allyl chloride	2.654	41	33412	18.681	ug/l	97
15) Acrylonitrile	3.062	53	61753	94.174	ug/l	99
16) Acetone	2.386	43	63969	93.417	ug/l	95
17) Carbon Disulfide	2.501	76	34775	17.037	ug/l	98
18) Methyl Acetate	2.703	43	32226	18.252	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	74398	17.755	ug/l	99
20) Methylene Chloride	2.788	84	23939	18.613	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	22128	19.390	ug/l	88
22) Diisopropyl ether	3.757	45	72980	18.121	ug/l	91
23) Vinyl Acetate	3.715	43	302197	92.293	ug/l	98
24) 1,1-Dichloroethane	3.605	63	42670	19.007	ug/l	98
25) 2-Butanone	4.556	43	86105	88.449	ug/l	100
26) 2,2-Dichloropropane	4.465	77	37546	20.587	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	26814	18.501	ug/l	98
28) Bromochloromethane	4.897	49	14914	13.548	ug/l	96
29) Tetrahydrofuran	5.007	42	52223	83.576	ug/l	99
30) Chloroform	5.086	83	46014	18.243	ug/l	98
31) Cyclohexane	5.452	56	38325	21.141	ug/l	91
32) 1,1,1-Trichloroethane	5.373	97	41484	19.813	ug/l	99
36) 1,1-Dichloropropene	5.684	75	30587	22.670	ug/l	98
37) Ethyl Acetate	4.708	43	33570	20.128	ug/l #	92
38) Carbon Tetrachloride	5.672	117	32313	22.245	ug/l	97
39) Methylcyclohexane	7.373	83	40845	25.322	ug/l	98
40) Benzene	6.031	78	95198	23.238	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
 Data File : VX044469.D
 Acq On : 23 Dec 2024 11:04
 Operator : JC/MD
 Sample : VX1223WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/26/2024
 Supervised By : Mahesh Dadoda 12/26/2024

Quant Time: Dec 23 21:52:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	17284	19.516	ug/l	96
42) 1,2-Dichloroethane	6.086	62	36432	21.589	ug/l	97
43) Isopropyl Acetate	6.336	43	51199	19.640	ug/l	99
44) Trichloroethene	7.123	130	24449	23.933	ug/l	88
45) 1,2-Dichloropropane	7.421	63	22822	21.806	ug/l	99
46) Dibromomethane	7.574	93	18329	22.574	ug/l	94
47) Bromodichloromethane	7.818	83	29719	21.193	ug/l	99
48) Methyl methacrylate	7.696	41	24119	19.060	ug/l	97
49) 1,4-Dioxane	7.677	88	9452	450.519	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	163383	97.476	ug/l	100
52) Toluene	8.714	92	56873	22.108	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	27893	19.736	ug/l	92
54) cis-1,3-Dichloropropene	8.360	75	32357	21.192	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	23112	22.615	ug/l	93
56) Ethyl methacrylate	9.116	69	32351	20.051	ug/l	95
57) 1,3-Dichloropropane	9.305	76	38455	21.618	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.238	63	127285	156.417	ug/l	99
59) 2-Hexanone	9.433	43	118371	97.567	ug/l	98
60) Dibromochloromethane	9.518	129	19798	19.577	ug/l	96
61) 1,2-Dibromoethane	9.604	107	22820	21.936	ug/l	99
64) Tetrachloroethene	9.269	164	22325	26.525	ug/l	96
65) Chlorobenzene	10.079	112	62148	22.871	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	20191	23.120	ug/l	98
67) Ethyl Benzene	10.189	91	102912	21.919	ug/l	95
68) m/p-Xylenes	10.299	106	79048	45.884	ug/l	93
69) o-Xylene	10.640	106	39669	22.757	ug/l	92
70) Styrene	10.652	104	61594	22.042	ug/l	97
71) Bromoform	10.799	173	11959	21.588	ug/l #	100
73) Isopropylbenzene	10.957	105	102207	23.041	ug/l	100
74) N-amyl acetate	10.841	43	38323	18.694	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	34336	22.286	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	28024m	21.661	ug/l	
77) Bromobenzene	11.195	156	26001	24.172	ug/l	90
78) n-propylbenzene	11.305	91	111601	22.763	ug/l	98
79) 2-Chlorotoluene	11.360	91	68806	21.700	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	83725	22.760	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7722	20.774	ug/l	95
82) 4-Chlorotoluene	11.451	91	77558	22.089	ug/l	98
83) tert-Butylbenzene	11.713	119	82519	22.698	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	81991	22.695	ug/l	96
85) sec-Butylbenzene	11.890	105	100712	22.820	ug/l	98
86) p-Isopropyltoluene	12.006	119	83824	22.820	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	44134	23.489	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	43831	22.693	ug/l	98
89) n-Butylbenzene	12.329	91	68030	22.025	ug/l	99
90) Hexachloroethane	12.536	117	11349	21.165	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	45028	23.080	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5361	17.924	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	25935	24.247	ug/l	96
94) Hexachlorobutadiene	13.719	225	11361	26.407	ug/l	98
95) Naphthalene	13.774	128	89367	21.405	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	26148	23.049	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044469.D
Acq On : 23 Dec 2024 11:04
Operator : JC/MD
Sample : VX1223WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

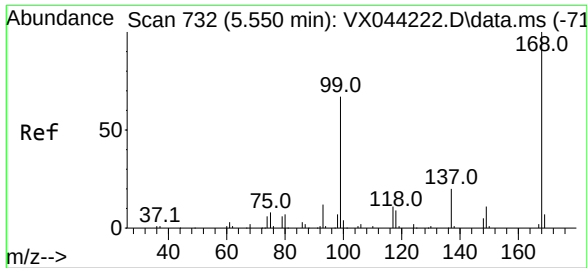
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

Quant Time: Dec 23 21:52:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

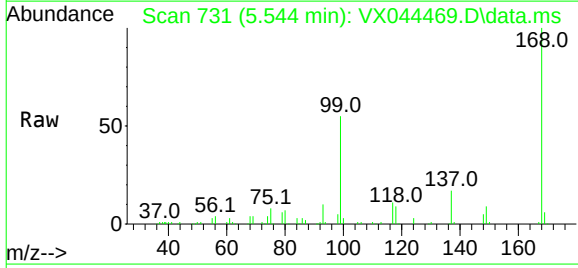
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

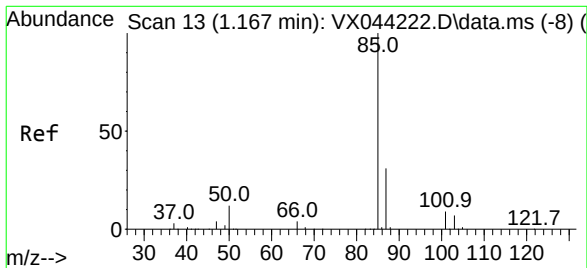
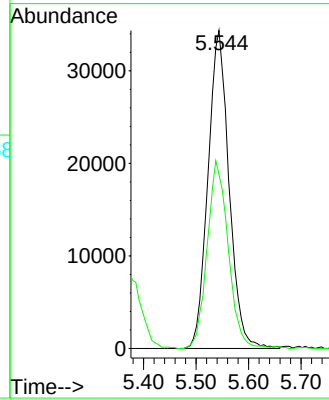
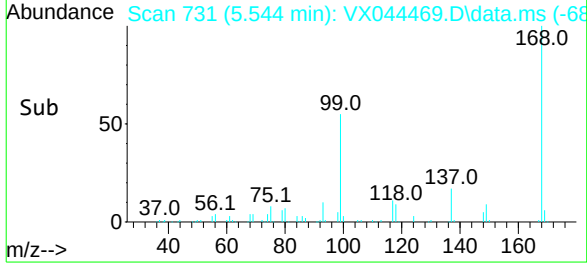
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01



Tgt Ion: 168 Resp: 95798
Ion Ratio Lower Upper
168 100
99 54.7 53.4 80.0

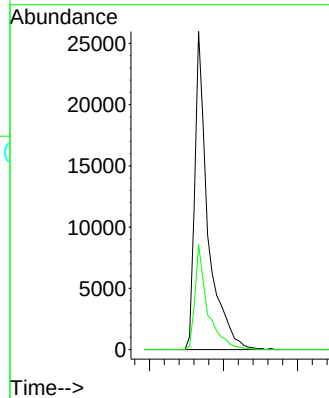
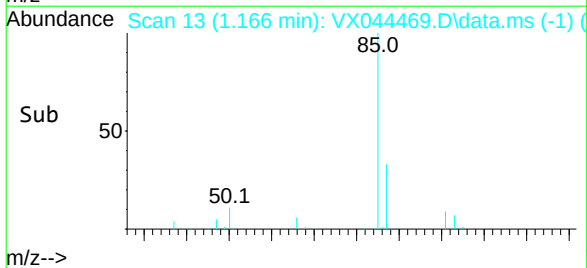
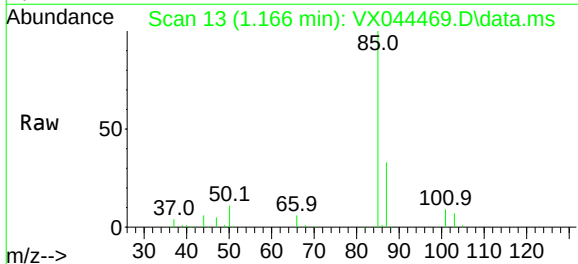
Manual Integrations
APPROVED

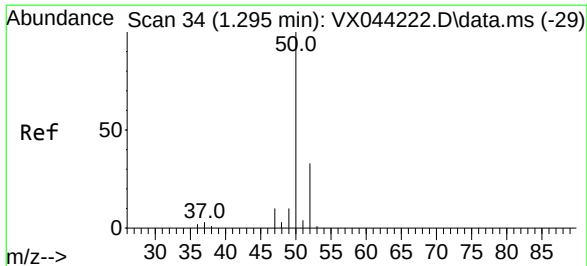
Reviewed By : John Carlone 12/26/2024
Supervised By : Mahesh Dadoda 12/26/2024



#2
Dichlorodifluoromethane
Concen: 21.608 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

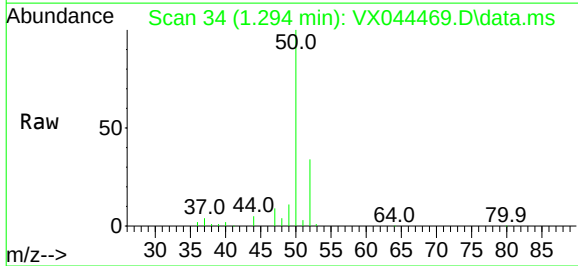
Tgt Ion: 85 Resp: 32007
Ion Ratio Lower Upper
85 100
87 33.1 15.4 46.4





#3
Chloromethane
Concen: 19.607 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

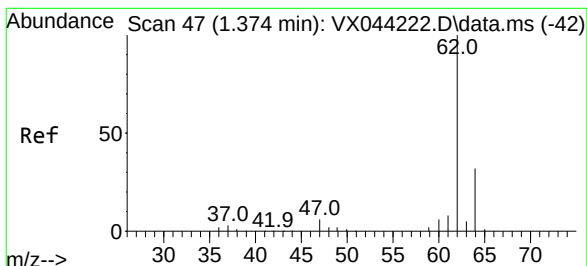
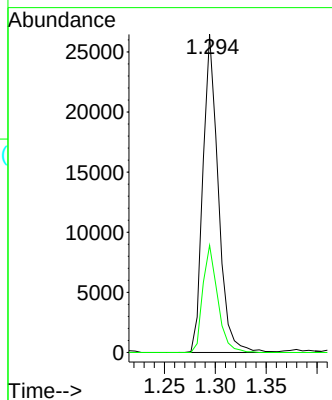
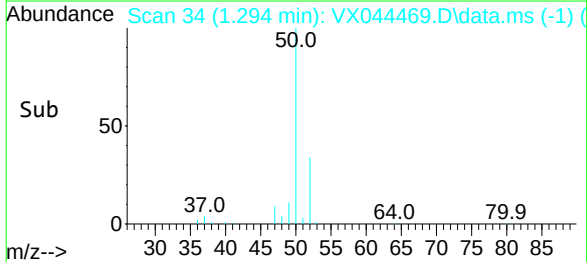
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01



Tgt Ion: 50 Resp: 27774
Ion Ratio Lower Upper
50 100
52 33.7 26.5 39.7

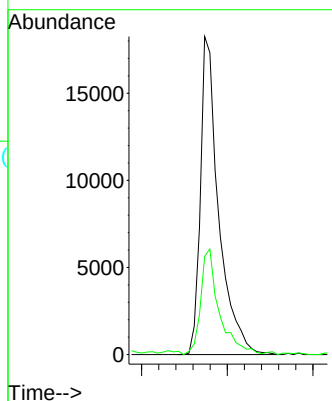
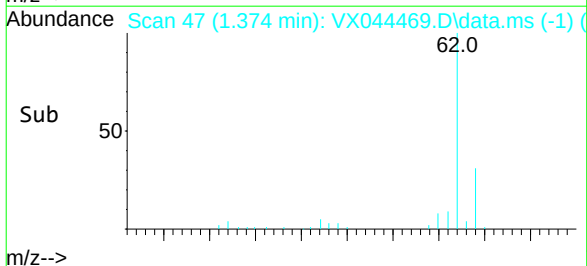
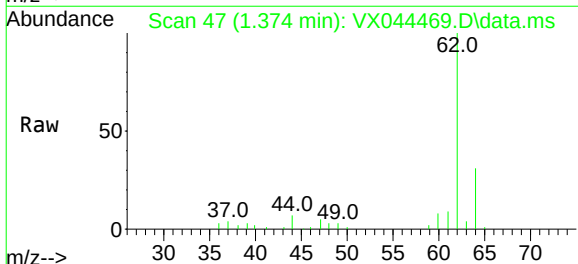
Manual Integrations
APPROVED

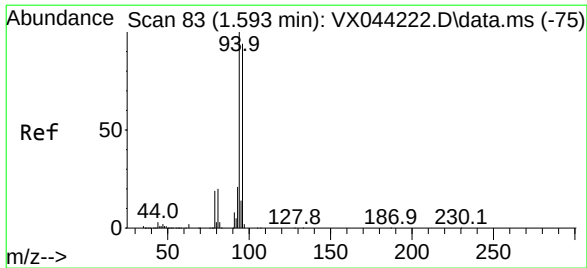
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#4
Vinyl Chloride
Concen: 18.307 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

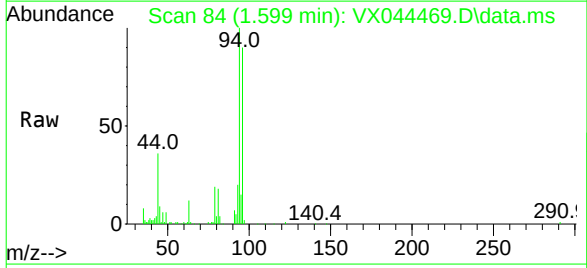
Tgt Ion: 62 Resp: 27016
Ion Ratio Lower Upper
62 100
64 30.9 25.7 38.5





#5
Bromomethane
Concen: 18.328 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

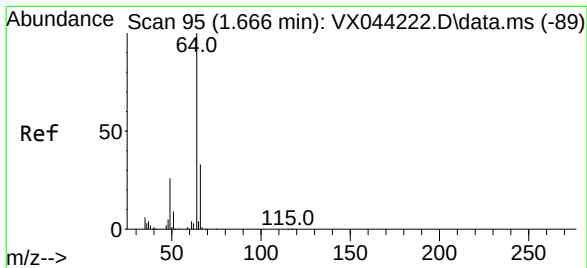
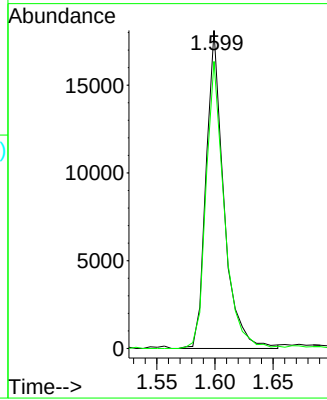
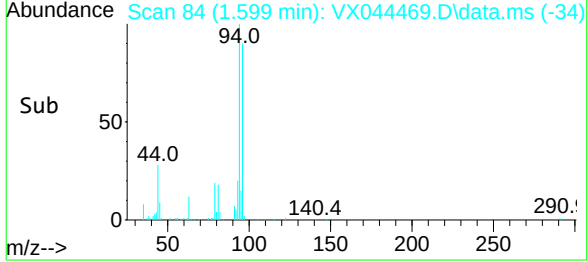
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01



Tgt Ion: 94 Resp: 19188
Ion Ratio Lower Upper
94 100
96 90.3 74.9 112.3

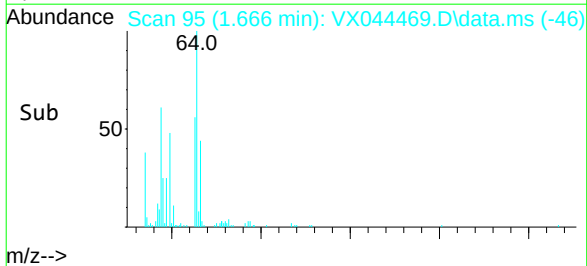
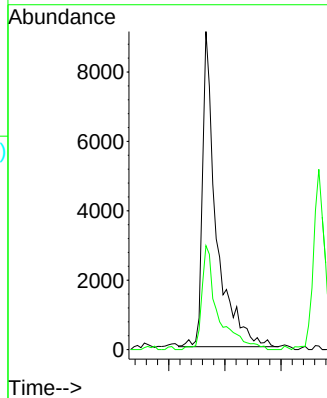
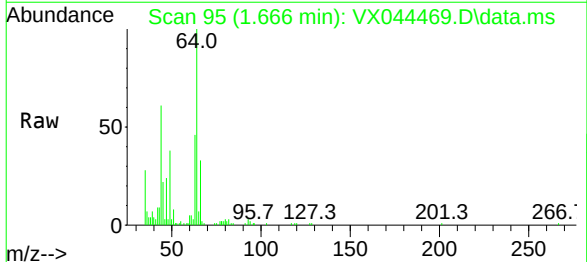
Manual Integrations
APPROVED

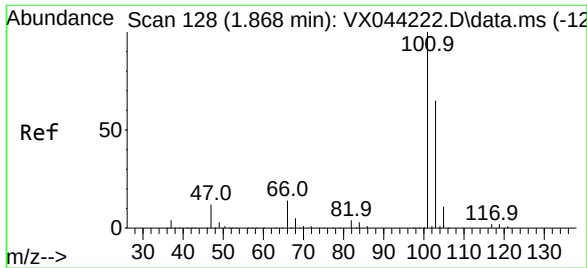
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#6
Chloroethane
Concen: 16.955 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

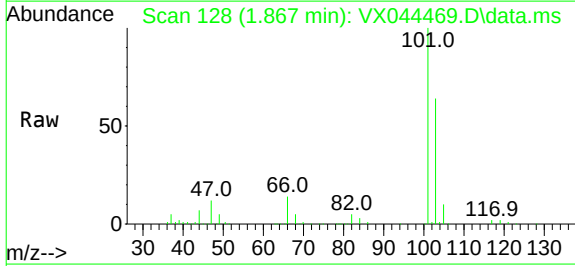
Tgt Ion: 64 Resp: 15580
Ion Ratio Lower Upper
64 100
66 33.0 26.6 39.8





#7
 Trichlorofluoromethane
 Concen: 17.979 ug/l
 RT: 1.867 min Scan# 128
 Delta R.T. -0.000 min
 Lab File: VX044469.D
 Acq: 23 Dec 2024 11:04

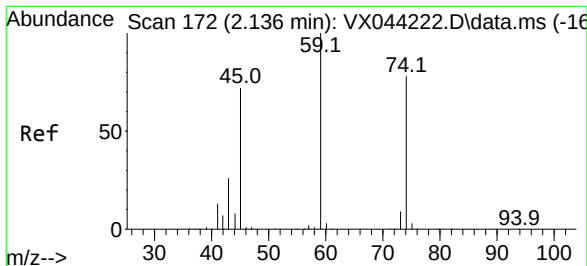
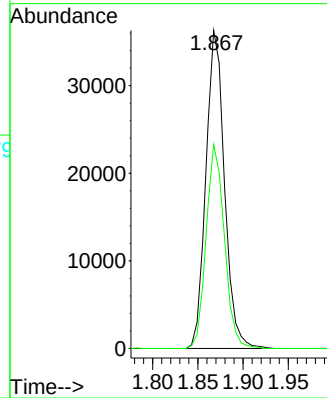
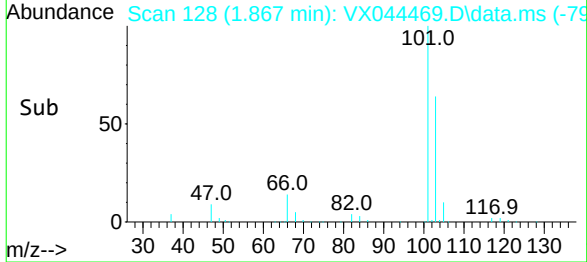
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBS01



Tgt Ion:101 Resp: 51943
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.8 77.8

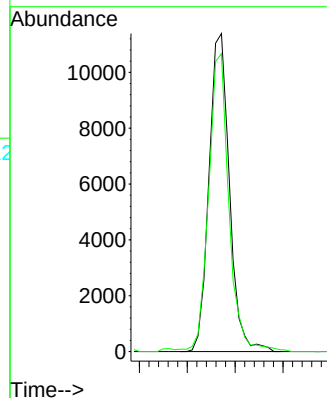
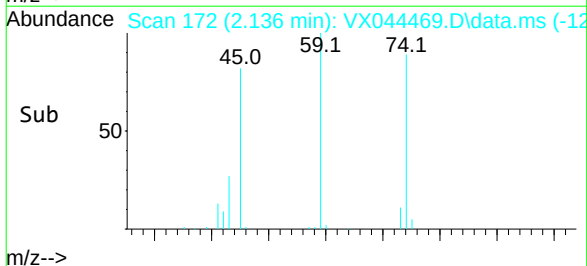
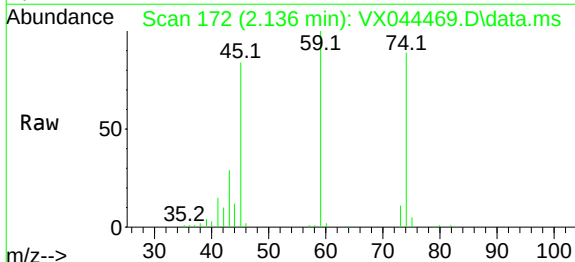
Manual Integrations
 APPROVED

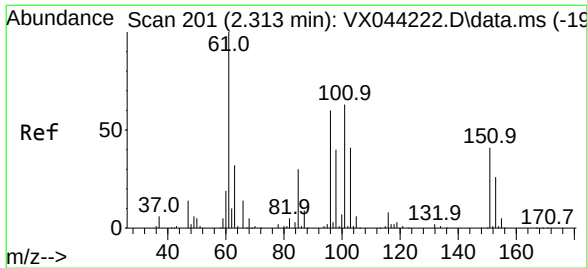
Reviewed By :John Carlone 12/26/2024
 Supervised By :Mahesh Dadoda 12/26/2024



#8
 Diethyl Ether
 Concen: 17.096 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX044469.D
 Acq: 23 Dec 2024 11:04

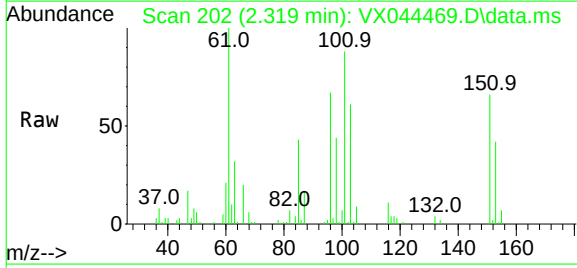
Tgt Ion: 74 Resp: 16859
 Ion Ratio Lower Upper
 74 100
 45 93.3 48.4 145.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.838 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

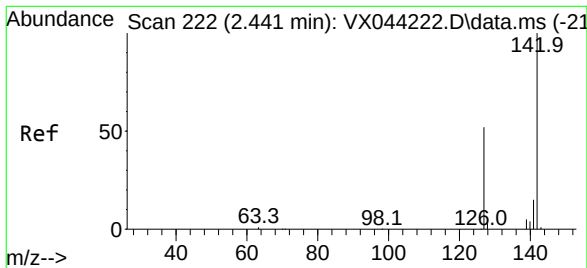
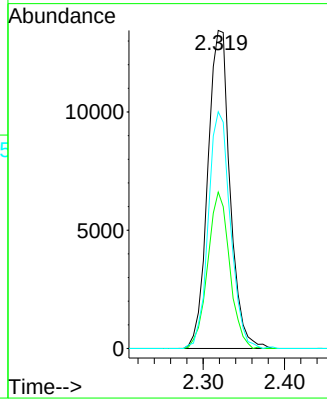
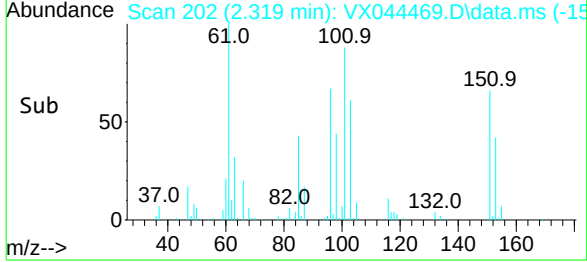
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01



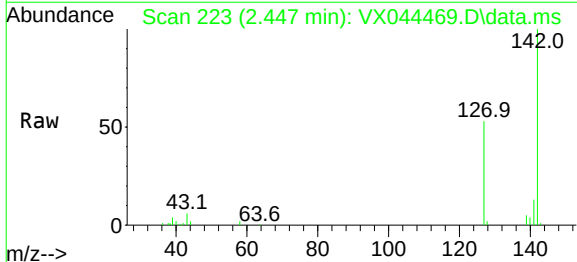
Tgt Ion:101 Resp: 25536
Ion Ratio Lower Upper
101 100
85 48.3 38.5 57.7
151 73.7 55.8 83.6

Manual Integrations
APPROVED

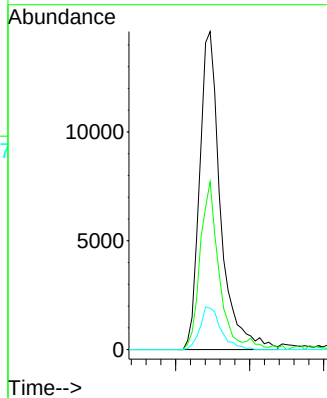
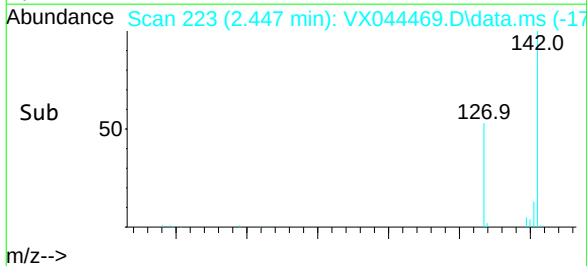
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

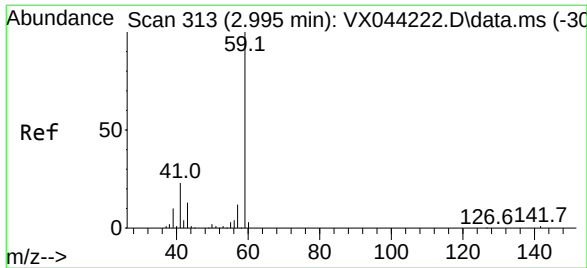


#10
Methyl Iodide
Concen: 18.599 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04



Tgt Ion:142 Resp: 28656
Ion Ratio Lower Upper
142 100
127 46.2 41.8 62.8
141 13.5 11.5 17.3





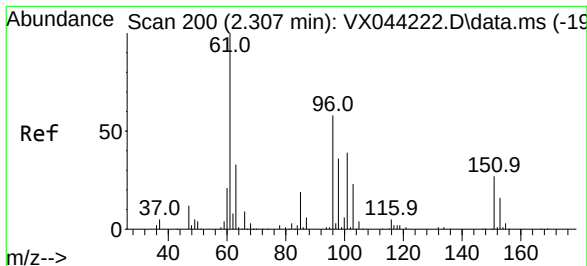
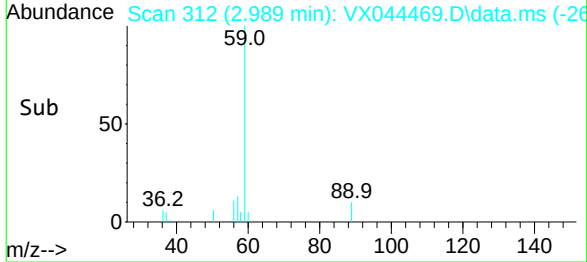
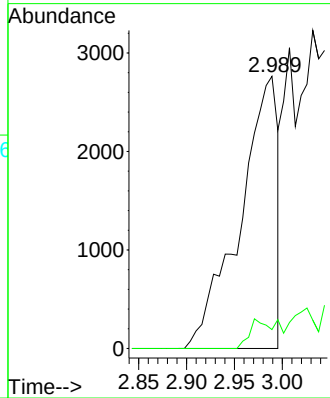
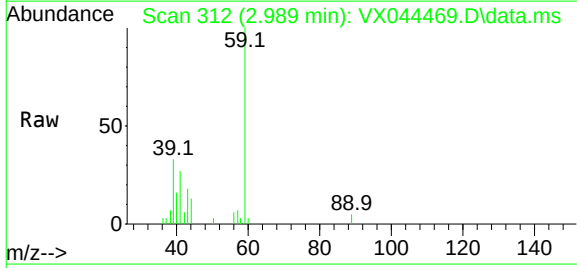
#11
Tert butyl alcohol
Concen: 32.156 ug/l
RT: 2.989 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tgt Ion: 59 Resp: 7612
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

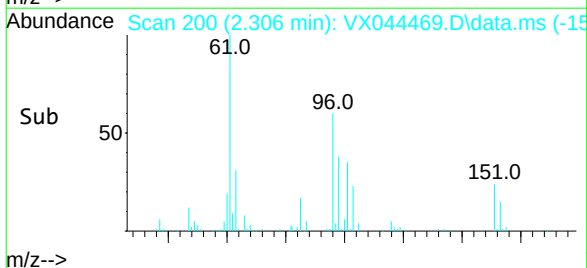
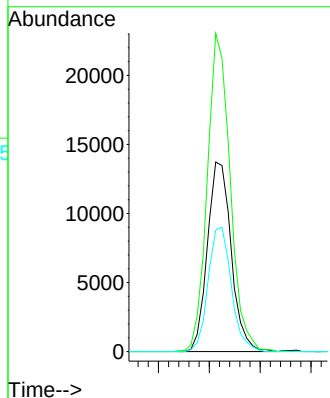
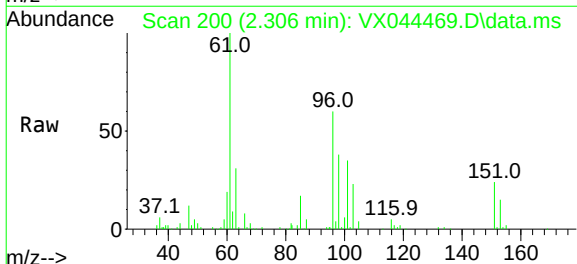
Manual Integrations
APPROVED

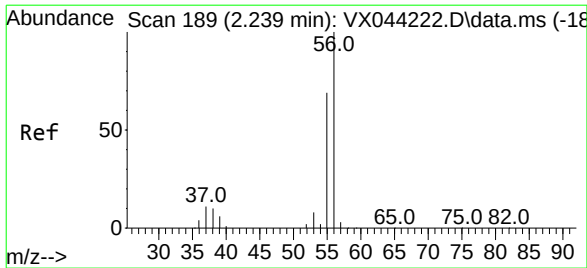
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#12
1,1-Dichloroethene
Concen: 20.796 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

Tgt Ion: 96 Resp: 22330
Ion Ratio Lower Upper
96 100
61 167.7 138.0 207.0
98 64.1 50.0 75.0





#13

Acrolein

Concen: 85.915 ug/l

RT: 2.233 min Scan# 18

Delta R.T. -0.006 min

Lab File: VX044469.D

Acq: 23 Dec 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

Tgt Ion: 56 Resp: 29440

Ion Ratio Lower Upper

56 100

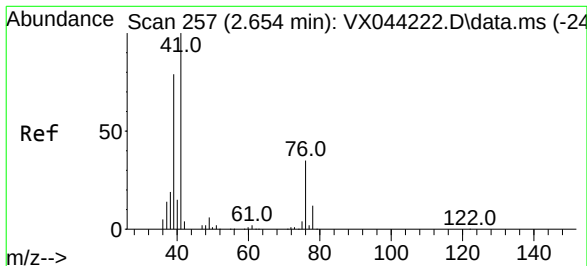
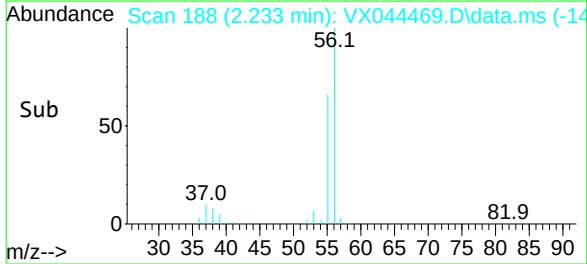
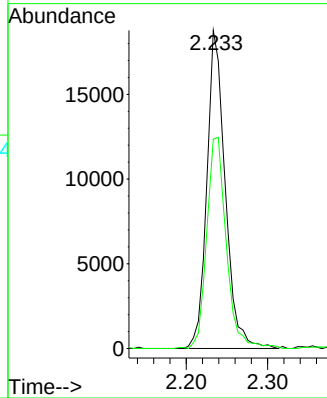
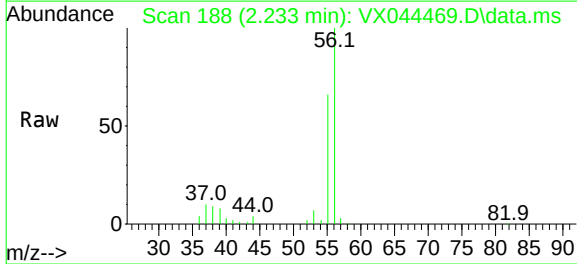
55 70.7 56.6 84.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#14

Allyl chloride

Concen: 18.681 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX044469.D

Acq: 23 Dec 2024 11:04

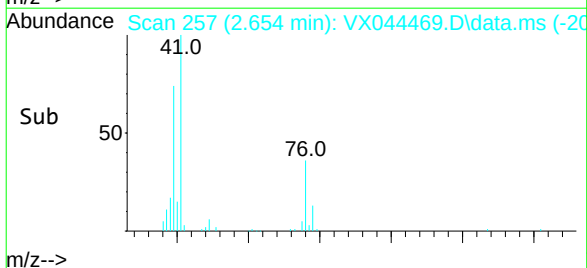
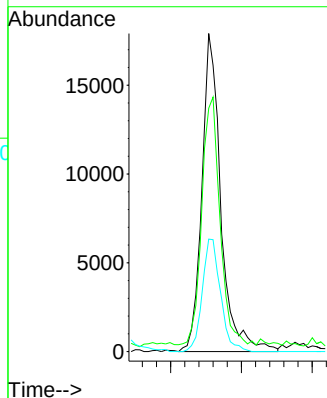
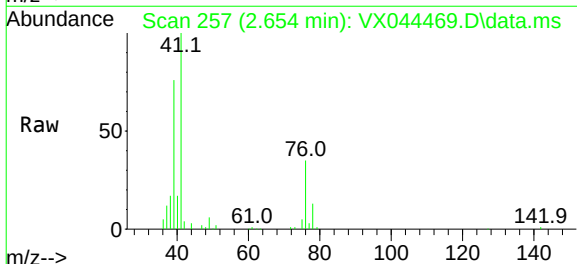
Tgt Ion: 41 Resp: 33412

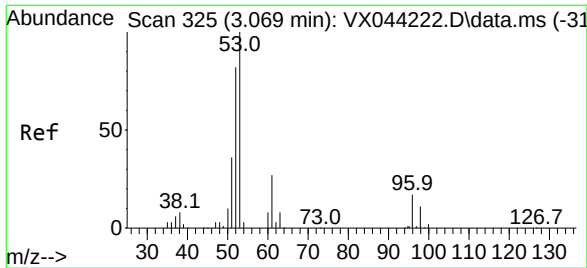
Ion Ratio Lower Upper

41 100

39 74.5 61.9 92.9

76 33.9 27.4 41.2





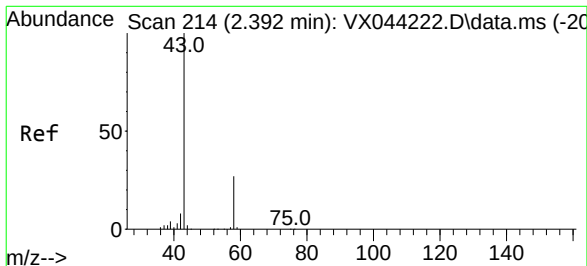
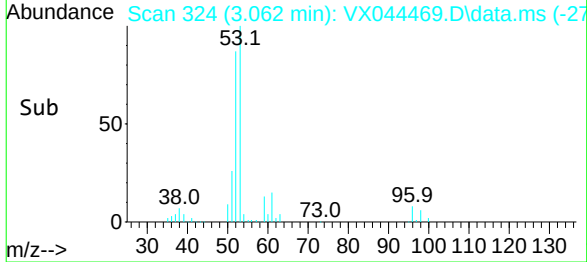
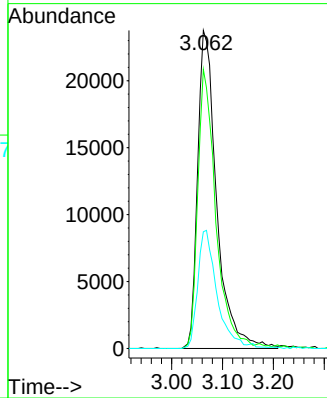
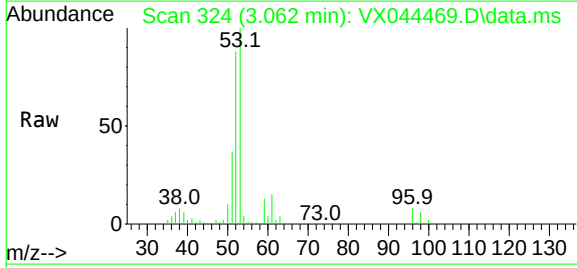
#15
Acrylonitrile
Concen: 94.174 ug/l
RT: 3.062 min Scan# 32
Delta R.T. -0.006 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.2	67.4	101.0
51	37.2	30.3	45.5

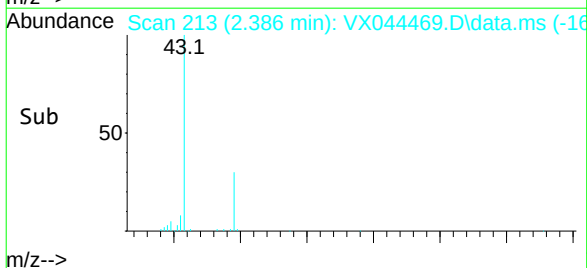
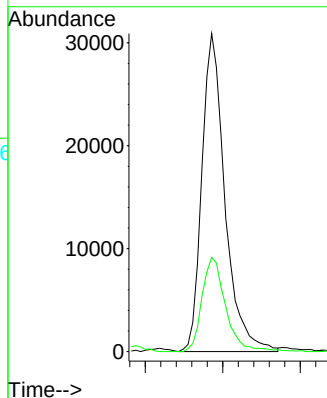
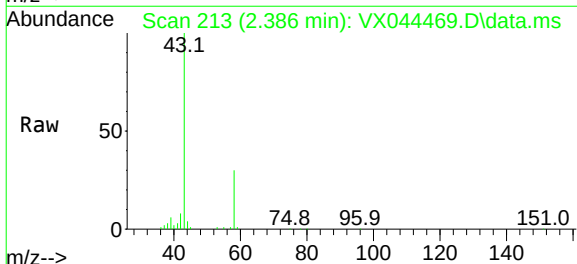
Manual Integrations
APPROVED

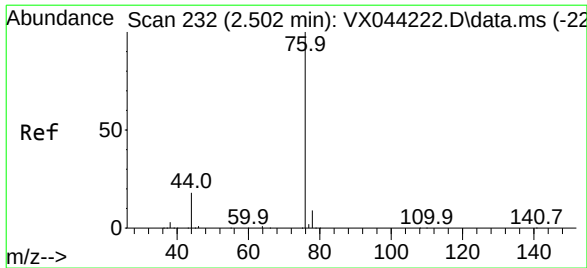
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#16
Acetone
Concen: 93.417 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.6	21.6	32.4





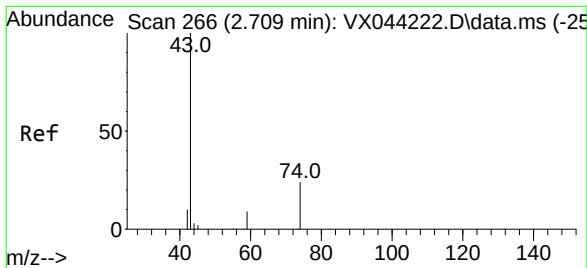
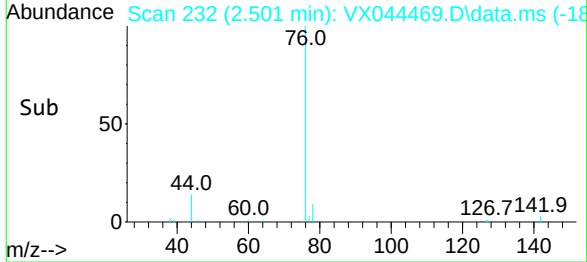
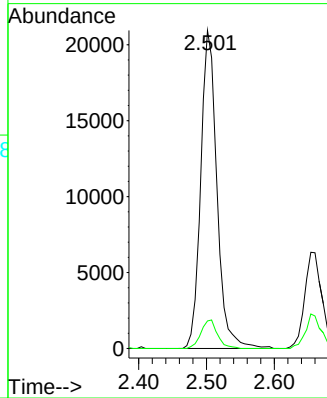
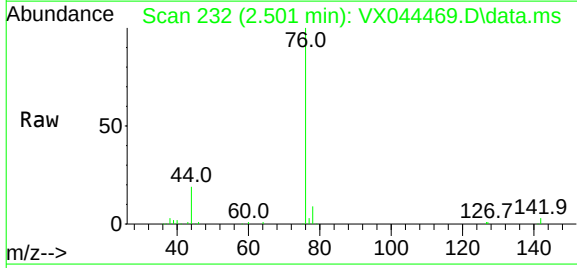
#17
Carbon Disulfide
Concen: 17.037 ug/l
RT: 2.501 min Scan# 231
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tgt Ion: 76 Resp: 34775
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

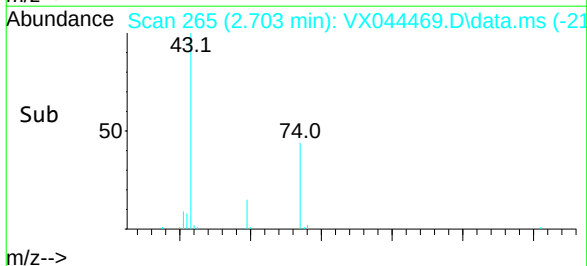
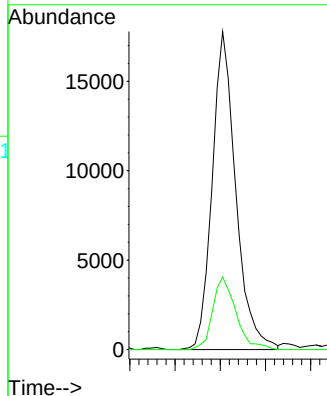
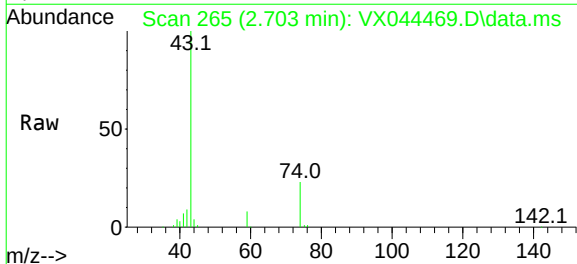
Manual Integrations
APPROVED

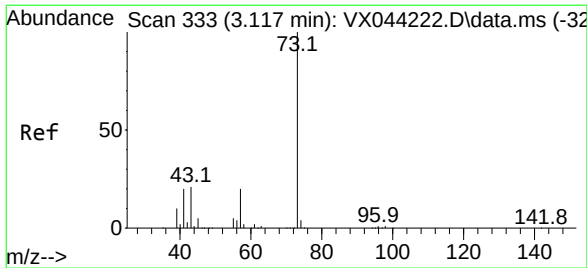
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#18
Methyl Acetate
Concen: 18.252 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

Tgt Ion: 43 Resp: 32226
Ion Ratio Lower Upper
43 100
74 22.5 17.7 26.5





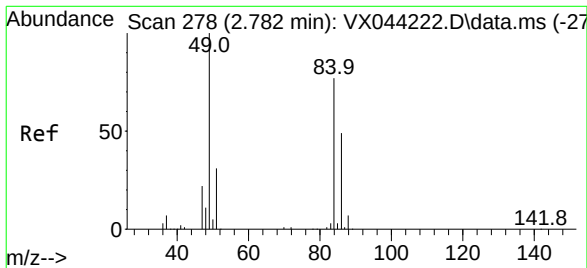
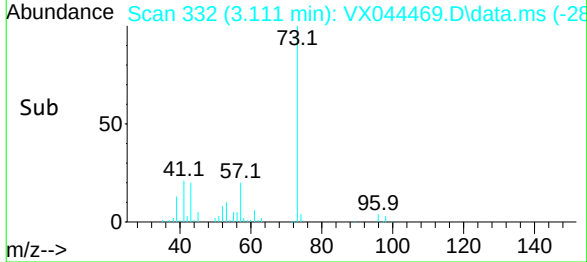
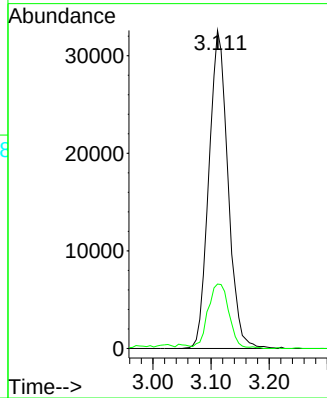
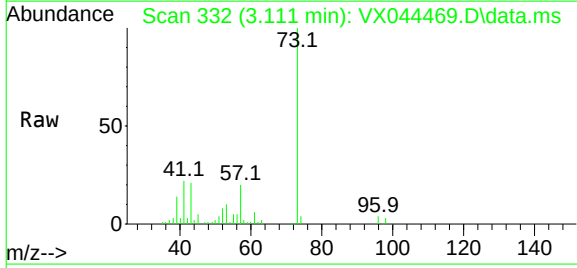
#19
Methyl tert-butyl Ether
Concen: 17.755 ug/l
RT: 3.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tgt Ion: 73 Resp: 74398
Ion Ratio Lower Upper
73 100
57 20.0 16.2 24.4

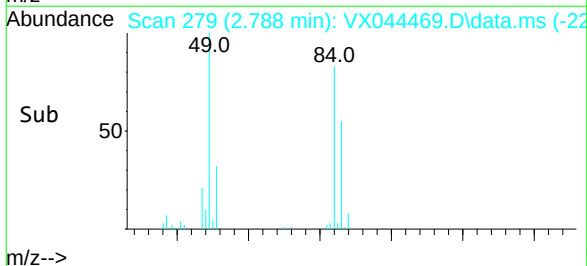
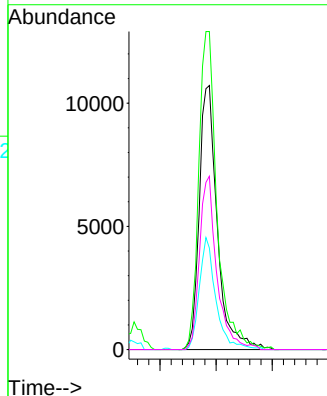
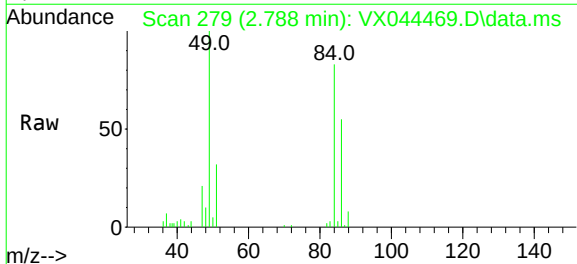
Manual Integrations
APPROVED

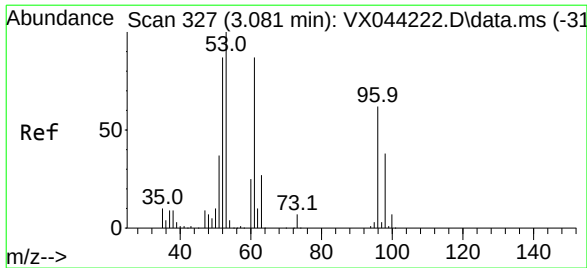
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#20
Methylene Chloride
Concen: 18.613 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

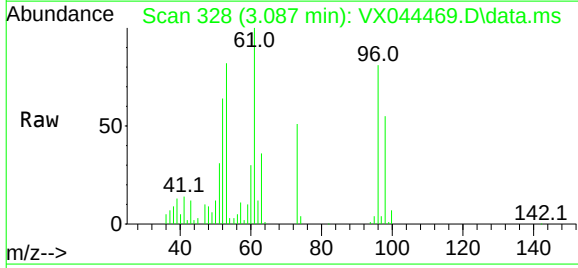
Tgt Ion: 84 Resp: 23939
Ion Ratio Lower Upper
84 100
49 120.4 104.2 156.4
51 38.5 32.2 48.4
86 65.6 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 19.390 ug/l
RT: 3.087 min Scan# 321
Delta R.T. 0.006 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

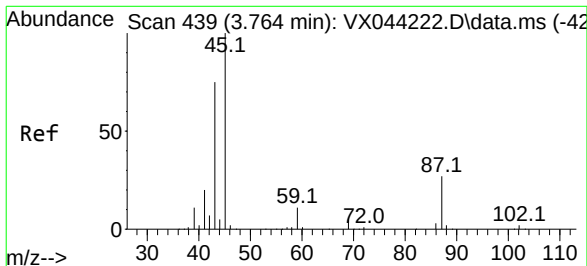
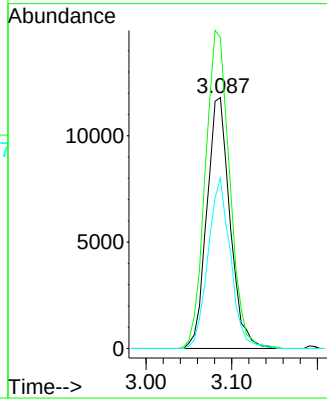
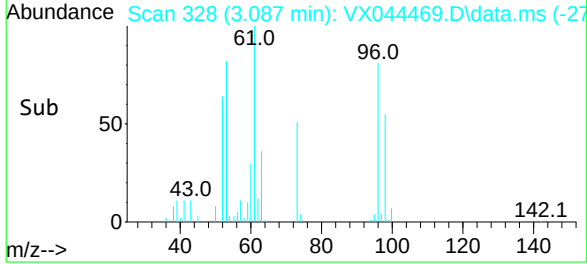
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01



Tgt Ion: 96 Resp: 22128
Ion Ratio Lower Upper
96 100
61 123.9 112.0 168.0
98 68.0 48.8 73.2

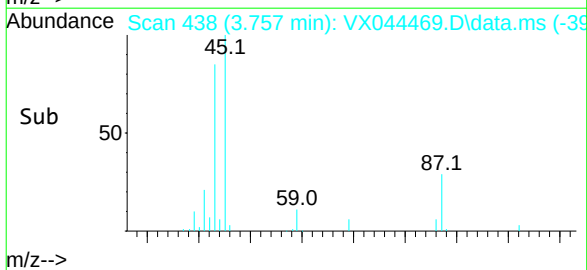
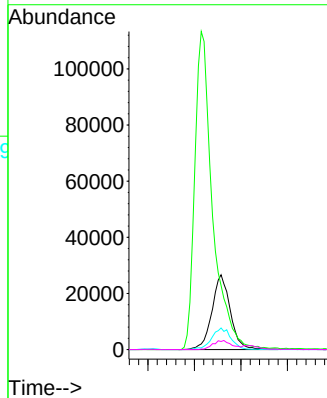
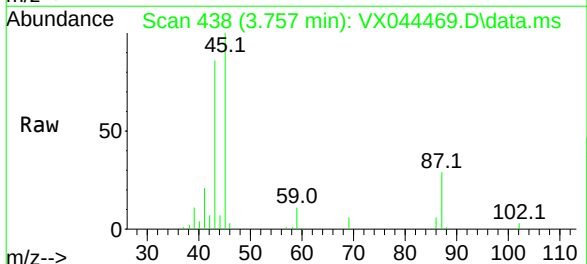
Manual Integrations
APPROVED

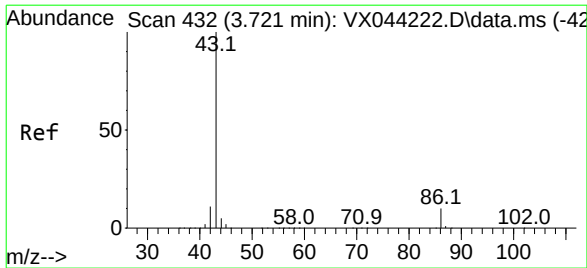
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#22
Diisopropyl ether
Concen: 18.121 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

Tgt Ion: 45 Resp: 72980
Ion Ratio Lower Upper
45 100
43 85.8 60.2 90.2
87 28.9 21.2 31.8
59 10.9 8.9 13.3





#23

Vinyl Acetate

Concen: 92.293 ug/l

RT: 3.715 min Scan# 43

Delta R.T. -0.006 min

Lab File: VX044469.D

Acq: 23 Dec 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

Tgt Ion: 43 Resp: 302197

Ion Ratio Lower Upper

43 100

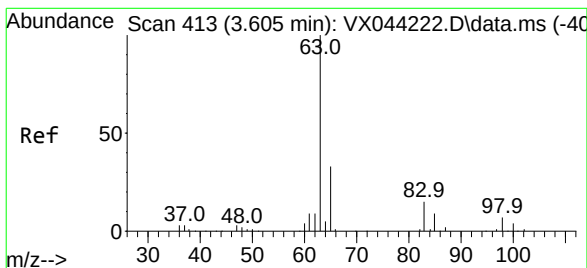
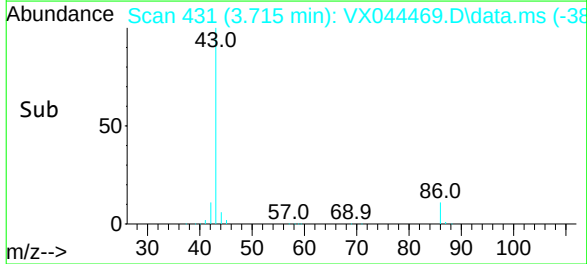
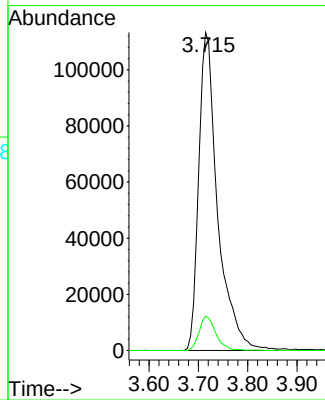
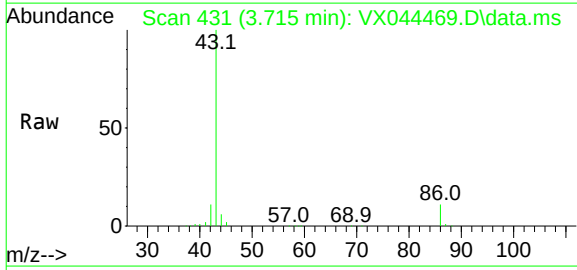
86 10.8 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#24

1,1-Dichloroethane

Concen: 19.007 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX044469.D

Acq: 23 Dec 2024 11:04

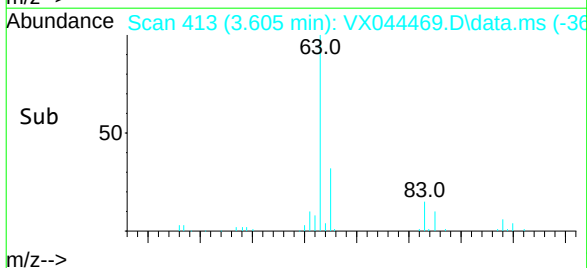
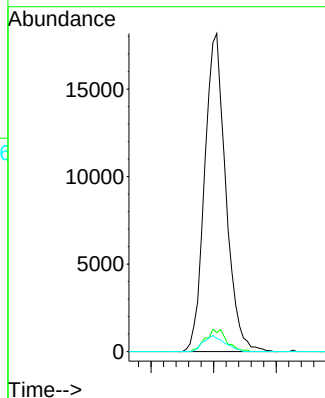
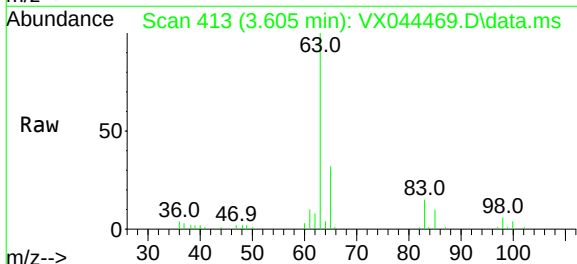
Tgt Ion: 63 Resp: 42670

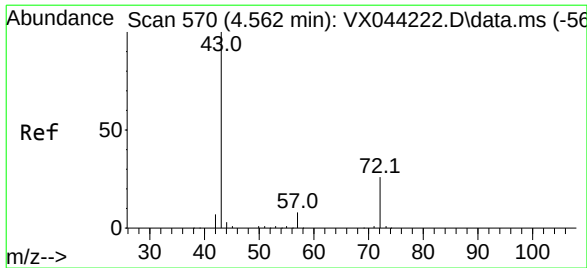
Ion Ratio Lower Upper

63 100

98 6.0 3.6 10.8

100 4.1 2.1 6.3





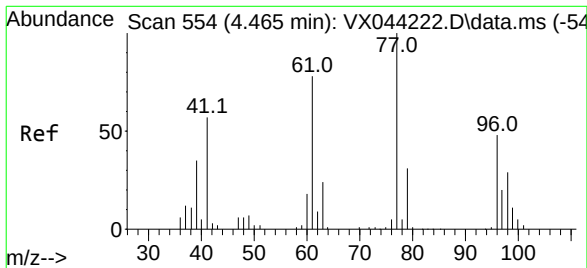
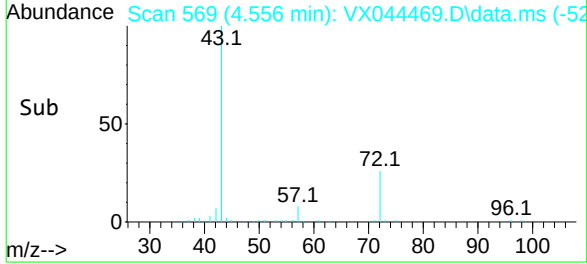
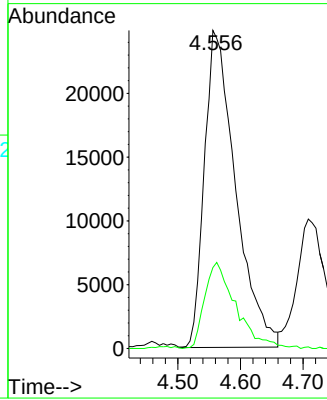
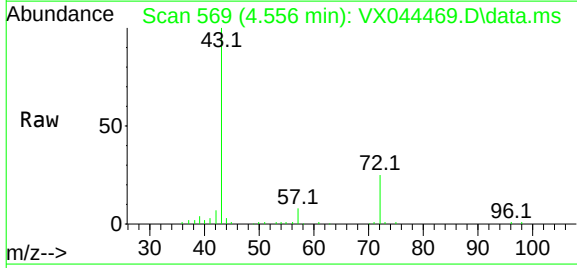
#25
2-Butanone
Concen: 88.449 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tgt Ion: 43 Resp: 86105
Ion Ratio Lower Upper
43 100
72 25.3 20.2 30.4

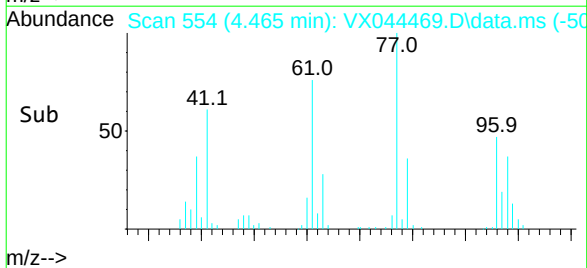
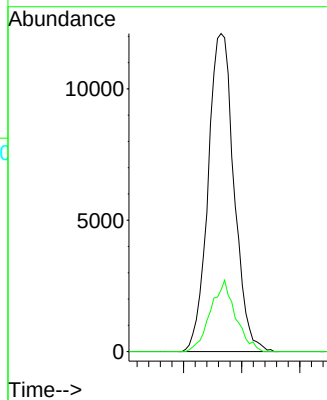
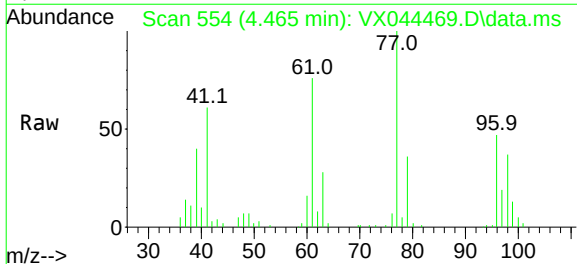
Manual Integrations
APPROVED

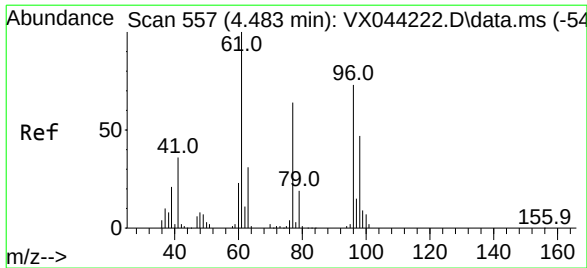
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#26
2,2-Dichloropropane
Concen: 20.587 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

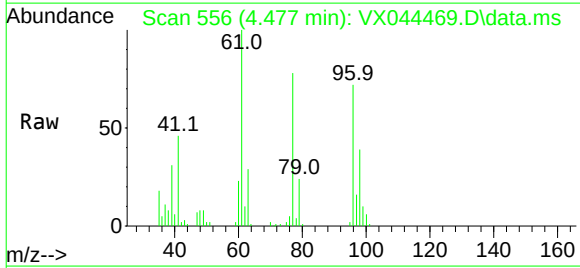
Tgt Ion: 77 Resp: 37546
Ion Ratio Lower Upper
77 100
97 21.7 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 18.501 ug/l
 RT: 4.477 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX044469.D
 Acq: 23 Dec 2024 11:04

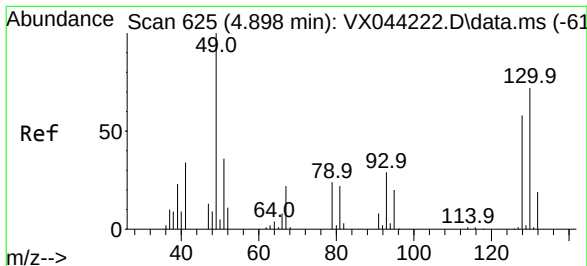
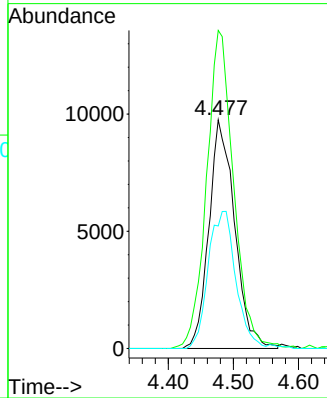
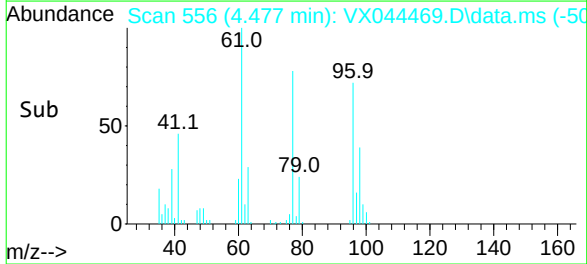
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBS01



Tgt Ion: 96 Resp: 26814
 Ion Ratio Lower Upper
 96 100
 61 145.6 0.0 299.0
 98 64.1 0.0 129.0

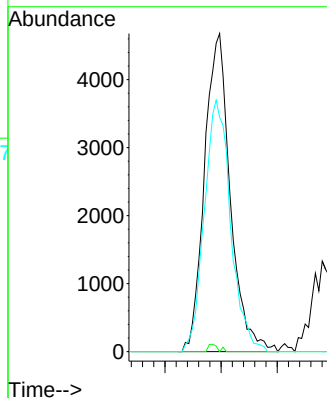
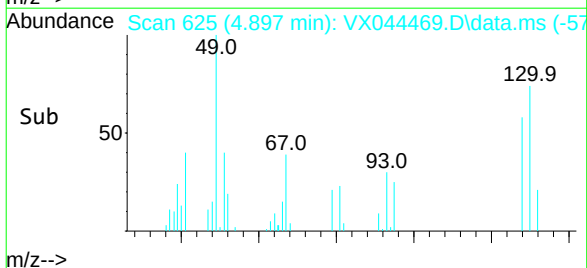
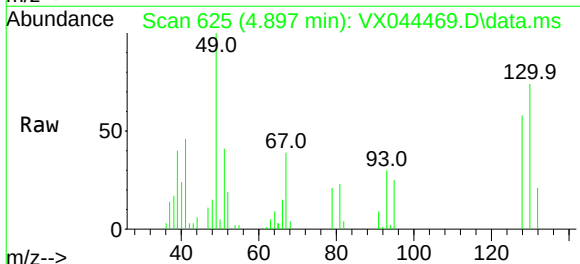
Manual Integrations
 APPROVED

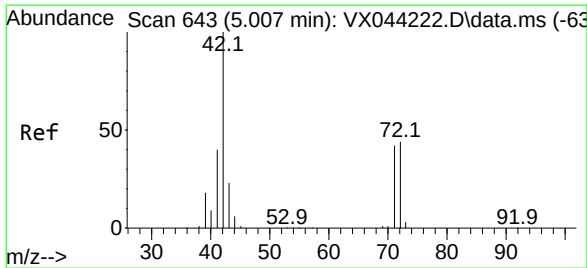
Reviewed By :John Carlone 12/26/2024
 Supervised By :Mahesh Dadoda 12/26/2024



#28
 Bromochloromethane
 Concen: 13.548 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.000 min
 Lab File: VX044469.D
 Acq: 23 Dec 2024 11:04

Tgt Ion: 49 Resp: 14914
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.2
 130 80.8 62.1 93.1





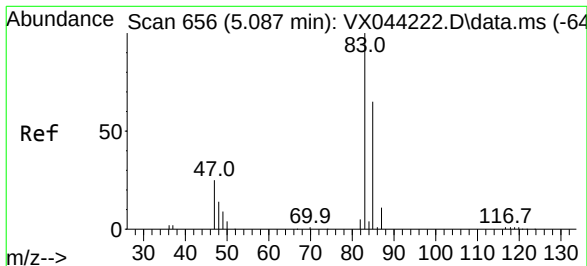
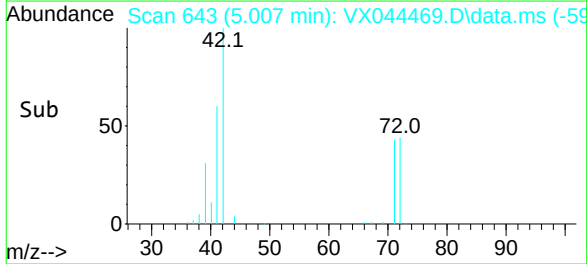
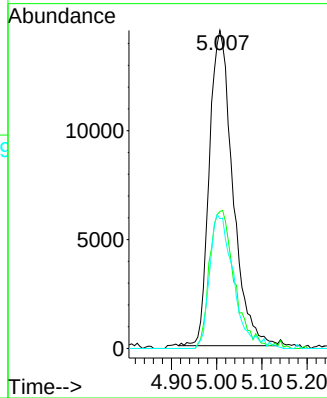
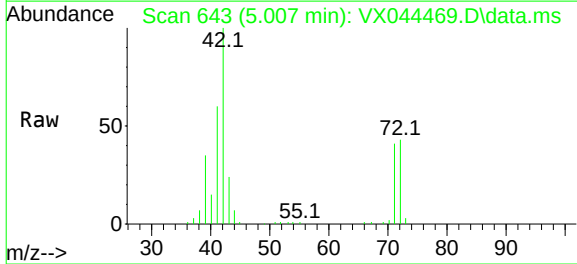
#29
Tetrahydrofuran
Concen: 83.576 ug/l
RT: 5.007 min Scan# 643
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tgt Ion: 42 Resp: 52223
Ion Ratio Lower Upper
42 100
72 46.4 37.0 55.6
71 43.5 33.6 50.4

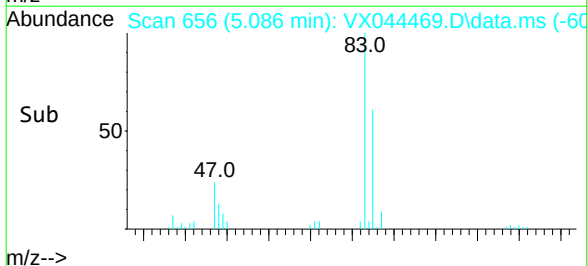
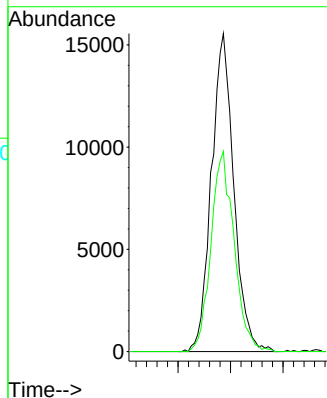
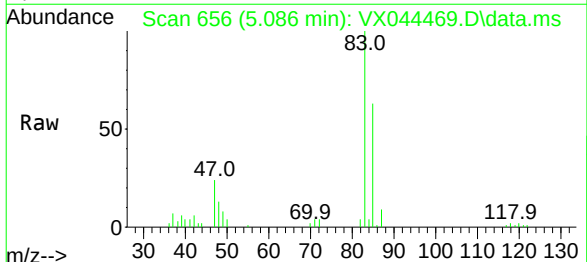
Manual Integrations
APPROVED

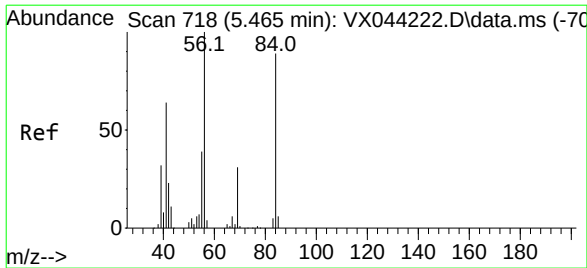
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#30
Chloroform
Concen: 18.243 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

Tgt Ion: 83 Resp: 46014
Ion Ratio Lower Upper
83 100
85 62.9 51.6 77.4





#31

Cyclohexane

Concen: 21.141 ug/l

RT: 5.452 min Scan# 71

Delta R.T. -0.012 min

Lab File: VX044469.D

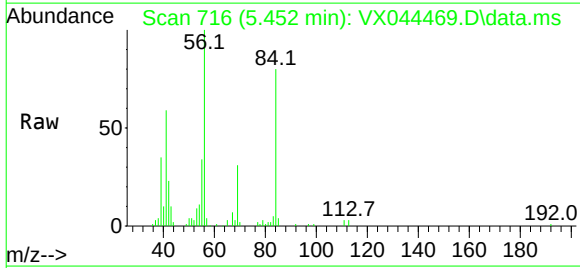
Acq: 23 Dec 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01



Tgt Ion: 56 Resp: 38325

Ion Ratio Lower Upper

56 100

69 30.8 24.7 37.1

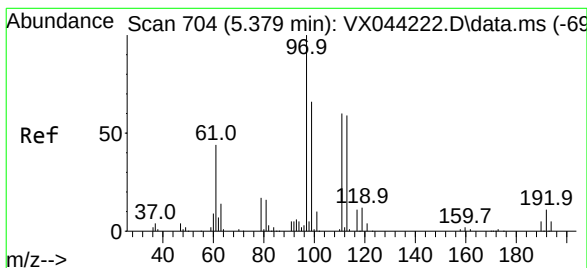
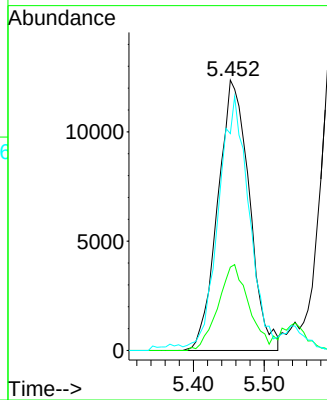
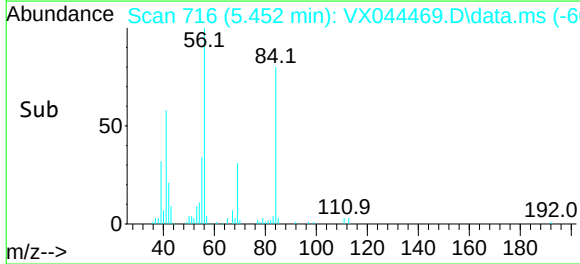
84 78.1 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#32

1,1,1-Trichloroethane

Concen: 19.813 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX044469.D

Acq: 23 Dec 2024 11:04

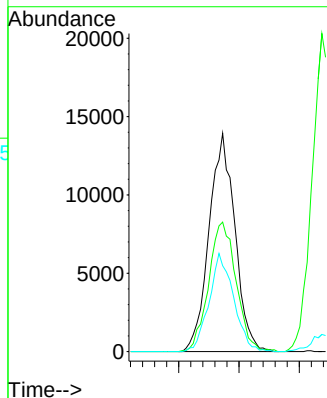
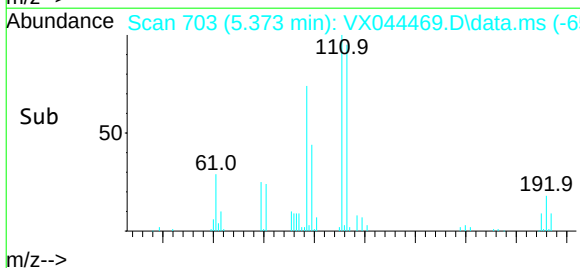
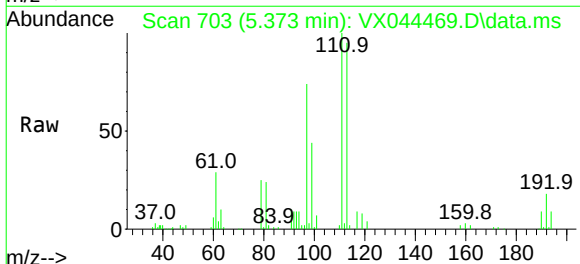
Tgt Ion: 97 Resp: 41484

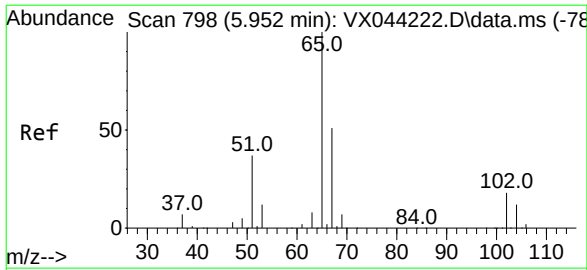
Ion Ratio Lower Upper

97 100

99 63.0 50.8 76.2

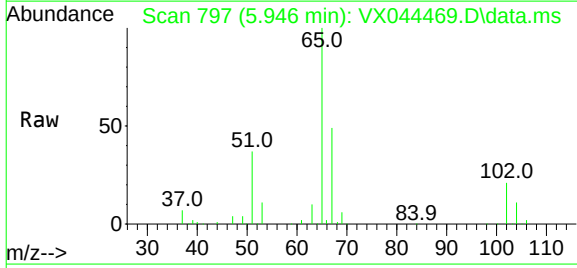
61 42.7 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 44.013 ug/l
RT: 5.946 min Scan# 79
Delta R.T. -0.006 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

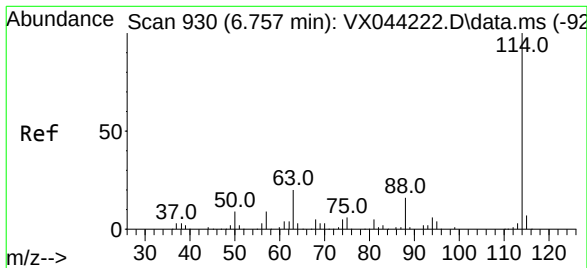
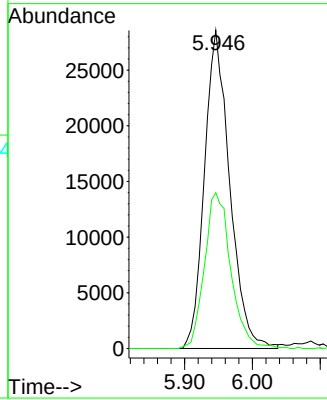
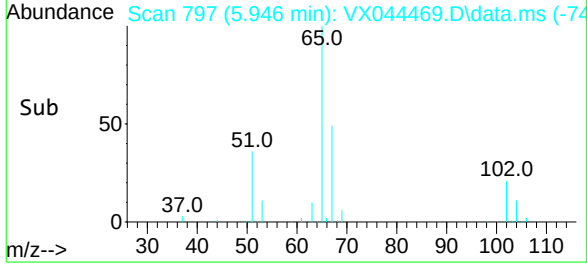
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01



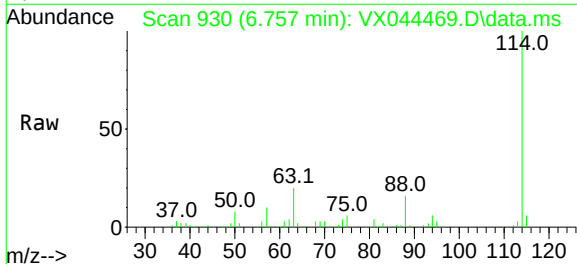
Tgt Ion: 65 Resp: 73927
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.6

Manual Integrations
APPROVED

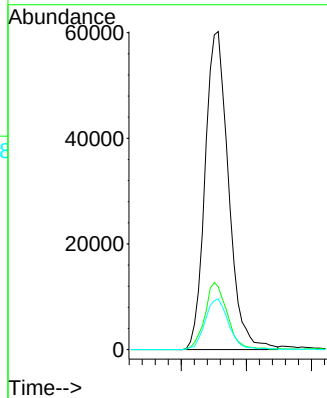
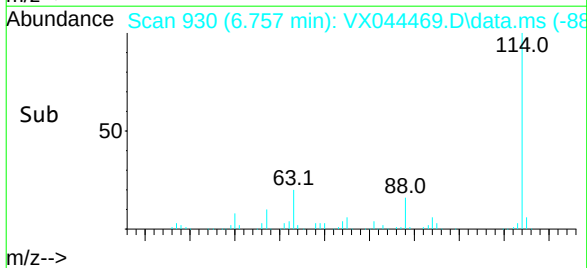
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

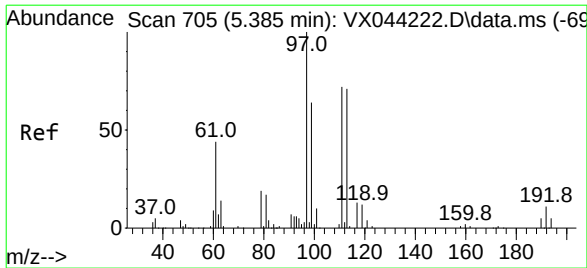


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04



Tgt Ion:114 Resp: 150710
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.6
88 16.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 54.188 ug/l

RT: 5.373 min Scan# 705

Delta R.T. -0.012 min

Lab File: VX044469.D

Acq: 23 Dec 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

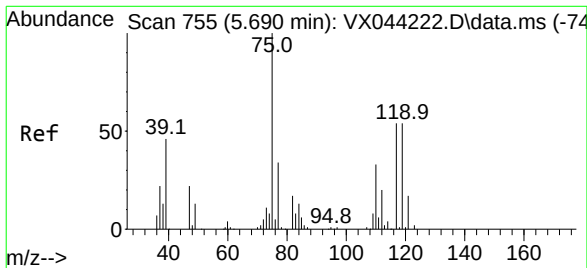
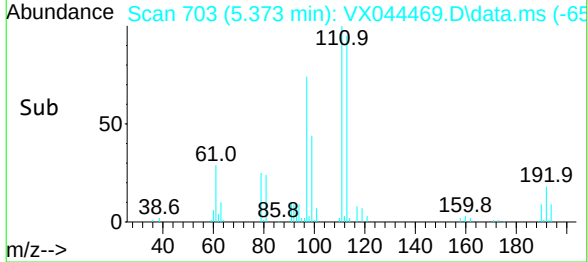
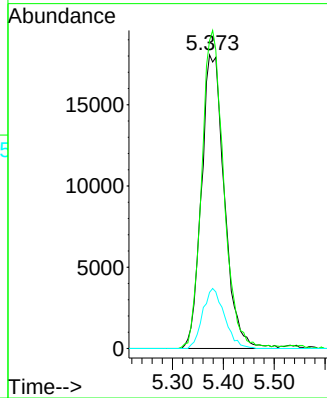
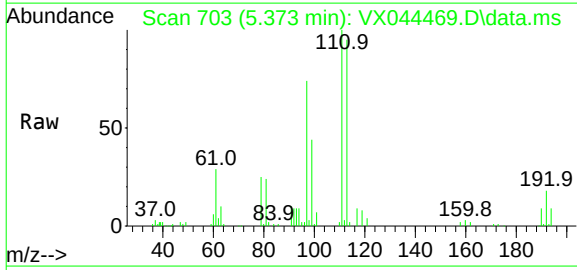
Tgt Ion:	113	Resp:	56562
Ion	Ratio	Lower	Upper
113	100		
111	104.2	80.4	120.6
192	19.5	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#36

1,1-Dichloropropene

Concen: 22.670 ug/l

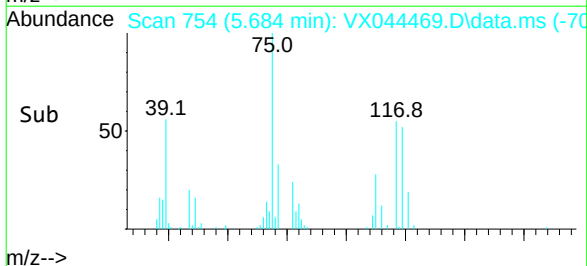
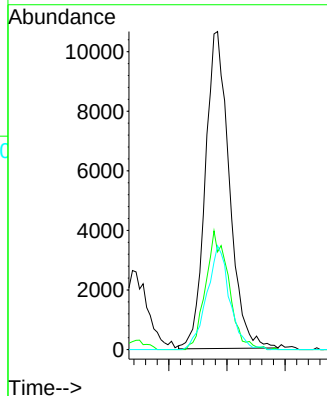
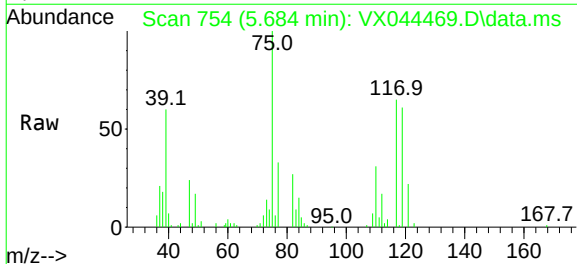
RT: 5.684 min Scan# 754

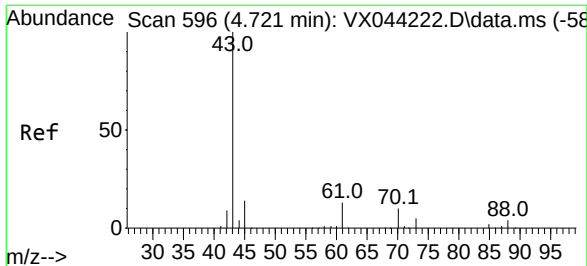
Delta R.T. -0.006 min

Lab File: VX044469.D

Acq: 23 Dec 2024 11:04

Tgt Ion:	75	Resp:	30587
Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.3	51.7
77	31.2	25.4	38.0





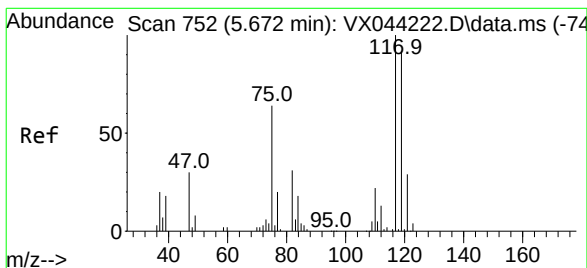
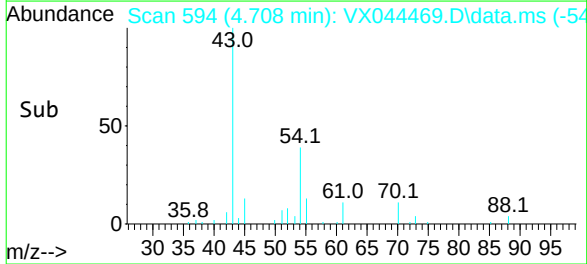
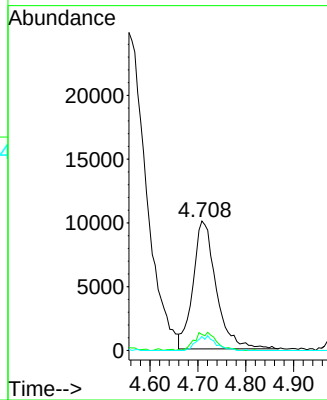
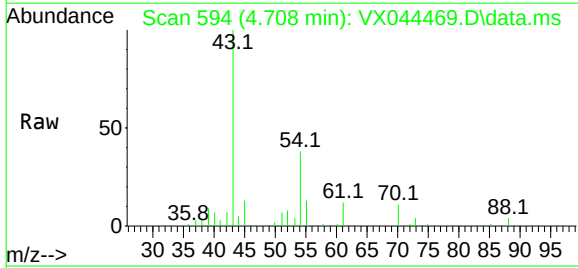
#37
Ethyl Acetate
Concen: 20.128 ug/l
RT: 4.708 min Scan# 596
Delta R.T. -0.012 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tgt Ion: 43 Resp: 33576
Ion Ratio Lower Upper
43 100
61 6.9 9.8 14.8#
70 9.5 7.7 11.5

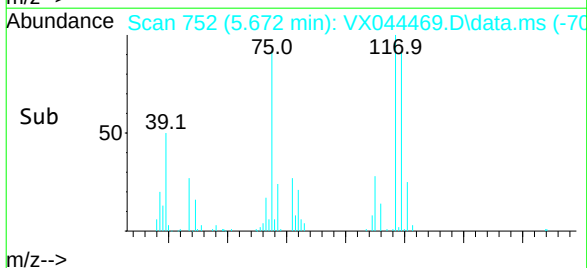
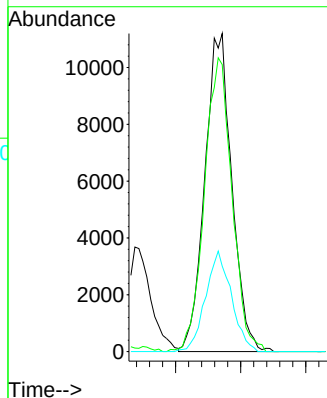
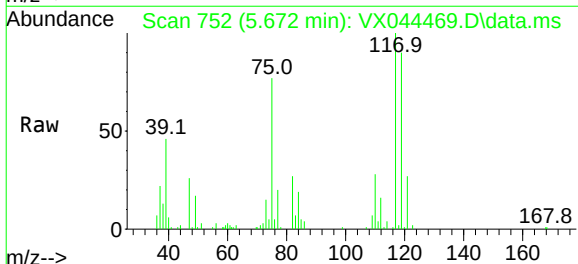
Manual Integrations
APPROVED

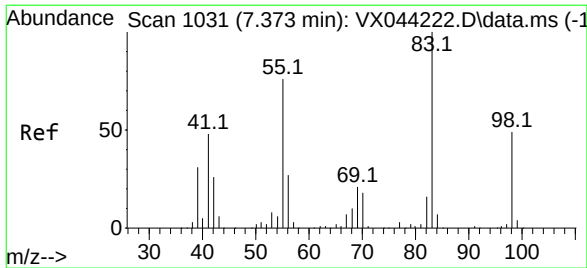
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#38
Carbon Tetrachloride
Concen: 22.245 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

Tgt Ion:117 Resp: 32313
Ion Ratio Lower Upper
117 100
119 90.2 74.2 111.4
121 26.9 23.0 34.6





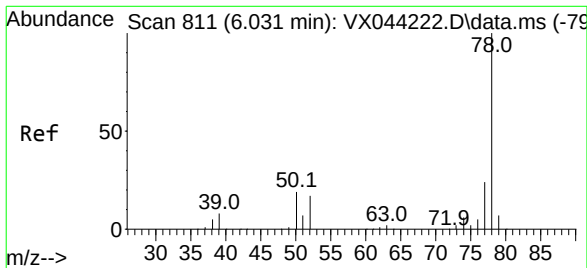
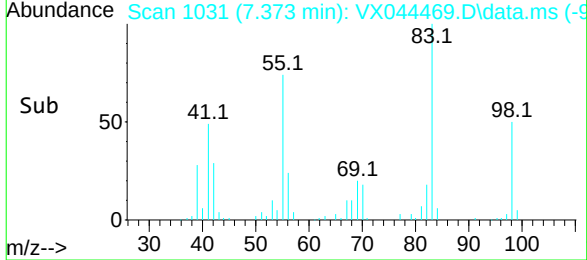
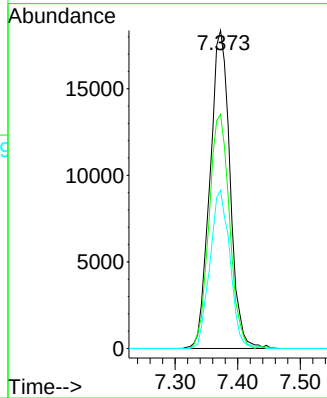
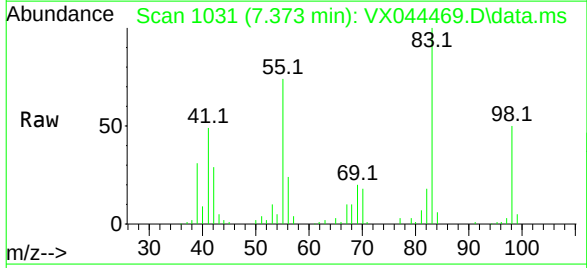
#39
Methylcyclohexane
Concen: 25.322 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tgt Ion: 83 Resp: 40845
Ion Ratio Lower Upper
83 100
55 73.6 60.7 91.1
98 49.7 38.9 58.3

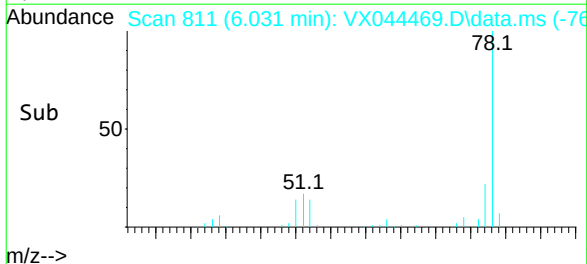
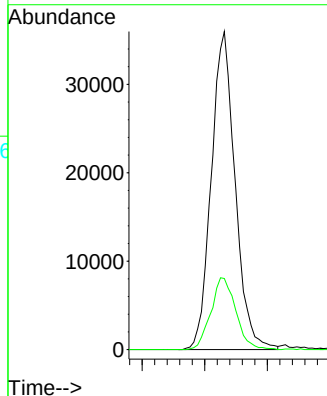
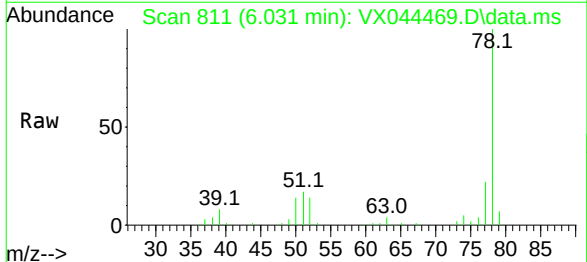
Manual Integrations
APPROVED

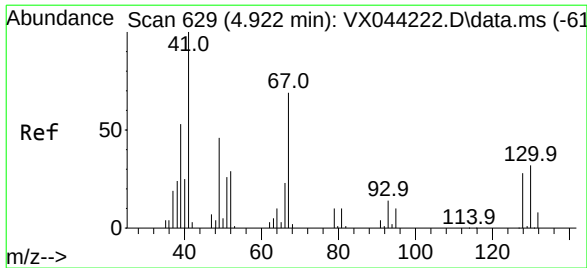
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#40
Benzene
Concen: 23.238 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

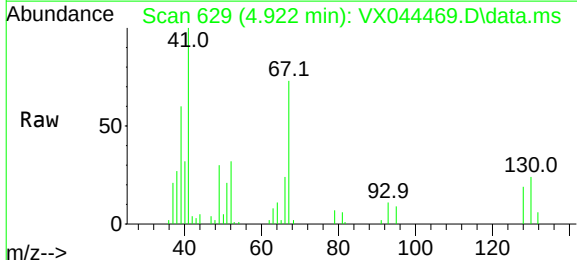
Tgt Ion: 78 Resp: 95198
Ion Ratio Lower Upper
78 100
77 22.4 19.3 28.9





#41
Methacrylonitrile
Concen: 19.516 ug/l
RT: 4.922 min Scan# 629
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

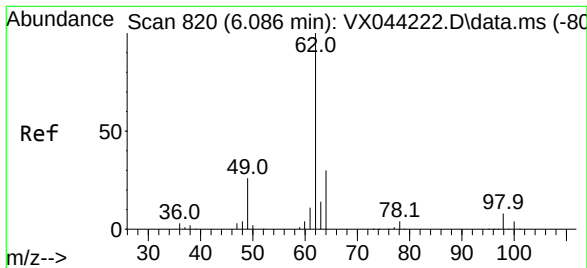
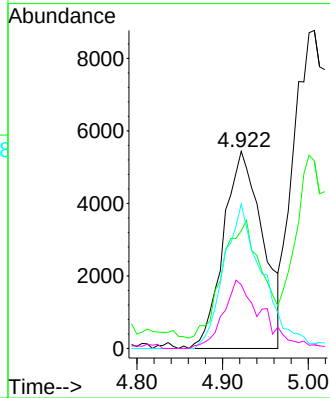
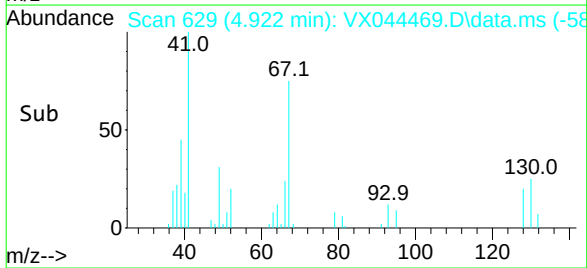
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01



Tgt Ion:	41	Resp:	17284
Ion	Ratio	Lower	Upper
41	100		
39	60.1	44.2	66.4
67	72.6	57.2	85.8
52	34.6	24.6	37.0

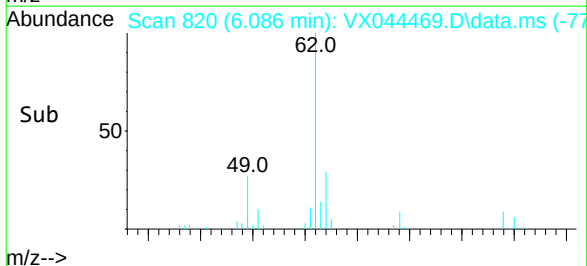
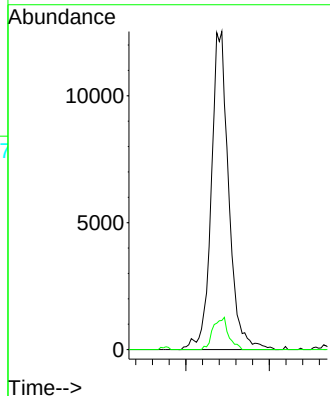
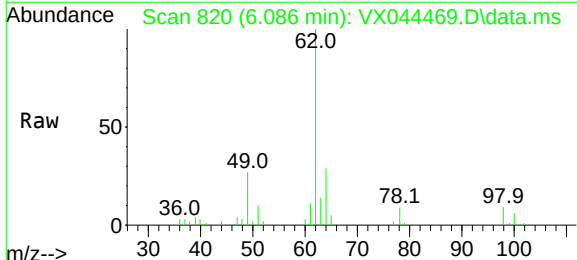
Manual Integrations
APPROVED

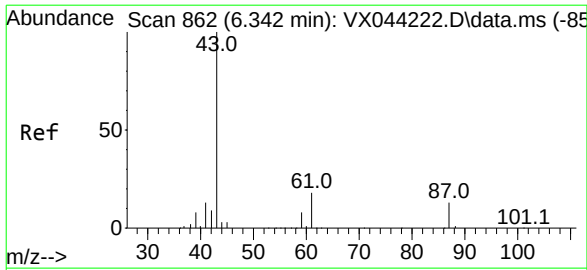
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#42
1,2-Dichloroethane
Concen: 21.589 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

Tgt Ion:	62	Resp:	36432
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	15.8





#43

Isopropyl Acetate

Concen: 19.640 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX044469.D

Acq: 23 Dec 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

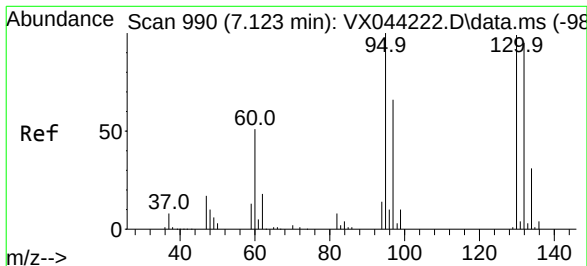
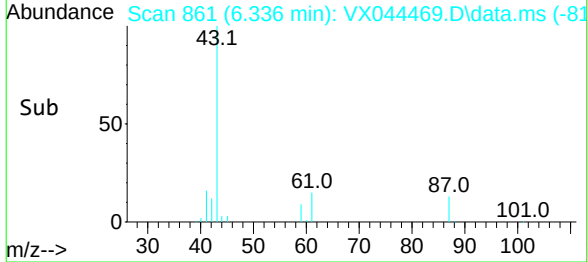
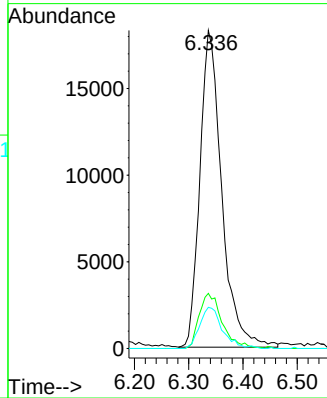
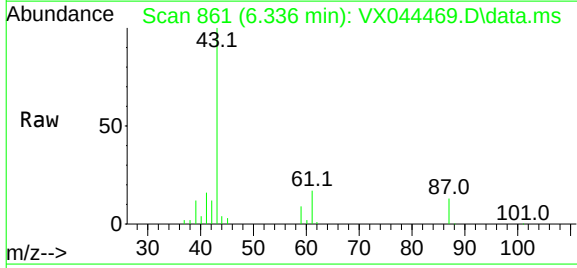
Tgt Ion:	43	Resp:	51199
Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.2	21.2
87	13.3	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#44

Trichloroethene

Concen: 23.933 ug/l

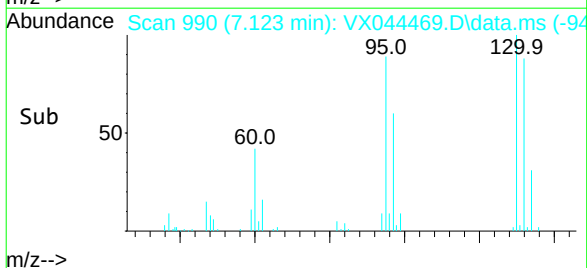
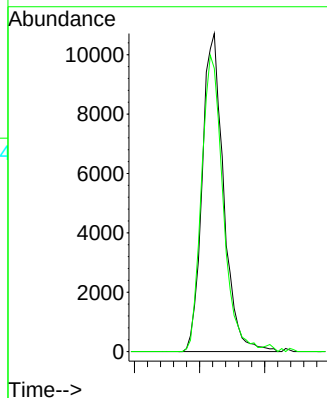
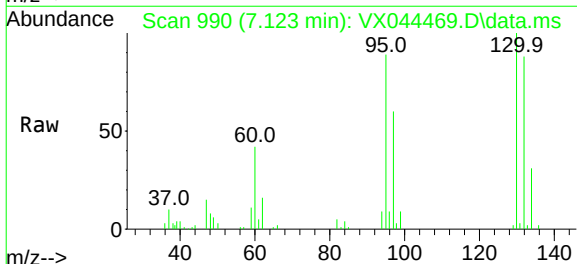
RT: 7.123 min Scan# 990

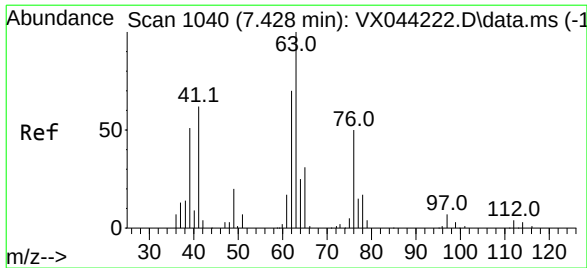
Delta R.T. -0.000 min

Lab File: VX044469.D

Acq: 23 Dec 2024 11:04

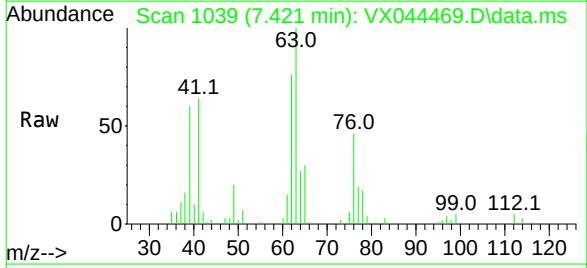
Tgt Ion:	130	Resp:	24449
Ion	Ratio	Lower	Upper
130	100		
95	89.0	0.0	201.4





#45
1,2-Dichloropropane
Concen: 21.806 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

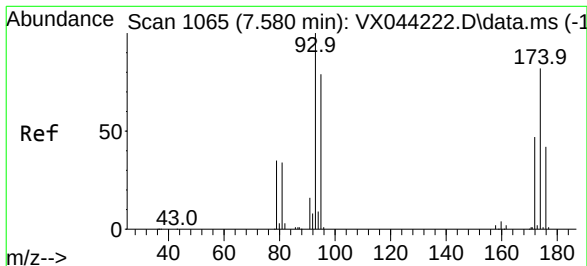
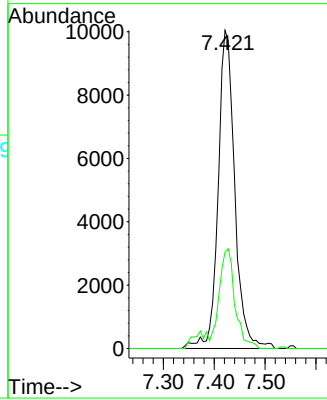
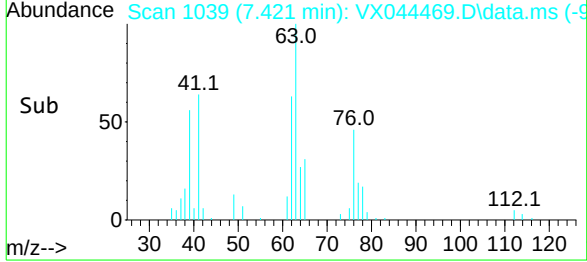
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01



Tgt Ion: 63 Resp: 22822
Ion Ratio Lower Upper
63 100
65 30.4 24.6 37.0

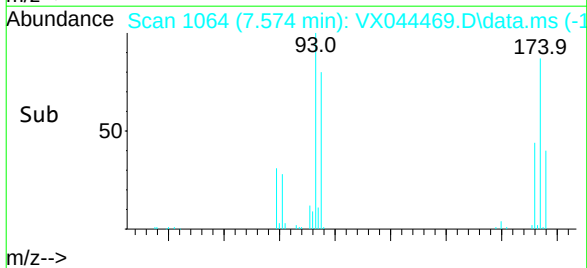
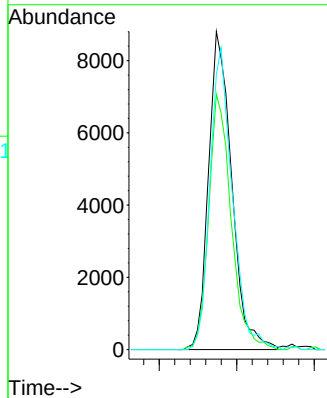
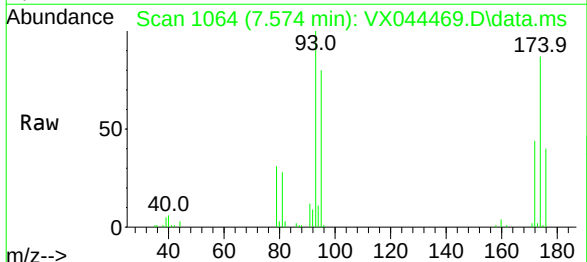
Manual Integrations
APPROVED

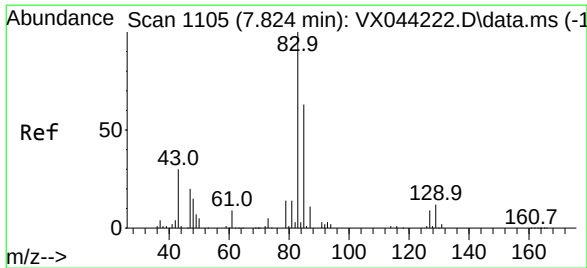
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#46
Dibromomethane
Concen: 22.574 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

Tgt Ion: 93 Resp: 18329
Ion Ratio Lower Upper
93 100
95 77.5 65.4 98.2
174 91.8 67.9 101.9





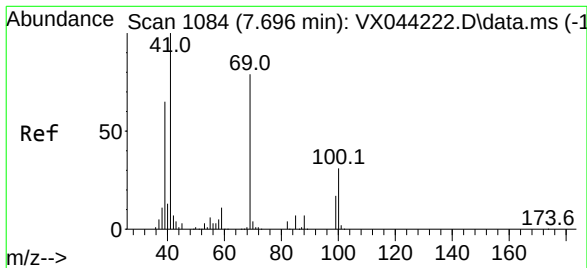
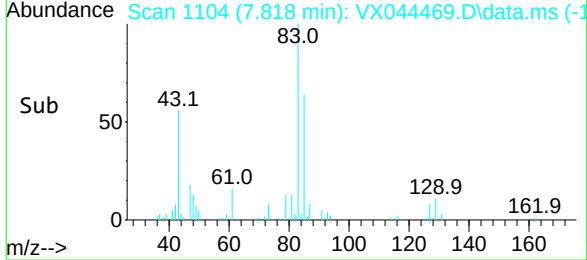
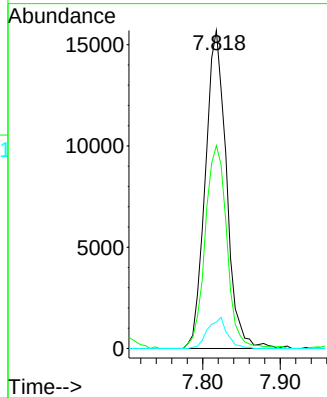
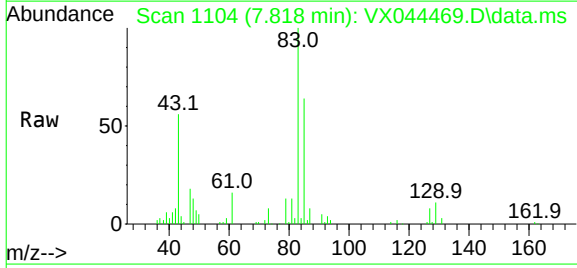
#47
Bromodichloromethane
Concen: 21.193 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tgt Ion:	83	Resp:	29719
Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.6	75.8
127	8.3	7.3	10.9

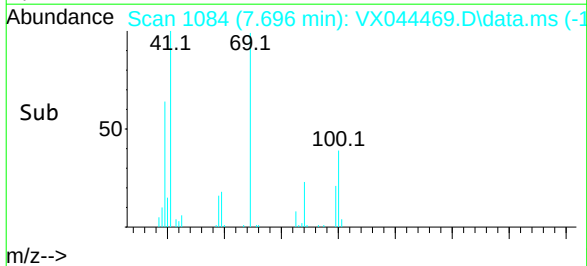
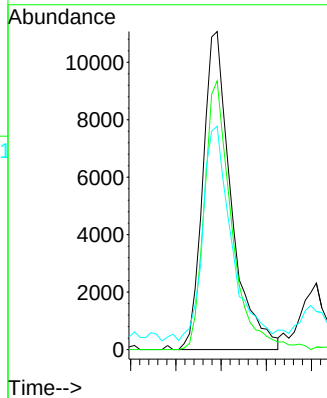
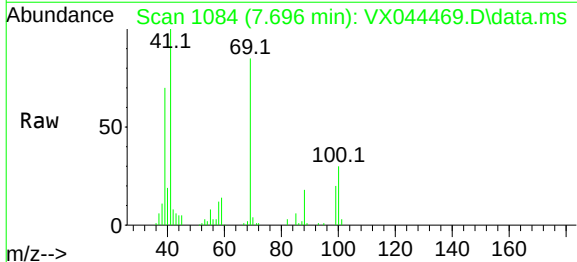
Manual Integrations
APPROVED

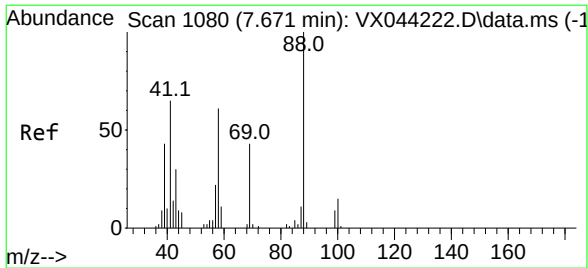
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#48
Methyl methacrylate
Concen: 19.060 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

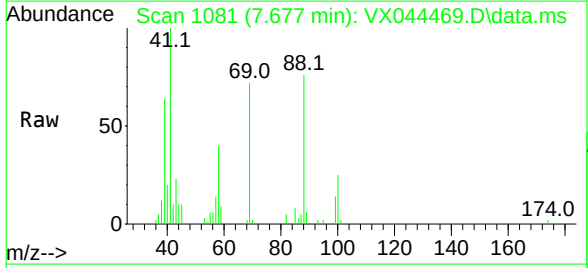
Tgt Ion:	41	Resp:	24119
Ion	Ratio	Lower	Upper
41	100		
69	81.3	62.4	93.6
39	68.3	53.3	79.9





#49
1,4-Dioxane
Concen: 450.519 ug/l
RT: 7.677 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

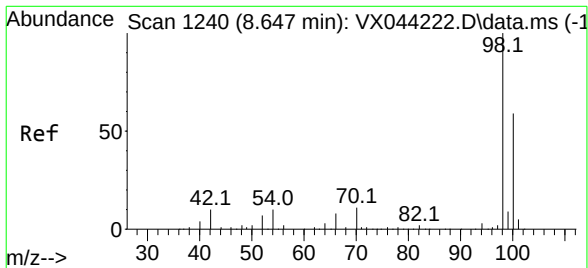
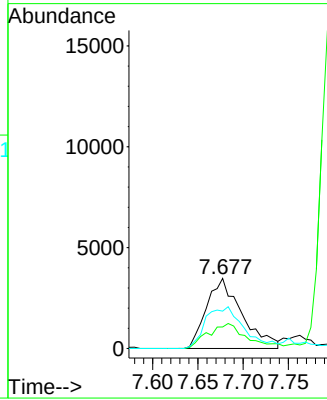
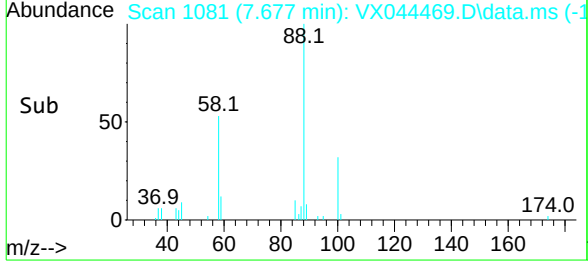
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01



Tgt Ion: 88 Resp: 9452
Ion Ratio Lower Upper
88 100
43 39.1 27.1 40.7
58 64.8 41.0 61.4

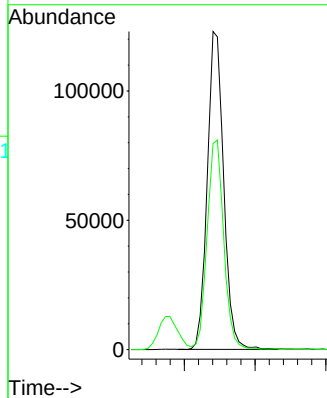
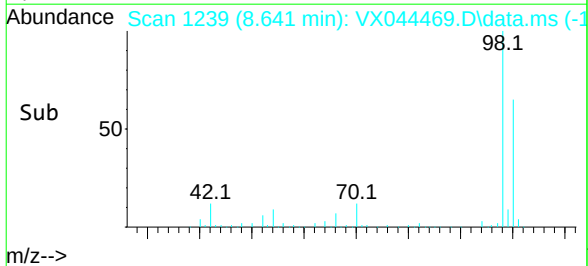
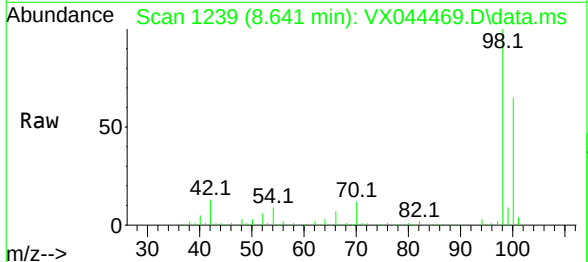
Manual Integrations
APPROVED

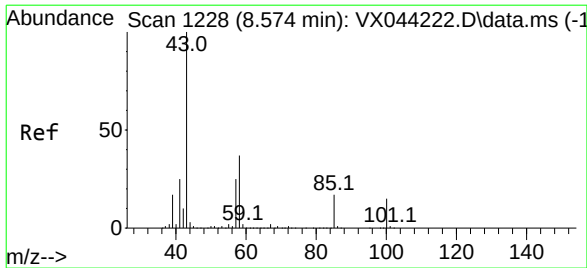
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#50
Toluene-d8
Concen: 56.235 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

Tgt Ion: 98 Resp: 198030
Ion Ratio Lower Upper
98 100
100 66.3 51.5 77.3





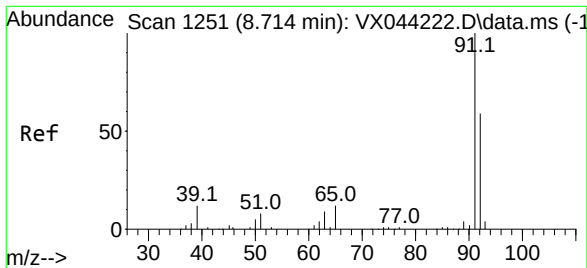
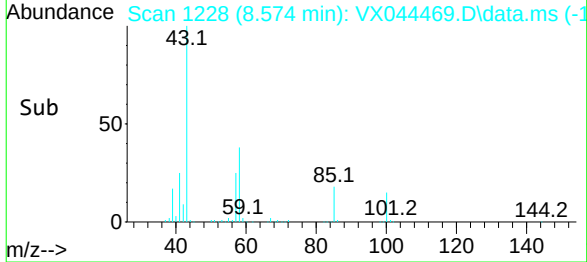
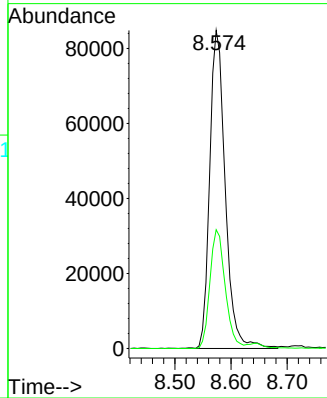
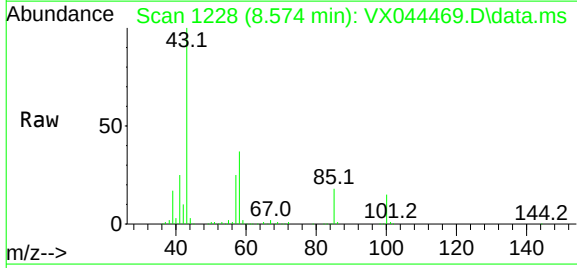
#51
4-Methyl-2-Pentanone
Concen: 97.476 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tgt Ion: 43 Resp: 163383
Ion Ratio Lower Upper
43 100
58 36.6 29.4 44.0

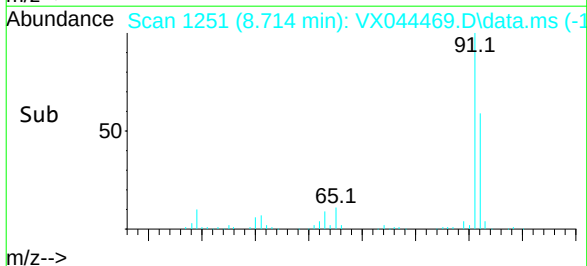
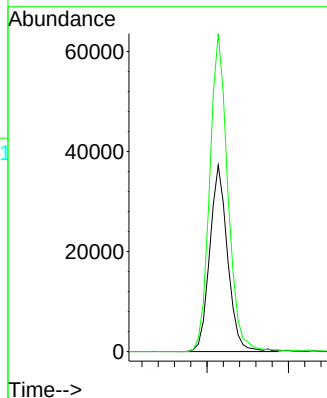
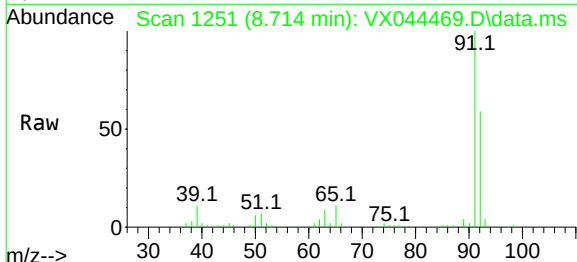
Manual Integrations
APPROVED

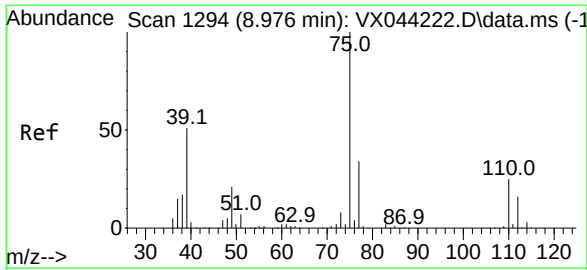
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#52
Toluene
Concen: 22.108 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

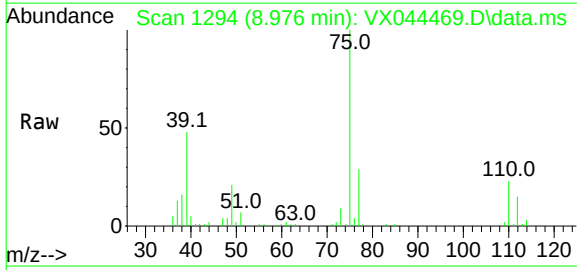
Tgt Ion: 92 Resp: 56873
Ion Ratio Lower Upper
92 100
91 173.5 137.0 205.6





#53
t-1,3-Dichloropropene
Concen: 19.736 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

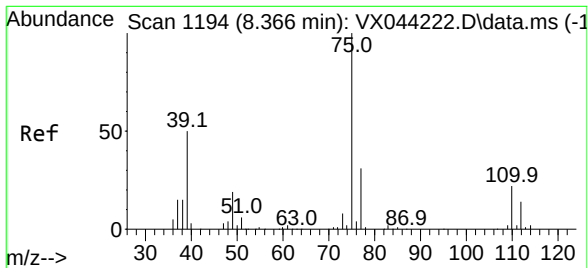
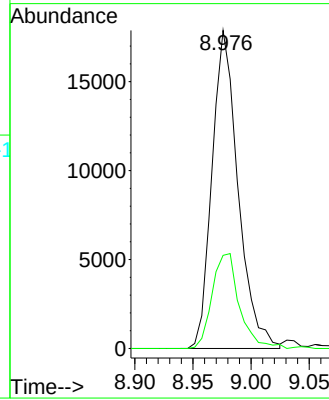
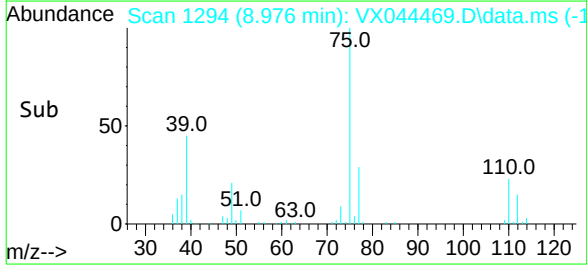
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01



Tgt Ion: 75 Resp: 27893
Ion Ratio Lower Upper
75 100
77 29.3 27.2 40.8

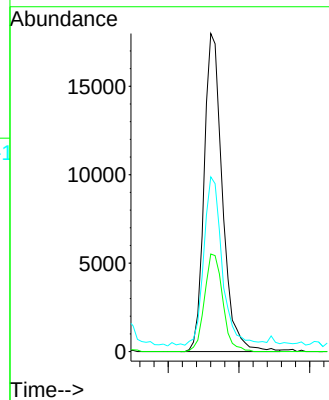
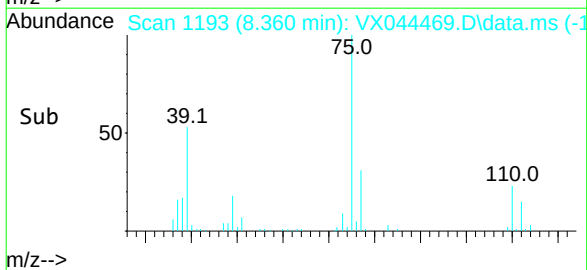
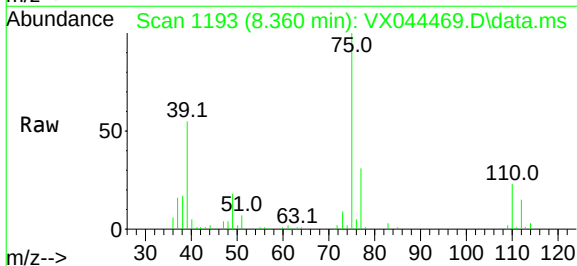
Manual Integrations
APPROVED

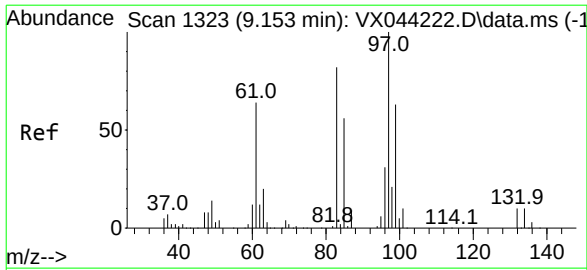
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#54
cis-1,3-Dichloropropene
Concen: 21.192 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

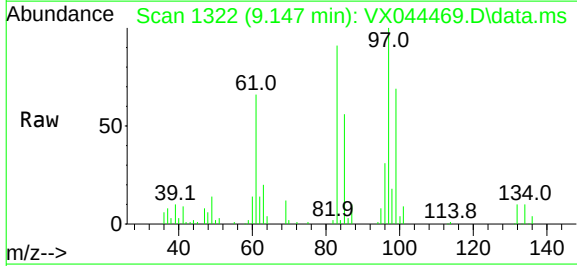
Tgt Ion: 75 Resp: 32357
Ion Ratio Lower Upper
75 100
77 30.7 24.7 37.1
39 52.5 40.3 60.5





#55
1,1,2-Trichloroethane
Concen: 22.615 ug/l
RT: 9.147 min Scan# 1312
Delta R.T. -0.006 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

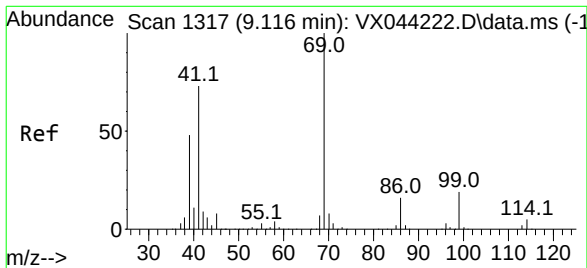
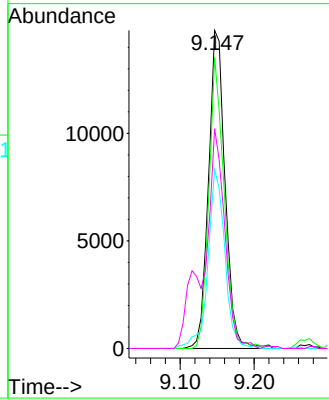
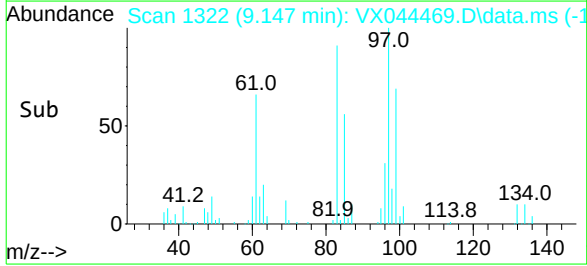
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01



Tgt Ion:	97	Resp:	23112
Ion	Ratio	Lower	Upper
97	100		
83	91.5	65.3	97.9
85	56.2	44.6	67.0
99	68.4	50.2	75.2

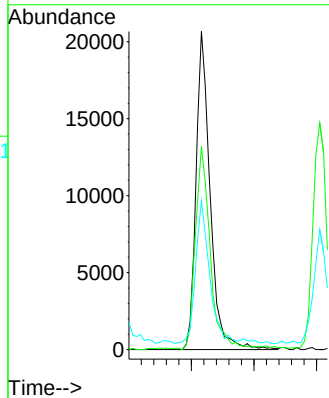
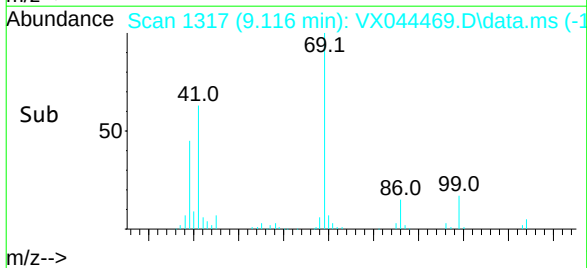
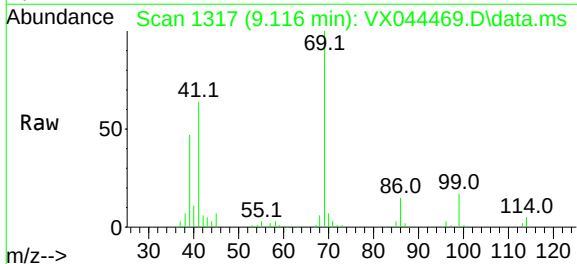
Manual Integrations
APPROVED

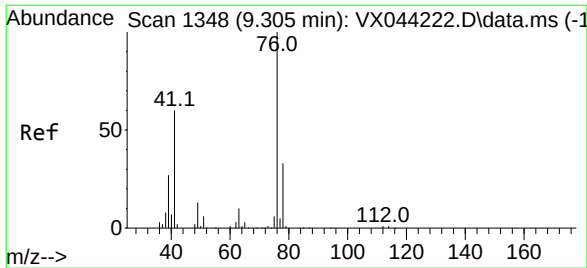
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#56
Ethyl methacrylate
Concen: 20.051 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

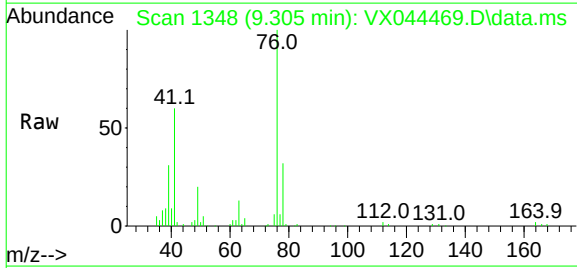
Tgt Ion:	69	Resp:	32351
Ion	Ratio	Lower	Upper
69	100		
41	65.5	56.6	85.0
39	44.7	37.4	56.0





#57
1,3-Dichloropropane
Concen: 21.618 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

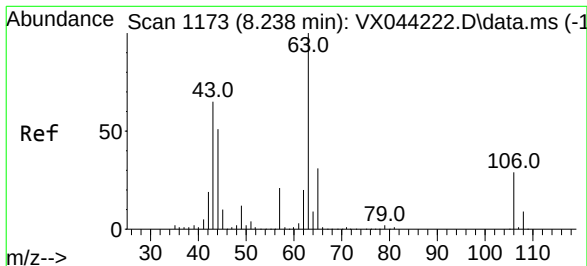
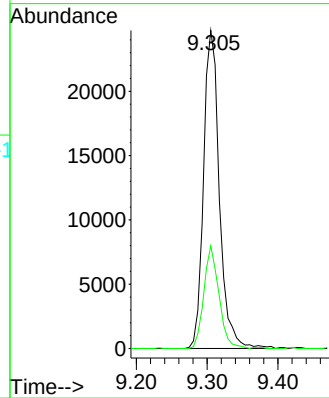
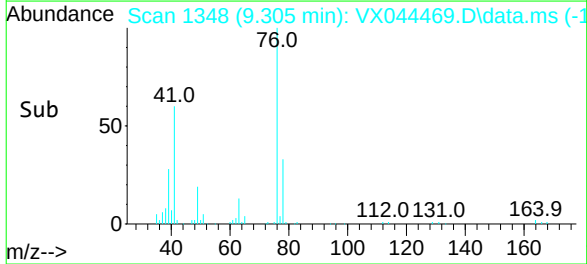
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01



Tgt Ion: 76 Resp: 38455
Ion Ratio Lower Upper
76 100
78 30.7 26.5 39.7

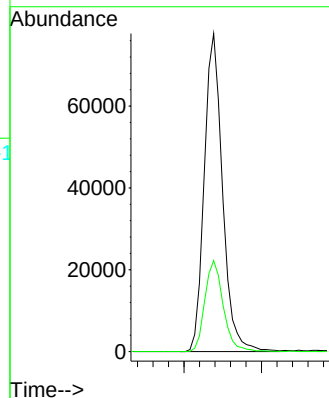
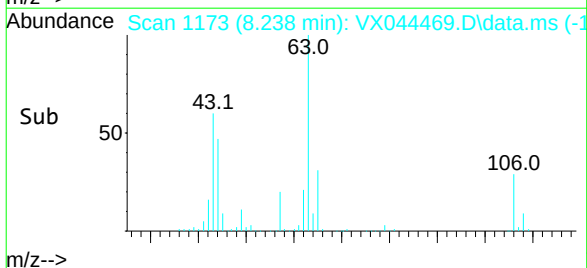
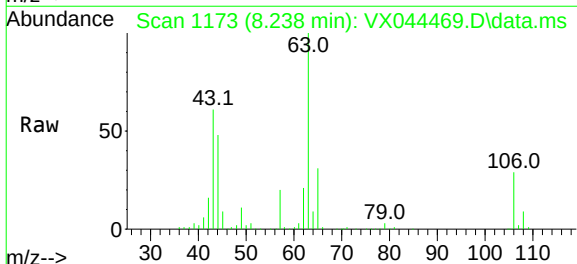
Manual Integrations
APPROVED

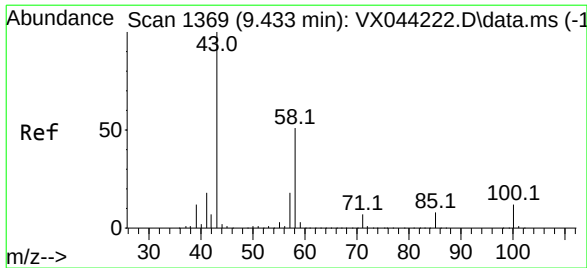
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#58
2-Chloroethyl Vinyl ether
Concen: 156.417 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

Tgt Ion: 63 Resp: 127285
Ion Ratio Lower Upper
63 100
106 28.8 22.8 34.2





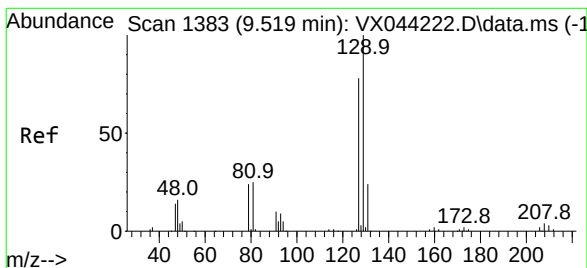
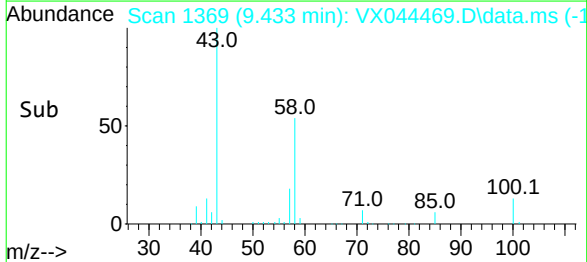
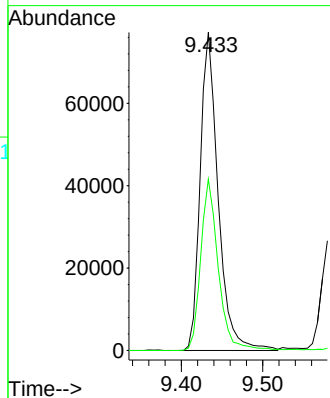
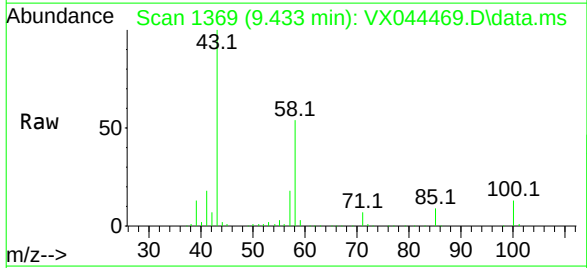
#59
2-Hexanone
Concen: 97.567 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tgt Ion: 43 Resp: 118371
Ion Ratio Lower Upper
43 100
58 52.7 25.7 77.0

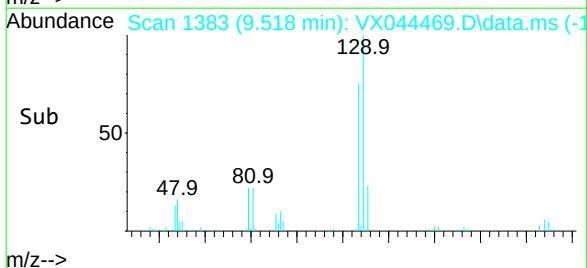
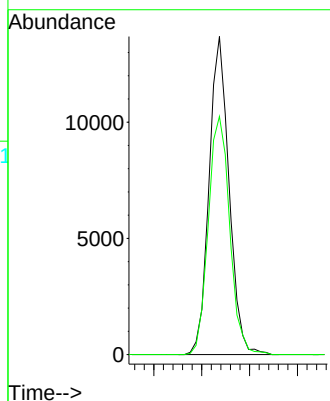
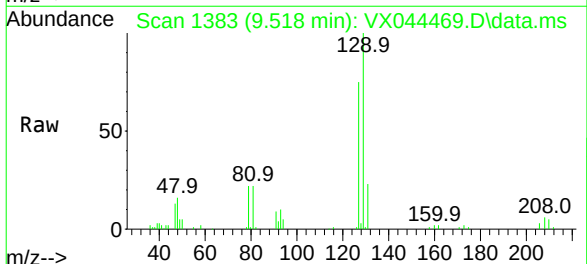
Manual Integrations
APPROVED

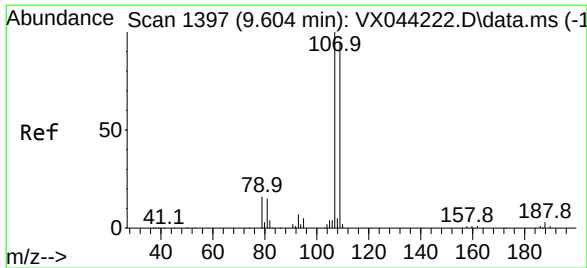
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#60
Dibromochloromethane
Concen: 19.577 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

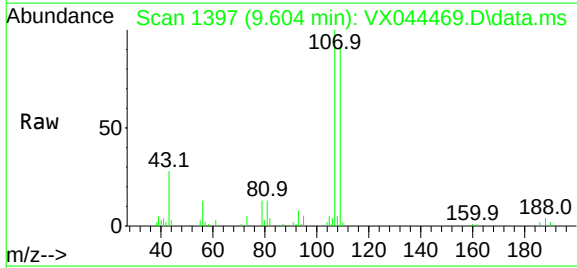
Tgt Ion:129 Resp: 19798
Ion Ratio Lower Upper
129 100
127 80.4 38.5 115.3





#61
1,2-Dibromoethane
Concen: 21.936 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

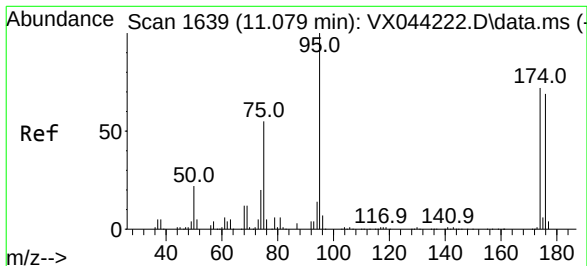
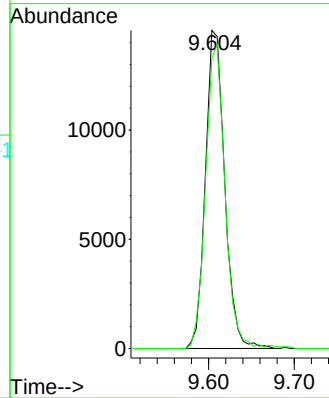
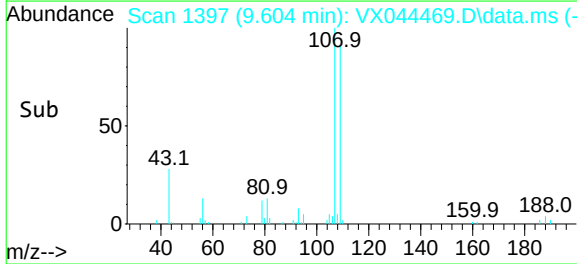
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01



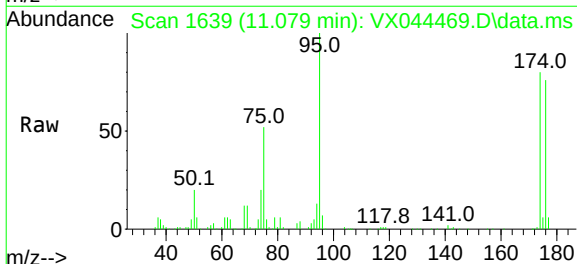
Tgt Ion: 107 Resp: 22820
Ion Ratio Lower Upper
107 100
109 96.8 77.0 115.4

Manual Integrations
APPROVED

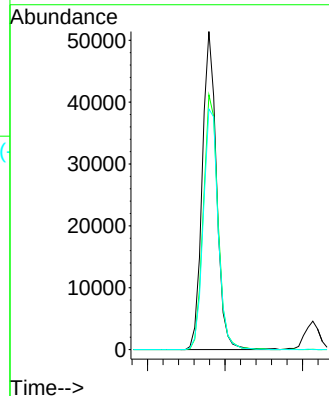
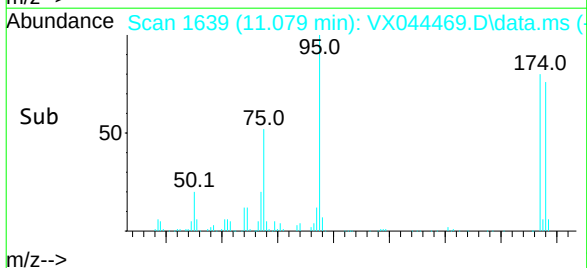
Reviewed By : John Carlone 12/26/2024
Supervised By : Mahesh Dadoda 12/26/2024

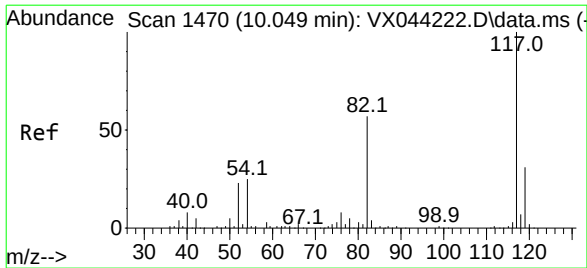


#62
4-Bromofluorobenzene
Concen: 53.447 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04



Tgt Ion: 95 Resp: 65766
Ion Ratio Lower Upper
95 100
174 82.2 0.0 145.8
176 78.9 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044469.D

Acq: 23 Dec 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

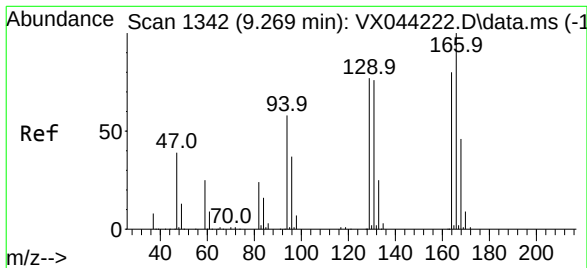
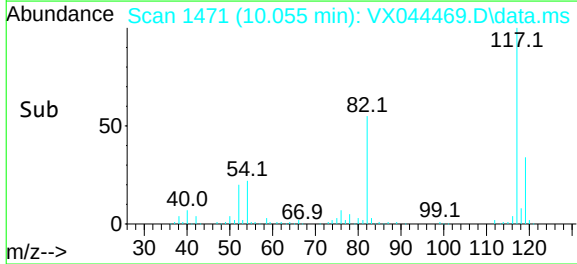
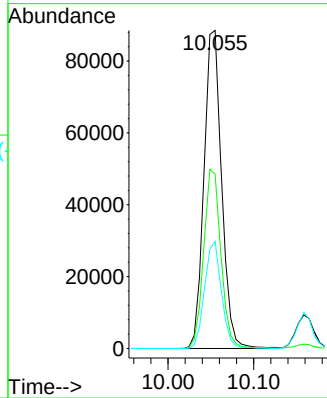
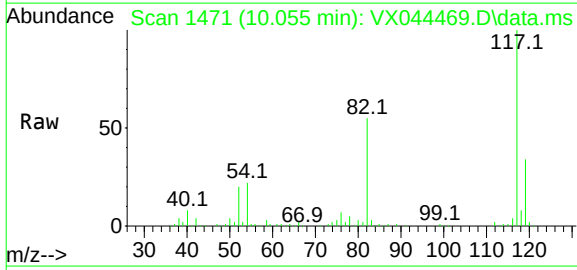
Tgt Ion:	117	Resp:	126811
Ion	Ratio	Lower	Upper
117	100		
82	54.8	45.8	68.8
119	33.7	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#64

Tetrachloroethene

Concen: 26.525 ug/l

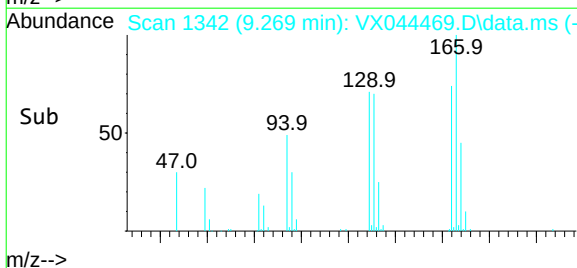
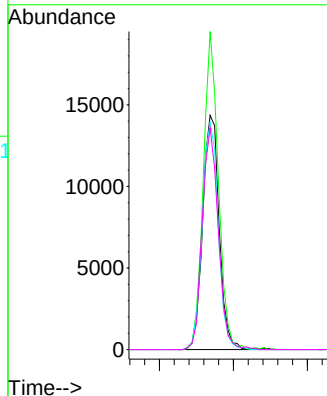
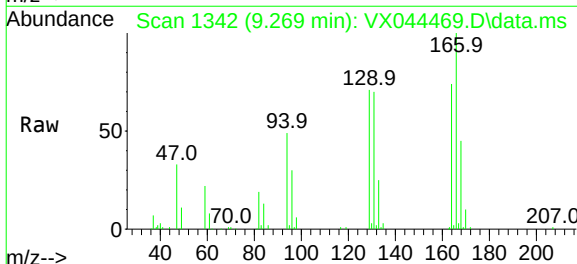
RT: 9.269 min Scan# 1342

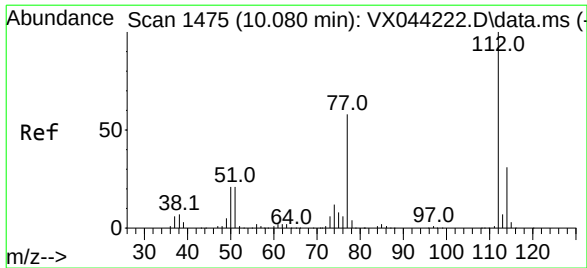
Delta R.T. -0.000 min

Lab File: VX044469.D

Acq: 23 Dec 2024 11:04

Tgt Ion:	164	Resp:	22325
Ion	Ratio	Lower	Upper
164	100		
166	135.8	100.4	150.6
129	96.9	77.2	115.8
131	94.6	76.2	114.2





#65

Chlorobenzene

Concen: 22.871 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX044469.D

Acq: 23 Dec 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

Tgt Ion:112 Resp: 62148

Ion Ratio Lower Upper

112 100

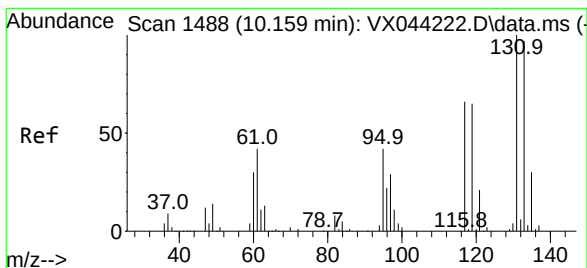
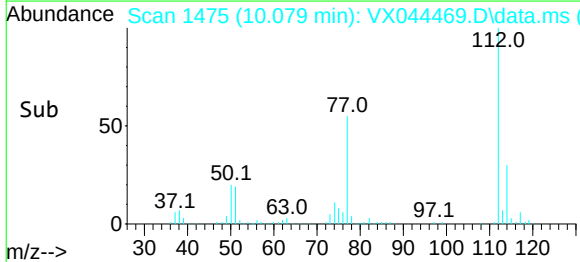
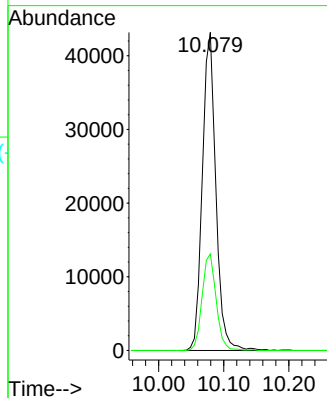
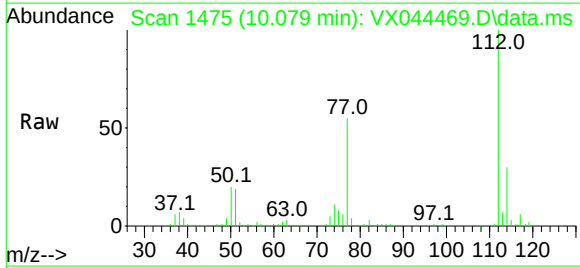
114 30.4 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 23.120 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX044469.D

Acq: 23 Dec 2024 11:04

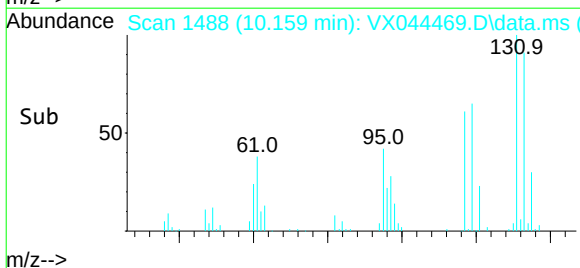
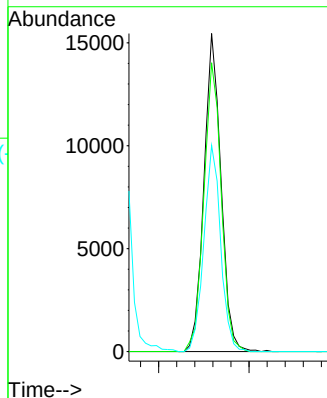
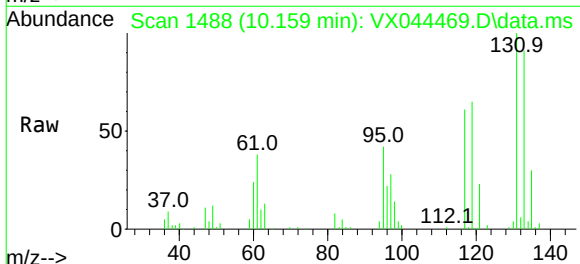
Tgt Ion:131 Resp: 20191

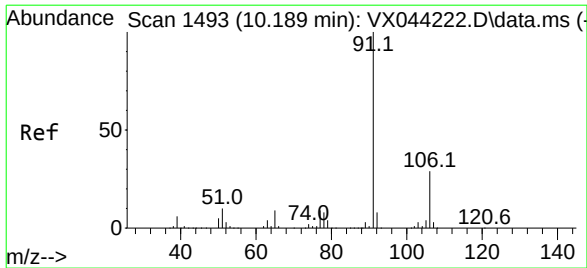
Ion Ratio Lower Upper

131 100

133 92.4 47.3 141.8

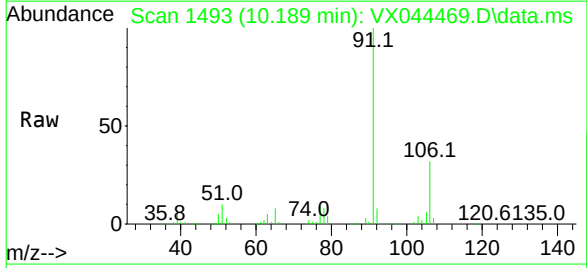
119 64.0 31.6 95.0





#67
Ethyl Benzene
Concen: 21.919 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

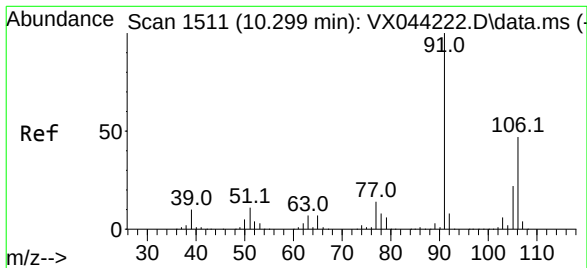
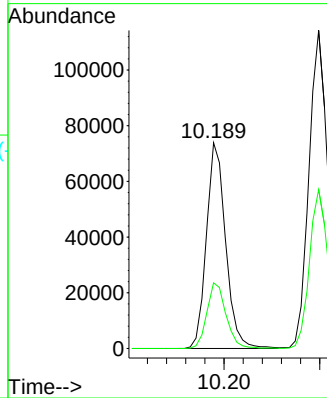
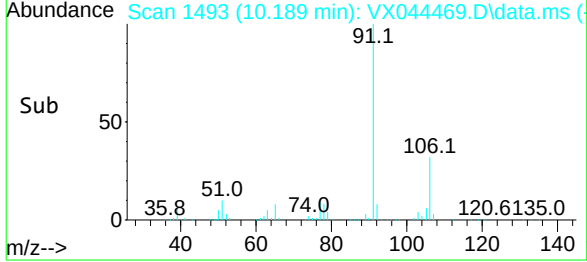
Instrument : MSVOA_X
ClientSampleId : VX1223WBS01



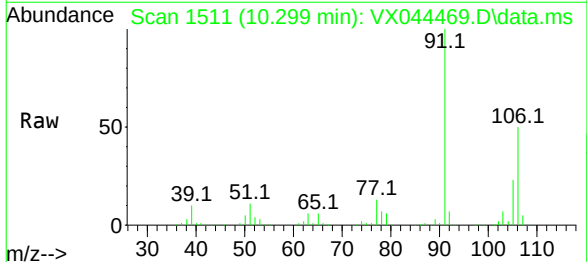
Tgt Ion: 91 Resp: 102912
Ion Ratio Lower Upper
91 100
106 31.9 23.5 35.3

Manual Integrations
APPROVED

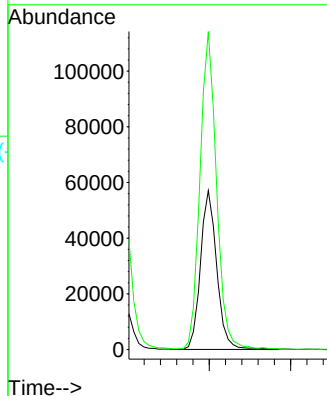
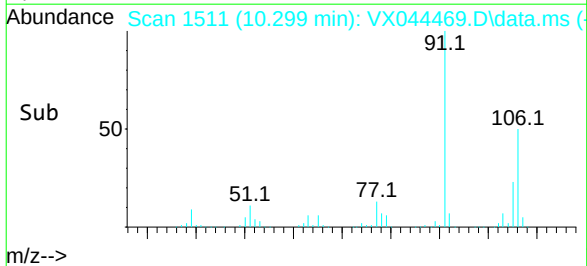
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

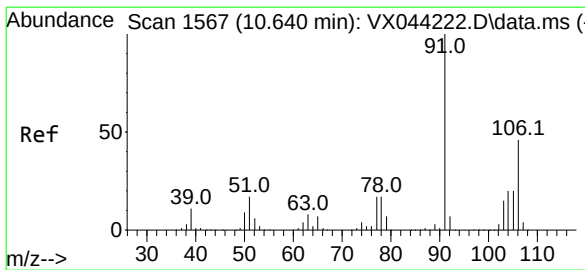


#68
m/p-Xylenes
Concen: 45.884 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04



Tgt Ion:106 Resp: 79048
Ion Ratio Lower Upper
106 100
91 201.4 170.2 255.2





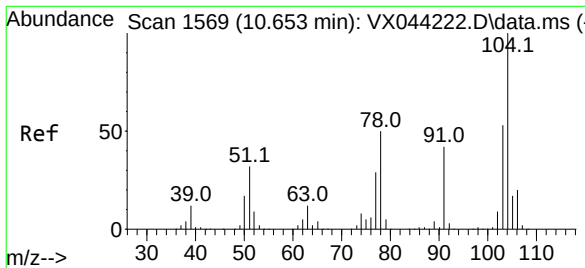
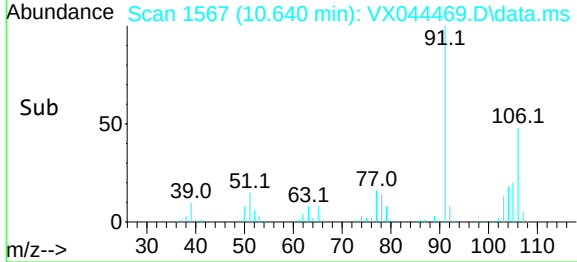
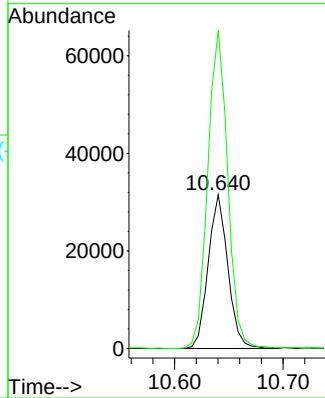
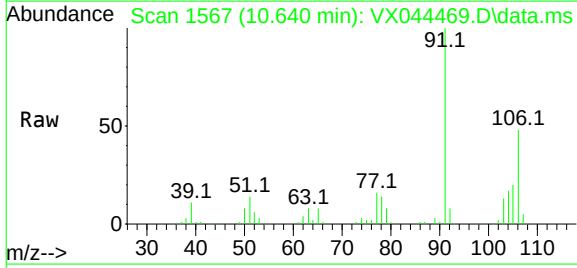
#69
o-Xylene
Concen: 22.757 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tgt Ion:106 Resp: 39669
Ion Ratio Lower Upper
106 100
91 211.0 112.3 337.0

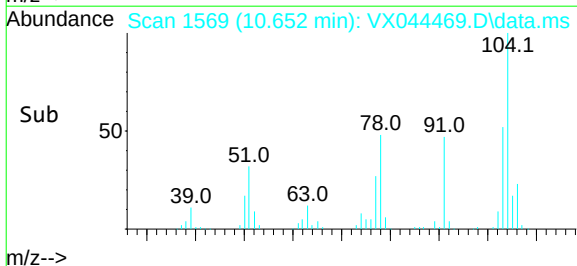
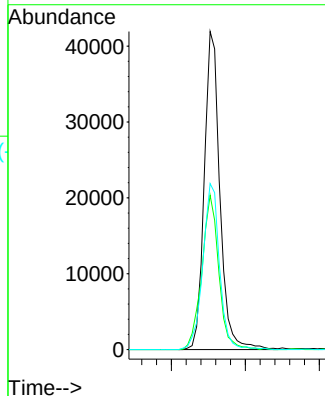
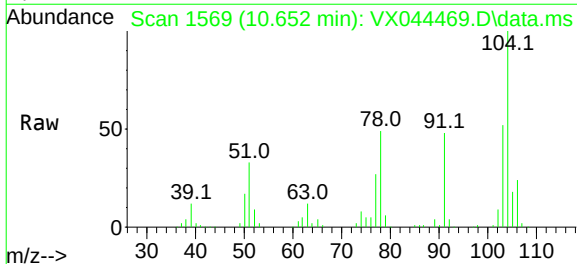
Manual Integrations
APPROVED

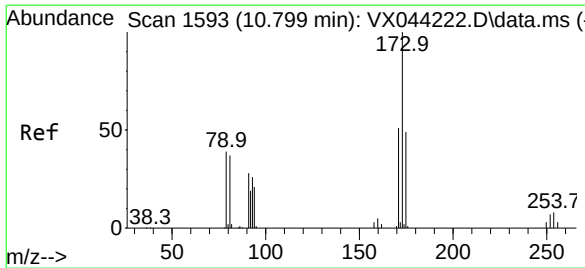
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#70
Styrene
Concen: 22.042 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

Tgt Ion:104 Resp: 61594
Ion Ratio Lower Upper
104 100
78 52.7 44.6 67.0
103 55.9 45.4 68.0





#71

Bromoform

Concen: 21.588 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044469.D

Acq: 23 Dec 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

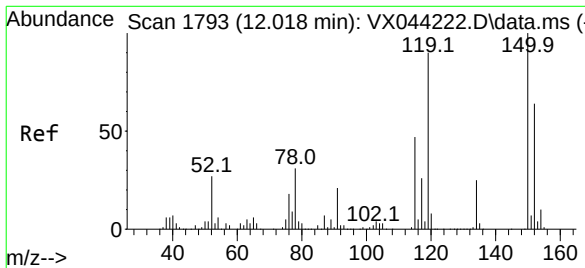
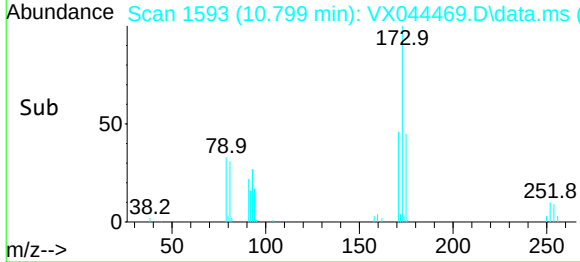
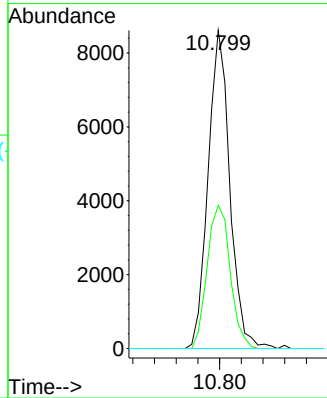
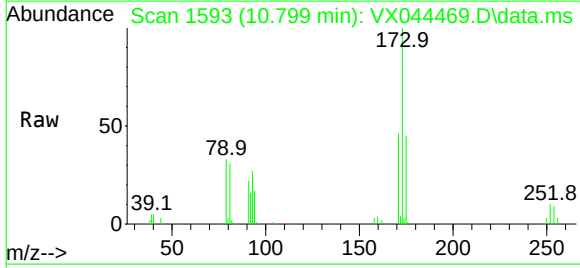
Tgt Ion:	173	Resp:	11959
Ion Ratio	Lower	Upper	
173	100		
175	47.7	23.8	71.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

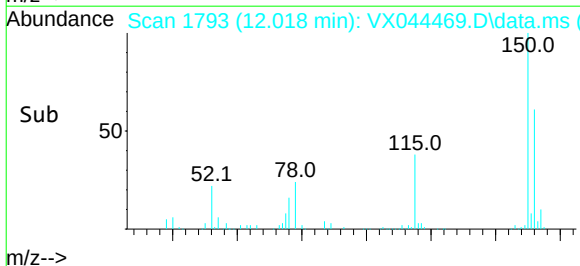
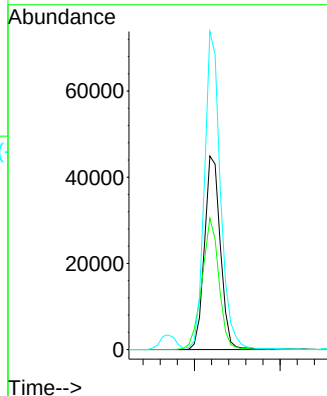
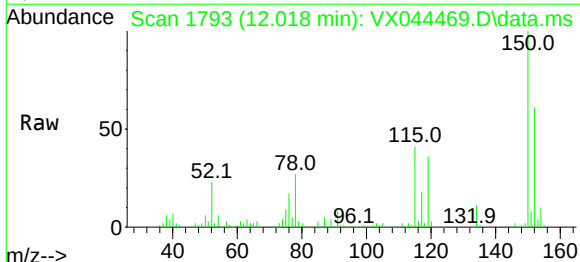
RT: 12.018 min Scan# 1793

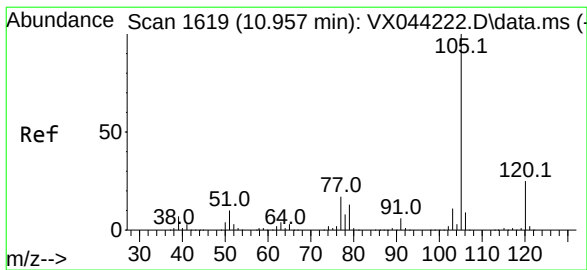
Delta R.T. -0.000 min

Lab File: VX044469.D

Acq: 23 Dec 2024 11:04

Tgt Ion:	152	Resp:	57944
Ion Ratio	Lower	Upper	
152	100		
115	72.5	44.5	133.3
150	164.1	0.0	353.8





#73

Isopropylbenzene

Concen: 23.041 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX044469.D

Acq: 23 Dec 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

Tgt Ion: 105 Resp: 102207

Ion Ratio Lower Upper

105 100

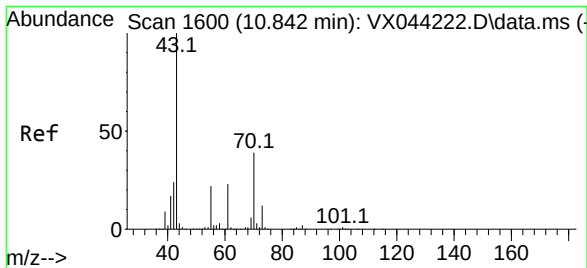
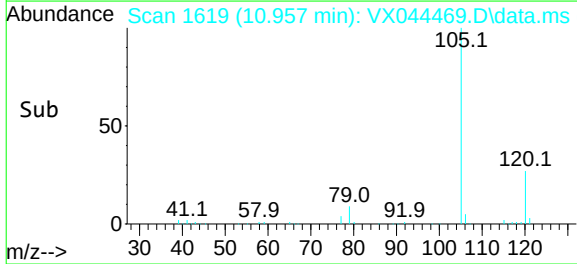
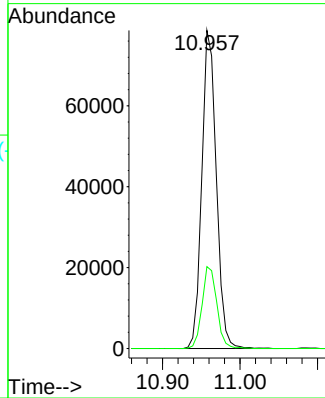
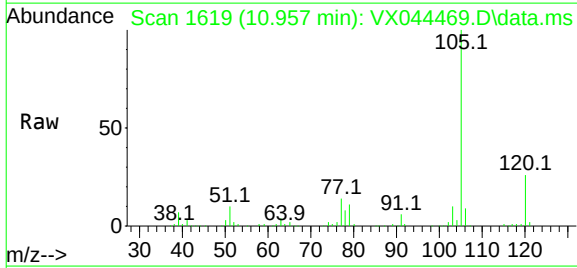
120 26.2 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#74

N-ethyl acetate

Concen: 18.694 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044469.D

Acq: 23 Dec 2024 11:04

Tgt Ion: 43 Resp: 38323

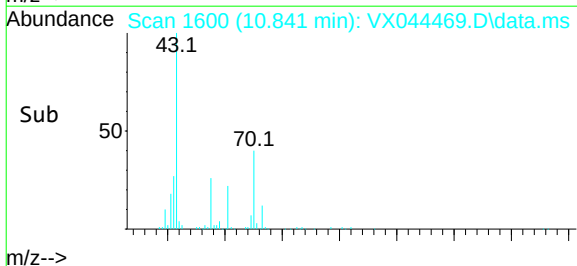
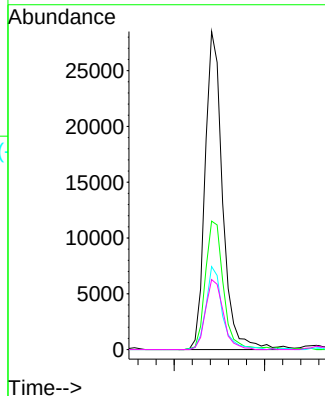
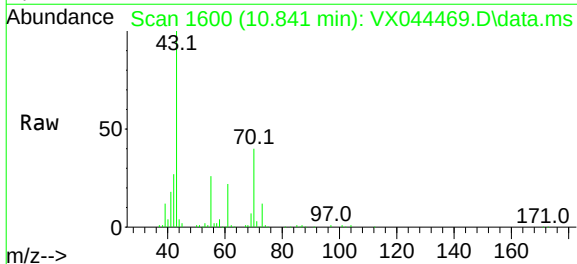
Ion Ratio Lower Upper

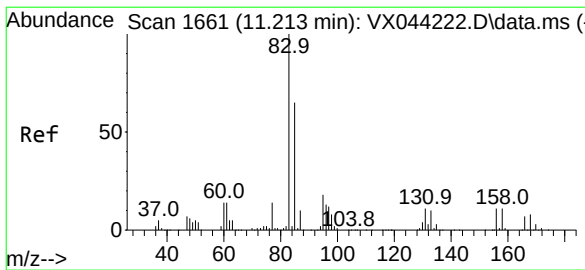
43 100

70 42.0 31.9 47.9

55 24.7 17.9 26.9

61 22.3 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 22.286 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX044469.D

Acq: 23 Dec 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

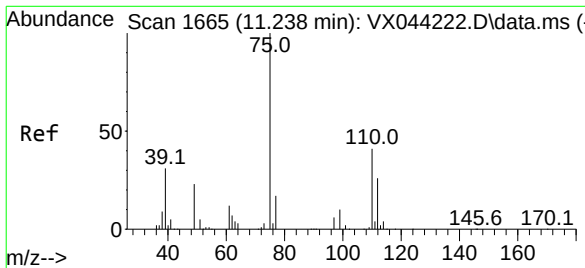
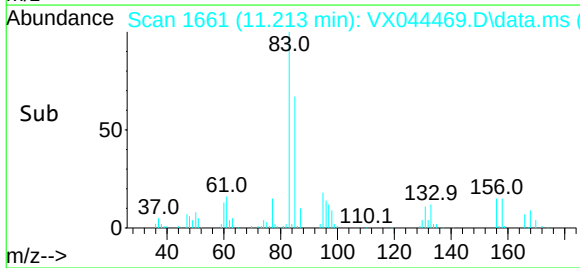
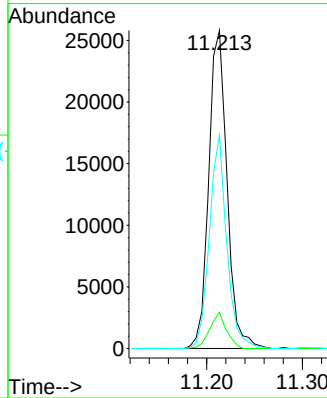
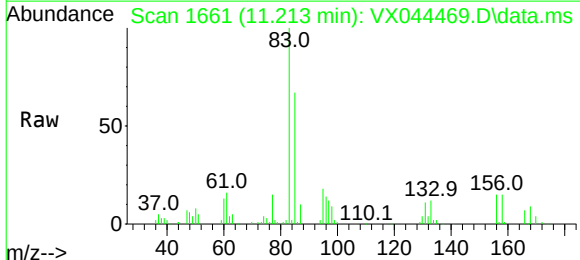
Tgt Ion:	83	Resp:	34336
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.1	15.4
85	63.9	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#76

1,2,3-Trichloropropane

Concen: 21.661 ug/l m

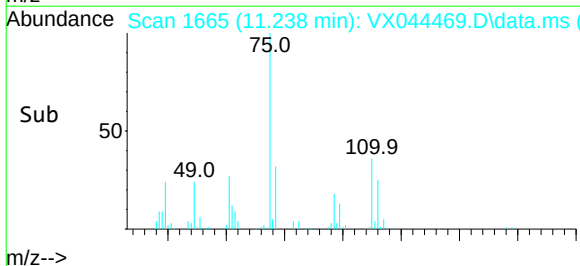
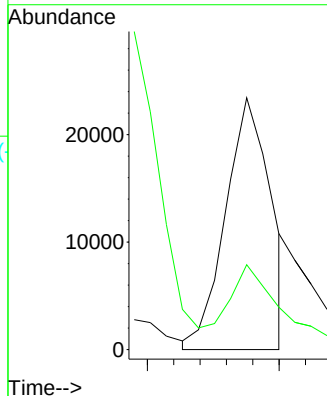
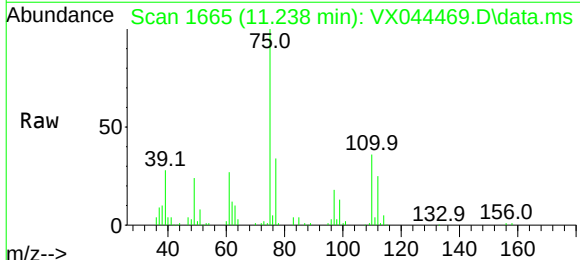
RT: 11.238 min Scan# 1665

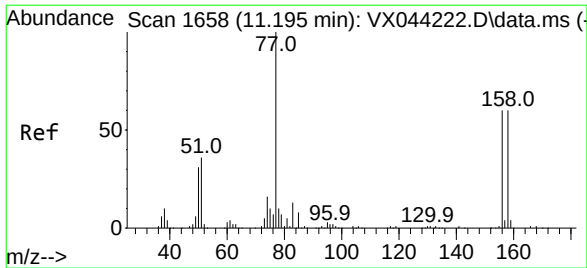
Delta R.T. -0.000 min

Lab File: VX044469.D

Acq: 23 Dec 2024 11:04

Tgt Ion:	75	Resp:	28024
Ion	Ratio	Lower	Upper
75	100		
77	40.8	20.9	62.7





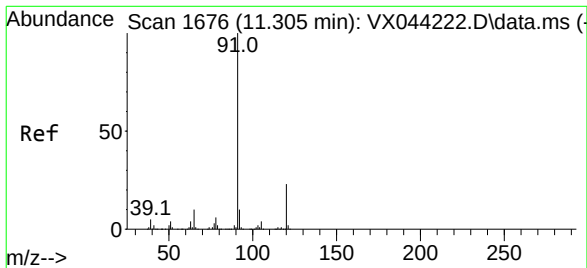
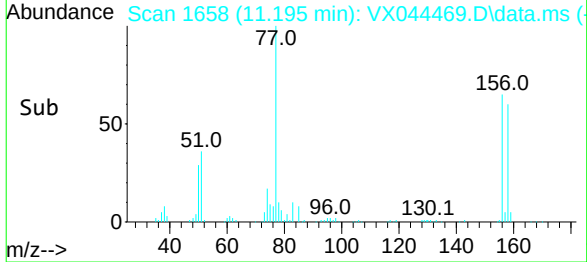
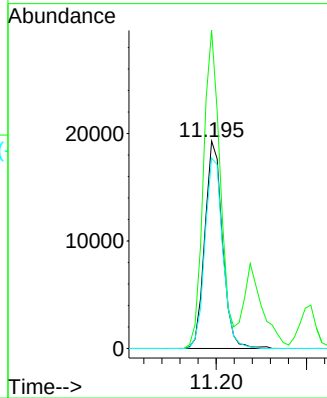
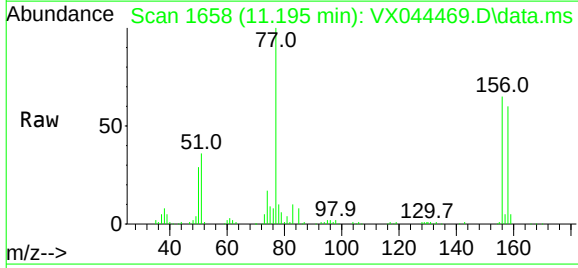
#77
Bromobenzene
Concen: 24.172 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01

Tgt Ion: 156 Resp: 26001
Ion Ratio Lower Upper
156 100
77 147.2 82.6 247.8
158 93.6 48.8 146.4

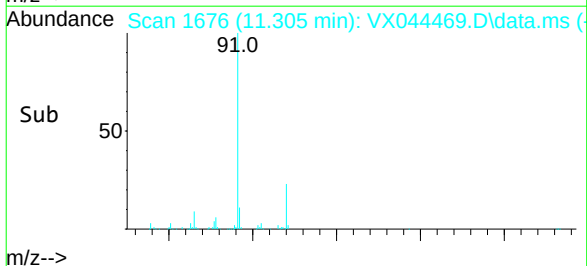
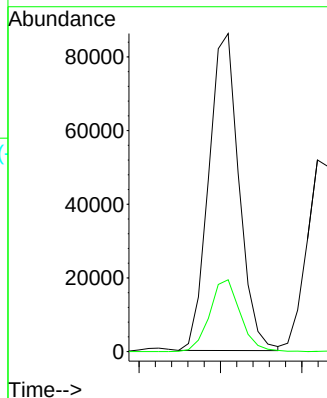
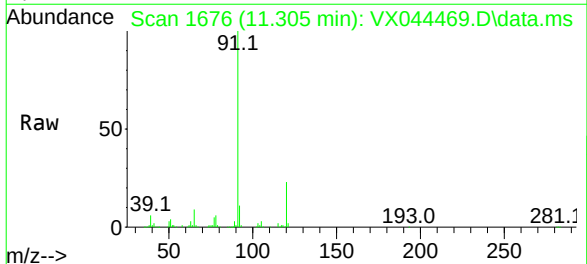
Manual Integrations
APPROVED

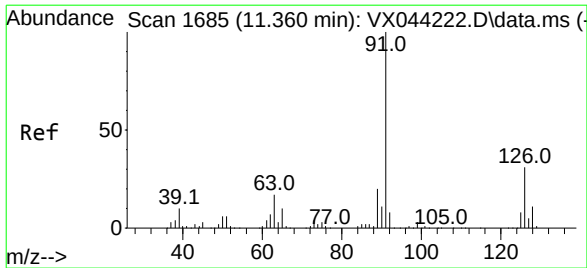
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#78
n-propylbenzene
Concen: 22.763 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

Tgt Ion: 91 Resp: 111601
Ion Ratio Lower Upper
91 100
120 22.9 11.0 33.0





#79

2-Chlorotoluene

Concen: 21.700 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VX044469.D

Acq: 23 Dec 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

Tgt Ion: 91 Resp: 68806

Ion Ratio Lower Upper

91 100

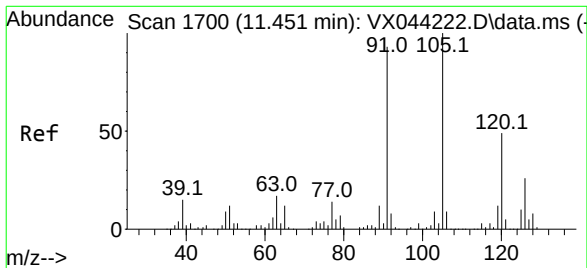
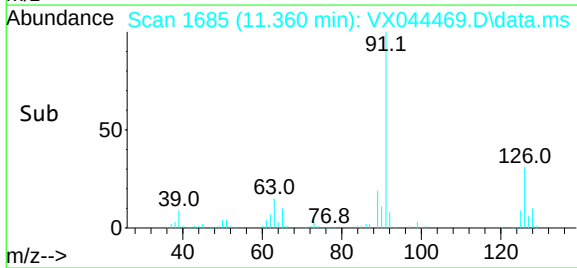
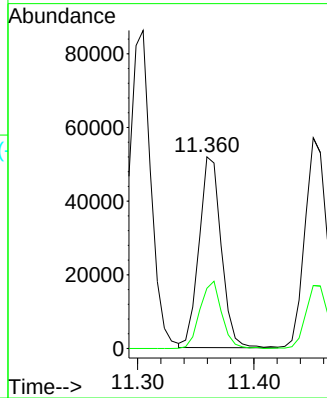
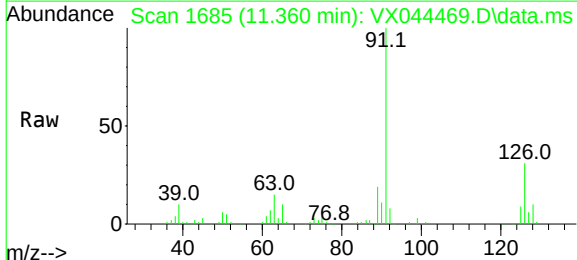
126 34.5 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#80

1,3,5-Trimethylbenzene

Concen: 22.760 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044469.D

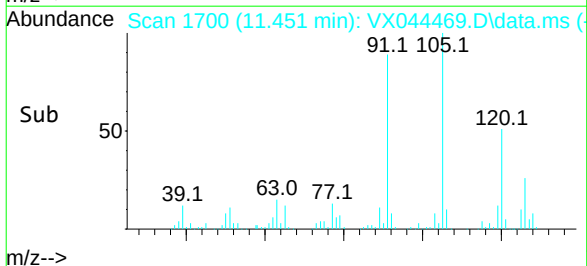
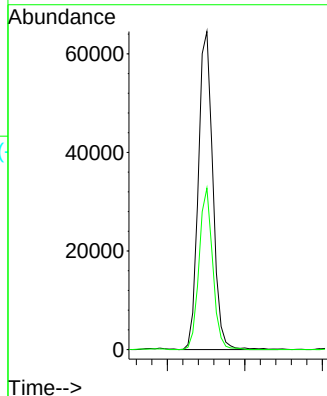
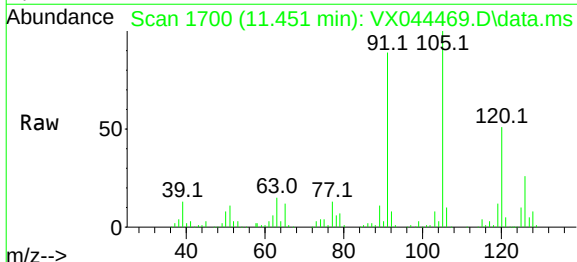
Acq: 23 Dec 2024 11:04

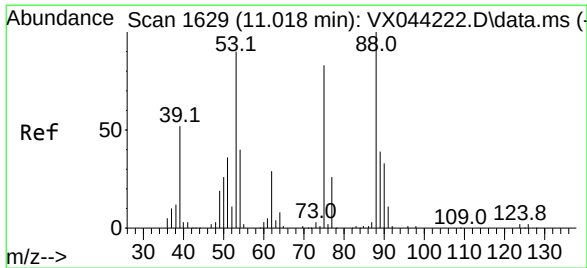
Tgt Ion:105 Resp: 83725

Ion Ratio Lower Upper

105 100

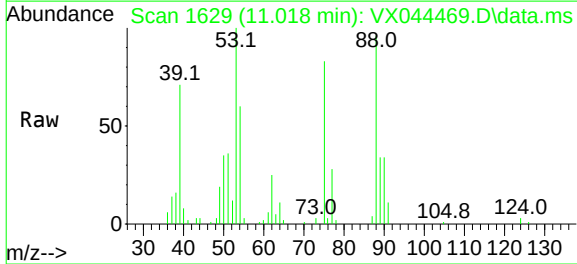
120 47.9 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 20.774 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

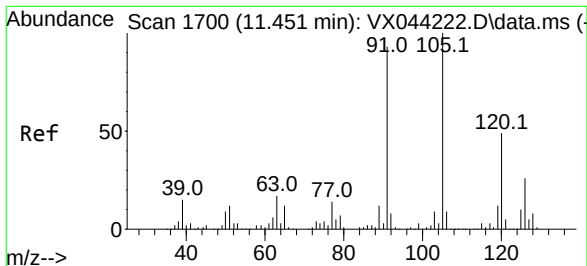
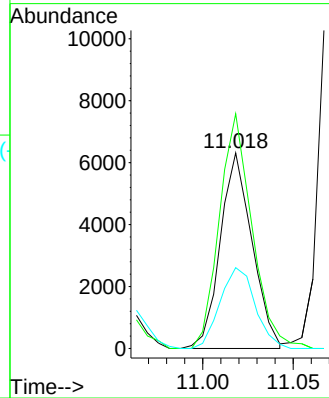
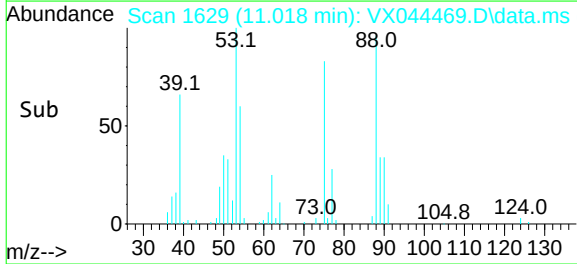
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01



Tgt Ion: 75 Resp: 7722
Ion Ratio Lower Upper
75 100
53 123.4 93.6 140.4
89 45.7 37.3 55.9

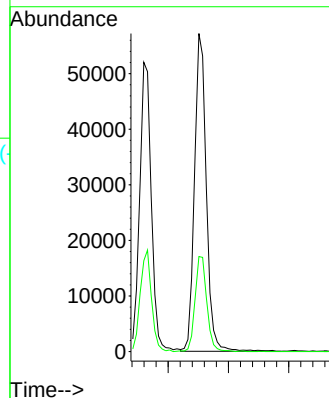
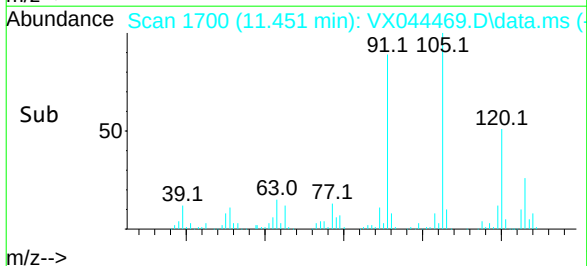
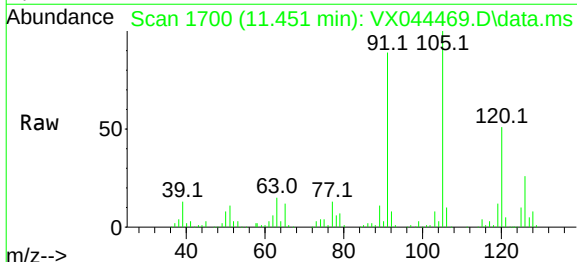
Manual Integrations
APPROVED

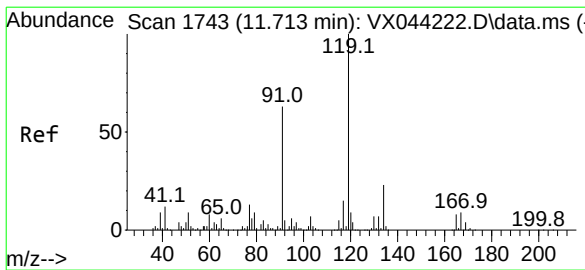
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#82
4-Chlorotoluene
Concen: 22.089 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

Tgt Ion: 91 Resp: 77558
Ion Ratio Lower Upper
91 100
126 30.0 14.5 43.5





#83

tert-Butylbenzene

Concen: 22.698 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044469.D

Acq: 23 Dec 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

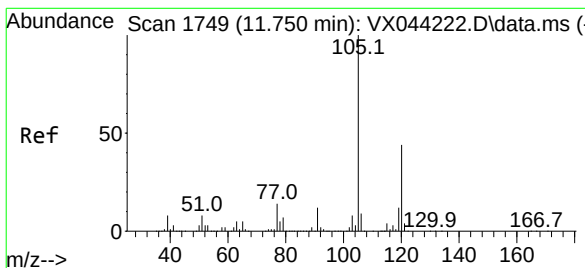
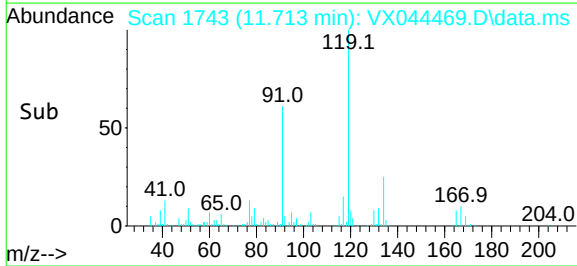
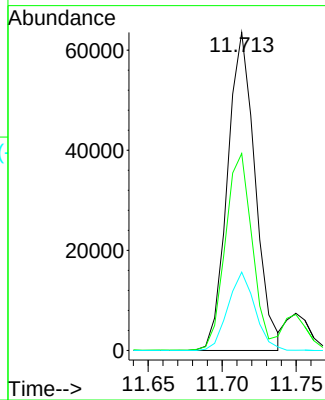
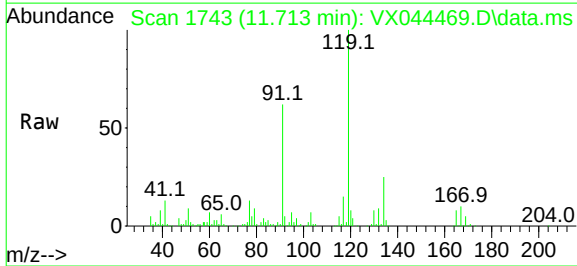
Tgt Ion:	119	Resp:	82519
Ion	Ratio	Lower	Upper
119	100		
91	59.7	30.9	92.5
134	24.1	11.5	34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#84

1,2,4-Trimethylbenzene

Concen: 22.695 ug/l

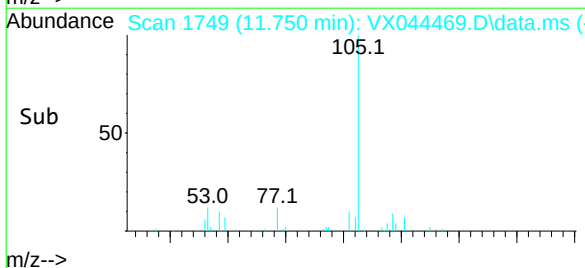
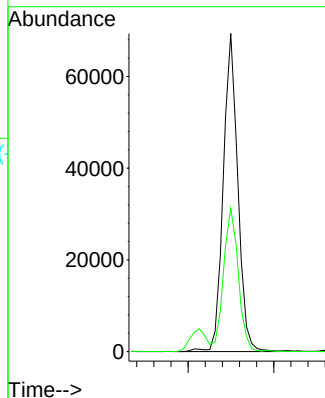
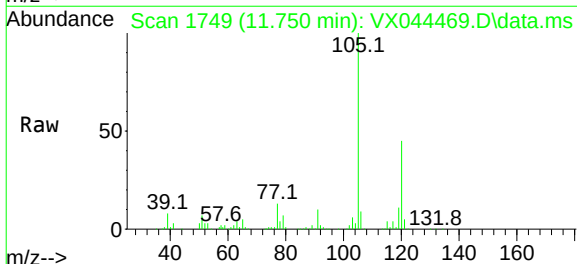
RT: 11.750 min Scan# 1749

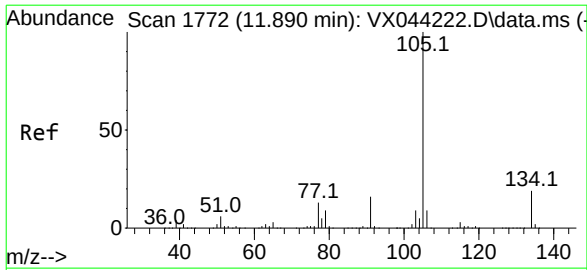
Delta R.T. -0.000 min

Lab File: VX044469.D

Acq: 23 Dec 2024 11:04

Tgt Ion:	105	Resp:	81991
Ion	Ratio	Lower	Upper
105	100		
120	46.0	21.7	65.1





#85

sec-Butylbenzene

Concen: 22.820 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044469.D

Acq: 23 Dec 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

Tgt Ion:105 Resp: 100712

Ion Ratio Lower Upper

105 100

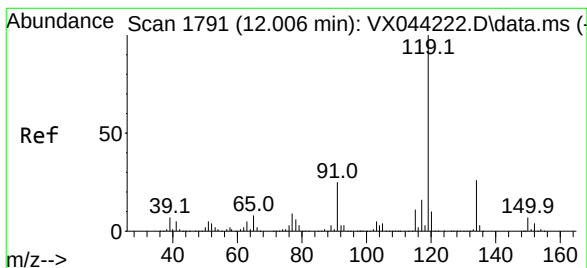
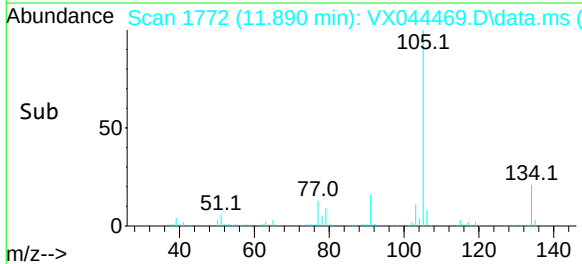
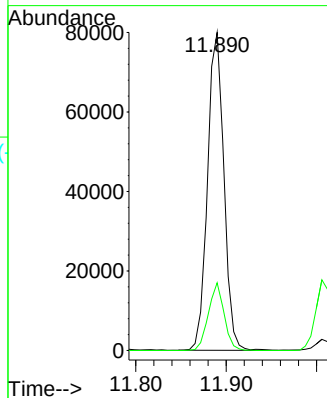
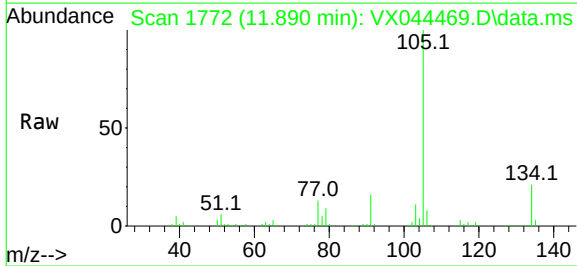
134 20.4 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#86

p-Isopropyltoluene

Concen: 22.820 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX044469.D

Acq: 23 Dec 2024 11:04

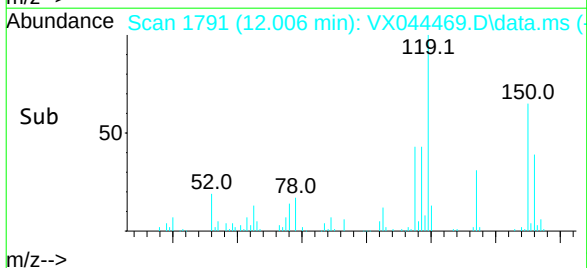
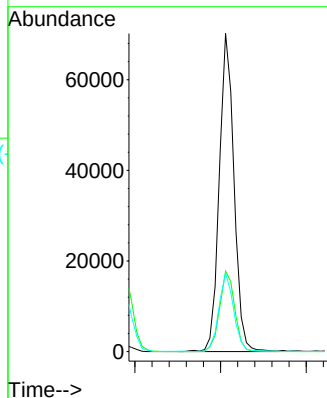
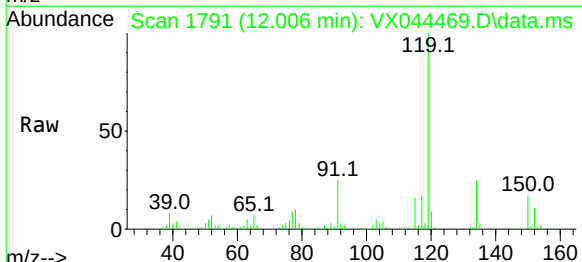
Tgt Ion:119 Resp: 83824

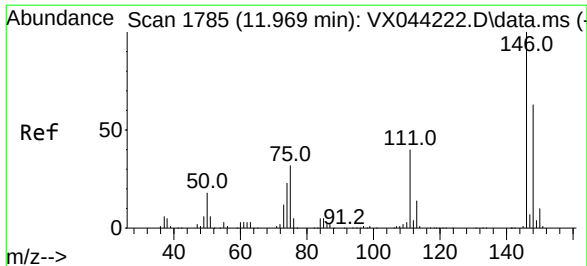
Ion Ratio Lower Upper

119 100

134 26.0 12.8 38.4

91 25.2 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 23.489 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044469.D

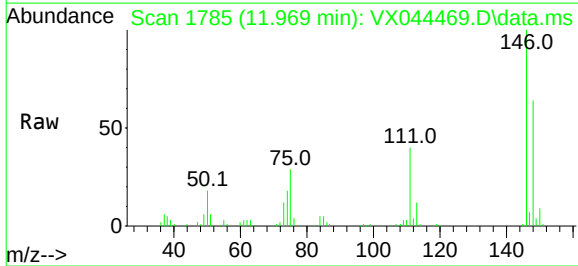
Acq: 23 Dec 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01



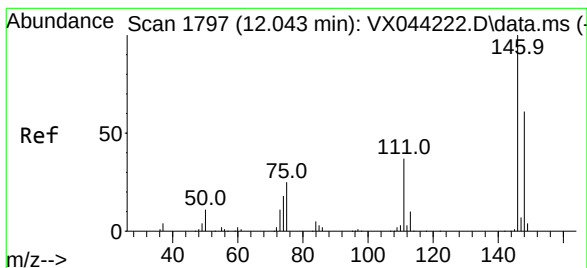
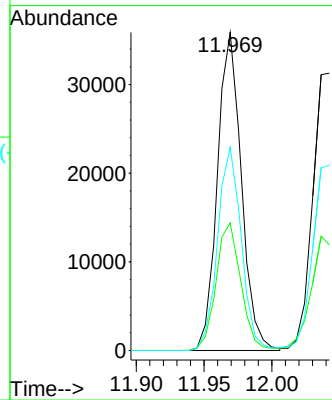
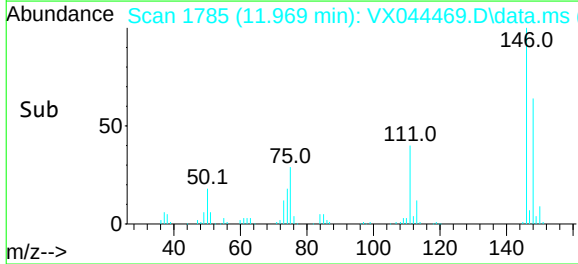
Tgt Ion:	146	Resp:	44134
Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.4	64.2
148	63.1	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#88

1,4-Dichlorobenzene

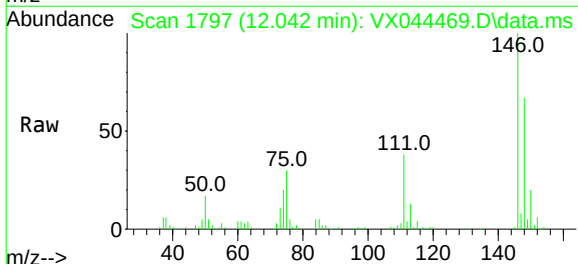
Concen: 22.693 ug/l

RT: 12.042 min Scan# 1797

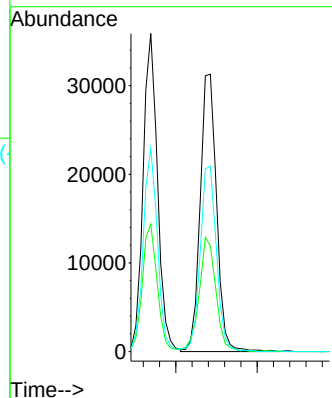
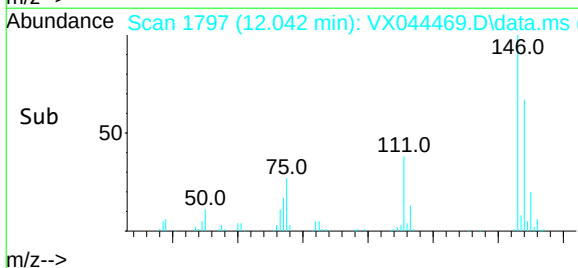
Delta R.T. -0.000 min

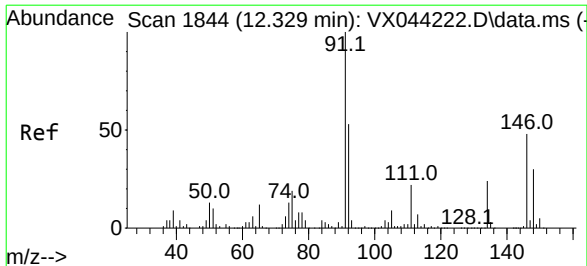
Lab File: VX044469.D

Acq: 23 Dec 2024 11:04



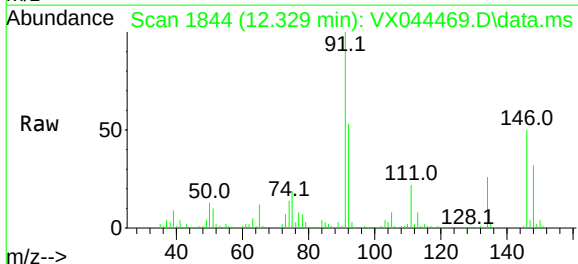
Tgt Ion:	146	Resp:	43831
Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.0	63.0
148	66.8	32.3	96.8





#89
n-Butylbenzene
Concen: 22.025 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

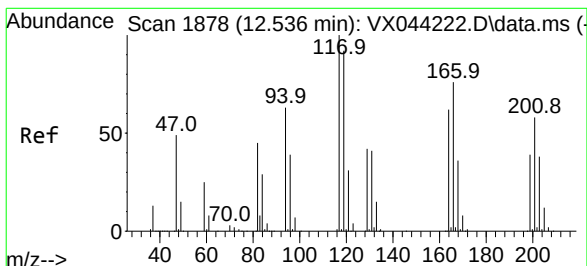
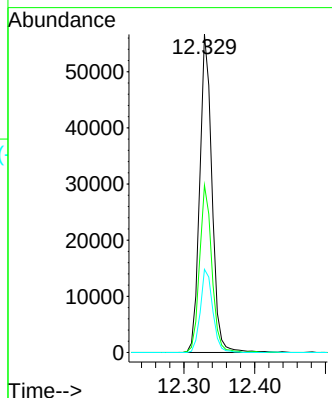
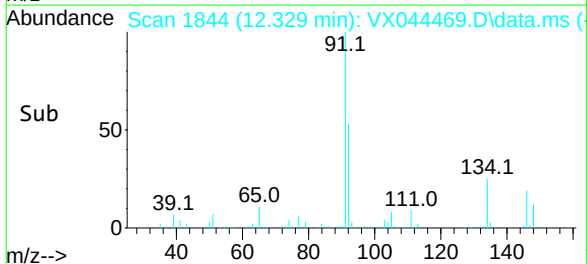
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01



Tgt Ion: 91 Resp: 68036
Ion Ratio Lower Upper
91 100
92 52.6 26.6 79.7
134 26.4 12.6 37.8

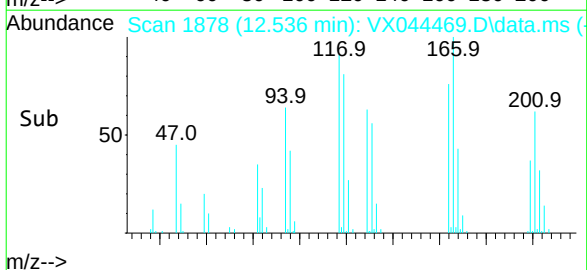
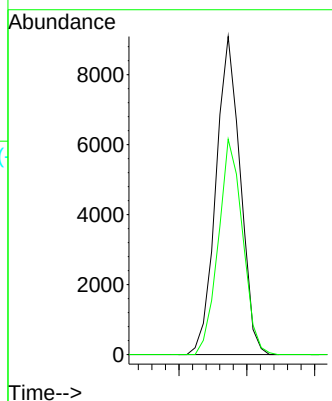
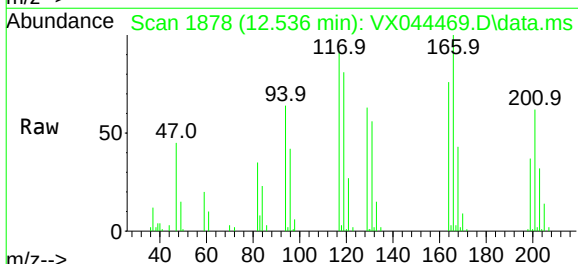
Manual Integrations
APPROVED

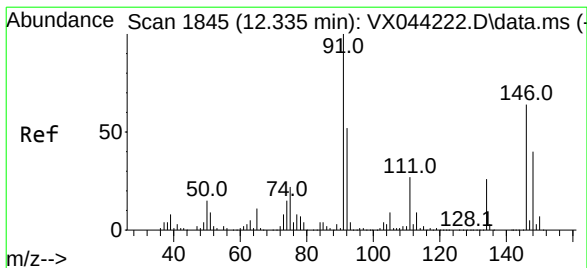
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#90
Hexachloroethane
Concen: 21.165 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

Tgt Ion:117 Resp: 11349
Ion Ratio Lower Upper
117 100
201 67.5 31.4 94.2





#91

1,2-Dichlorobenzene

Concen: 23.080 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX044469.D

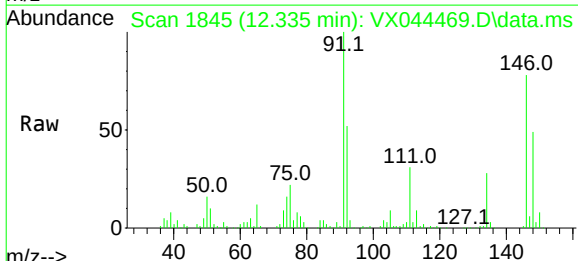
Acq: 23 Dec 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01



Tgt Ion: 146 Resp: 45028

Ion Ratio Lower Upper

146 100

111 41.9 21.4 64.3

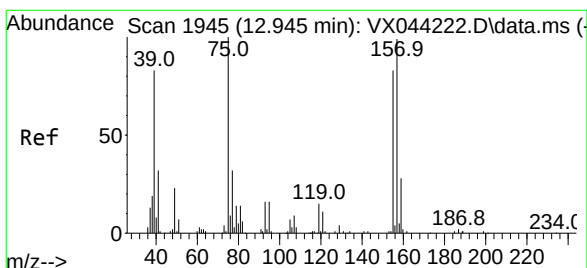
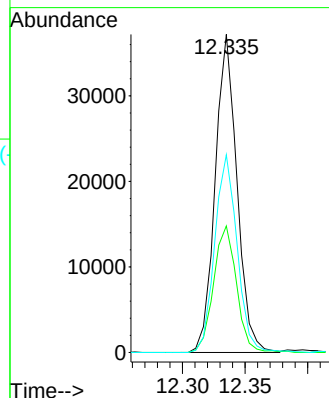
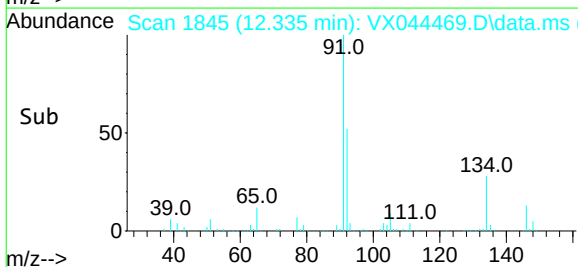
148 64.2 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.924 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX044469.D

Acq: 23 Dec 2024 11:04

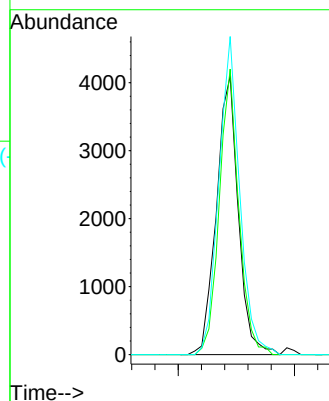
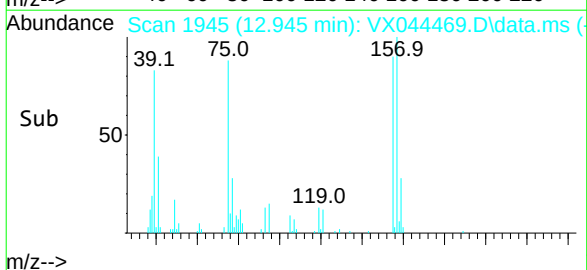
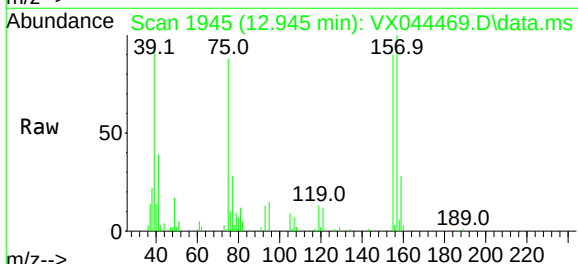
Tgt Ion: 75 Resp: 5361

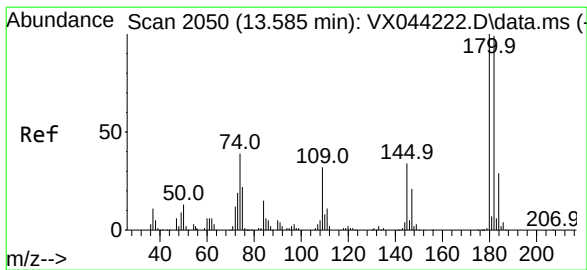
Ion Ratio Lower Upper

75 100

155 91.6 38.1 114.3

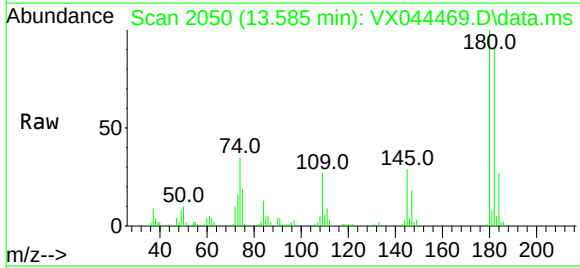
157 109.0 47.2 141.6





#93
1,2,4-Trichlorobenzene
Concen: 24.247 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

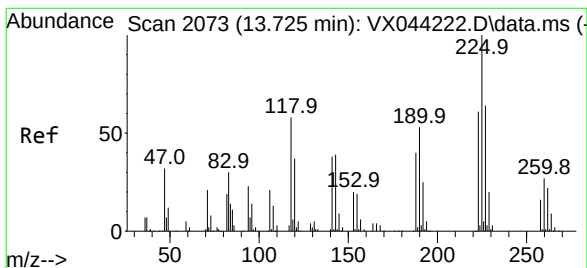
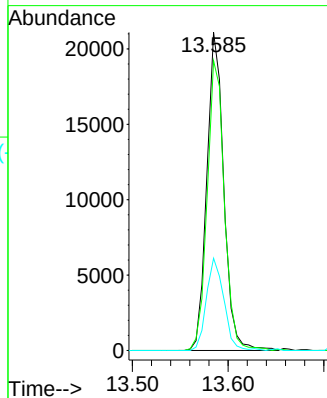
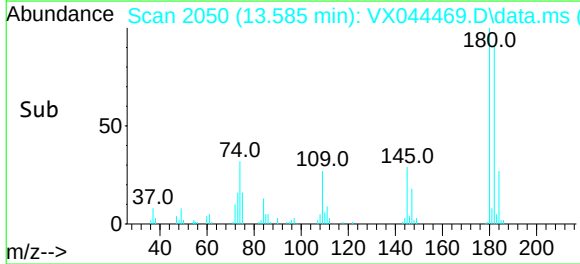
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBS01



Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	48.0	144.2
145	29.9	16.6	49.7

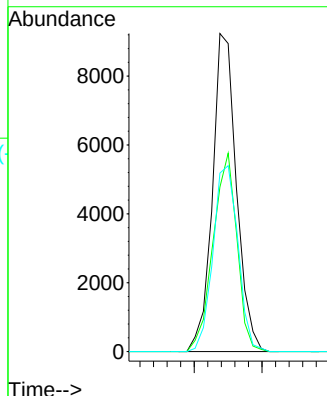
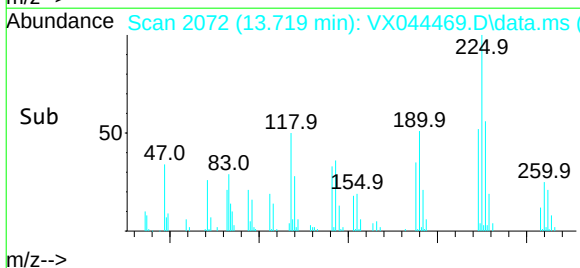
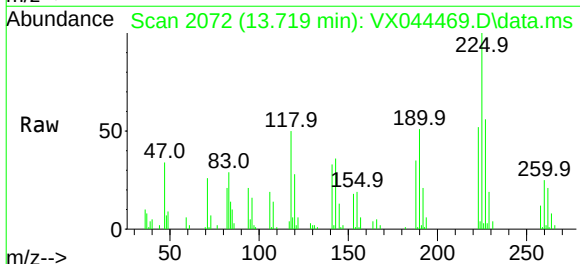
Manual Integrations
APPROVED

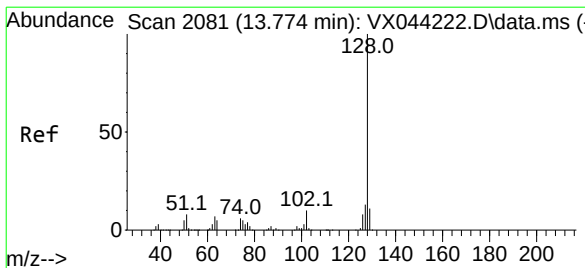
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#94
Hexachlorobutadiene
Concen: 26.407 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX044469.D
Acq: 23 Dec 2024 11:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	30.8	92.4
227	60.9	32.1	96.3





#95

Naphthalene

Concen: 21.405 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044469.D

Acq: 23 Dec 2024 11:04

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBS01

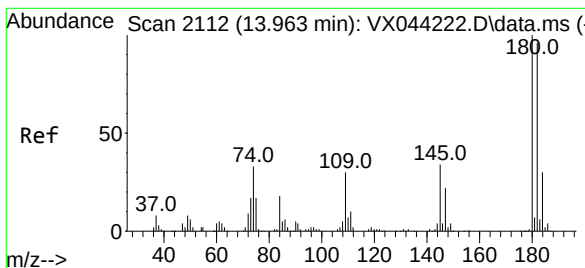
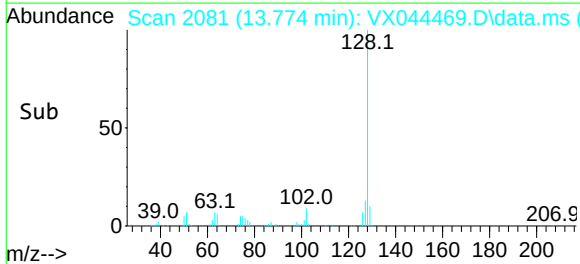
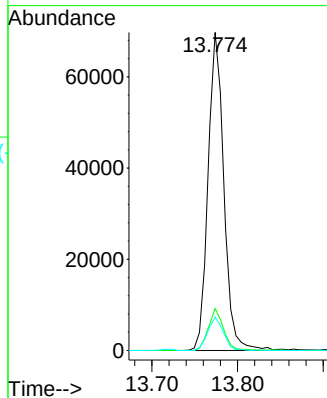
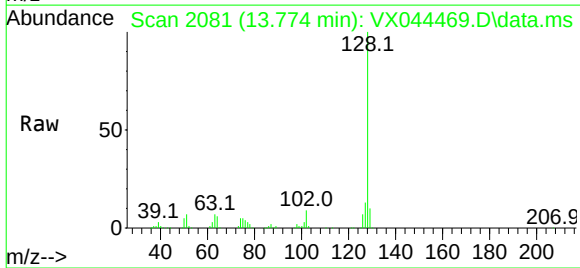
Tgt Ion:	128	Resp:	89367
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	10.4	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#96

1,2,3-Trichlorobenzene

Concen: 23.049 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX044469.D

Acq: 23 Dec 2024 11:04

Tgt Ion:	180	Resp:	26148
Ion	Ratio	Lower	Upper
180	100		
182	99.3	48.0	144.0
145	34.6	17.7	53.1

