

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044419.D
 Acq On : 19 Dec 2024 07:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 19 07:44:02 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 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	122991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	219241	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	85459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104245	48.341	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.680%		
35) Dibromofluoromethane	5.385	113	79392	52.285	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.580%		
50) Toluene-d8	8.647	98	254301	49.641	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.280%		
62) 4-Bromofluorobenzene	11.079	95	86833	48.509	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	89297	46.955	ug/l	100
3) Chloromethane	1.294	50	94895	52.180	ug/l	99
4) Vinyl Chloride	1.374	62	96779	51.081	ug/l	98
5) Bromomethane	1.593	94	67589	50.285	ug/l	98
6) Chloroethane	1.666	64	69289	58.732	ug/l	98
7) Trichlorofluoromethane	1.867	101	148267	39.974	ug/l	95
8) Diethyl Ether	2.136	74	61722	48.751	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	64278	42.827	ug/l	98
10) Methyl Iodide	2.447	142	106921	54.052	ug/l	97
11) Tert butyl alcohol	2.983	59	80157	263.745	ug/l	97
12) 1,1-Dichloroethene	2.306	96	71141	51.604	ug/l	98
13) Acrolein	2.233	56	126270	287.020	ug/l	99
14) Allyl chloride	2.654	41	113429	49.398	ug/l	97
15) Acrylonitrile	3.068	53	226510	269.056	ug/l	100
16) Acetone	2.386	43	206787	235.213	ug/l	96
17) Carbon Disulfide	2.502	76	140202	53.502	ug/l	99
18) Methyl Acetate	2.703	43	117756	51.949	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	276100	51.323	ug/l	97
20) Methylene Chloride	2.782	84	87526	53.006	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	73529	50.186	ug/l	99
22) Diisopropyl ether	3.763	45	264037	51.065	ug/l	98
23) Vinyl Acetate	3.721	43	1167975	277.841	ug/l	98
24) 1,1-Dichloroethane	3.605	63	150830	52.331	ug/l	99
25) 2-Butanone	4.556	43	313889	251.145	ug/l	96
26) 2,2-Dichloropropane	4.471	77	63758	27.229	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	92907	49.930	ug/l	93
28) Bromochloromethane	4.897	49	71184	50.366	ug/l	100
29) Tetrahydrofuran	5.007	42	203906	254.175	ug/l	99
30) Chloroform	5.086	83	159252	49.178	ug/l	98
31) Cyclohexane	5.464	56	99678	42.827	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	130746	48.640	ug/l	98
36) 1,1-Dichloropropene	5.684	75	91756	46.748	ug/l	99
37) Ethyl Acetate	4.721	43	126767	52.248	ug/l	98
38) Carbon Tetrachloride	5.672	117	102311	48.416	ug/l	98
39) Methylcyclohexane	7.379	83	97486	41.546	ug/l	97
40) Benzene	6.031	78	313202	52.556	ug/l	97

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Quant Time: Dec 19 07:44:02 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	4.916	41	68638	53.276	ug/l	98
42) 1,2-Dichloroethane	6.086	62	126056	51.349	ug/l	97
43) Isopropyl Acetate	6.342	43	203865	53.759	ug/l	99
44) Trichloroethene	7.123	130	75596	50.868	ug/l	99
45) 1,2-Dichloropropane	7.427	63	80013	52.553	ug/l	99
46) Dibromomethane	7.580	93	62821	53.185	ug/l	93
47) Bromodichloromethane	7.824	83	111053	54.439	ug/l	99
48) Methyl methacrylate	7.690	41	93853	50.984	ug/l	95
49) 1,4-Dioxane	7.665	88	28322	927.969	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	637240	261.345	ug/l	99
52) Toluene	8.714	92	183930	49.148	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	100994	46.368	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	111565	50.228	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	79401	53.407	ug/l	99
56) Ethyl methacrylate	9.116	69	125407	53.432	ug/l	99
57) 1,3-Dichloropropane	9.305	76	135107	52.210	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	279300	235.938	ug/l	98
59) 2-Hexanone	9.433	43	464936	263.434	ug/l	98
60) Dibromochloromethane	9.519	129	79931	50.717	ug/l	99
61) 1,2-Dibromoethane	9.610	107	81759	54.026	ug/l	100
64) Tetrachloroethene	9.269	164	58220	46.221	ug/l	98
65) Chlorobenzene	10.079	112	200803	49.379	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	71094	54.398	ug/l	99
67) Ethyl Benzene	10.189	91	341788	48.644	ug/l	99
68) m/p-Xylenes	10.299	106	256314	99.414	ug/l	96
69) o-Xylene	10.640	106	128864	49.398	ug/l	96
70) Styrene	10.652	104	216799	51.842	ug/l	96
71) Bromoform	10.799	173	48213	52.457	ug/l #	99
73) Isopropylbenzene	10.963	105	314366	48.052	ug/l	99
74) N-ethyl acetate	10.841	43	166301	55.002	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	119667	52.663	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	97804m	51.257	ug/l	
77) Bromobenzene	11.195	156	81167	51.162	ug/l	97
78) n-propylbenzene	11.305	91	351524	48.614	ug/l	100
79) 2-Chlorotoluene	11.360	91	220699	47.194	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	263525	48.573	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	26316	40.690	ug/l	97
82) 4-Chlorotoluene	11.451	91	251878	48.639	ug/l	99
83) tert-Butylbenzene	11.713	119	262462	48.951	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	264960	49.728	ug/l	99
85) sec-Butylbenzene	11.890	105	308602	47.411	ug/l	98
86) p-Isopropyltoluene	12.006	119	257648	47.558	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	140315	50.634	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	140008	49.148	ug/l	97
89) n-Butylbenzene	12.329	91	214353	47.053	ug/l	99
90) Hexachloroethane	12.536	117	40378	51.057	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	145586	50.596	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22216	50.364	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	83037	52.638	ug/l	95
94) Hexachlorobutadiene	13.725	225	29885	47.098	ug/l	98
95) Naphthalene	13.774	128	311462	50.581	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	85722	51.233	ug/l	98

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MSVOA_X
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VSTDCCC050EC

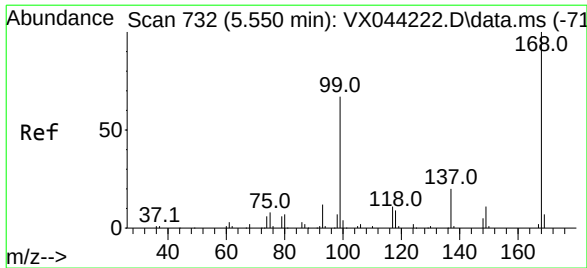
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 07:44:02 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



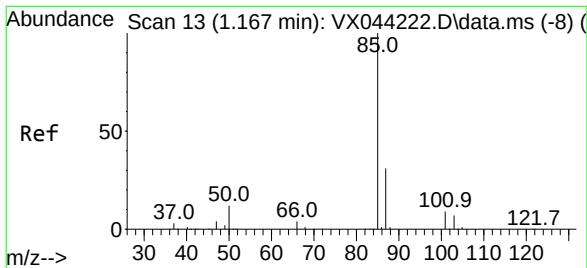
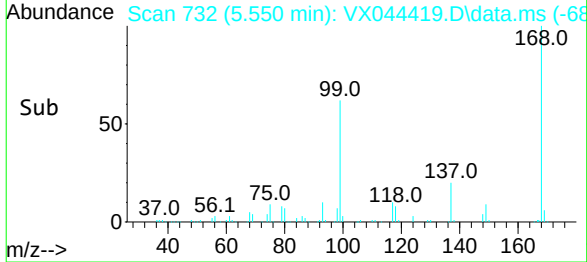
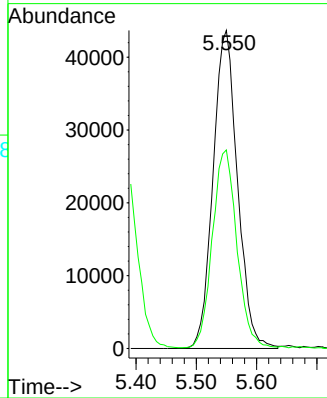
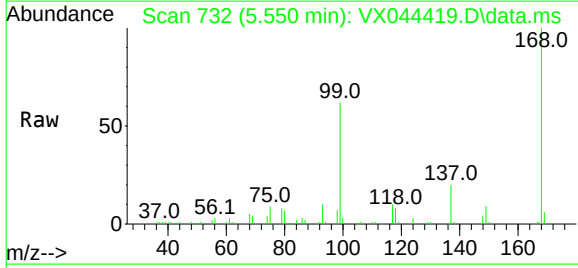
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 122991
Ion Ratio Lower Upper
168 100
99 62.2 53.4 80.0

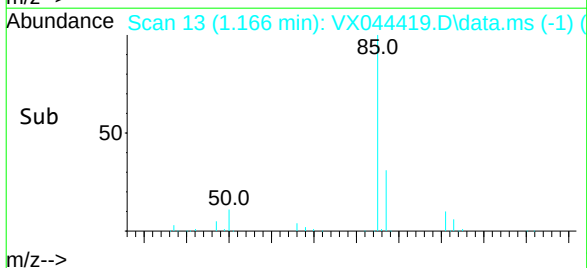
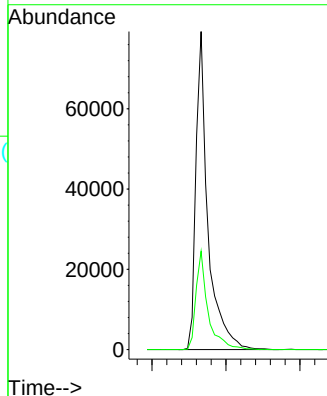
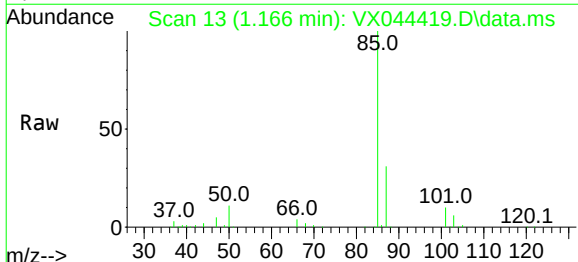
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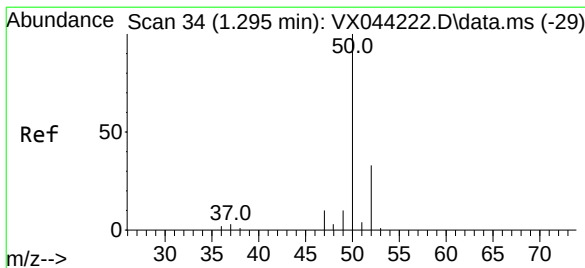
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#2
Dichlorodifluoromethane
Concen: 46.955 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Tgt Ion: 85 Resp: 89297
Ion Ratio Lower Upper
85 100
87 30.9 15.4 46.4





#3

Chloromethane

Concen: 52.180 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 94895

Ion Ratio Lower Upper

50 100

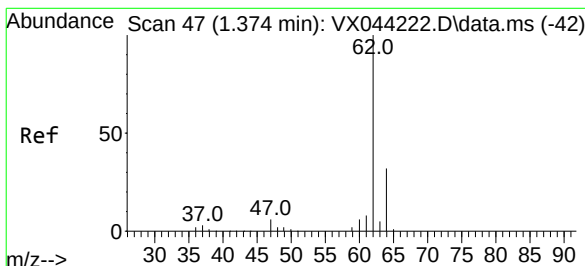
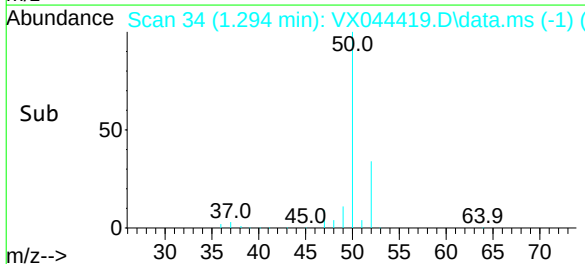
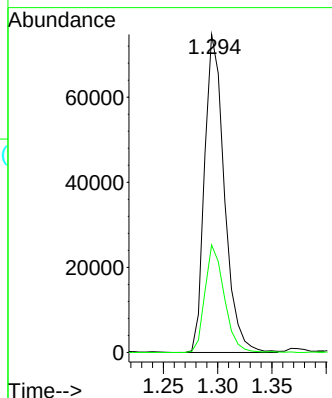
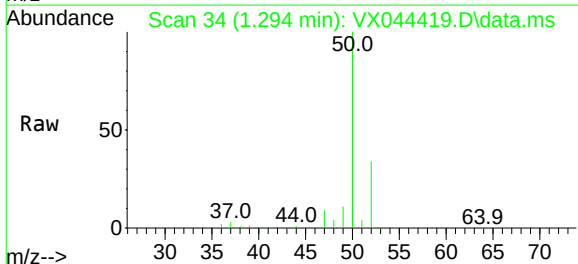
52 33.8 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.081 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX044419.D

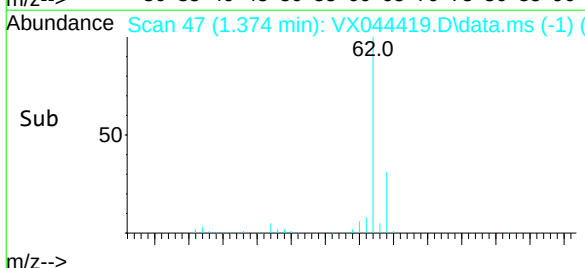
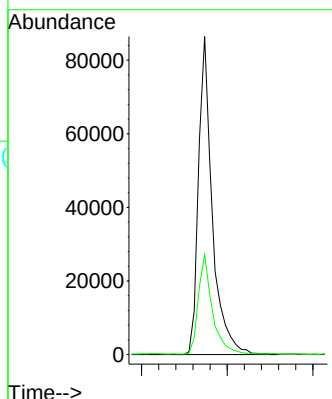
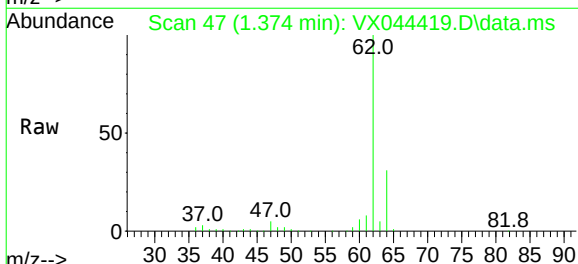
Acq: 19 Dec 2024 07:14

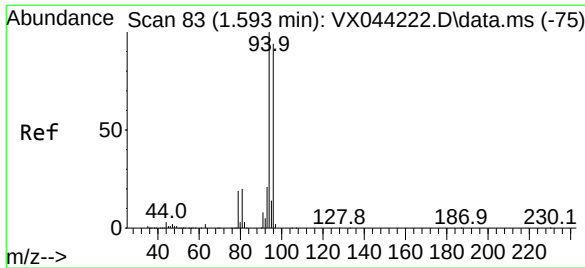
Tgt Ion: 62 Resp: 96779

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5





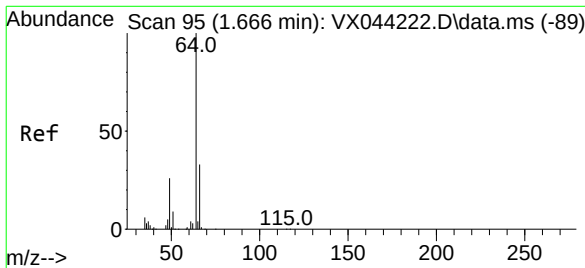
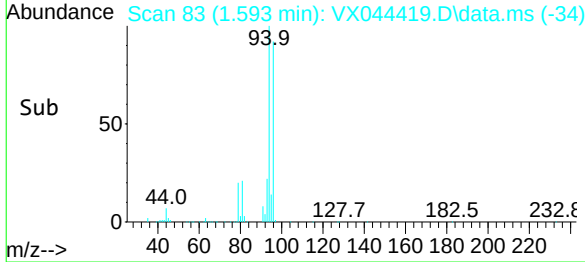
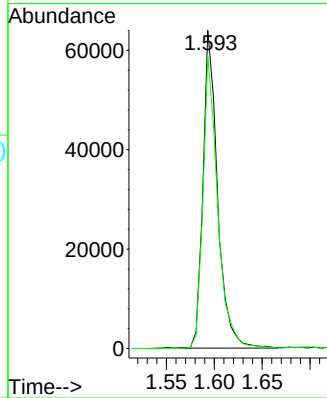
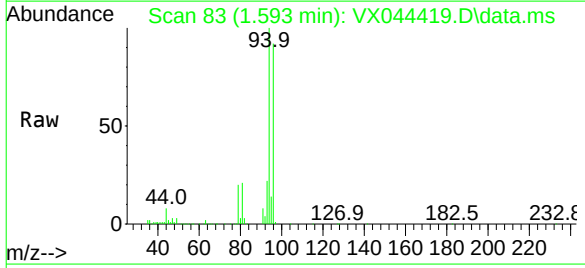
#5
Bromomethane
Concen: 50.285 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 67589
Ion Ratio Lower Upper
94 100
96 92.0 74.9 112.3

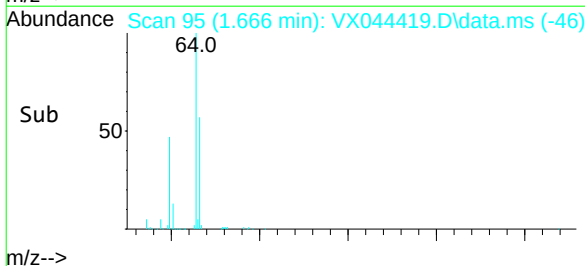
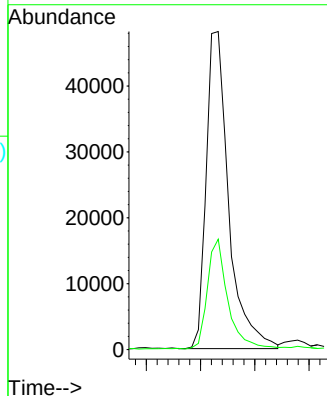
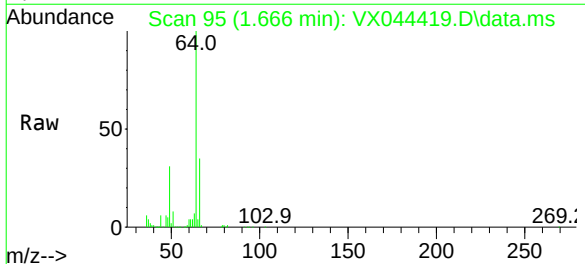
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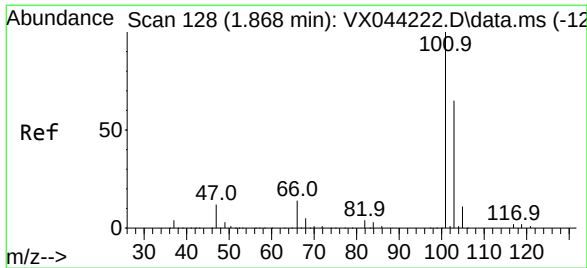
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#6
Chloroethane
Concen: 58.732 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

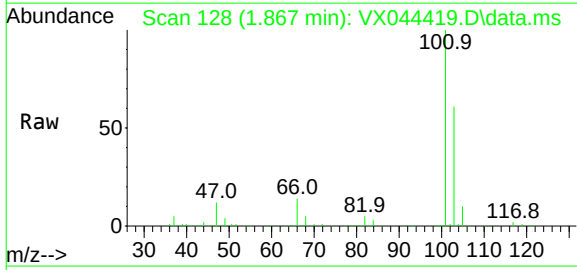
Tgt Ion: 64 Resp: 69289
Ion Ratio Lower Upper
64 100
66 34.4 26.6 39.8





#7
 Trichlorofluoromethane
 Concen: 39.974 ug/l
 RT: 1.867 min Scan# 128
 Delta R.T. -0.000 min
 Lab File: VX044419.D
 Acq: 19 Dec 2024 07:14

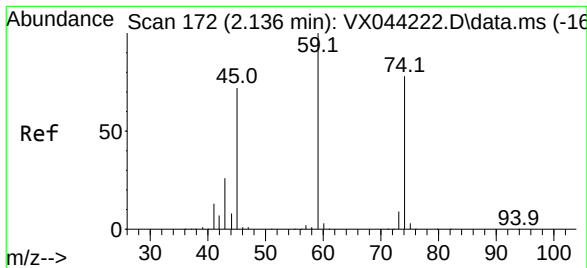
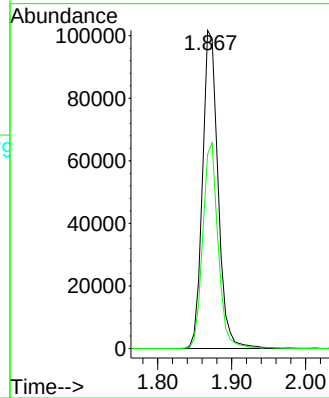
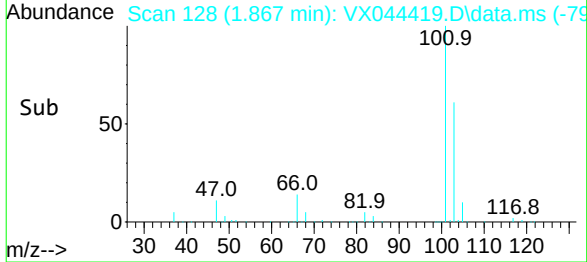
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 148267
 Ion Ratio Lower Upper
 101 100
 103 61.0 51.8 77.8

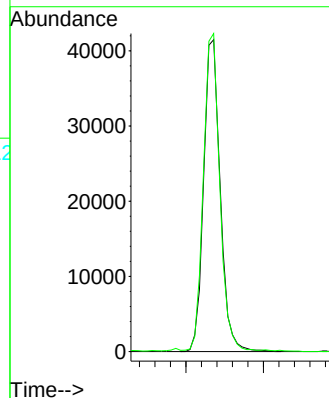
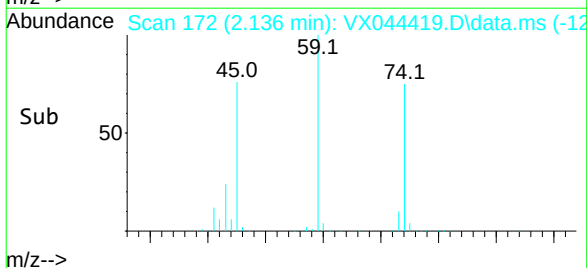
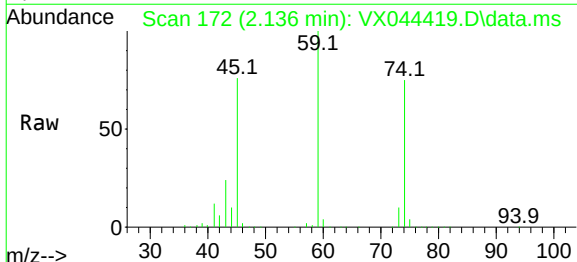
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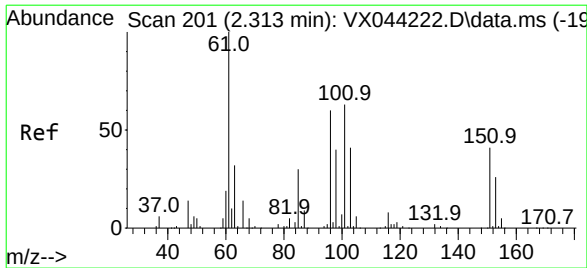
Reviewed By :John Carlone 12/20/2024
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#8
 Diethyl Ether
 Concen: 48.751 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX044419.D
 Acq: 19 Dec 2024 07:14

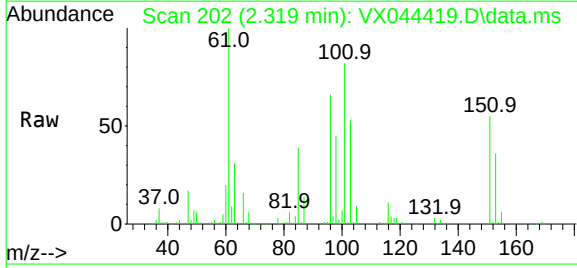
Tgt Ion: 74 Resp: 61722
 Ion Ratio Lower Upper
 74 100
 45 101.6 48.4 145.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.827 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044419.D
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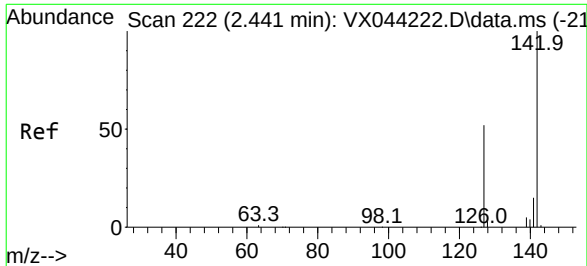
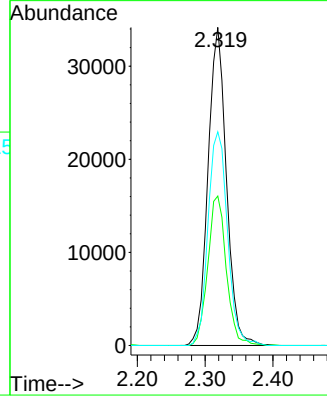
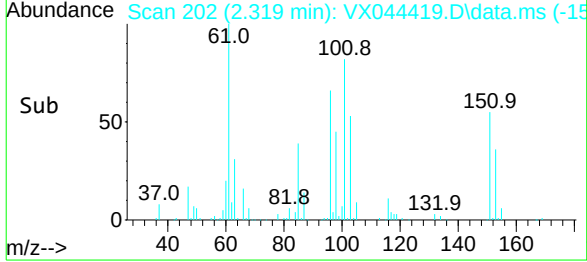
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 64278
Ion Ratio Lower Upper
101 100
85 47.5 38.5 57.7
151 71.3 55.8 83.6

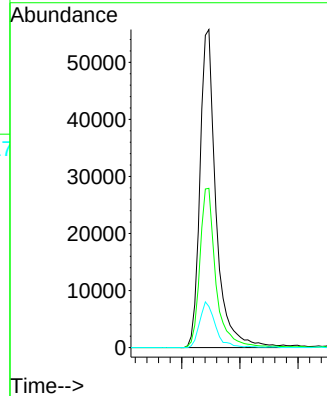
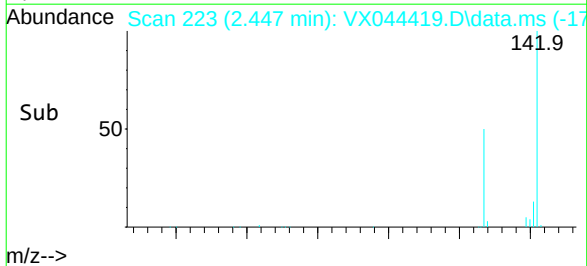
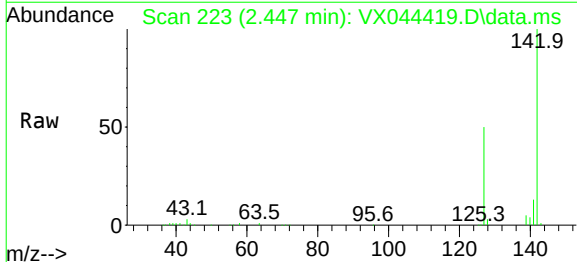
Manual Integrations
APPROVED

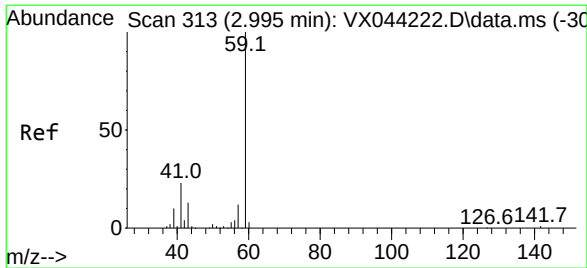
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#10
Methyl Iodide
Concen: 54.052 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Tgt Ion:142 Resp: 106921
Ion Ratio Lower Upper
142 100
127 49.9 41.8 62.8
141 14.0 11.5 17.3





#11

Tert butyl alcohol

Concen: 263.745 ug/l

RT: 2.983 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 80157

Ion Ratio Lower Upper

59 100

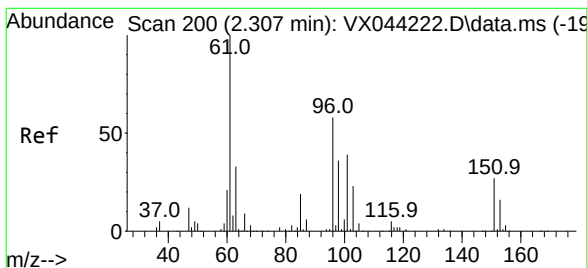
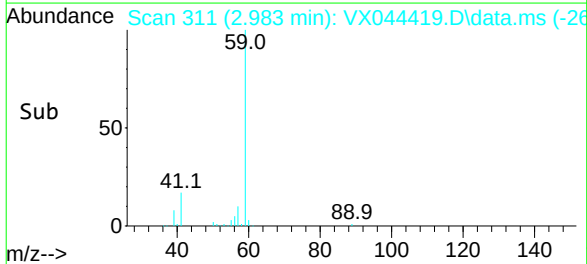
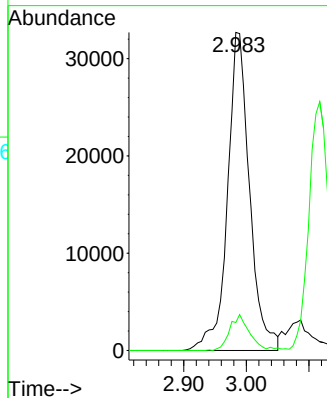
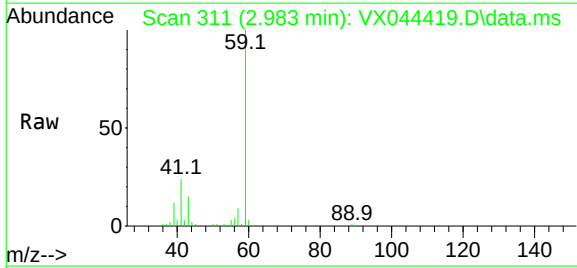
57 9.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#12

1,1-Dichloroethene

Concen: 51.604 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

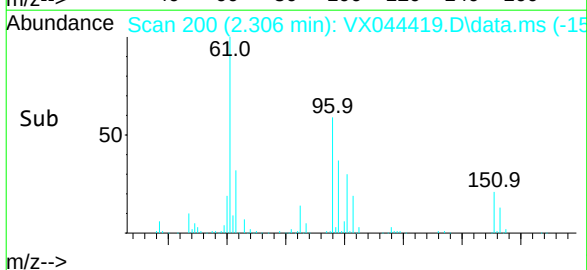
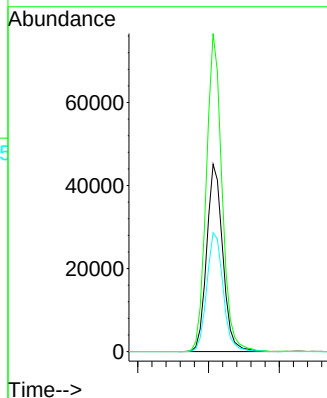
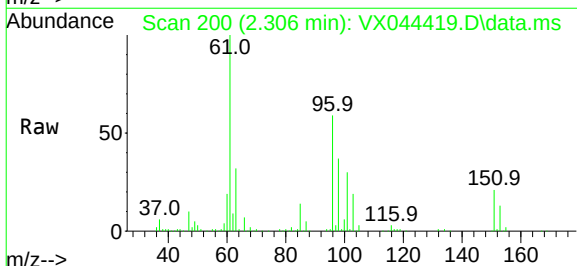
Tgt Ion: 96 Resp: 71141

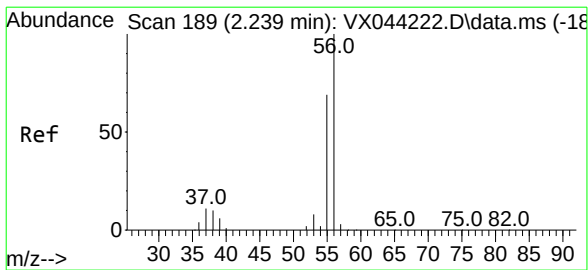
Ion Ratio Lower Upper

96 100

61 169.8 138.0 207.0

98 63.5 50.0 75.0

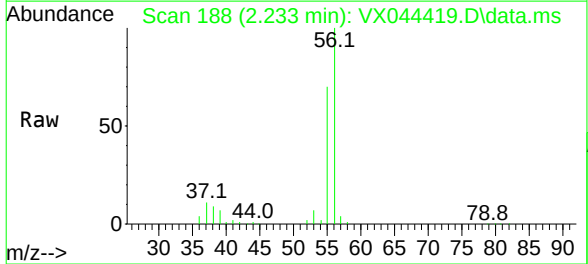




#13
 Acrolein
 Concen: 287.020 ug/l
 RT: 2.233 min Scan# 18
 Delta R.T. -0.006 min
 Lab File: VX044419.D
 Acq: 19 Dec 2024 07:14

Instrument :

MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

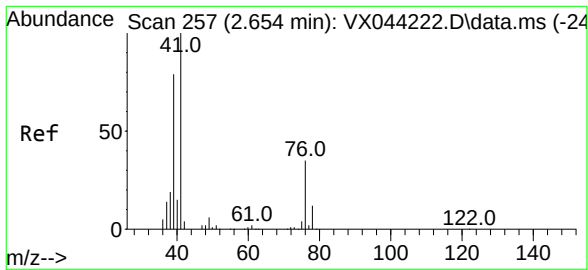
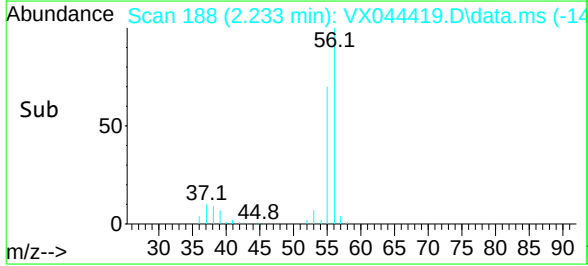
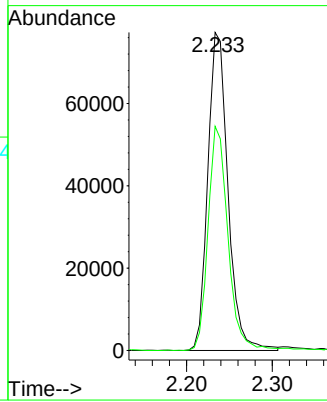


Tgt Ion: 56 Resp: 126270

Ion	Ratio	Lower	Upper
56	100		
55	70.2	56.6	84.8

Manual Integrations
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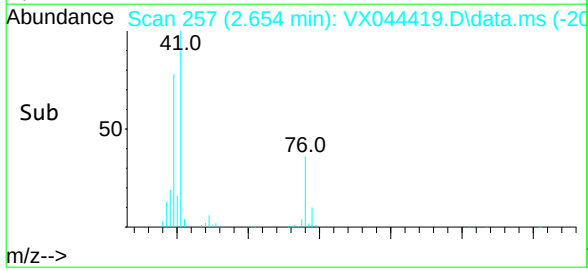
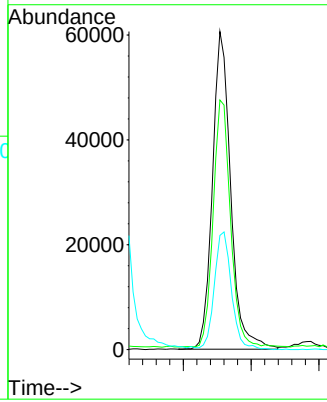
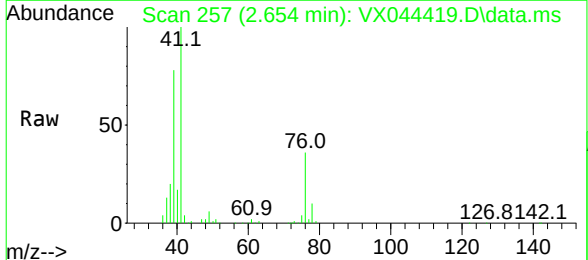
Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

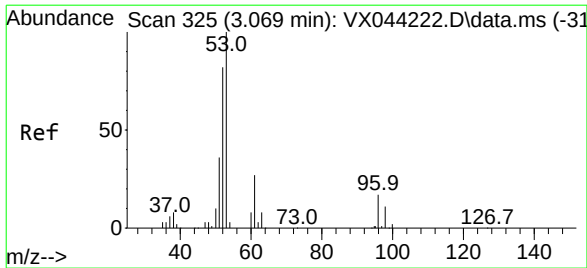


#14
 Allyl chloride
 Concen: 49.398 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. -0.000 min
 Lab File: VX044419.D
 Acq: 19 Dec 2024 07:14

Tgt Ion: 41 Resp: 113429

Ion	Ratio	Lower	Upper
41	100		
39	74.1	61.9	92.9
76	34.7	27.4	41.2





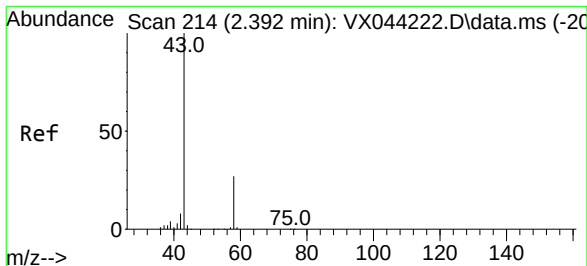
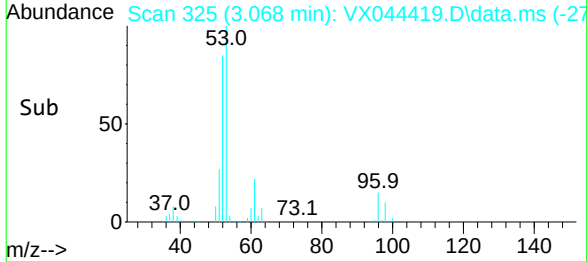
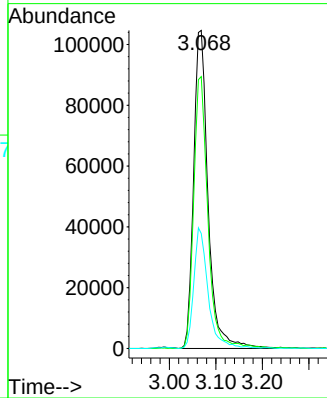
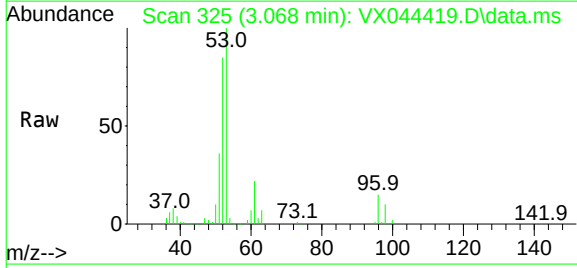
#15
Acrylonitrile
Concen: 269.056 ug/l
RT: 3.068 min Scan# 32
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 226510
Ion Ratio Lower Upper
53 100
52 83.9 67.4 101.0
51 37.5 30.3 45.5

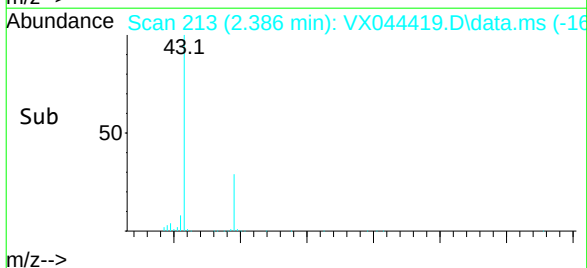
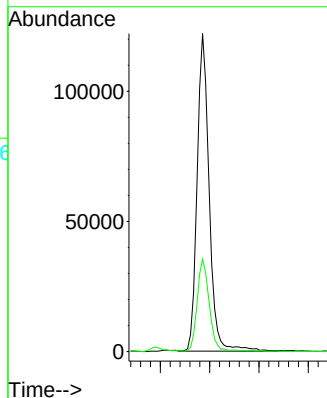
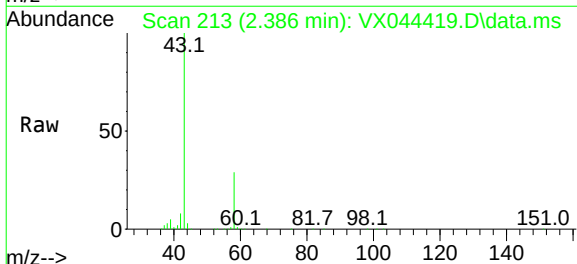
Manual Integrations
APPROVED

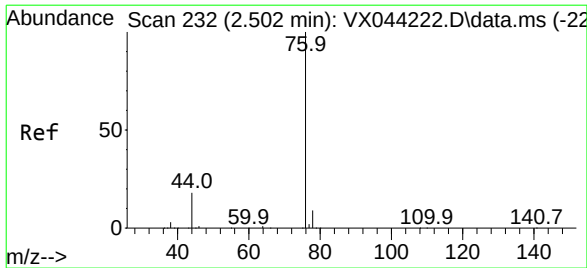
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#16
Acetone
Concen: 235.213 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Tgt Ion: 43 Resp: 206787
Ion Ratio Lower Upper
43 100
58 29.0 21.6 32.4





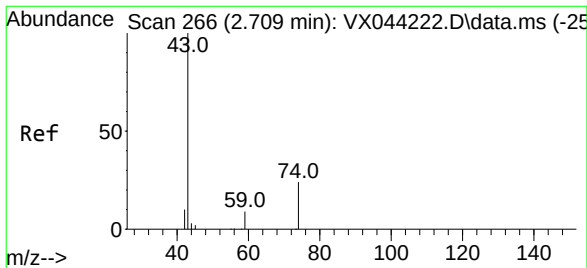
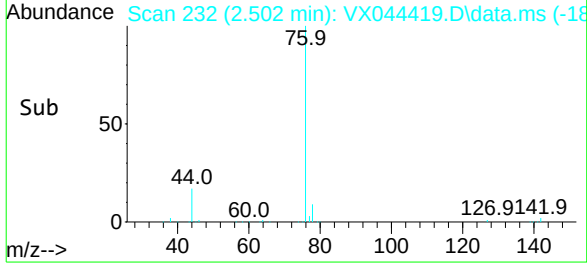
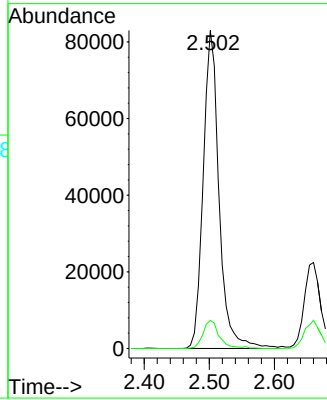
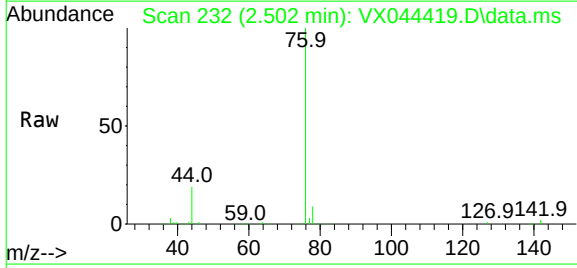
#17
Carbon Disulfide
Concen: 53.502 ug/l
RT: 2.502 min Scan# 231
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 140202
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

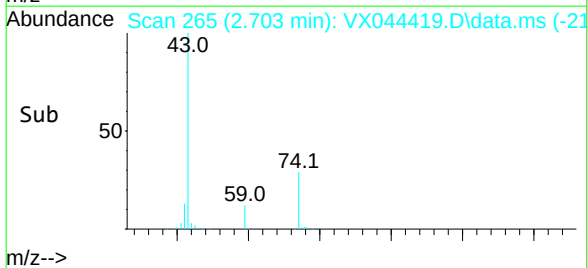
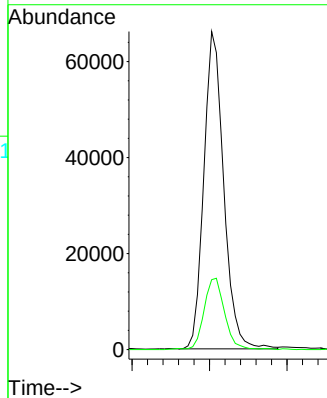
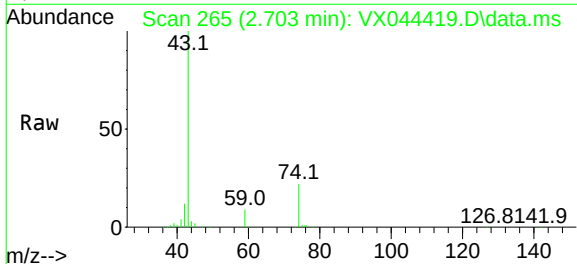
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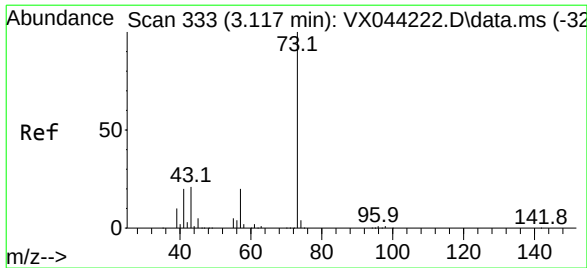
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#18
Methyl Acetate
Concen: 51.949 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Tgt Ion: 43 Resp: 117756
Ion Ratio Lower Upper
43 100
74 23.2 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 51.323 ug/l

RT: 3.117 min Scan# 333

Delta R.T. -0.000 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 276100

Ion Ratio Lower Upper

73 100

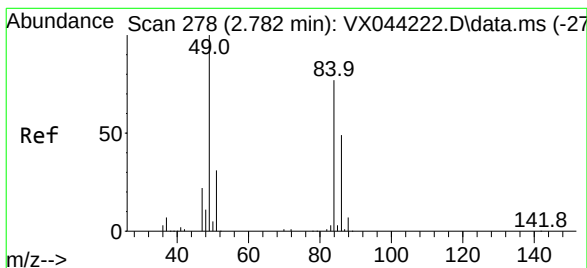
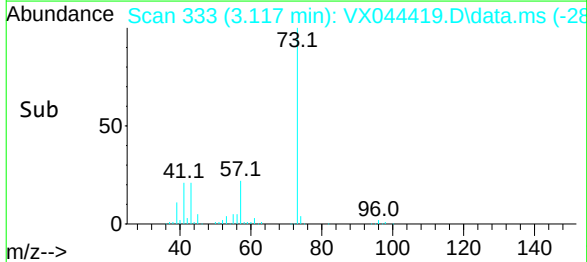
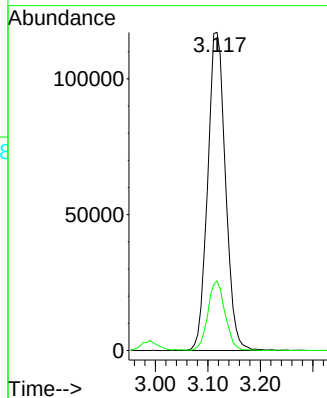
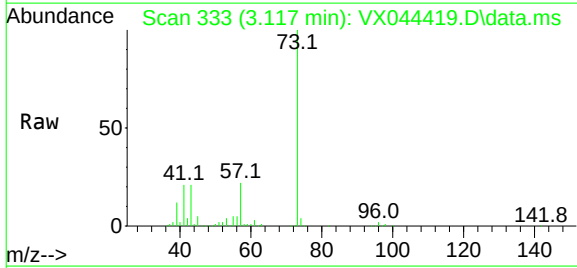
57 21.7 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#20

Methylene Chloride

Concen: 53.006 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

Tgt Ion: 84 Resp: 87526

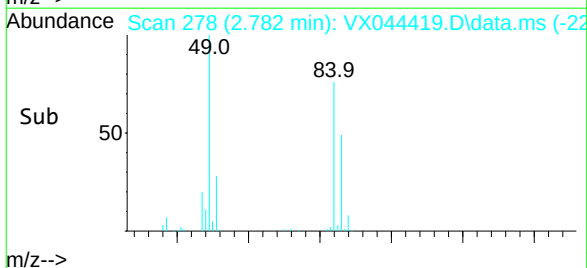
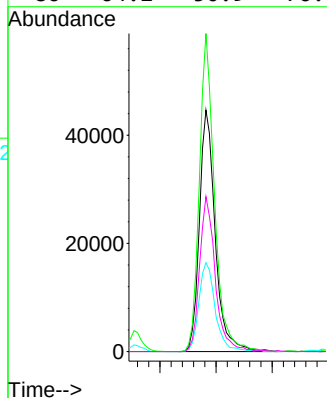
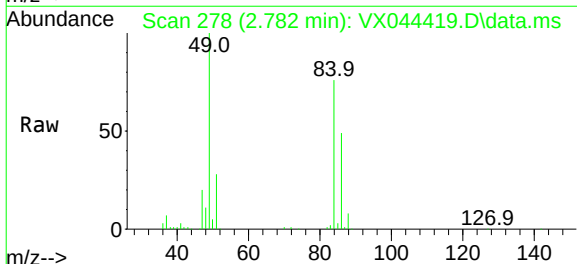
Ion Ratio Lower Upper

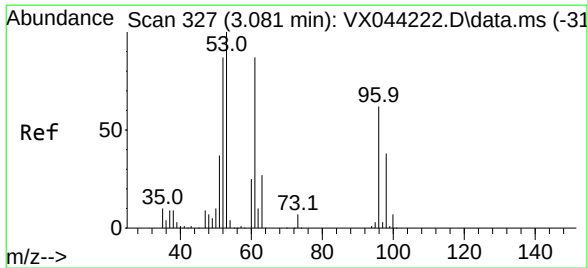
84 100

49 131.7 104.2 156.4

51 36.8 32.2 48.4

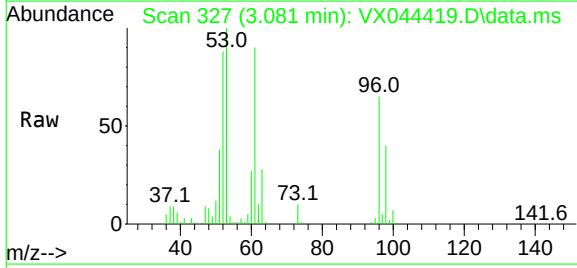
86 64.2 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 50.186 ug/l
RT: 3.081 min Scan# 327
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

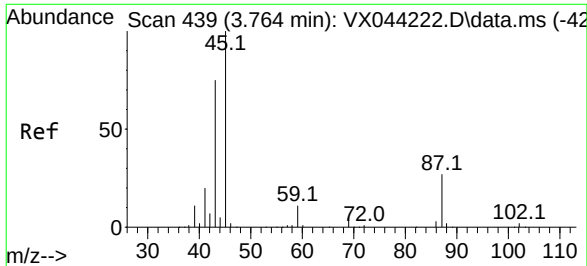
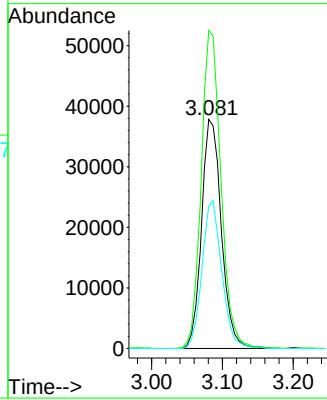
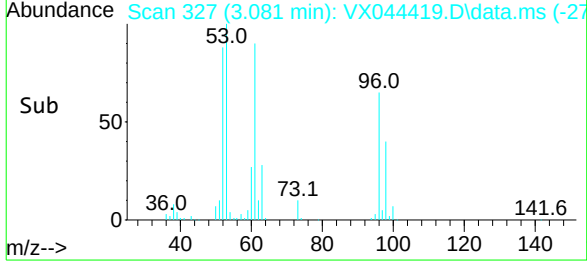
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



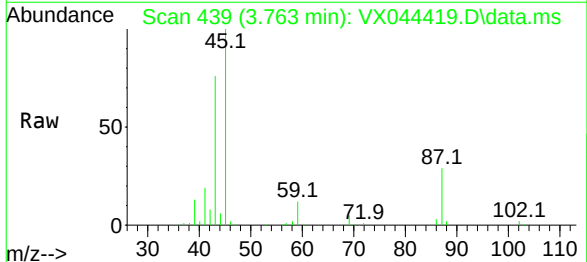
Tgt Ion: 96 Resp: 73529
Ion Ratio Lower Upper
96 100
61 138.7 112.0 168.0
98 62.2 48.8 73.2

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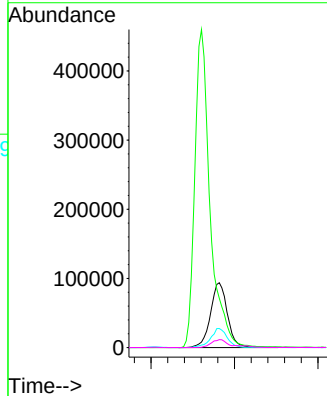
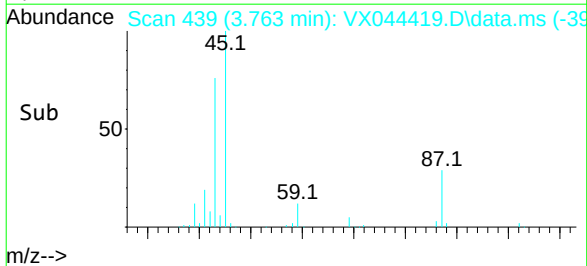
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

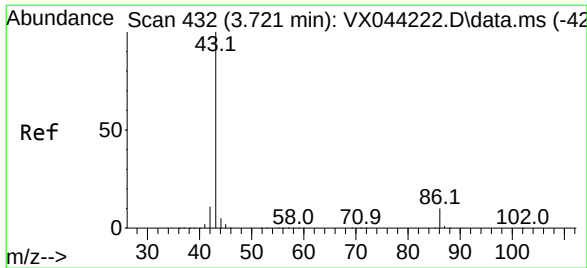


#22
Diisopropyl ether
Concen: 51.065 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14



Tgt Ion: 45 Resp: 264037
Ion Ratio Lower Upper
45 100
43 76.0 60.2 90.2
87 29.4 21.2 31.8
59 12.2 8.9 13.3





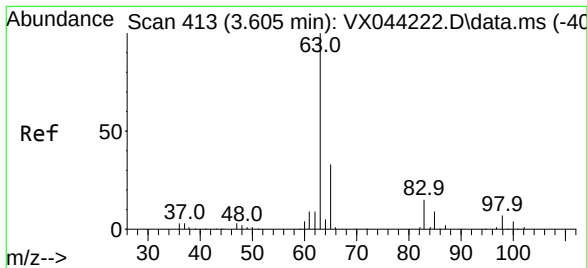
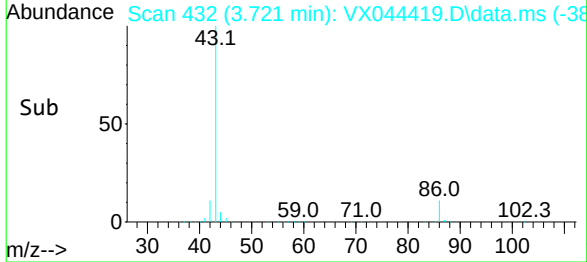
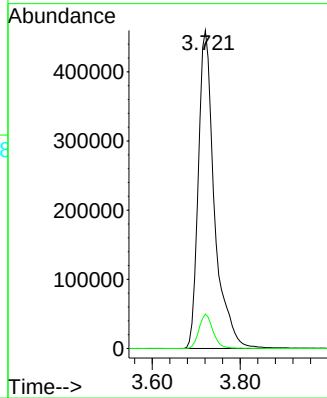
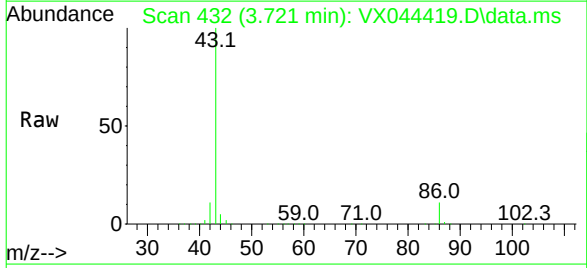
#23
 Vinyl Acetate
 Concen: 277.841 ug/l
 RT: 3.721 min Scan# 43
 Delta R.T. -0.000 min
 Lab File: VX044419.D
 Acq: 19 Dec 2024 07:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1167975
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.2 12.2

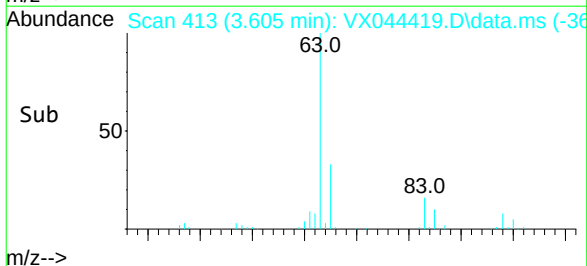
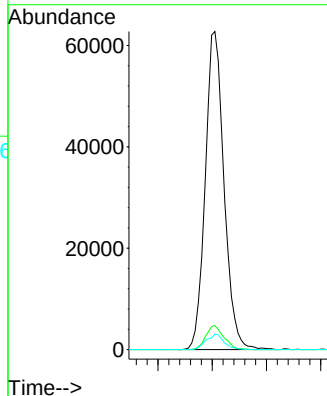
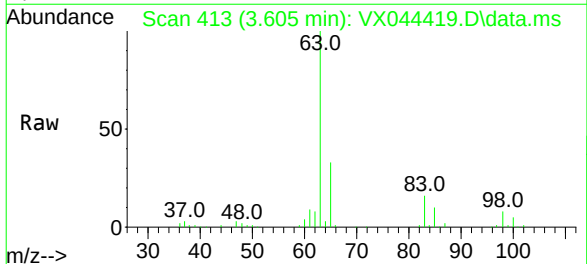
Manual Integrations
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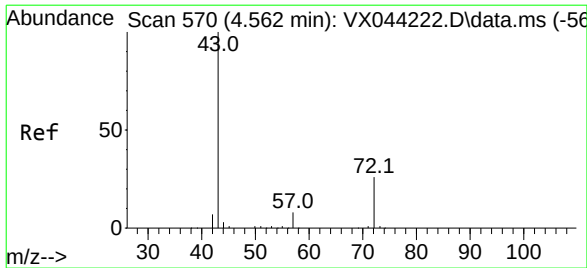
Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#24
 1,1-Dichloroethane
 Concen: 52.331 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX044419.D
 Acq: 19 Dec 2024 07:14

Tgt Ion: 63 Resp: 150830
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 4.9 2.1 6.3





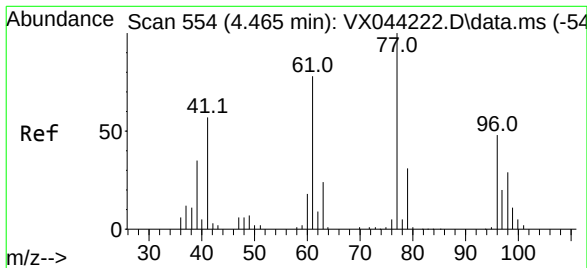
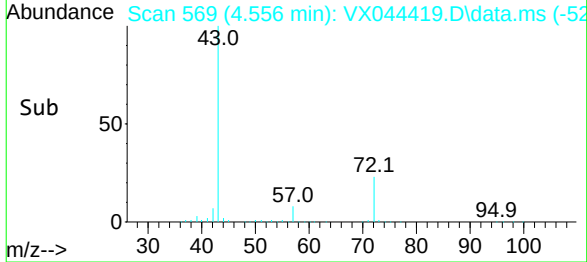
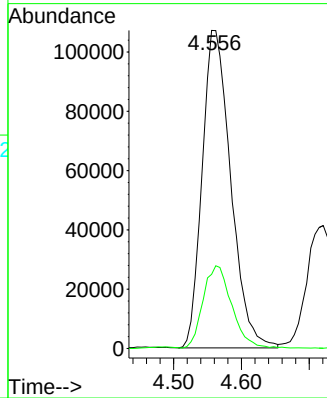
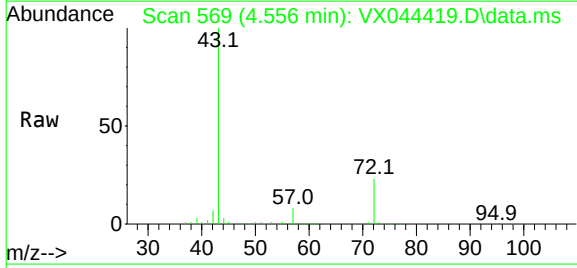
#25
2-Butanone
Concen: 251.145 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 313889
Ion Ratio Lower Upper
43 100
72 23.1 20.2 30.4

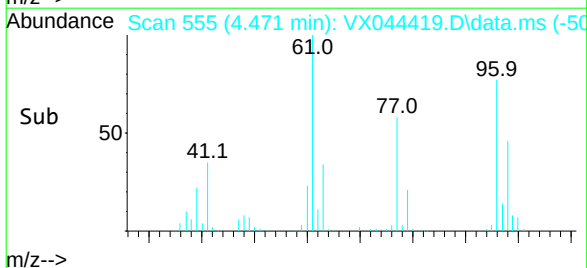
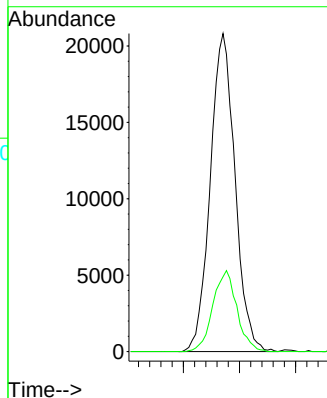
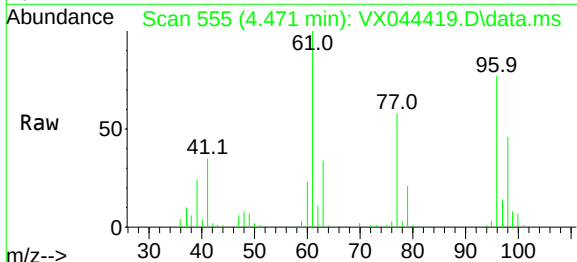
Manual Integrations
APPROVED

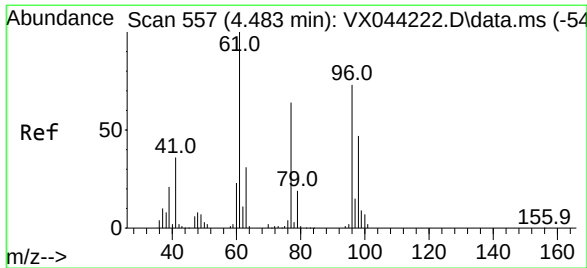
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#26
2,2-Dichloropropane
Concen: 27.229 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

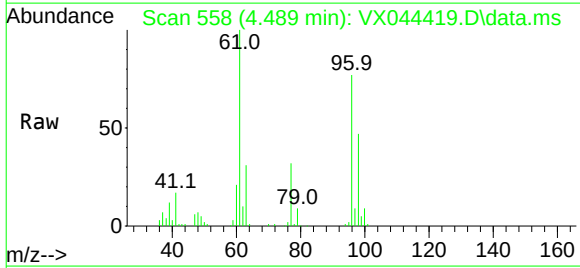
Tgt Ion: 77 Resp: 63758
Ion Ratio Lower Upper
77 100
97 24.7 10.7 32.1





#27
cis-1,2-Dichloroethene
Concen: 49.930 ug/l
RT: 4.489 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

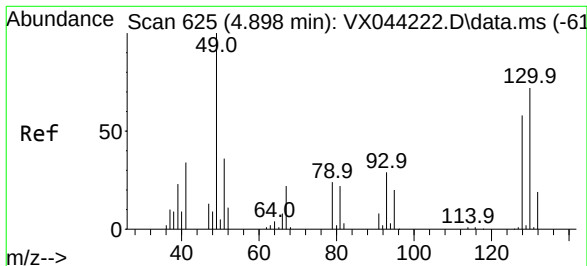
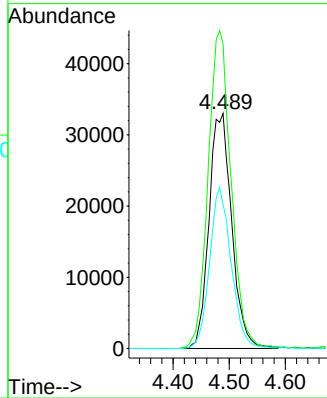
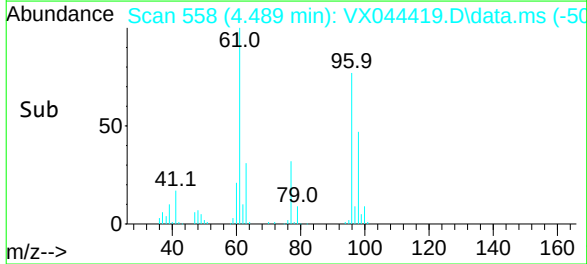
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



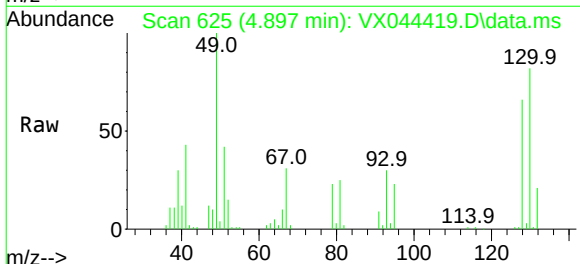
Tgt Ion: 96 Resp: 92907
Ion Ratio Lower Upper
96 100
61 136.6 0.0 299.0
98 65.1 0.0 129.0

Manual Integrations
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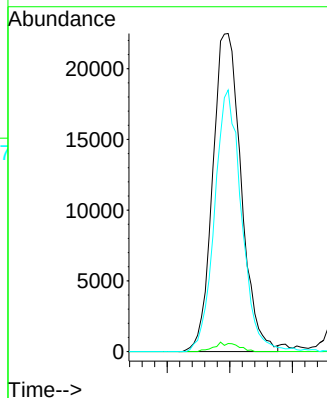
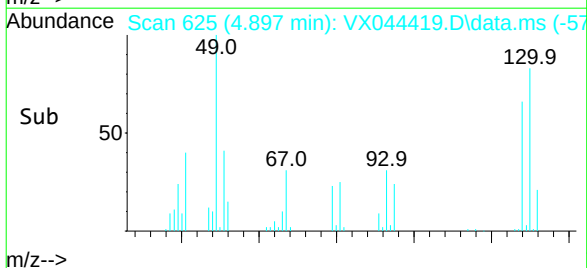
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

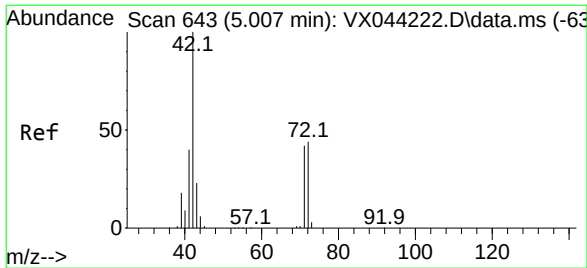


#28
Bromochloromethane
Concen: 50.366 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14



Tgt Ion: 49 Resp: 71184
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.2
130 77.9 62.1 93.1





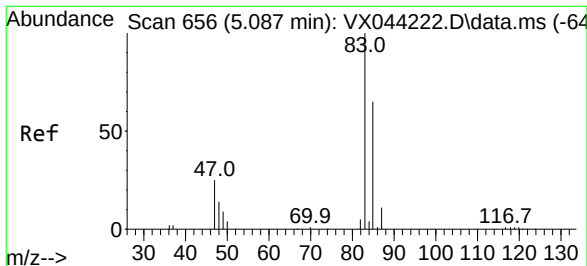
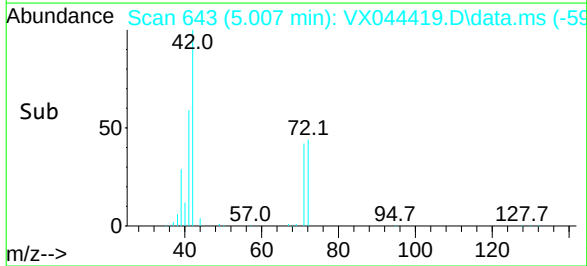
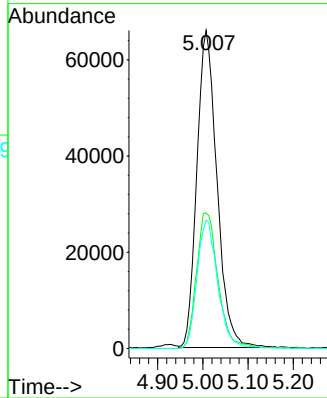
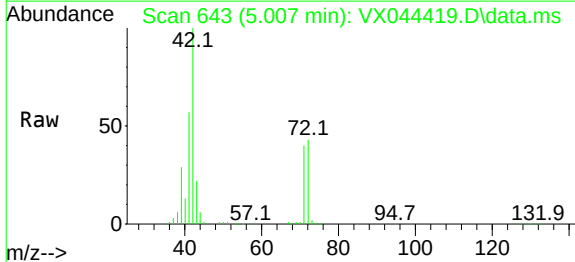
#29
Tetrahydrofuran
Concen: 254.175 ug/l
RT: 5.007 min Scan# 643
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 203906
Ion Ratio Lower Upper
42 100
72 46.0 37.0 55.6
71 41.6 33.6 50.4

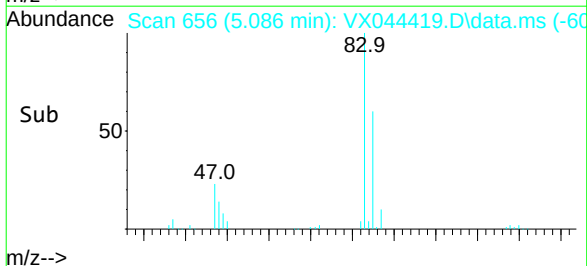
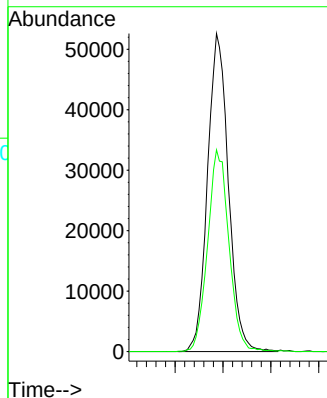
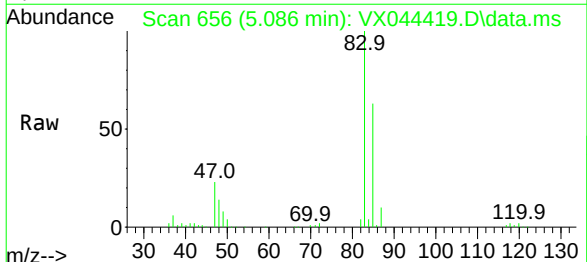
Manual Integrations
APPROVED

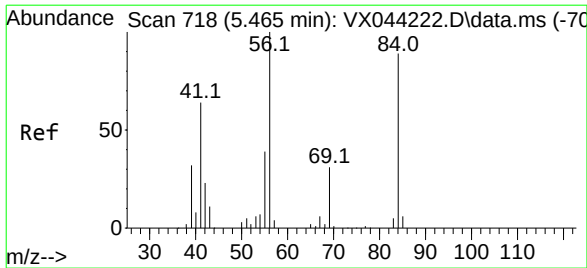
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#30
Chloroform
Concen: 49.178 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Tgt Ion: 83 Resp: 159252
Ion Ratio Lower Upper
83 100
85 63.3 51.6 77.4





#31

Cyclohexane

Concen: 42.827 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.000 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 99678

Ion Ratio Lower Upper

56 100

69 31.7 24.7 37.1

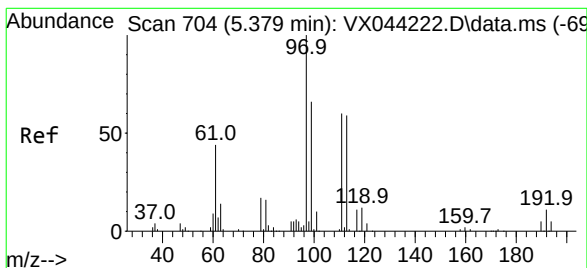
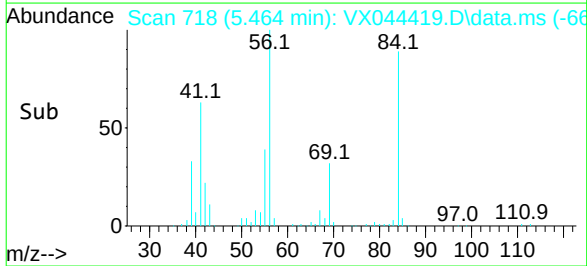
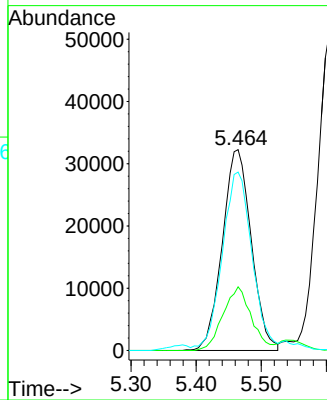
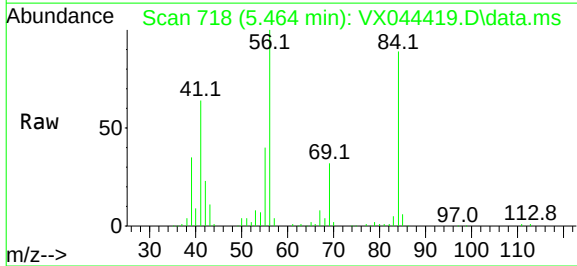
84 86.4 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#32

1,1,1-Trichloroethane

Concen: 48.640 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

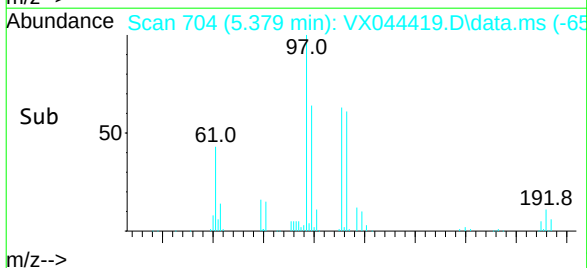
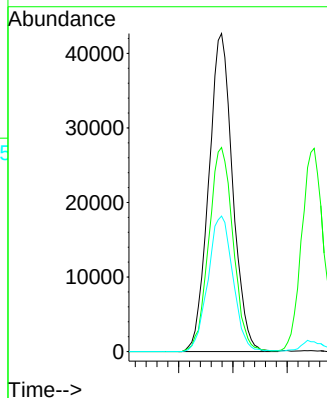
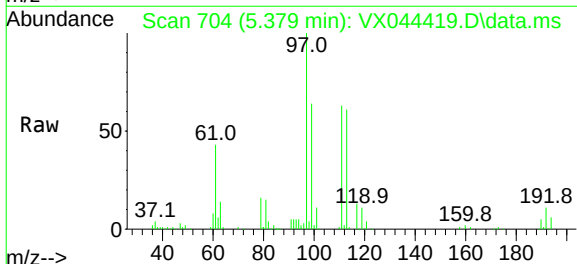
Tgt Ion: 97 Resp: 130746

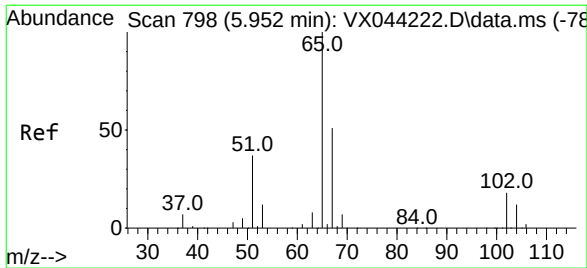
Ion Ratio Lower Upper

97 100

99 65.3 50.8 76.2

61 44.6 35.2 52.8





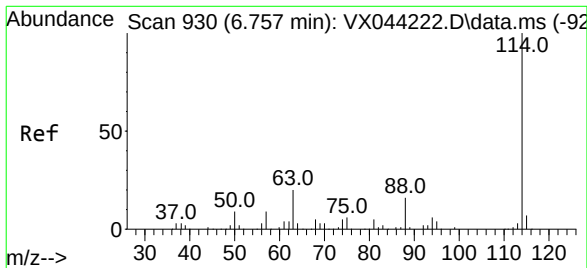
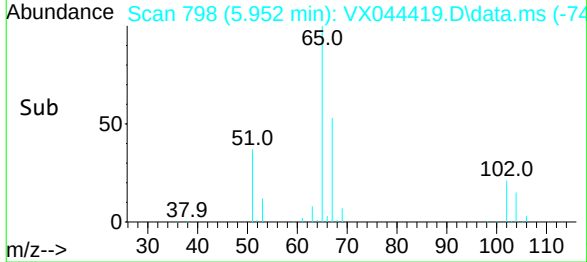
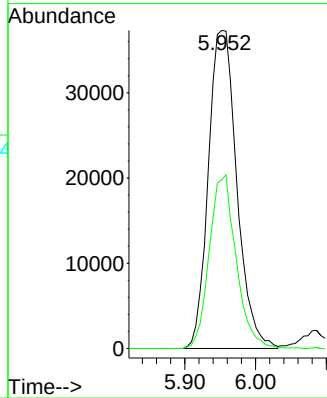
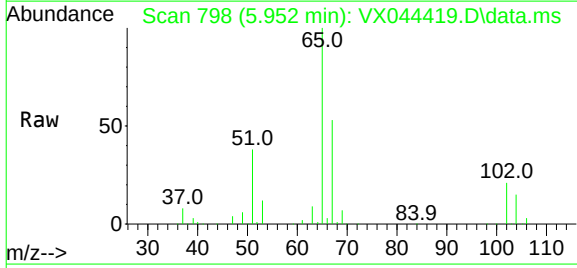
#33
1,2-Dichloroethane-d4
Concen: 48.341 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 104245
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.6

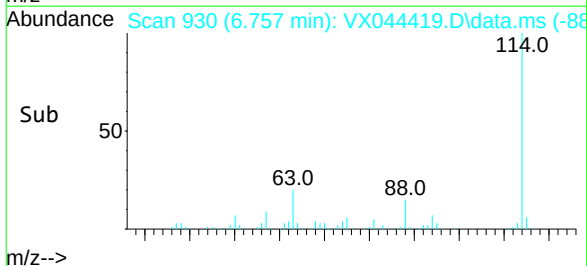
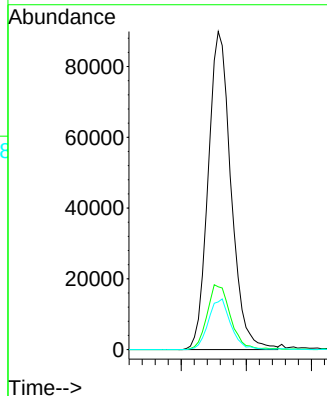
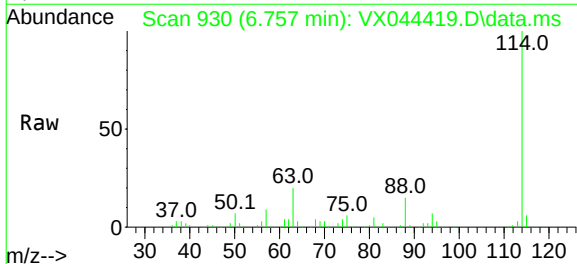
Manual Integrations
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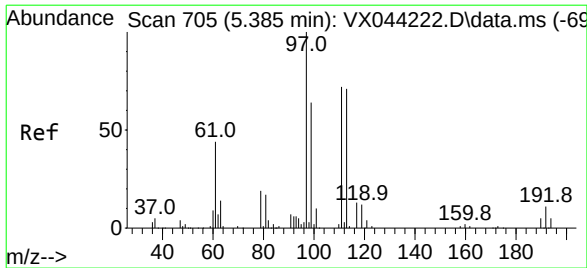
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Tgt Ion:114 Resp: 219241
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.6
88 15.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.285 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

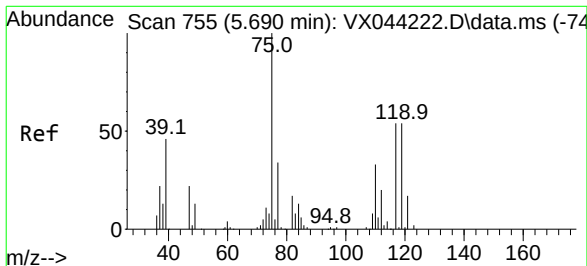
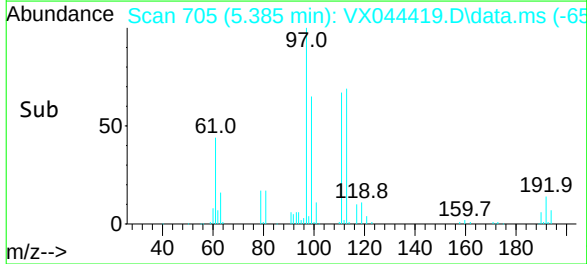
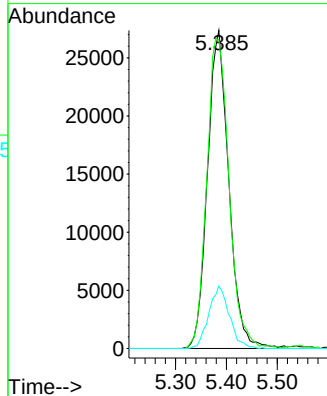
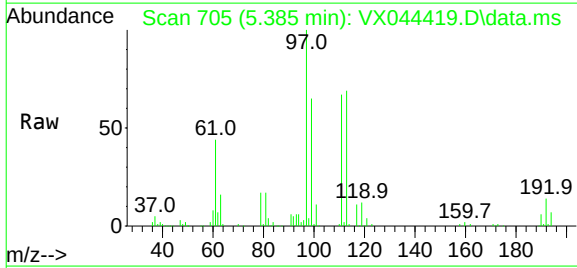
Tgt Ion:	113	Resp:	79392
Ion	Ratio	Lower	Upper
113	100		
111	102.6	80.4	120.6
192	19.0	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#36

1,1-Dichloropropene

Concen: 46.748 ug/l

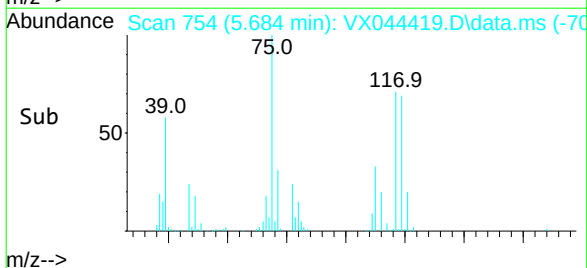
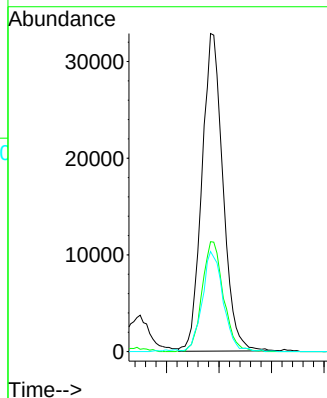
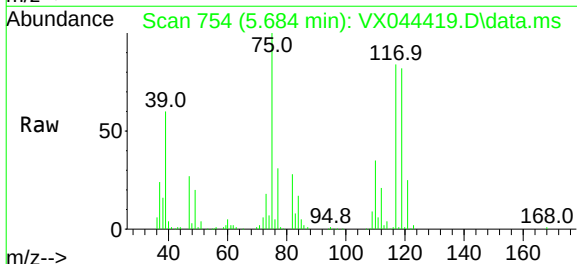
RT: 5.684 min Scan# 754

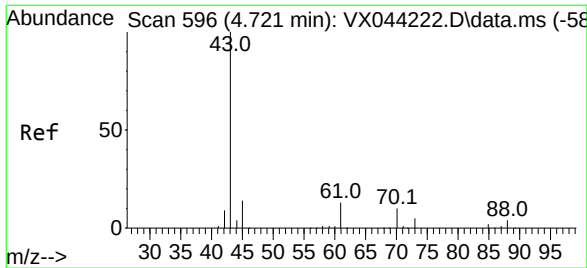
Delta R.T. -0.006 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

Tgt Ion:	75	Resp:	91756
Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.3	51.7
77	30.6	25.4	38.0





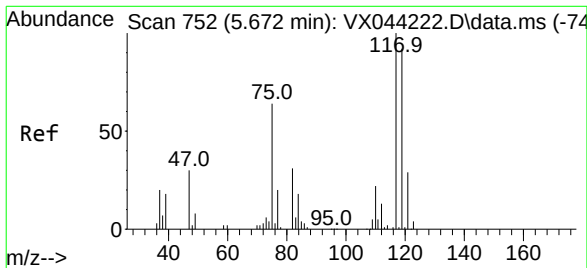
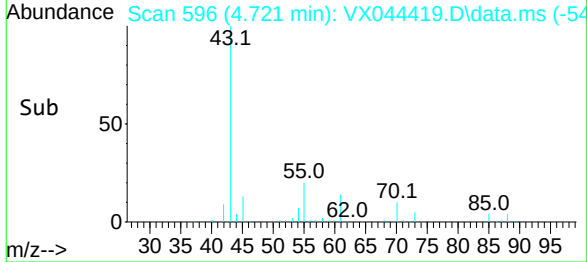
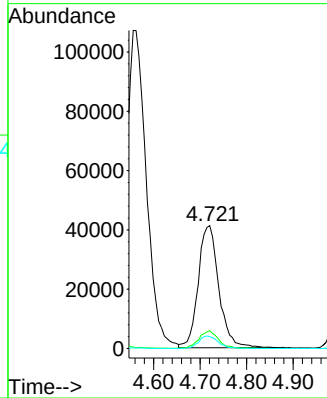
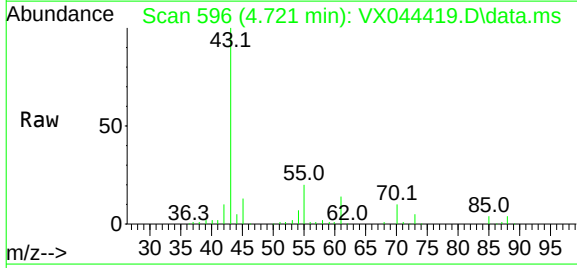
#37
Ethyl Acetate
Concen: 52.248 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	43	Resp:	126767
Ion	Ratio	Lower	Upper
43	100		
61	13.4	9.8	14.8
70	9.7	7.7	11.5

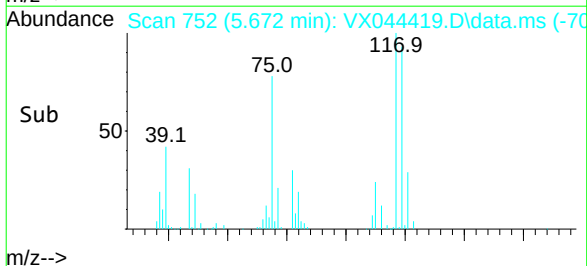
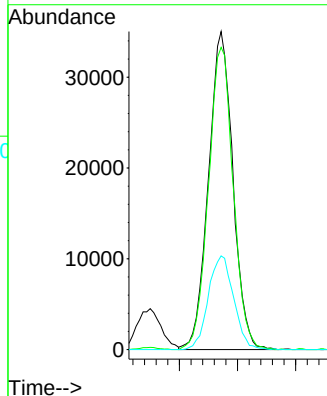
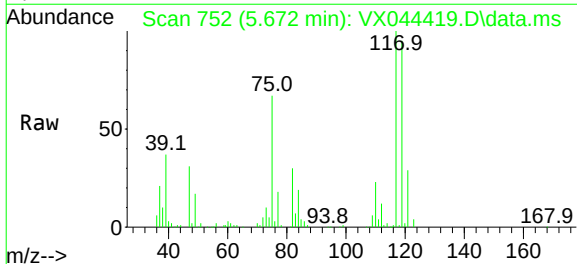
Manual Integrations
APPROVED

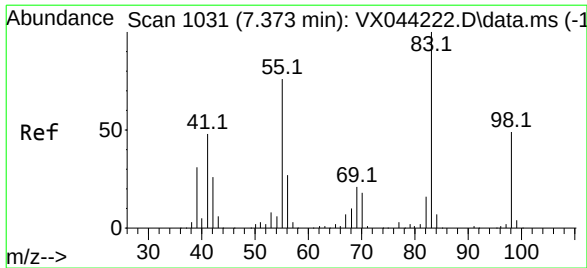
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#38
Carbon Tetrachloride
Concen: 48.416 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Tgt Ion:	117	Resp:	102311
Ion	Ratio	Lower	Upper
117	100		
119	95.0	74.2	111.4
121	29.5	23.0	34.6





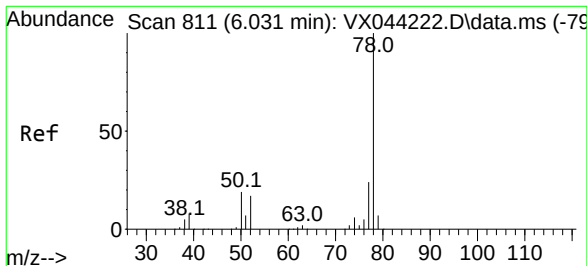
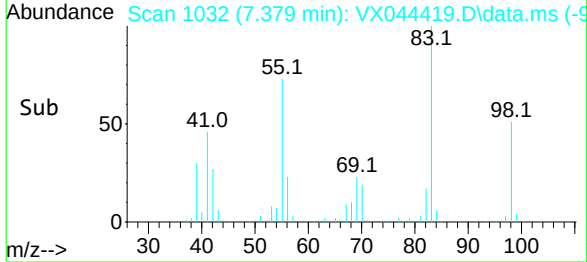
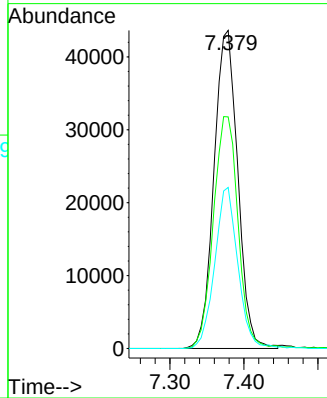
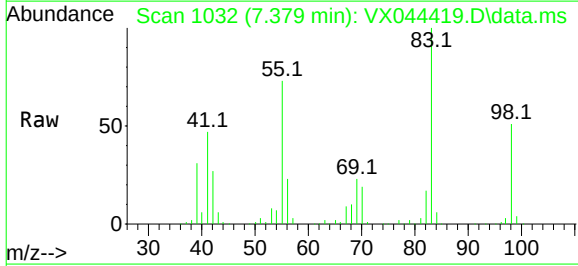
#39
Methylcyclohexane
Concen: 41.546 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 97486
Ion Ratio Lower Upper
83 100
55 72.8 60.7 91.1
98 50.6 38.9 58.3

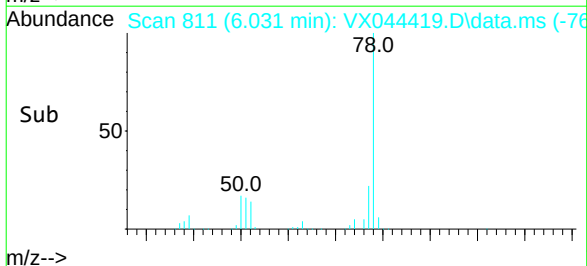
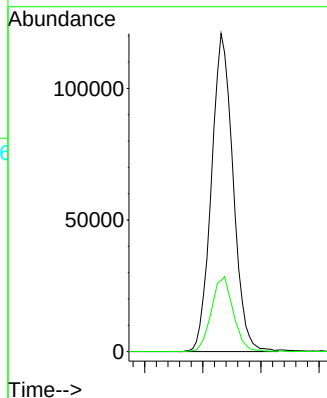
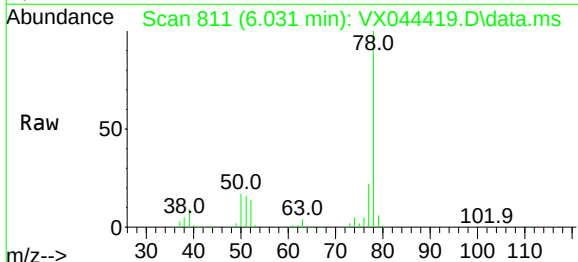
Manual Integrations
APPROVED

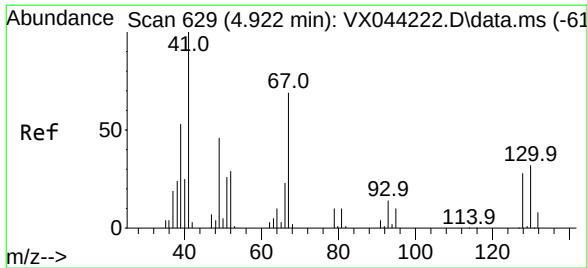
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#40
Benzene
Concen: 52.556 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Tgt Ion: 78 Resp: 313202
Ion Ratio Lower Upper
78 100
77 22.4 19.3 28.9





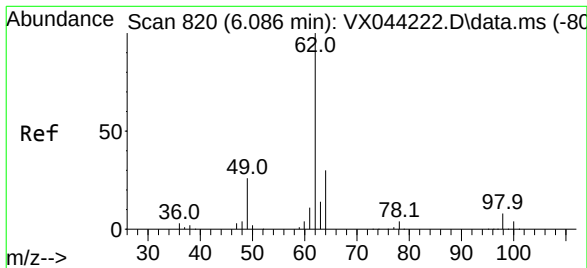
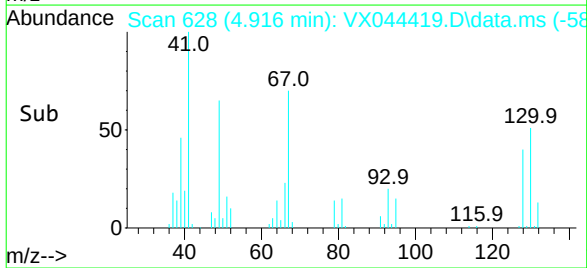
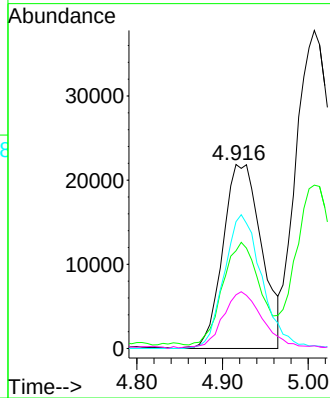
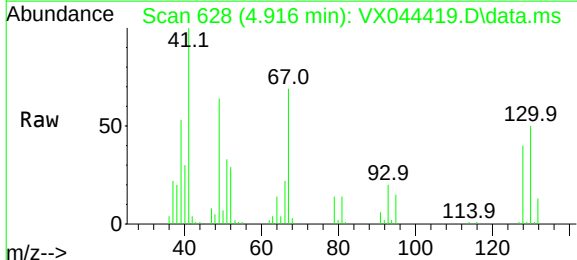
#41
Methacrylonitrile
Concen: 53.276 ug/l
RT: 4.916 min Scan# 62
Delta R.T. -0.006 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	68638
Ion	Ratio	Lower	Upper
41	100		
39	52.9	44.2	66.4
67	71.0	57.2	85.8
52	31.5	24.6	37.0

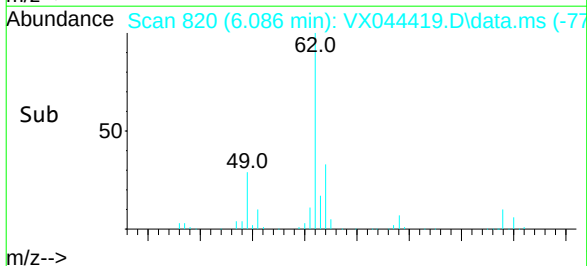
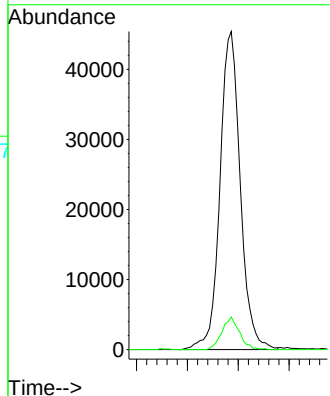
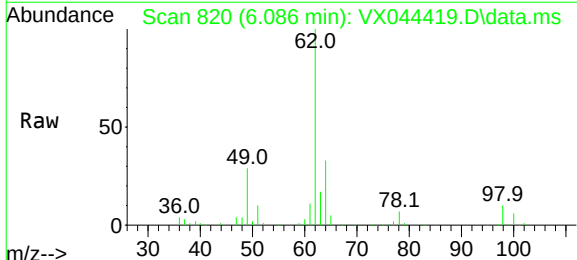
Manual Integrations
APPROVED

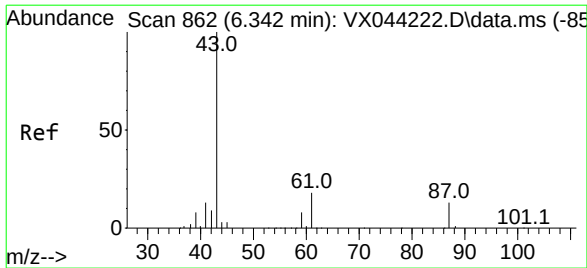
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#42
1,2-Dichloroethane
Concen: 51.349 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Tgt Ion:	62	Resp:	126056
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	15.8





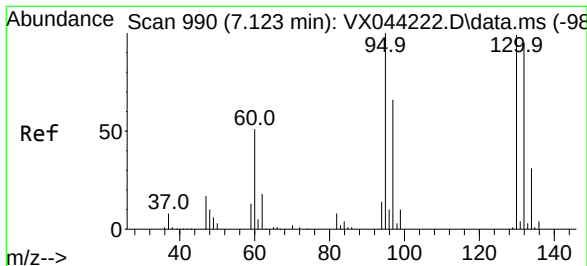
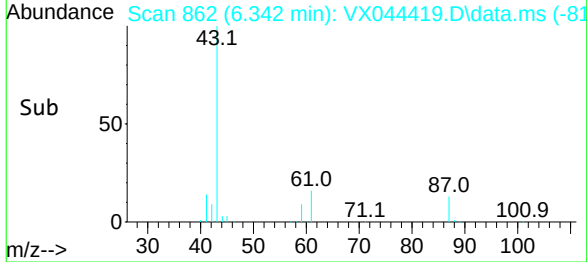
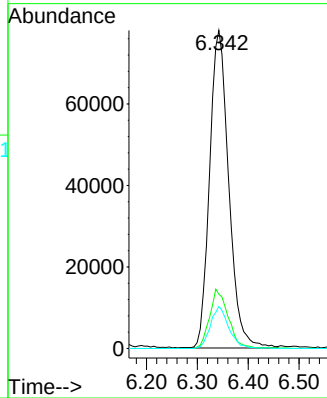
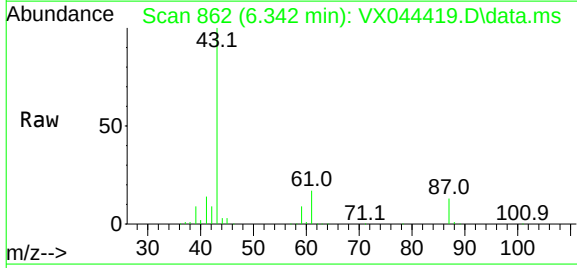
#43
Isopropyl Acetate
Concen: 53.759 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 203865
Ion Ratio Lower Upper
43 100
61 18.1 14.2 21.2
87 12.6 10.2 15.2

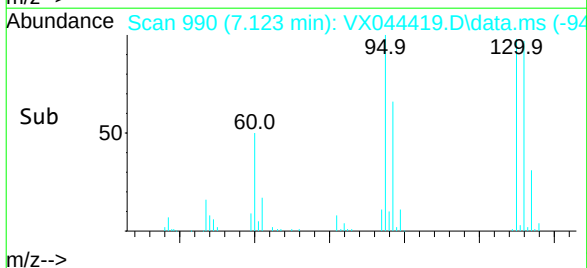
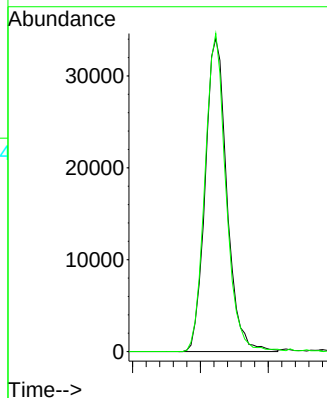
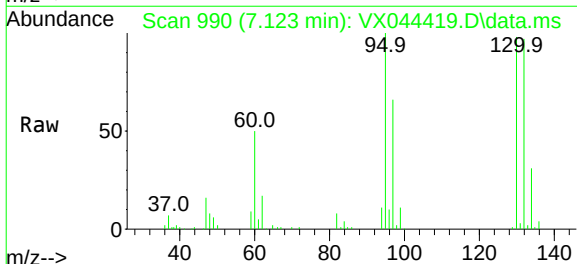
Manual Integrations
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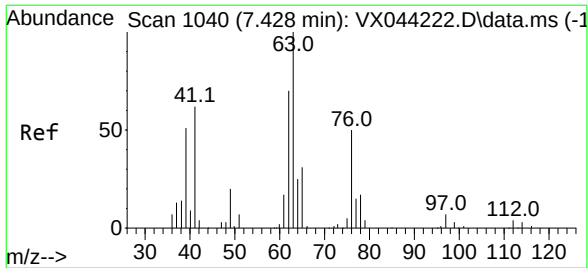
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#44
Trichloroethene
Concen: 50.868 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Tgt Ion:130 Resp: 75596
Ion Ratio Lower Upper
130 100
95 101.6 0.0 201.4





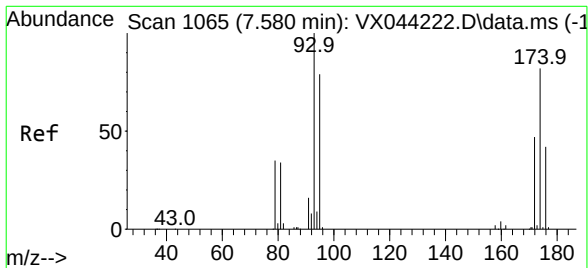
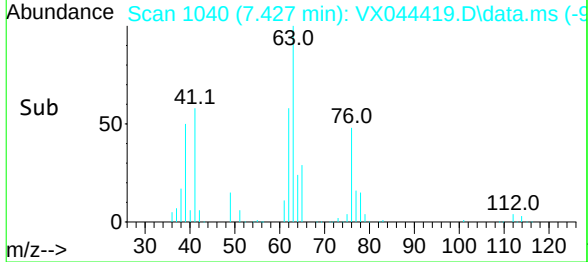
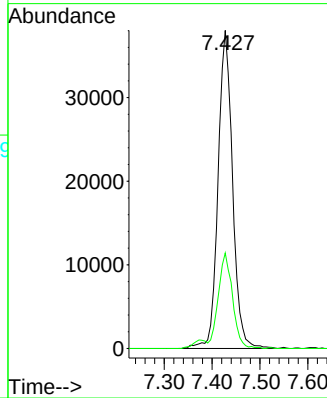
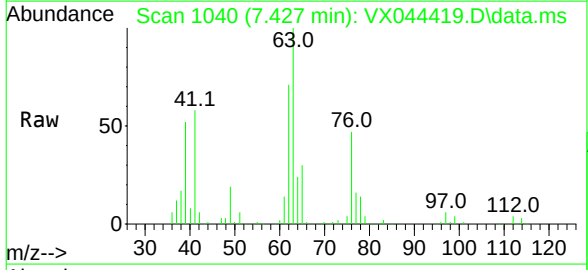
#45
1,2-Dichloropropane
Concen: 52.553 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 80013
Ion Ratio Lower Upper
63 100
65 30.0 24.6 37.0

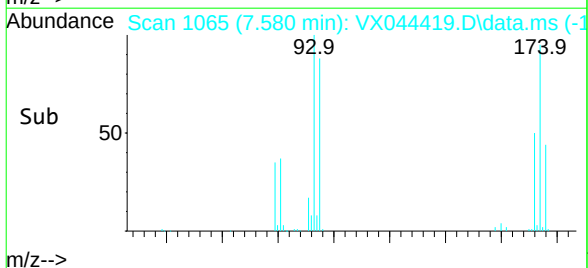
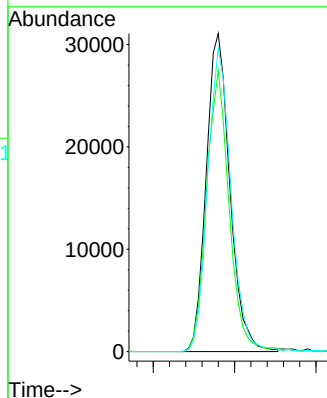
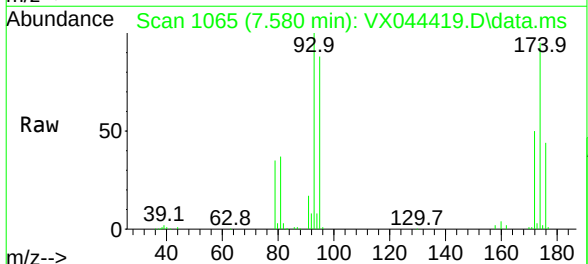
Manual Integrations
APPROVED

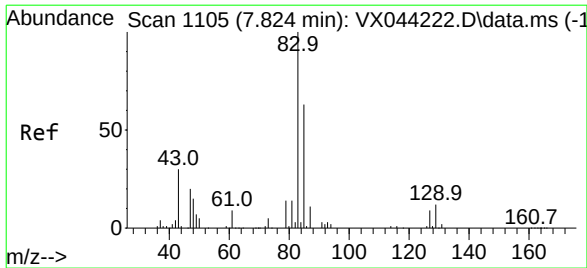
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#46
Dibromomethane
Concen: 53.185 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Tgt Ion: 93 Resp: 62821
Ion Ratio Lower Upper
93 100
95 84.7 65.4 98.2
174 94.7 67.9 101.9





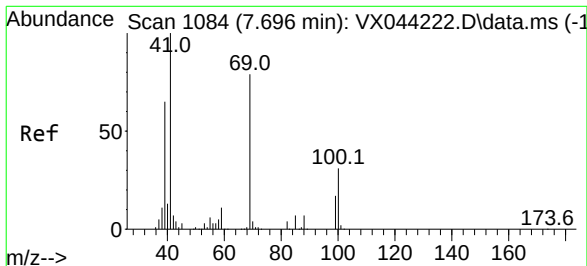
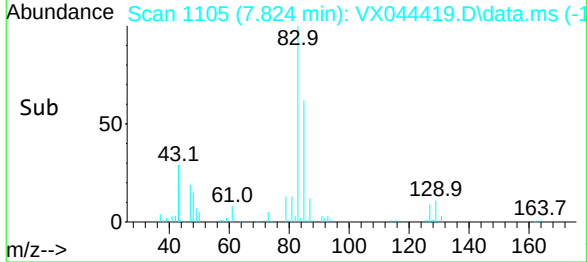
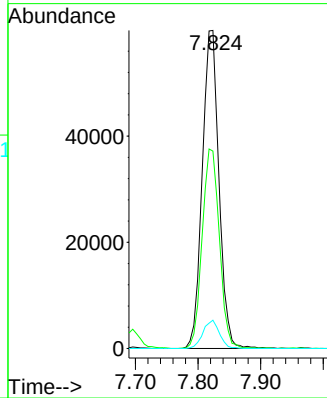
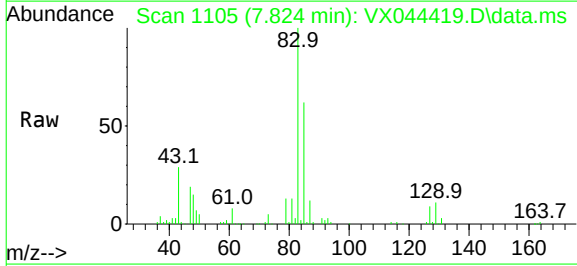
#47
Bromodichloromethane
Concen: 54.439 ug/l
RT: 7.824 min Scan# 11053
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 111053
Ion Ratio Lower Upper
83 100
85 62.1 50.6 75.8
127 8.9 7.3 10.9

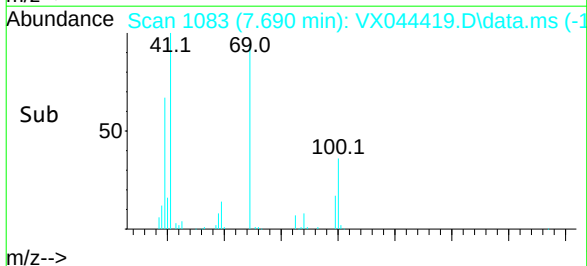
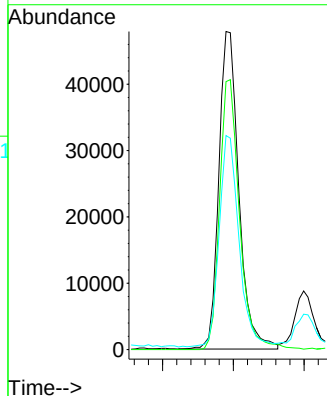
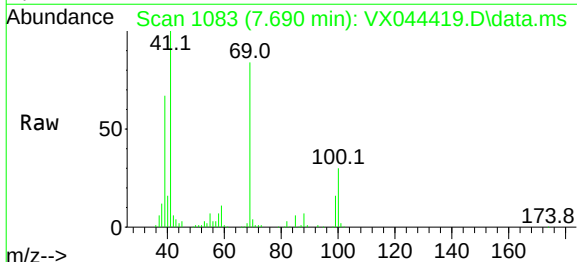
Manual Integrations
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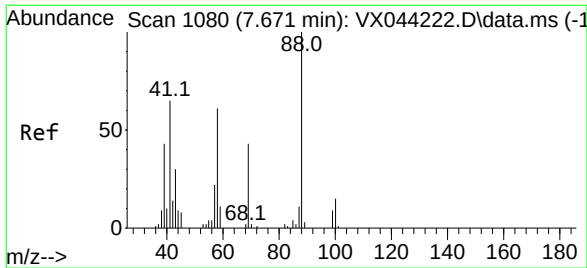
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#48
Methyl methacrylate
Concen: 50.984 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Tgt Ion: 41 Resp: 93853
Ion Ratio Lower Upper
41 100
69 84.8 62.4 93.6
39 65.7 53.3 79.9





#49

1,4-Dioxane

Concen: 927.969 ug/l

RT: 7.665 min Scan# 1080

Delta R.T. -0.006 min

Lab File: VX044419.D

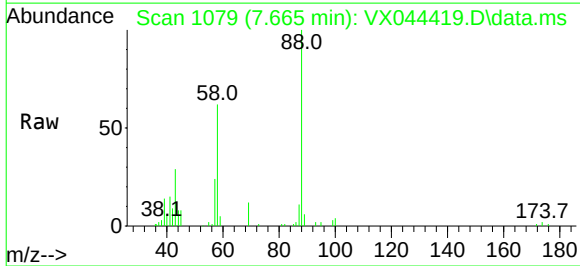
Acq: 19 Dec 2024 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 88 Resp: 28322

Ion Ratio Lower Upper

88 100

43 37.9 27.1 40.7

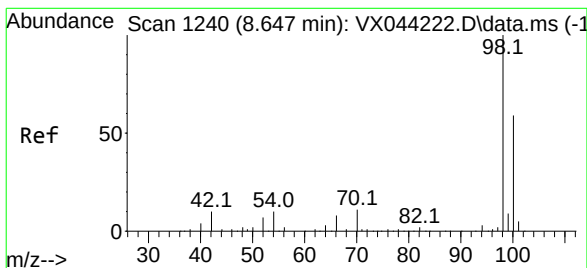
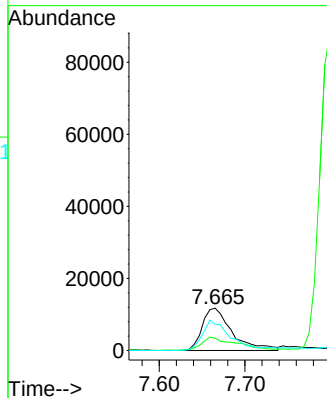
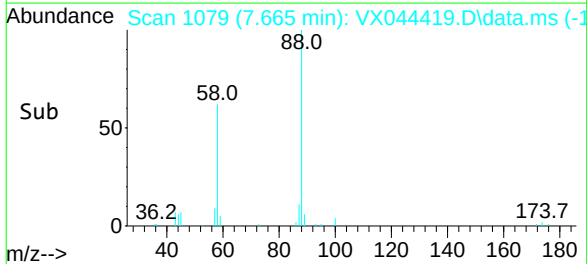
58 65.7 41.0 61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#50

Toluene-d8

Concen: 49.641 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX044419.D

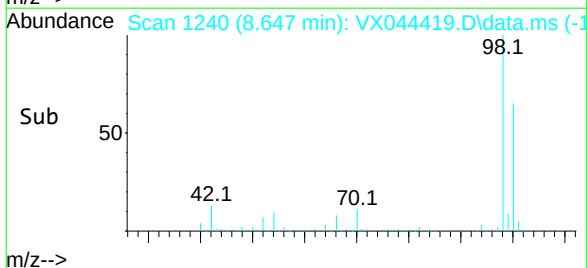
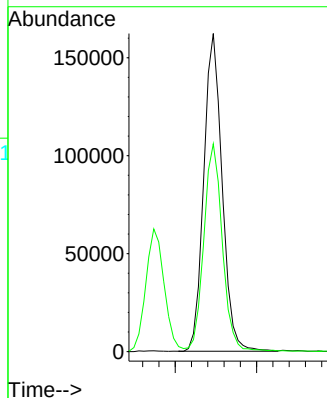
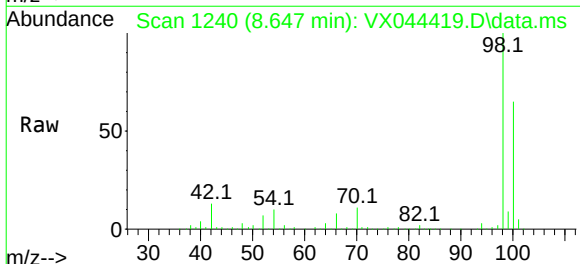
Acq: 19 Dec 2024 07:14

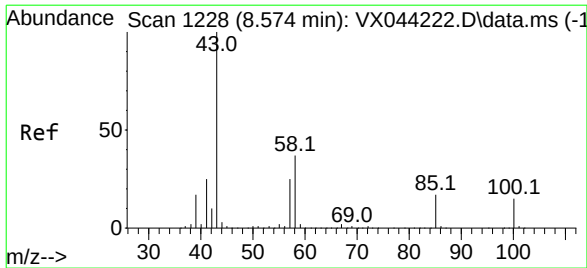
Tgt Ion: 98 Resp: 254301

Ion Ratio Lower Upper

98 100

100 65.9 51.5 77.3





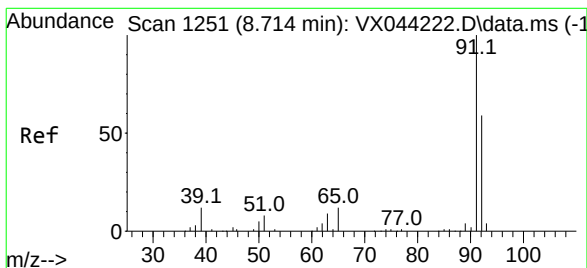
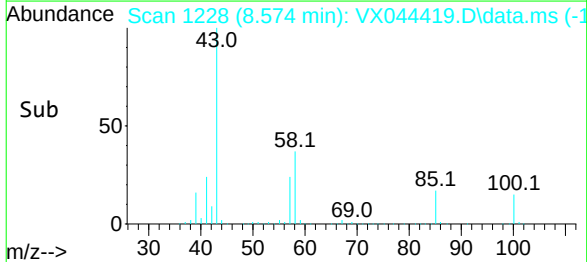
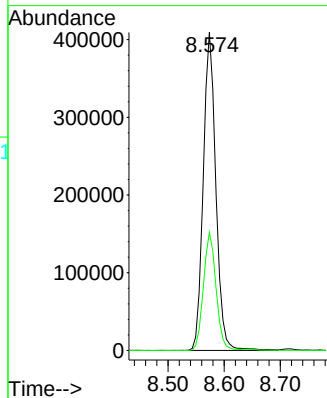
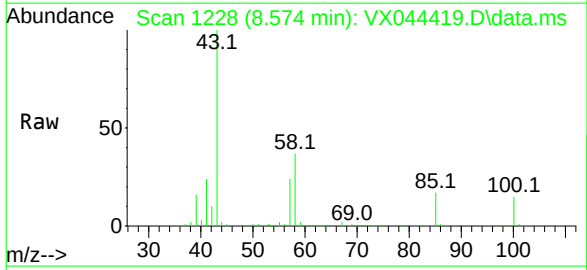
#51
4-Methyl-2-Pentanone
Concen: 261.345 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 637240
Ion Ratio Lower Upper
43 100
58 37.2 29.4 44.0

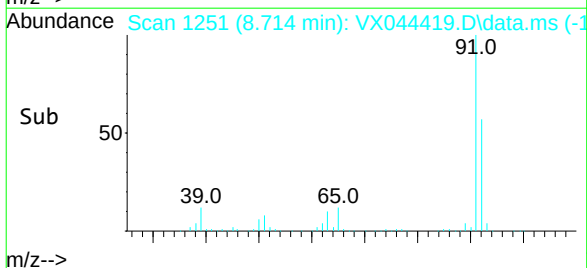
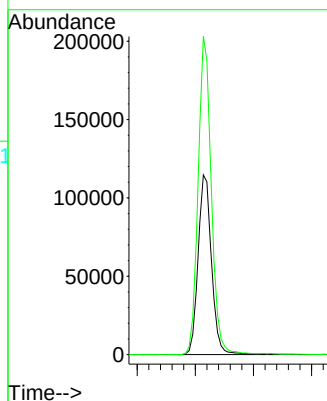
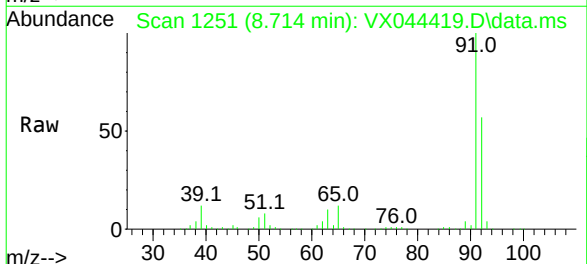
Manual Integrations
APPROVED

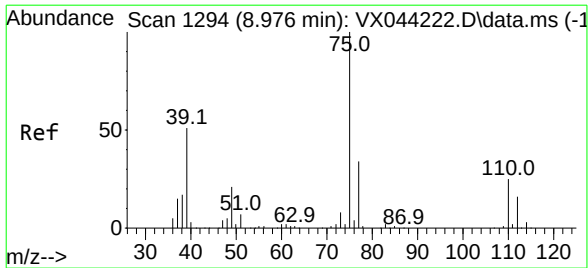
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#52
Toluene
Concen: 49.148 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

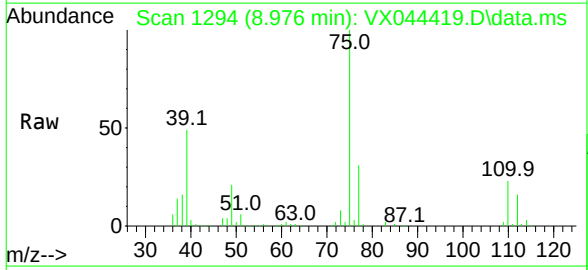
Tgt Ion: 92 Resp: 183930
Ion Ratio Lower Upper
92 100
91 173.8 137.0 205.6





#53
 t-1,3-Dichloropropene
 Concen: 46.368 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: VX044419.D
 Acq: 19 Dec 2024 07:14

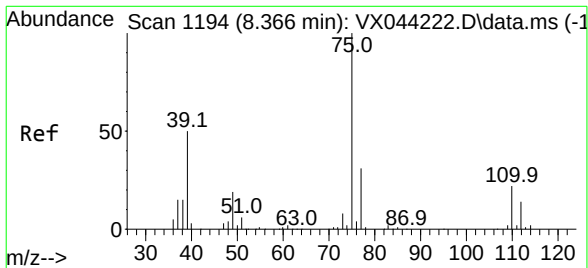
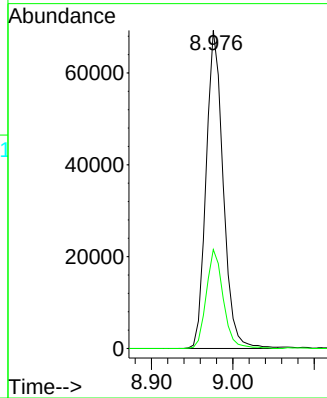
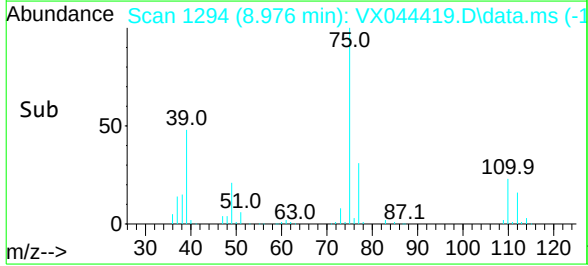
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 75 Resp: 100994
 Ion Ratio Lower Upper
 75 100
 77 31.1 27.2 40.8

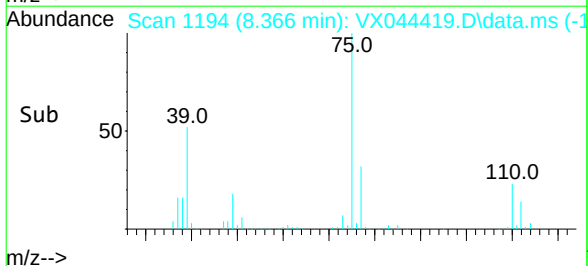
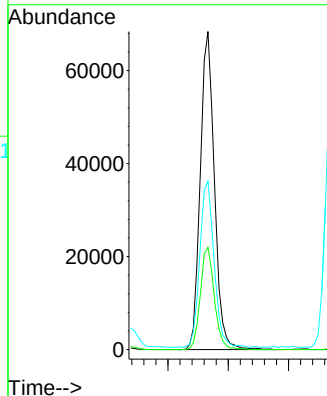
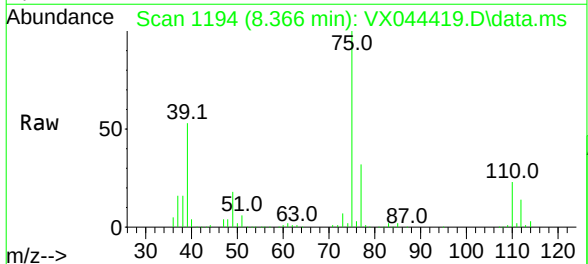
Manual Integrations
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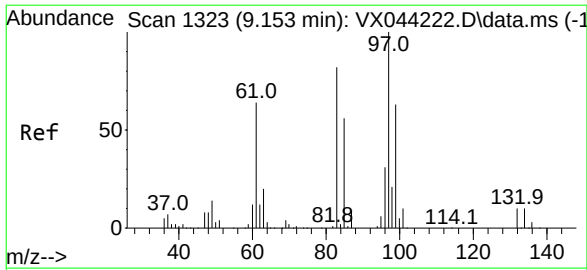
Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#54
 cis-1,3-Dichloropropene
 Concen: 50.228 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX044419.D
 Acq: 19 Dec 2024 07:14

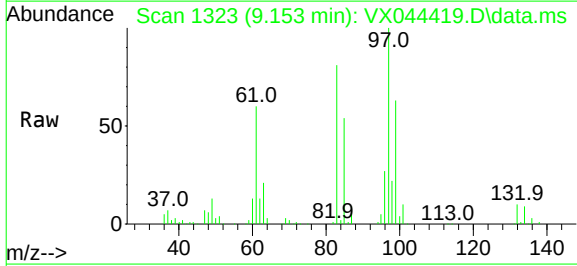
Tgt Ion: 75 Resp: 111565
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.7 37.1
 39 52.3 40.3 60.5





#55
1,1,2-Trichloroethane
Concen: 53.407 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

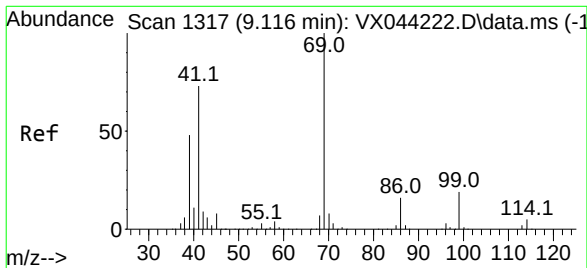
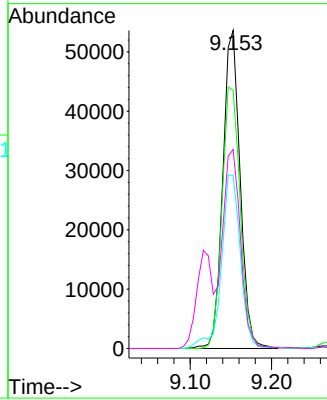
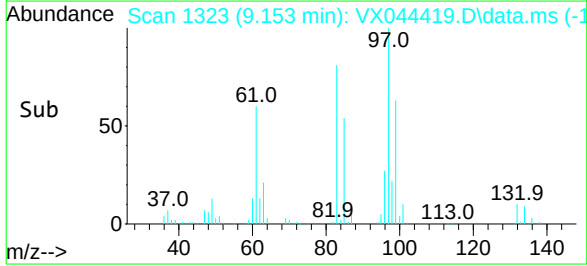
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.2	65.3	97.9
85	54.4	44.6	67.0
99	62.6	50.2	75.2

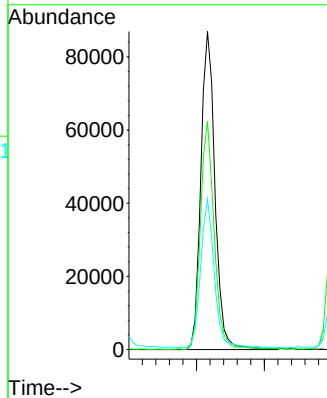
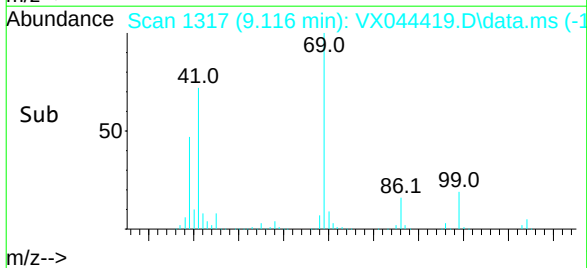
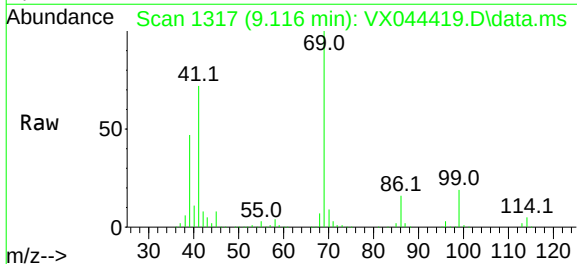
Manual Integrations
APPROVED

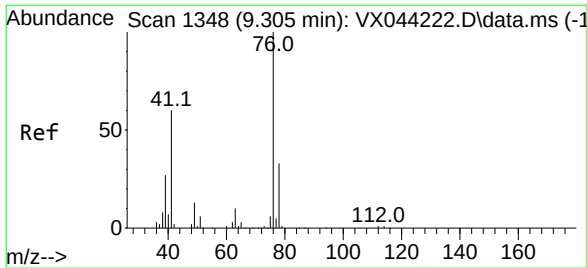
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#56
Ethyl methacrylate
Concen: 53.432 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

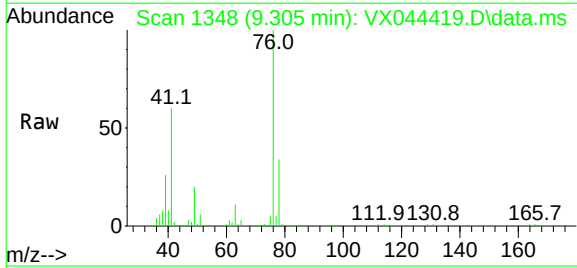
Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.9	56.6	85.0
39	45.7	37.4	56.0





#57
1,3-Dichloropropane
Concen: 52.210 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

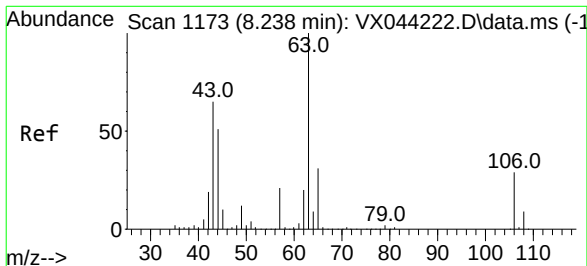
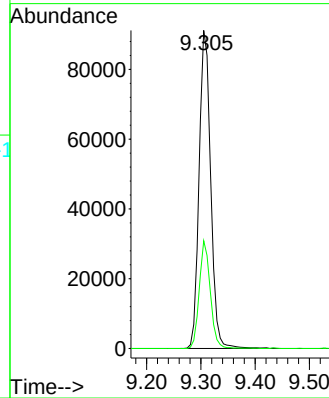
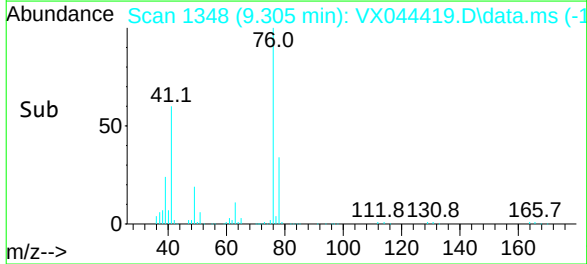
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 135107
Ion Ratio Lower Upper
76 100
78 32.2 26.5 39.7

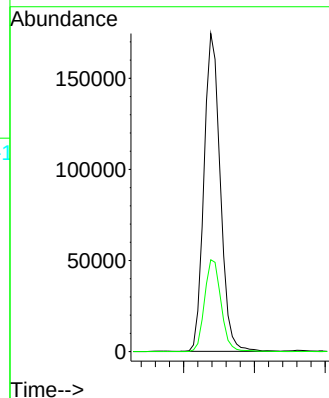
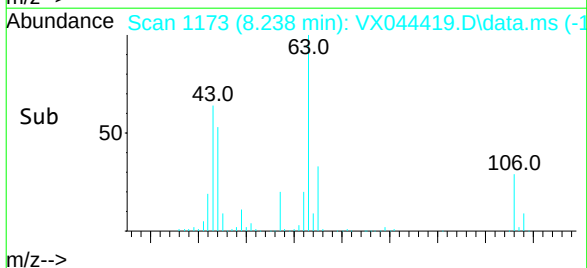
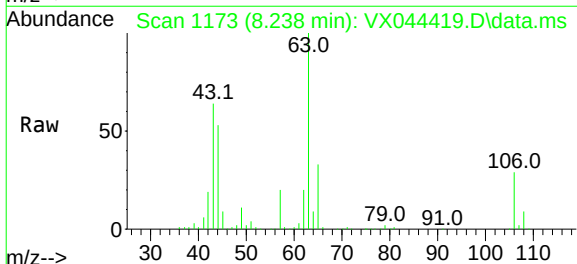
Manual Integrations
APPROVED

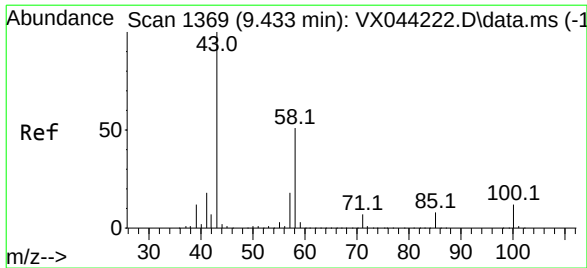
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#58
2-Chloroethyl Vinyl ether
Concen: 235.938 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Tgt Ion: 63 Resp: 279300
Ion Ratio Lower Upper
63 100
106 29.3 22.8 34.2





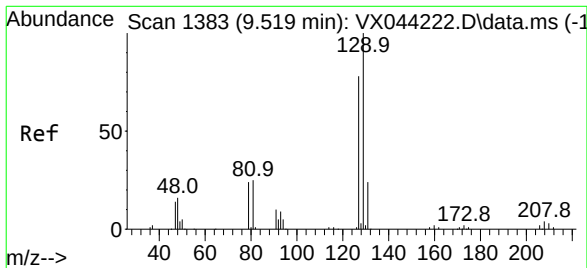
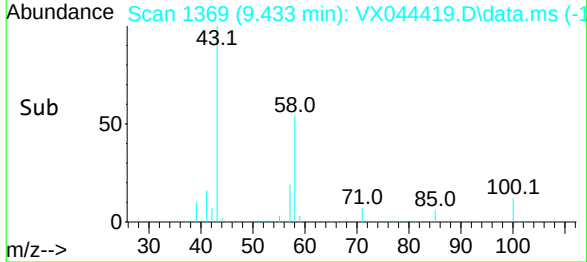
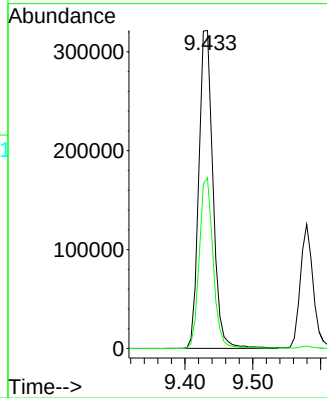
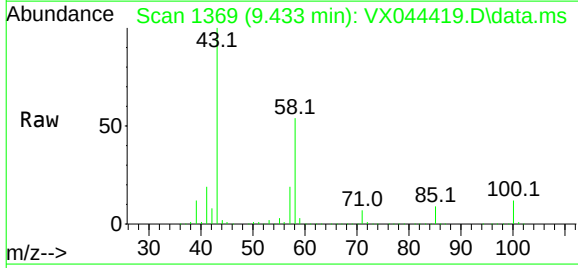
#59
2-Hexanone
Concen: 263.434 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 464936
Ion Ratio Lower Upper
43 100
58 52.7 25.7 77.0

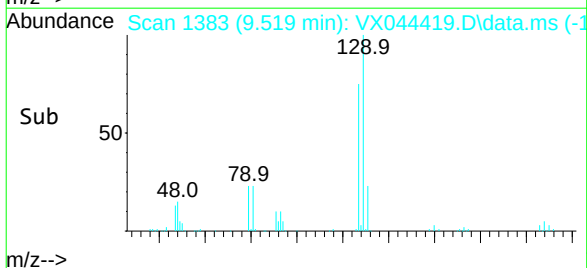
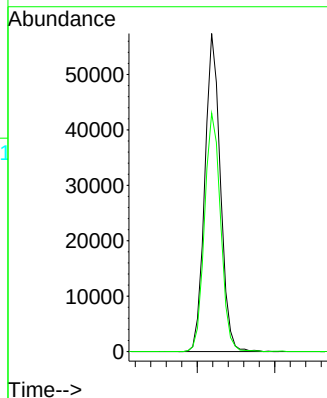
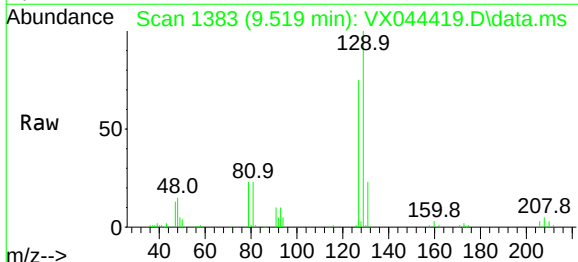
Manual Integrations
APPROVED

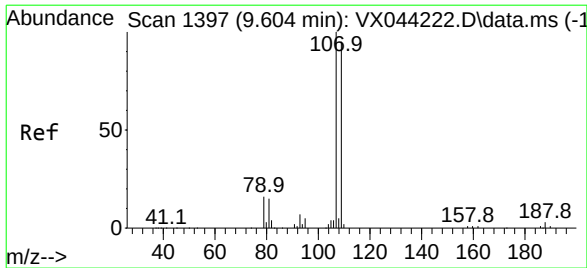
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#60
Dibromochloromethane
Concen: 50.717 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

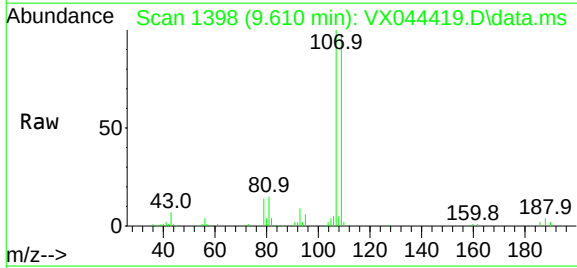
Tgt Ion:129 Resp: 79931
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.3





#61
1,2-Dibromoethane
Concen: 54.026 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

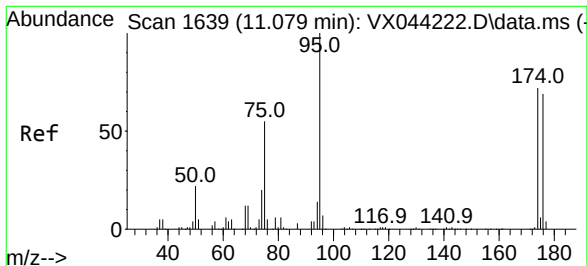
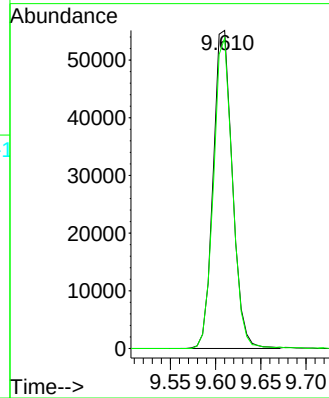
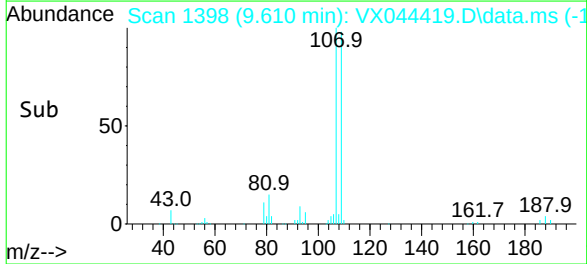
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 107 Resp: 81759
Ion Ratio Lower Upper
107 100
109 96.1 77.0 115.4

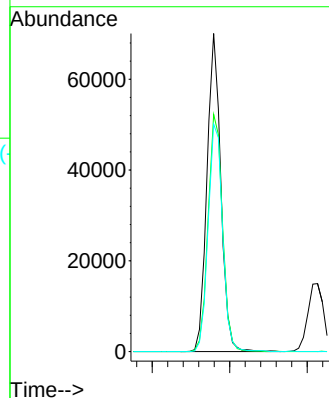
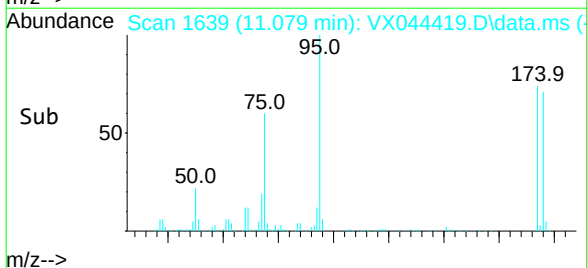
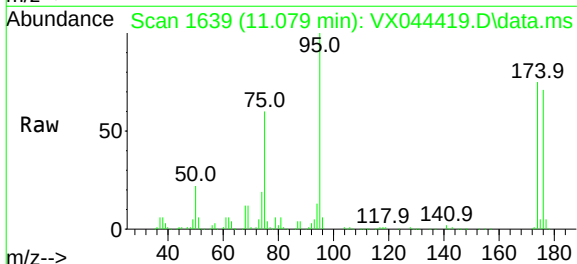
Manual Integrations
APPROVED

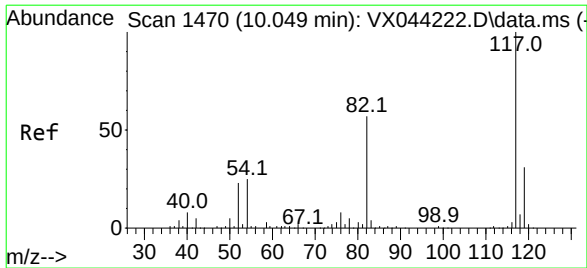
Reviewed By : John Carlone 12/20/2024
Supervised By : Mahesh Dadoda 12/20/2024



#62
4-Bromofluorobenzene
Concen: 48.509 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Tgt Ion: 95 Resp: 86833
Ion Ratio Lower Upper
95 100
174 78.0 0.0 145.8
176 74.8 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

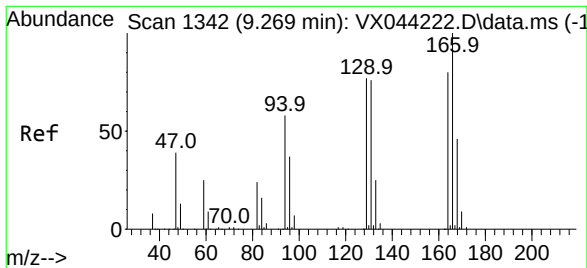
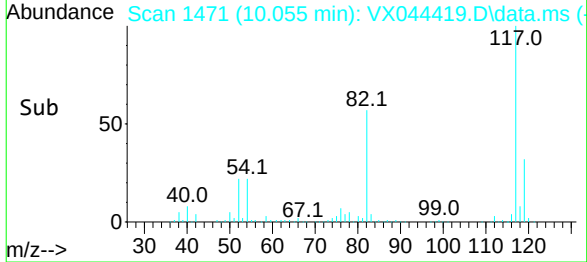
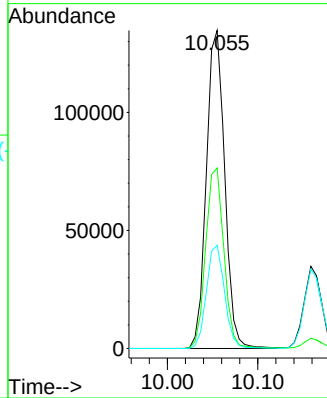
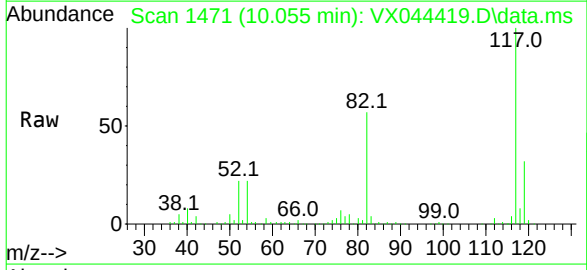
Tgt Ion:	117	Resp:	189779
Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.8	68.8
119	32.5	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#64

Tetrachloroethene

Concen: 46.221 ug/l

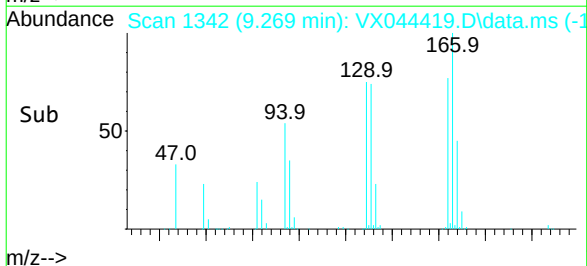
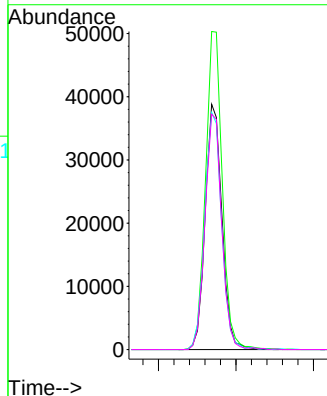
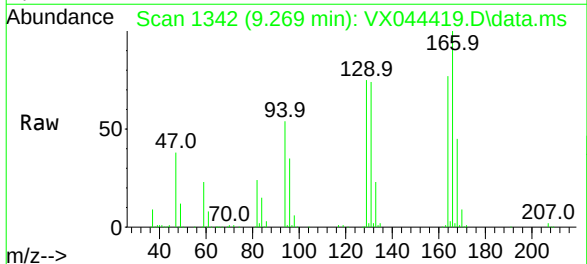
RT: 9.269 min Scan# 1342

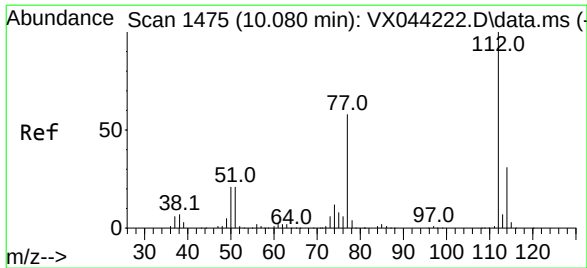
Delta R.T. -0.000 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

Tgt Ion:	164	Resp:	58220
Ion	Ratio	Lower	Upper
164	100		
166	129.7	100.4	150.6
129	96.7	77.2	115.8
131	96.0	76.2	114.2





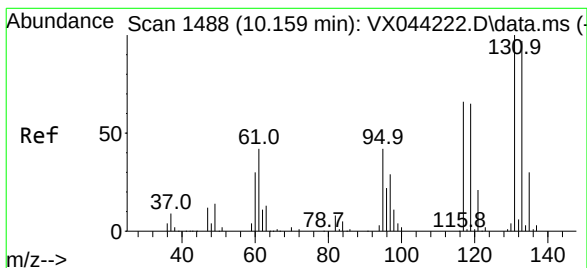
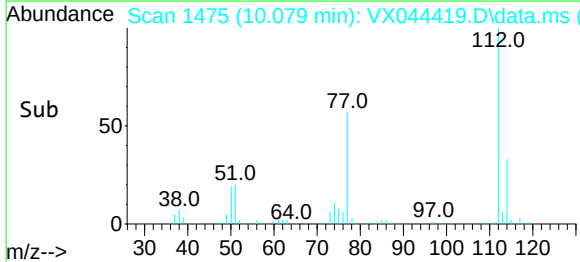
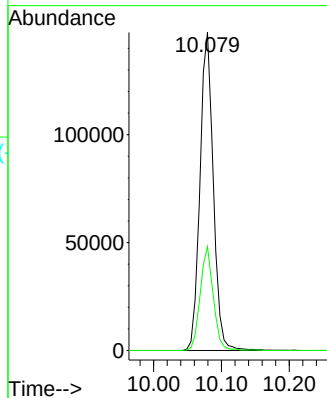
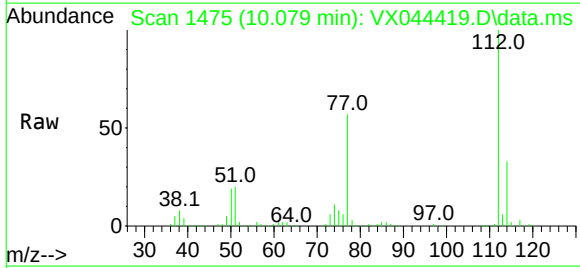
#65
Chlorobenzene
Concen: 49.379 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 200803
Ion Ratio Lower Upper
112 100
114 32.7 25.0 37.6

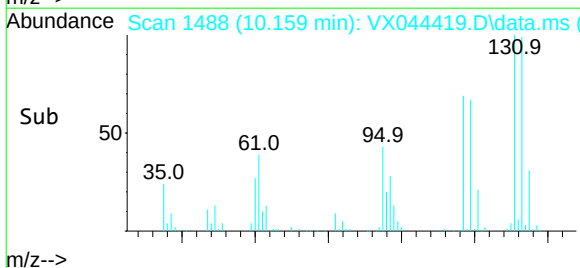
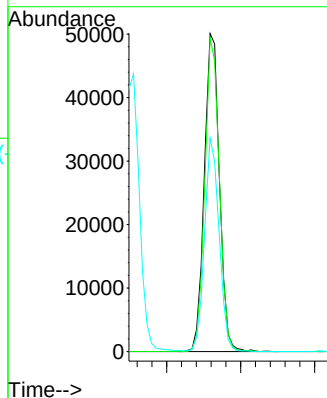
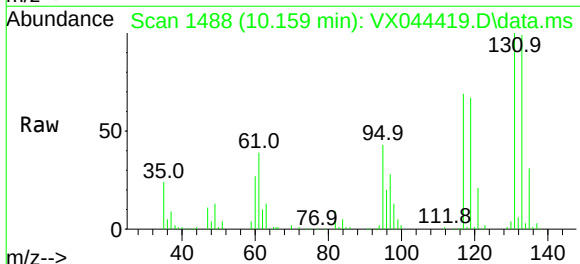
Manual Integrations
APPROVED

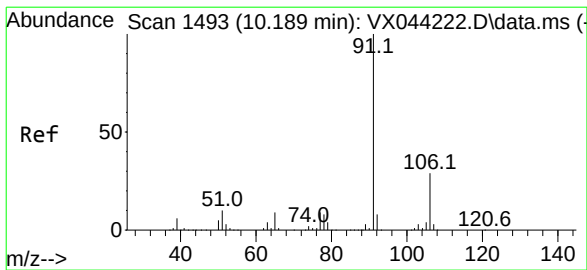
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 54.398 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

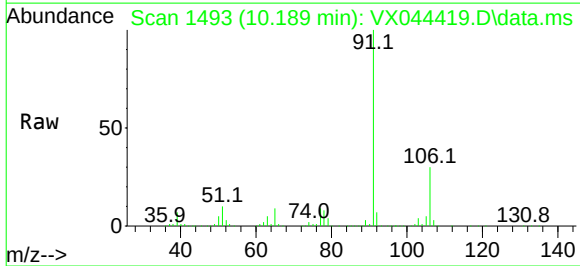
Tgt Ion:131 Resp: 71094
Ion Ratio Lower Upper
131 100
133 94.3 47.3 141.8
119 64.9 31.6 95.0





#67
Ethyl Benzene
Concen: 48.644 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

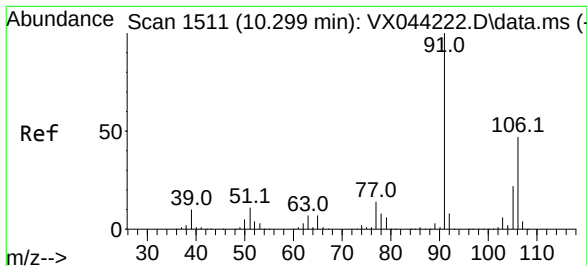
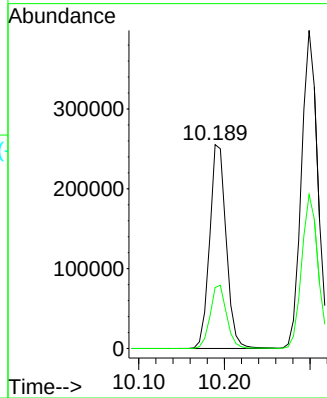
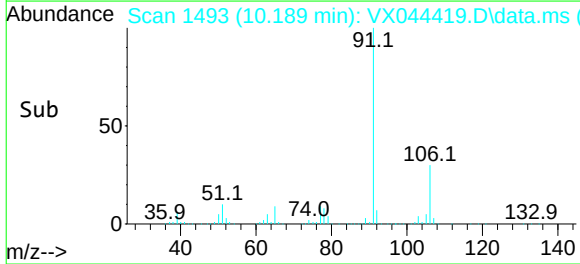
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 341788
Ion Ratio Lower Upper
91 100
106 29.9 23.5 35.3

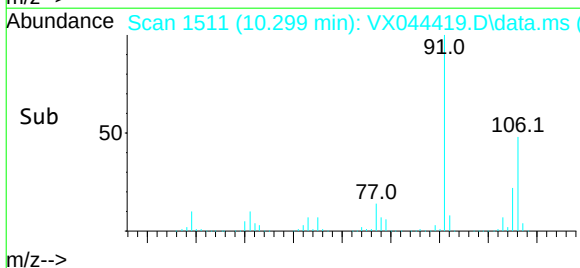
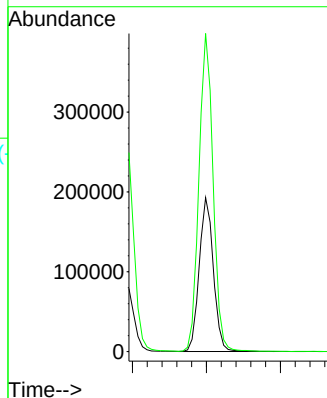
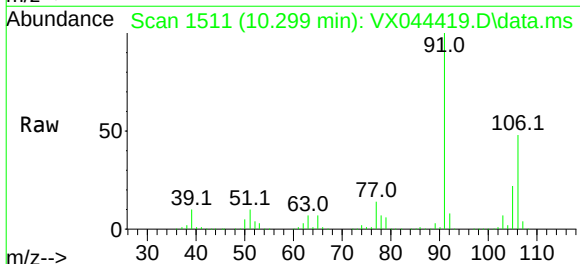
Manual Integrations
APPROVED

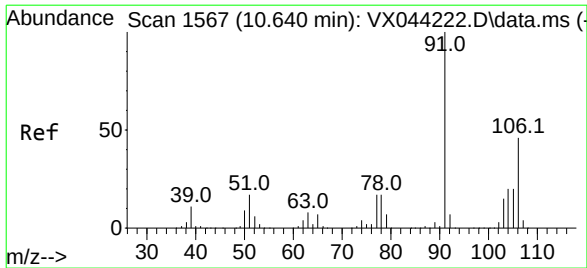
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#68
m/p-Xylenes
Concen: 99.414 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Tgt Ion:106 Resp: 256314
Ion Ratio Lower Upper
106 100
91 206.5 170.2 255.2





#69

o-Xylene

Concen: 49.398 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:106 Resp: 128864

Ion Ratio Lower Upper

106 100

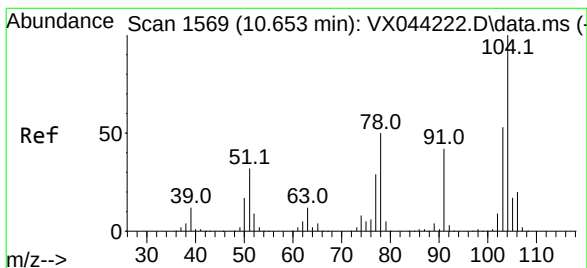
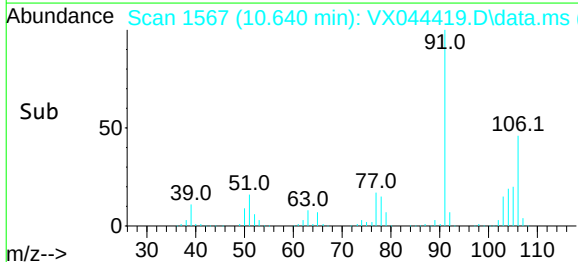
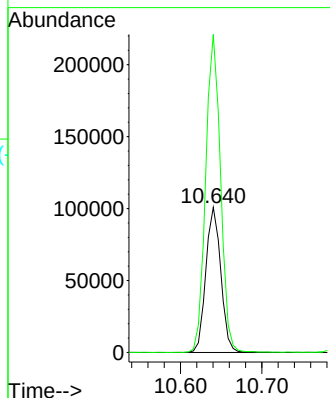
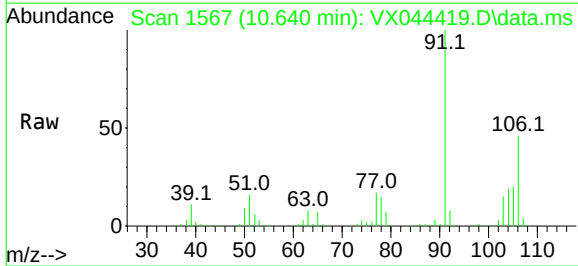
91 218.0 112.3 337.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#70

Styrene

Concen: 51.842 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

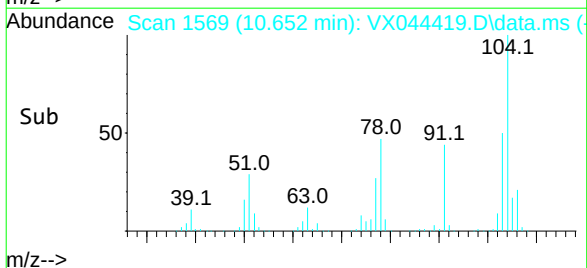
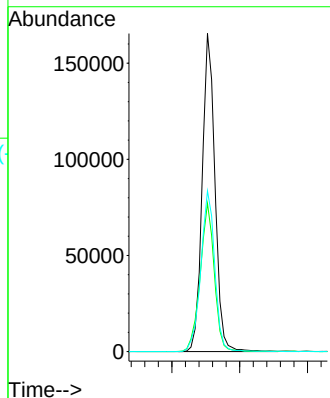
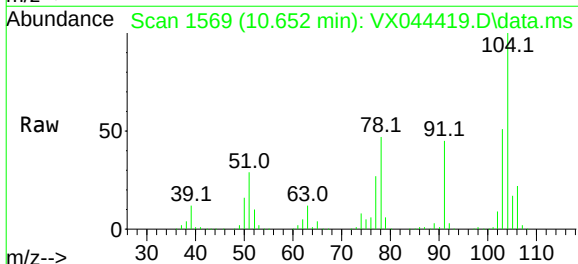
Tgt Ion:104 Resp: 216799

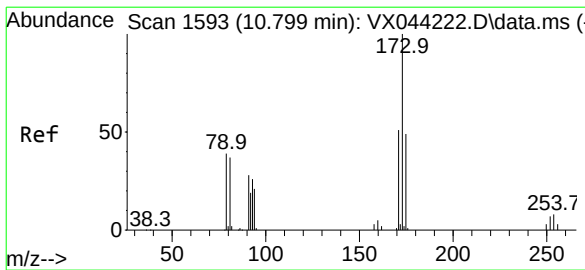
Ion Ratio Lower Upper

104 100

78 51.3 44.6 67.0

103 55.1 45.4 68.0





#71

Bromoform

Concen: 52.457 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

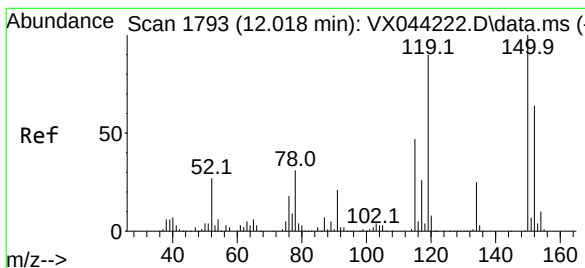
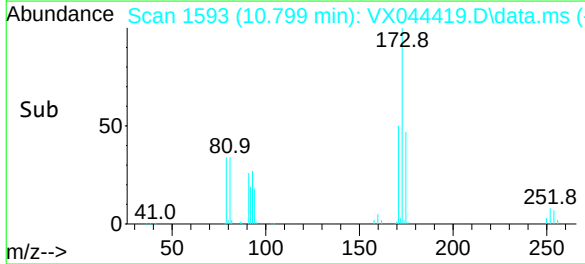
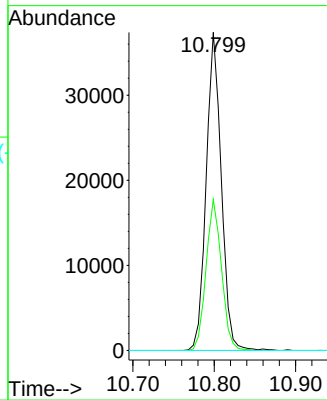
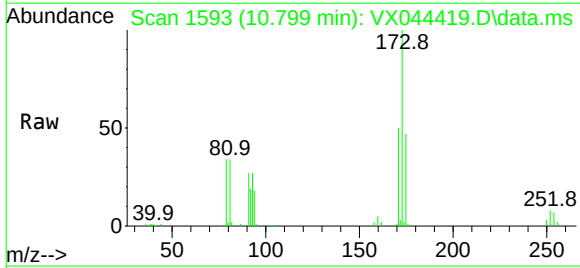
Tgt Ion:	173	Resp:	48213
Ion Ratio	Lower	Upper	
173	100		
175	48.4	23.8	71.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

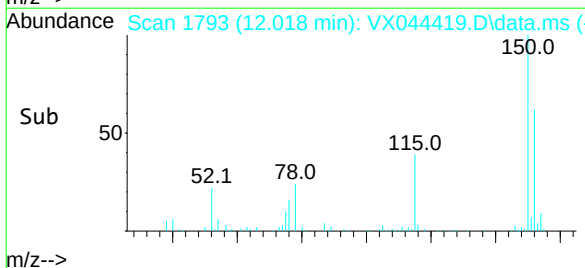
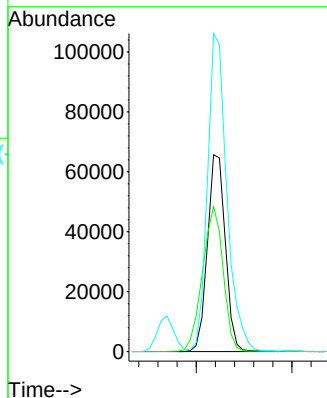
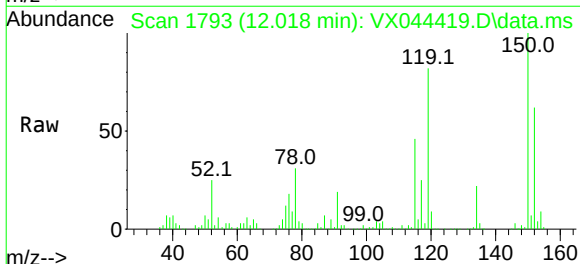
RT: 12.018 min Scan# 1793

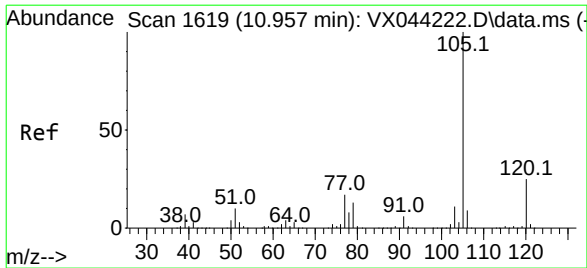
Delta R.T. -0.000 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

Tgt Ion:	152	Resp:	85459
Ion Ratio	Lower	Upper	
152	100		
115	84.8	44.5	133.3
150	174.3	0.0	353.8





#73

Isopropylbenzene

Concen: 48.052 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 314366

Ion Ratio Lower Upper

105 100

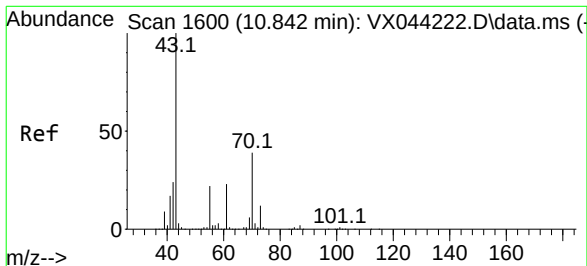
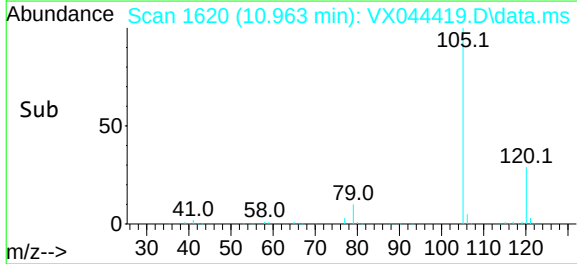
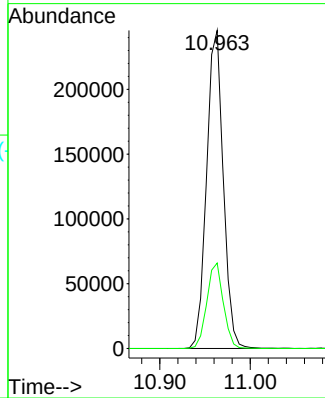
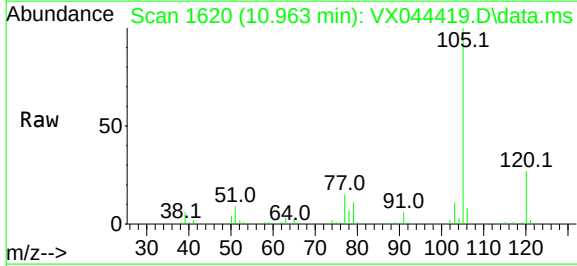
120 26.6 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#74

N-ethyl acetate

Concen: 55.002 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

Tgt Ion: 43 Resp: 166301

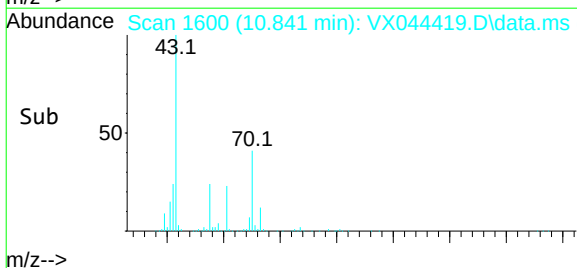
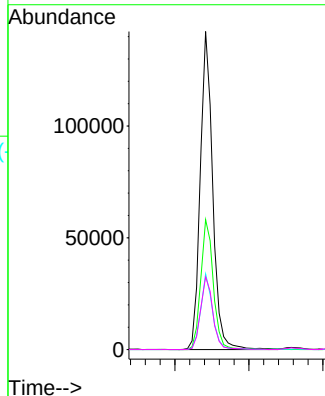
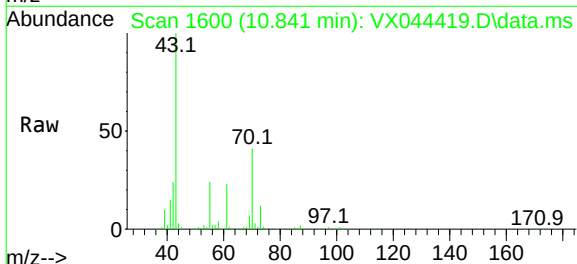
Ion Ratio Lower Upper

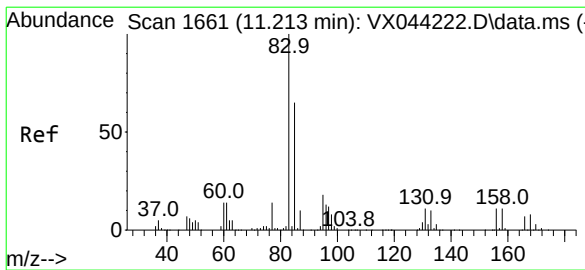
43 100

70 41.3 31.9 47.9

55 22.9 17.9 26.9

61 22.7 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.663 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

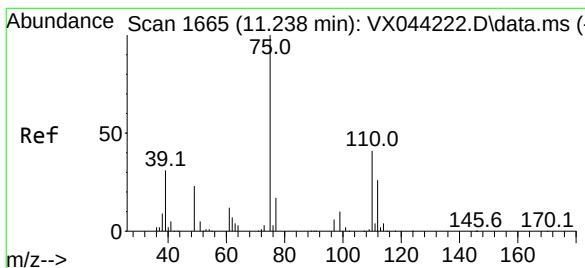
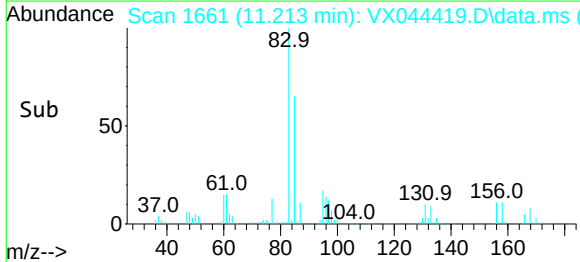
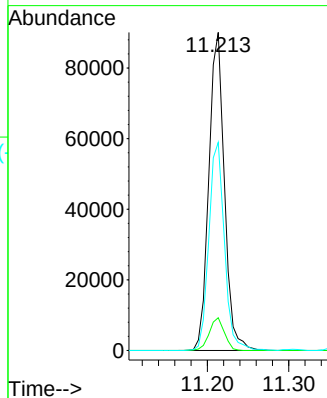
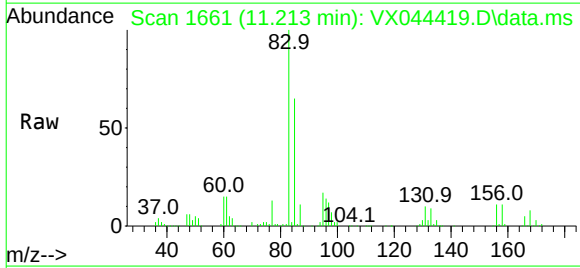
Tgt Ion:	83	Resp:	119667
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.1	15.4
85	65.5	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#76

1,2,3-Trichloropropane

Concen: 51.257 ug/l m

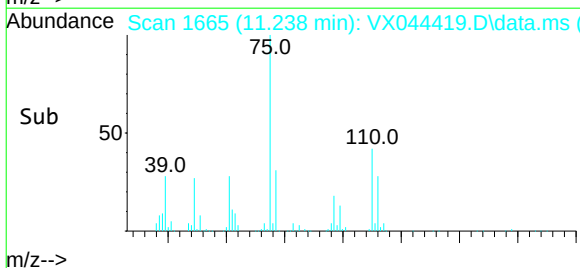
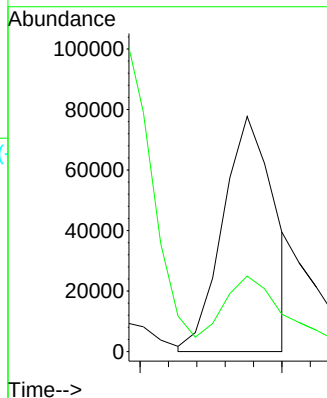
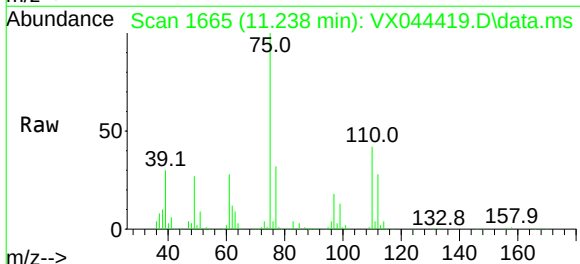
RT: 11.238 min Scan# 1665

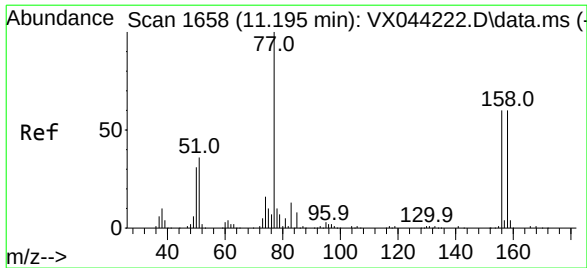
Delta R.T. -0.000 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

Tgt Ion:	75	Resp:	97804
Ion	Ratio	Lower	Upper
75	100		
77	40.8	20.9	62.7





#77

Bromobenzene

Concen: 51.162 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

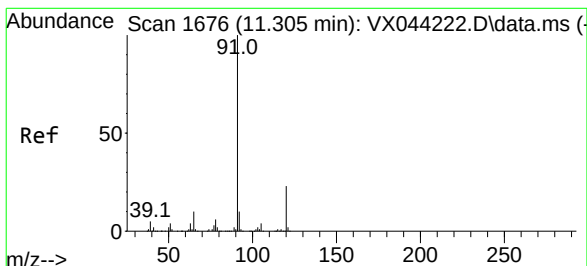
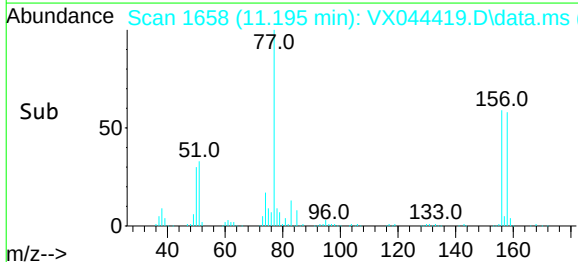
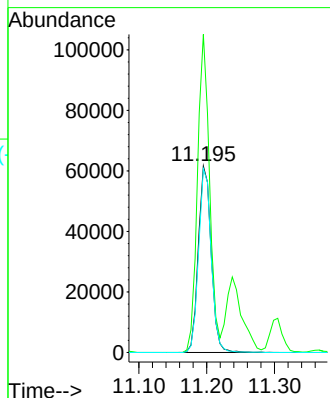
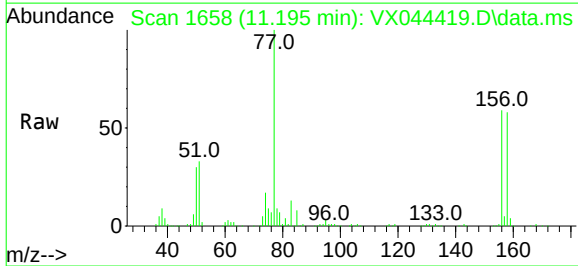
Tgt Ion:	156	Resp:	81167
Ion Ratio	Lower	Upper	
156	100		
77	160.0	82.6	247.8
158	96.8	48.8	146.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#78

n-propylbenzene

Concen: 48.614 ug/l

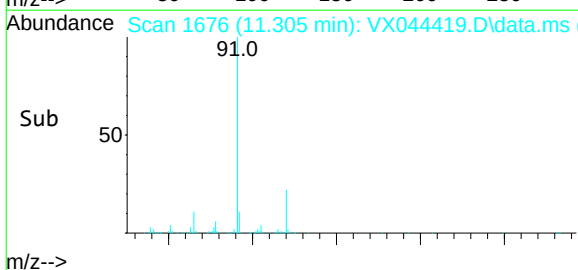
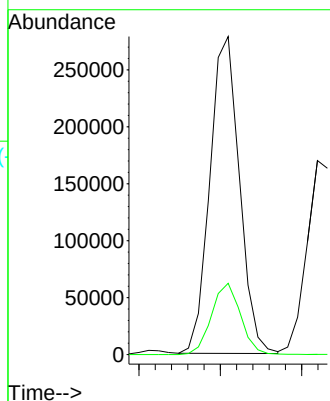
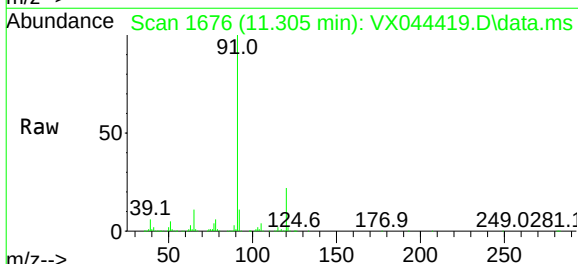
RT: 11.305 min Scan# 1676

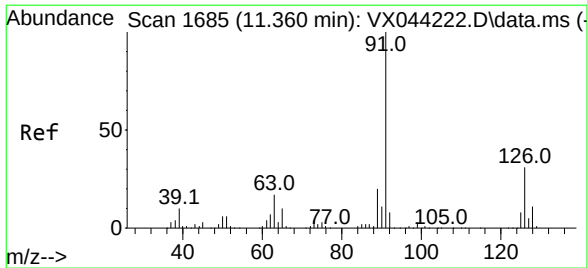
Delta R.T. -0.000 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

Tgt Ion:	91	Resp:	351524
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.0	33.0





#79

2-Chlorotoluene

Concen: 47.194 ug/l

RT: 11.360 min Scan# 16

Delta R.T. -0.000 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 220699

Ion Ratio Lower Upper

91 100

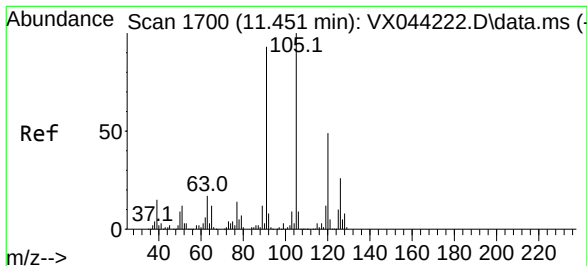
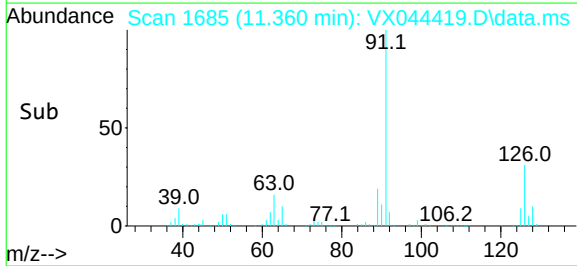
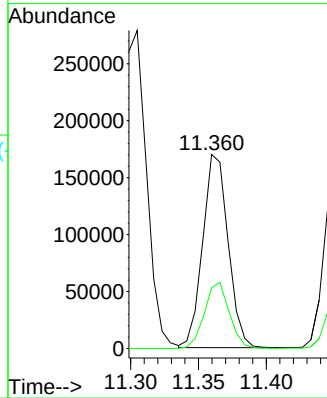
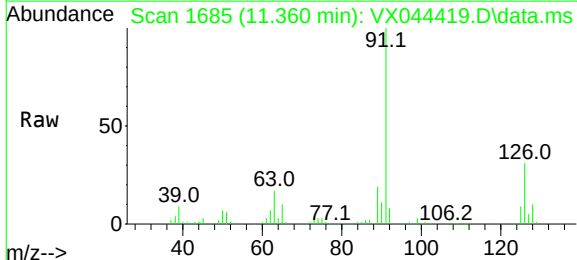
126 33.6 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#80

1,3,5-Trimethylbenzene

Concen: 48.573 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044419.D

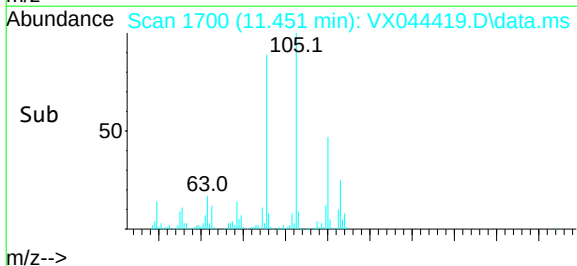
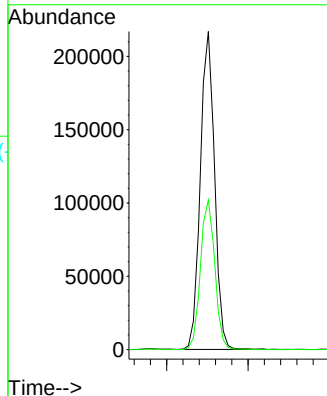
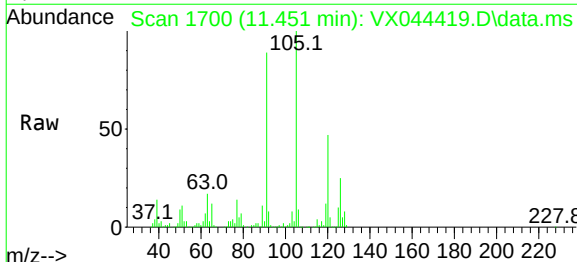
Acq: 19 Dec 2024 07:14

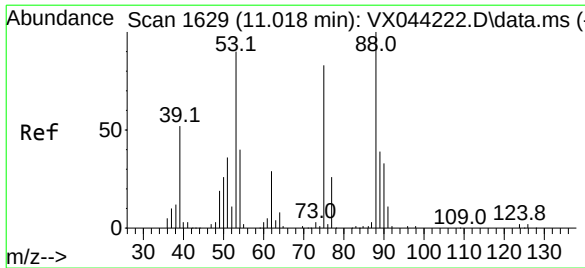
Tgt Ion:105 Resp: 263525

Ion Ratio Lower Upper

105 100

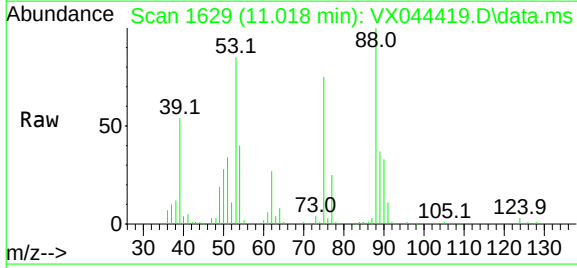
120 47.6 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 40.690 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

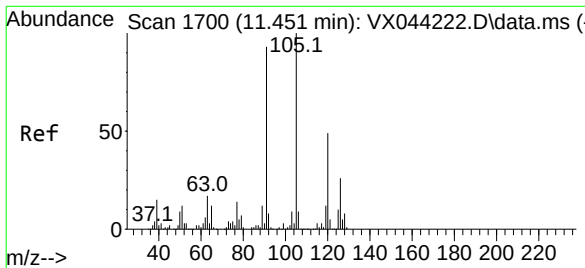
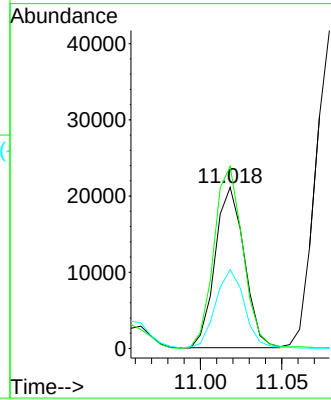
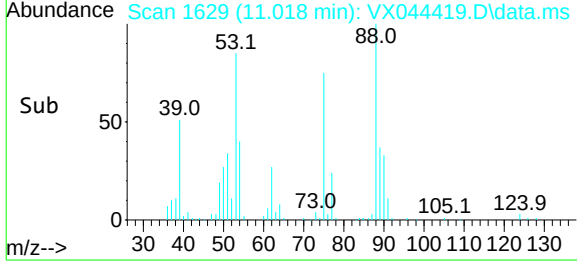
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 26316
Ion Ratio Lower Upper
75 100
53 114.4 93.6 140.4
89 49.3 37.3 55.9

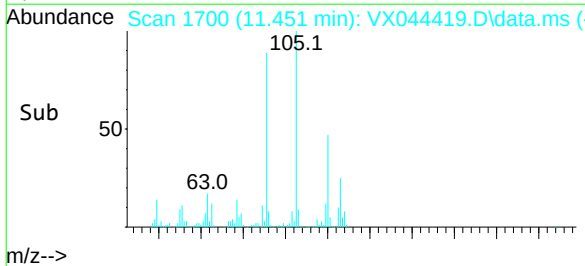
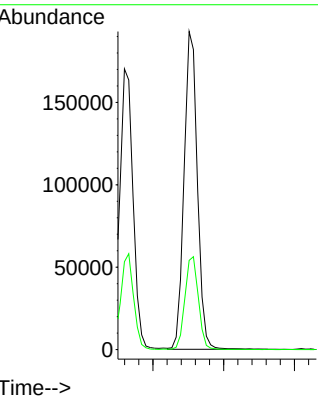
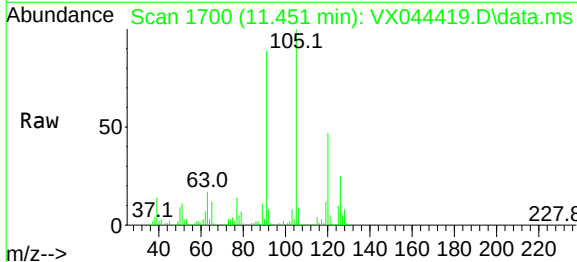
Manual Integrations
APPROVED

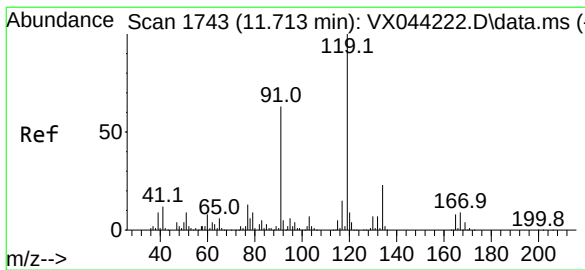
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#82
4-Chlorotoluene
Concen: 48.639 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Tgt Ion: 91 Resp: 251878
Ion Ratio Lower Upper
91 100
126 29.5 14.5 43.5





#83

tert-Butylbenzene

Concen: 48.951 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

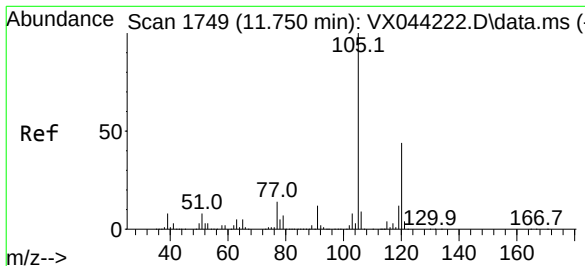
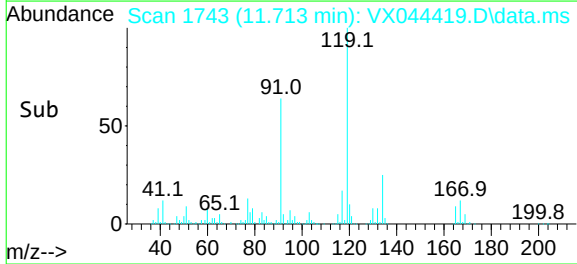
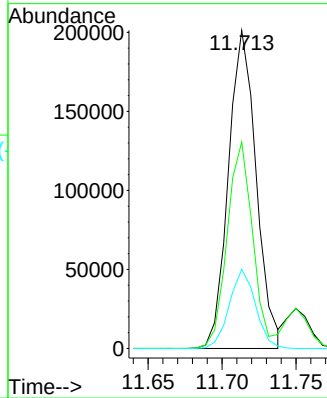
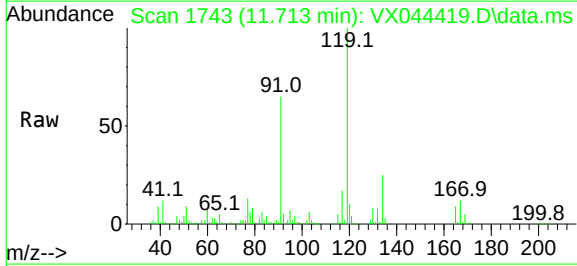
Tgt Ion:	119	Resp:	262462
Ion	Ratio	Lower	Upper
119	100		
91	60.4	30.9	92.5
134	23.5	11.5	34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#84

1,2,4-Trimethylbenzene

Concen: 49.728 ug/l

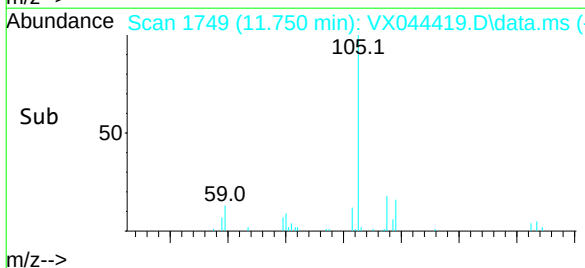
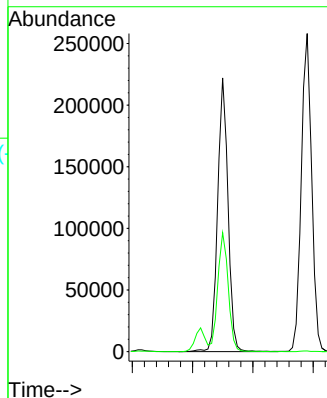
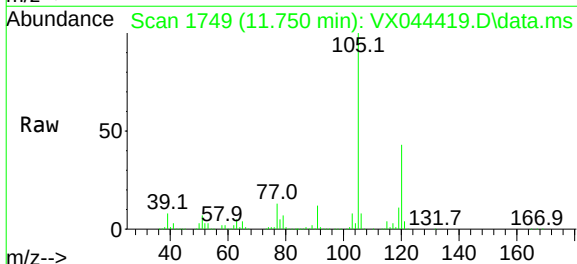
RT: 11.750 min Scan# 1749

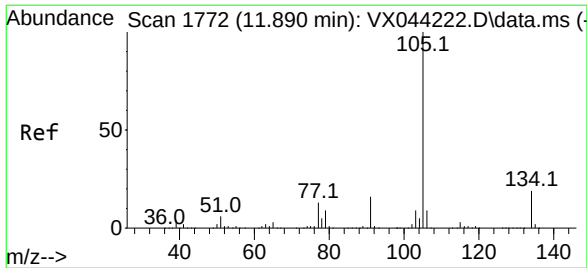
Delta R.T. -0.000 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

Tgt Ion:	105	Resp:	264960
Ion	Ratio	Lower	Upper
105	100		
120	44.3	21.7	65.1





#85

sec-Butylbenzene

Concen: 47.411 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 308602

Ion Ratio Lower Upper

105 100

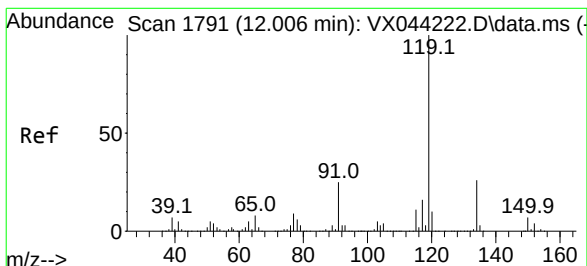
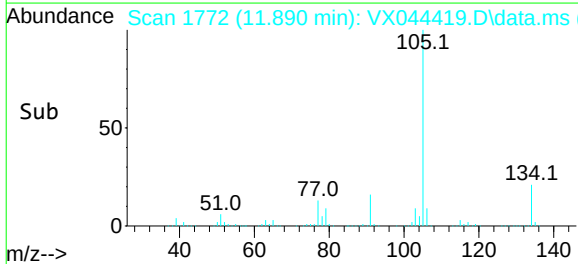
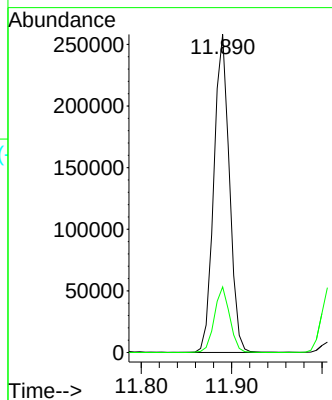
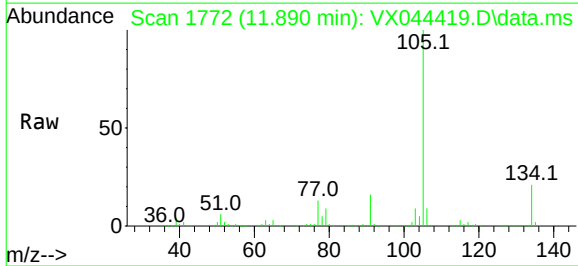
134 20.3 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#86

p-Isopropyltoluene

Concen: 47.558 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

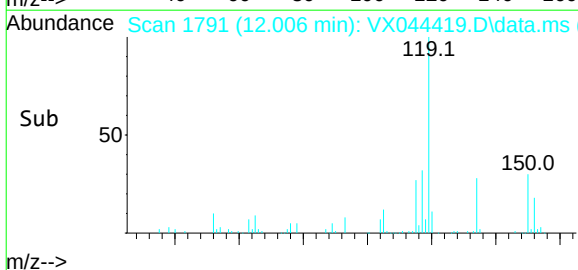
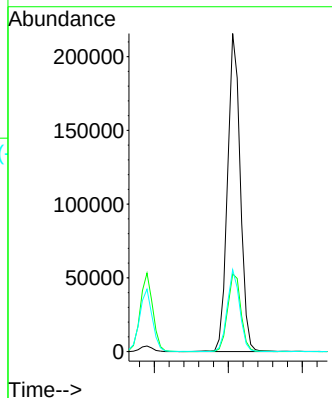
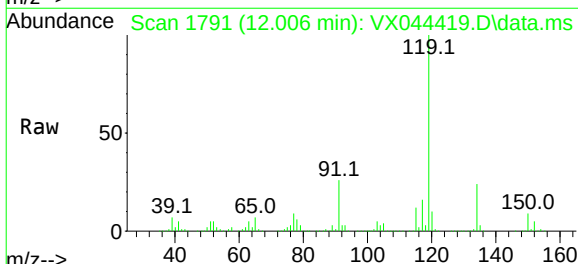
Tgt Ion:119 Resp: 257648

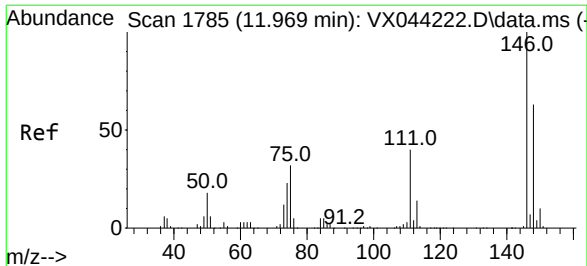
Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.4

91 25.0 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 50.634 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 140315

Ion Ratio Lower Upper

146 100

111 40.8 21.4 64.2

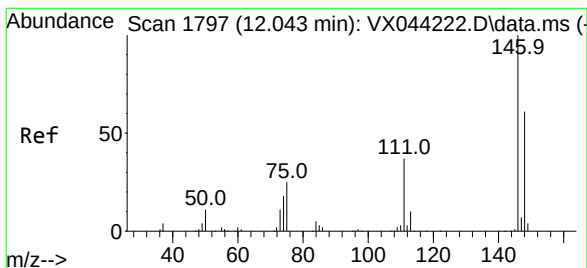
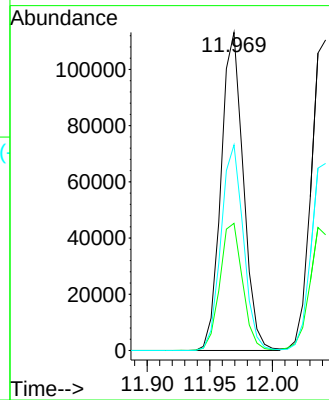
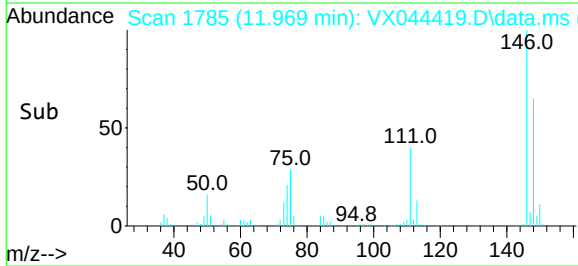
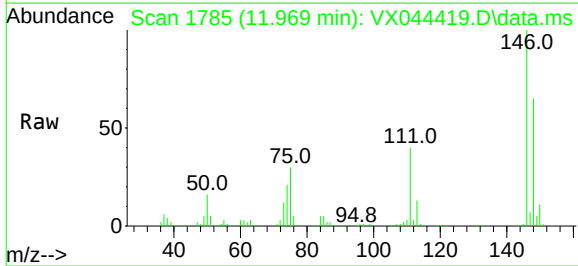
148 64.8 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#88

1,4-Dichlorobenzene

Concen: 49.148 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

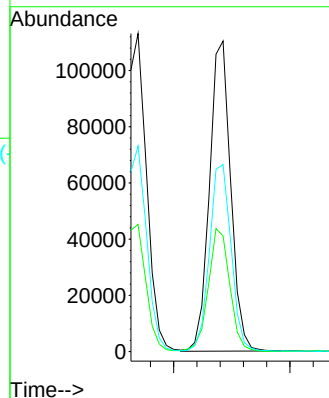
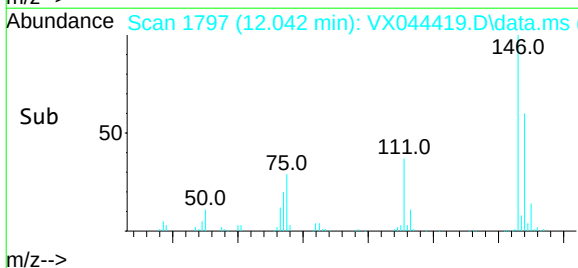
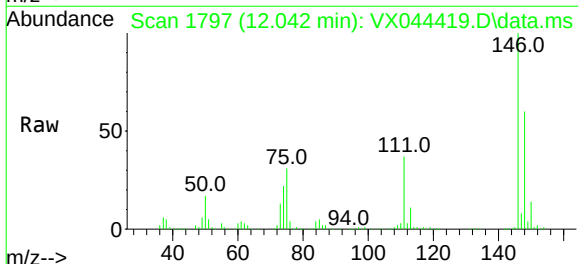
Tgt Ion:146 Resp: 140008

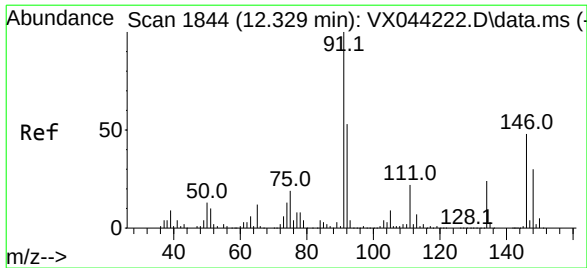
Ion Ratio Lower Upper

146 100

111 40.1 21.0 63.0

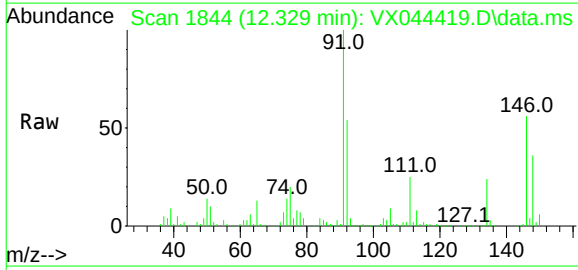
148 62.5 32.3 96.8





#89
n-Butylbenzene
Concen: 47.053 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

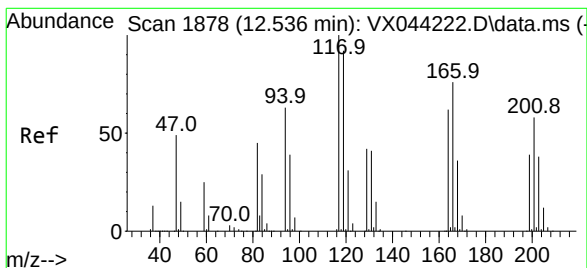
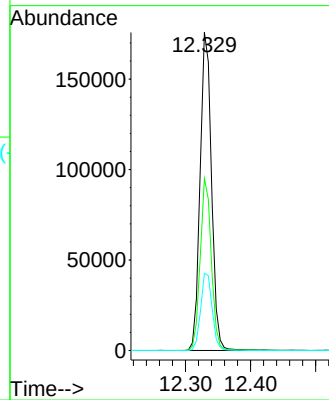
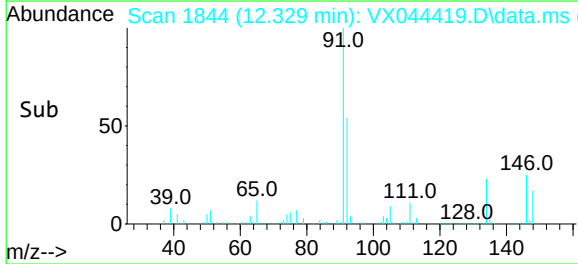
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 214353
Ion Ratio Lower Upper
91 100
92 52.5 26.6 79.7
134 24.5 12.6 37.8

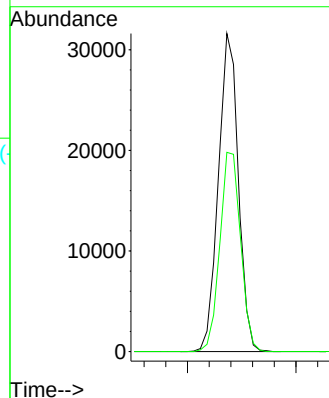
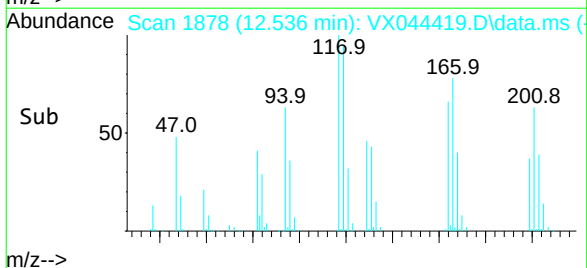
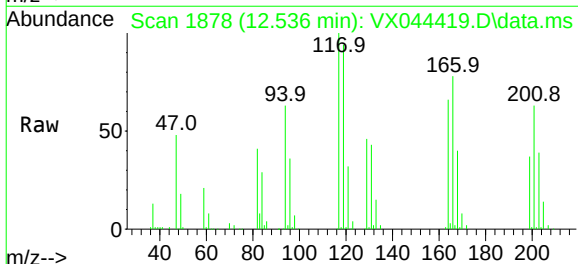
Manual Integrations
APPROVED

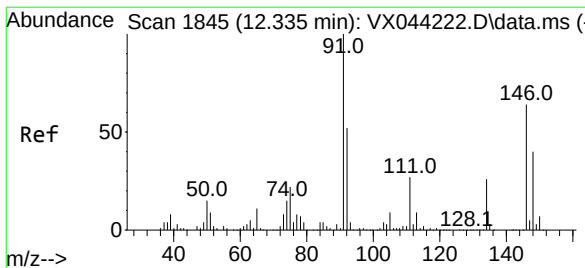
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#90
Hexachloroethane
Concen: 51.057 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044419.D
Acq: 19 Dec 2024 07:14

Tgt Ion:117 Resp: 40378
Ion Ratio Lower Upper
117 100
201 65.2 31.4 94.2





#91

1,2-Dichlorobenzene

Concen: 50.596 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX044419.D

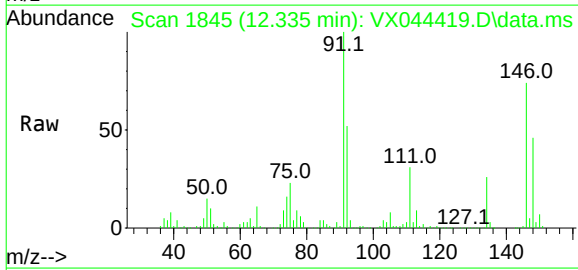
Acq: 19 Dec 2024 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 145586

Ion Ratio Lower Upper

146 100

111 42.6 21.4 64.3

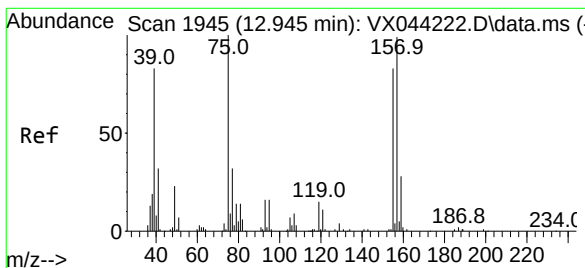
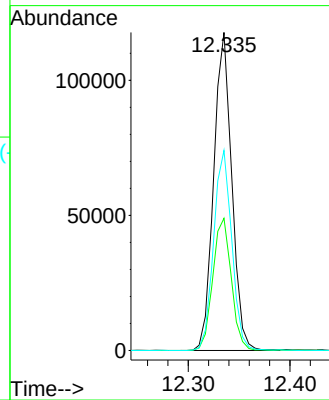
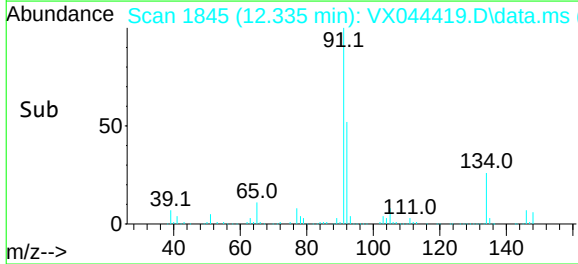
148 63.2 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.364 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

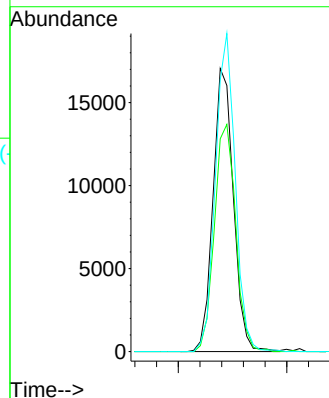
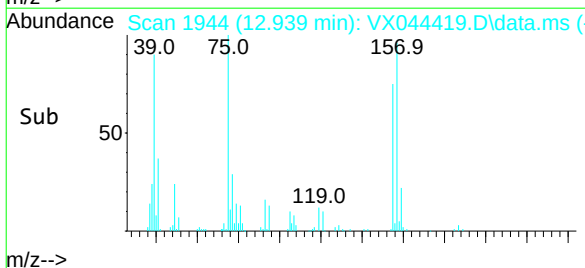
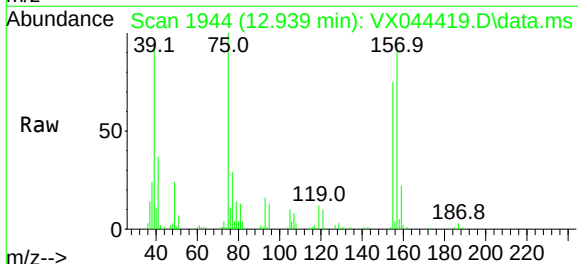
Tgt Ion: 75 Resp: 22216

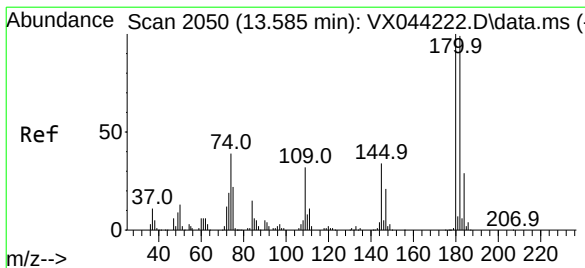
Ion Ratio Lower Upper

75 100

155 83.9 38.1 114.3

157 109.0 47.2 141.6





#93

1,2,4-Trichlorobenzene

Concen: 52.638 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

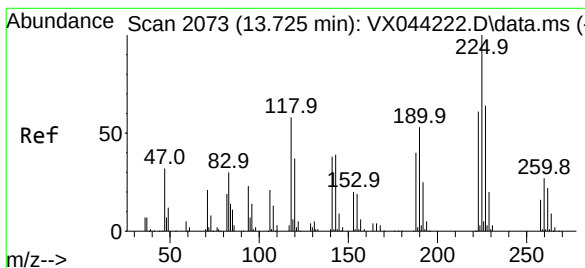
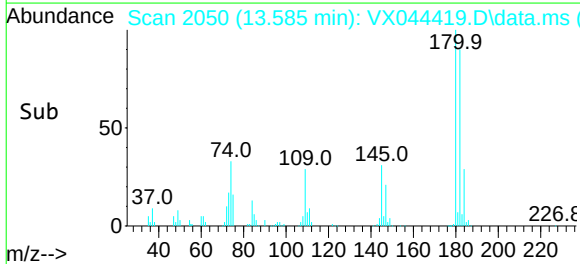
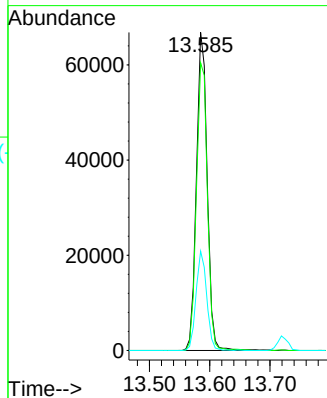
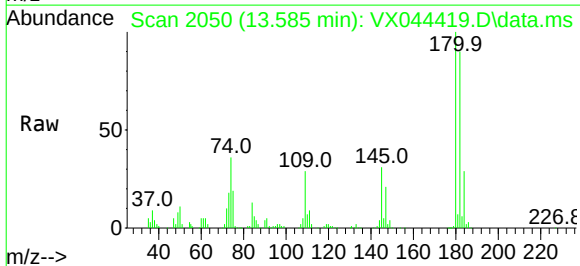
Tgt Ion:	180	Resp:	83037
Ion Ratio	Lower	Upper	
180	100		
182	91.4	48.0	144.2
145	30.9	16.6	49.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#94

Hexachlorobutadiene

Concen: 47.098 ug/l

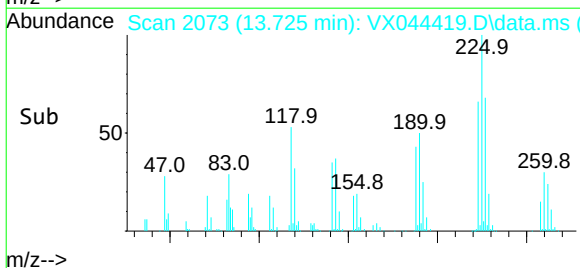
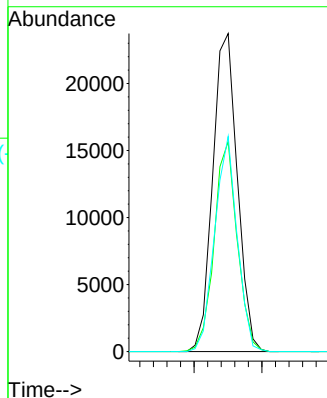
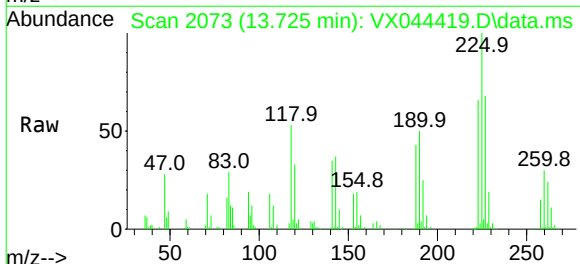
RT: 13.725 min Scan# 2073

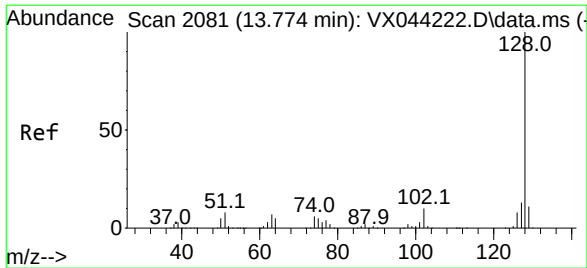
Delta R.T. -0.000 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

Tgt Ion:	225	Resp:	29885
Ion Ratio	Lower	Upper	
225	100		
223	62.1	30.8	92.4
227	61.8	32.1	96.3





#95

Naphthalene

Concen: 50.581 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

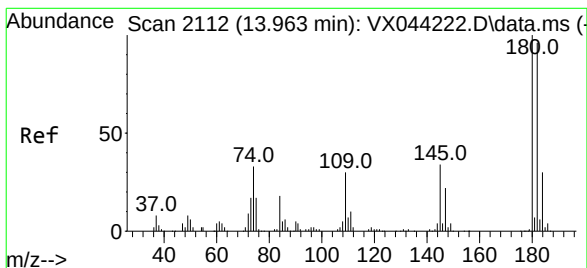
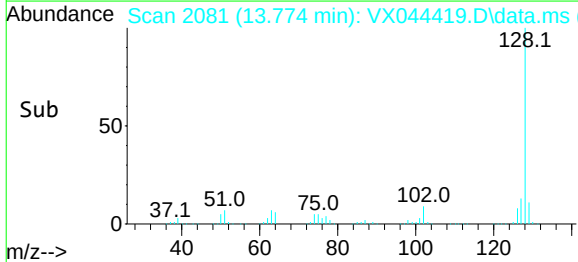
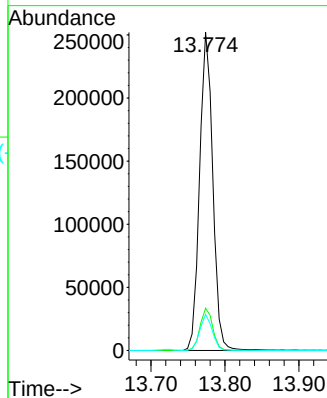
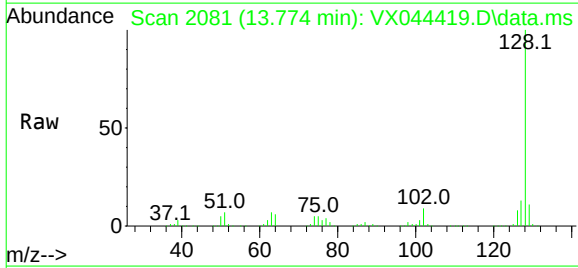
Tgt Ion:	128	Resp:	311462
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.8	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 51.233 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX044419.D

Acq: 19 Dec 2024 07:14

Tgt Ion:	180	Resp:	85722
Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.0	144.0
145	33.7	17.7	53.1

