

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111224\
 Data File : VX043819.D
 Acq On : 12 Nov 2024 18:36
 Operator : JC/MD
 Sample : P4786-16MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E27P5MS

Quant Time: Nov 13 02:09:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 13 02:04:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/13/2024
 Supervised By : Mahesh Dadoda 11/18/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	267216	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	239737	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	119306	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	60348	42.392	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.780%		
7) Chloroethane-d5	1.642	69	40379m	65.989	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	131.980%#		
11) 1,1-Dichloroethene-d2	2.294	65	29700	45.194	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.380%		
21) 2-Butanone-d5	4.458	46	89005	95.491	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.490%		
24) Chloroform-d	5.050	84	158954	51.796	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.600%		
26) 1,2-Dichloroethane-d4	5.952	65	97652	50.090	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.180%		
32) Benzene-d6	5.970	84	297225	47.954	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.900%		
36) 1,2-Dichloropropane-d6	7.305	67	88022	46.678	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.360%		
41) Toluene-d8	8.647	98	279282	49.602	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.200%		
43) trans-1,3-Dichloroprop...	8.951	79	42754	47.409	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.820%		
47) 2-Hexanone-d5	9.384	63	72245	96.807	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.810%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	131764	54.460	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	108.920%		
66) 1,2-Dichlorobenzene-d4	12.317	152	114180	55.236	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.480%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	84150	44.714	ug/L	99
3) Chloromethane	1.294	50	73891	40.400	ug/L	97
5) Vinyl chloride	1.373	62	79540	44.397	ug/L	98
6) Bromomethane	1.593	94	43065	62.031	ug/L	94
8) Chloroethane	1.666	64	41935	66.529	ug/L	96
9) Trichlorofluoromethane	1.873	101	133553	58.743	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	83343	53.375	ug/L	96
12) 1,1-Dichloroethene	2.306	96	74330	52.146	ug/L	90
13) Acetone	2.386	43	66178	76.339	ug/L	96
14) Carbon disulfide	2.501	76	126805	40.241	ug/L	99
15) Methyl Acetate	2.703	43	69280	37.794	ug/L #	90
16) Methylene chloride	2.782	84	84812	49.248	ug/L	92
17) trans-1,2-Dichloroethene	3.087	96	74885	48.832	ug/L	91
18) Methyl tert-butyl Ether	3.117	73	274140	47.025	ug/L	98
19) 1,1-Dichloroethane	3.605	63	141638	46.904	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	95734	50.262	ug/L	91
22) 2-Butanone	4.562	43	101043	80.565	ug/L	99
23) Bromochloromethane	4.891	128	49812	52.026	ug/L	87
25) Chloroform	5.086	83	160296	49.467	ug/L	97

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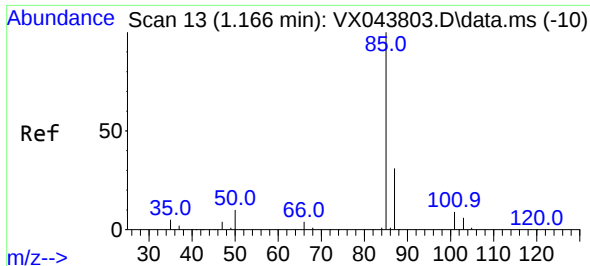
Quant Time: Nov 13 02:09:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110424WMA.M
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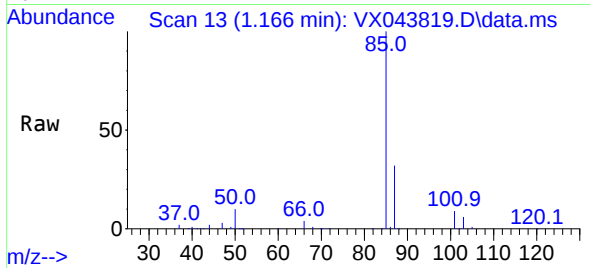
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	115592	46.165	ug/L	97
29) Cyclohexane	5.464	56	113413	40.770	ug/L	91
30) 1,1,1-Trichloroethane	5.379	97	137055	47.192	ug/L	99
31) Carbon tetrachloride	5.678	117	117226	49.202	ug/L	98
33) Benzene	6.031	78	318587	46.622	ug/L	100
34) Trichloroethene	7.116	95	89146	48.525	ug/L	99
35) Methylcyclohexane	7.379	83	125091	45.575	ug/L	94
37) 1,2-Dichloropropane	7.427	63	82093	45.100	ug/L #	97
38) Bromodichloromethane	7.817	83	106734	46.102	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	134066	45.116	ug/L	98
40) 4-Methyl-2-pentanone	8.573	43	202756	81.838	ug/L	94
42) Toluene	8.714	91	348797	48.529	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	121011	44.659	ug/L	96
45) 1,1,2-Trichloroethane	9.153	97	94005	50.363	ug/L	96
46) Tetrachloroethene	9.268	164	70973	53.672	ug/L	95
48) 2-Hexanone	9.433	43	152340	82.260	ug/L	95
49) Dibromochloromethane	9.518	129	87437	50.258	ug/L	100
50) 1,2-Dibromoethane	9.610	107	97274	50.473	ug/L	97
51) Chlorobenzene	10.079	112	236133	50.270	ug/L	96
52) Ethylbenzene	10.189	91	382793	48.998	ug/L	98
53) m,p-Xylene	10.299	106	152571	50.591	ug/L	95
54) o-Xylene	10.640	106	154615	51.425	ug/L	92
55) Styrene	10.652	104	259748	51.935	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	136843	48.951	ug/L #	99
59) Bromoform	10.799	173	59518	47.694	ug/L	95
60) Isopropylbenzene	10.963	105	398017	48.113	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	102461	44.244	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	337815	48.582	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	331775	47.921	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	181963	50.006	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	181314	49.471	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	185547	49.897	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	22813	39.340	ug/L #	65
69) 1,3,5-Trichlorobenzene	13.109	180	122973	50.670	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	109034	48.998	ug/L	99
71) Naphthalene	13.774	128	398206	48.188	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	110741	48.152	ug/L	98

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



#2
Dichlorodifluoromethane
Concen: 44.714 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043819.D
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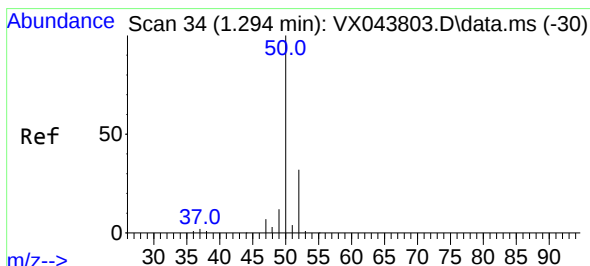
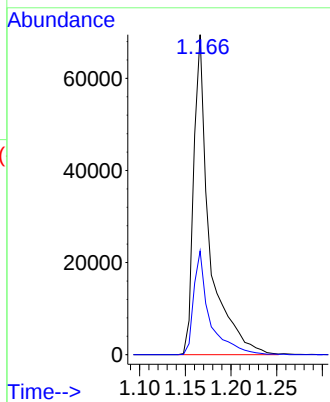
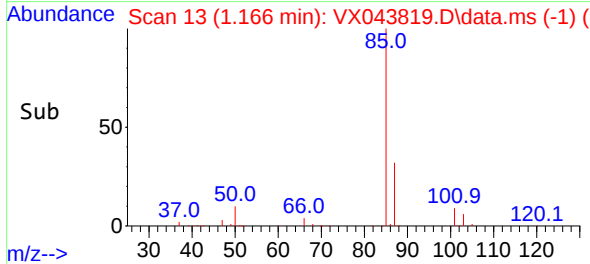
Instrument :
MSVOA_X
ClientSampleId :
E27P5MS



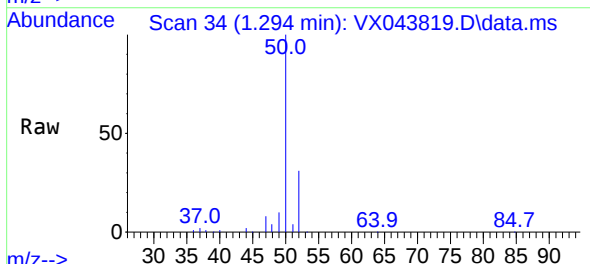
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Ion Ratio Lower Upper
85 100
87 32.4 25.6 38.4

Manual Integrations
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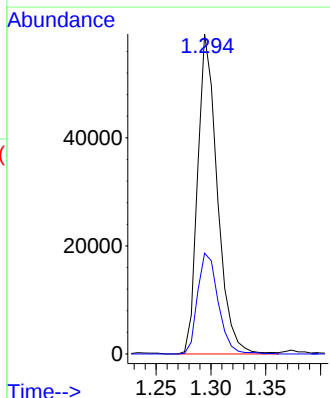
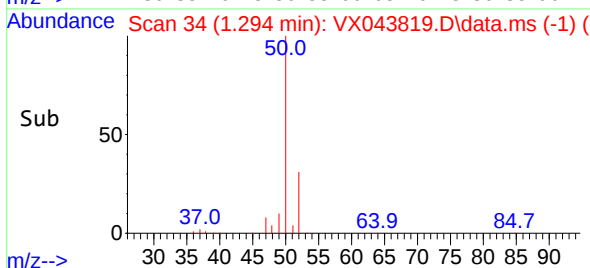
Reviewed By :John Carlone 11/13/2024
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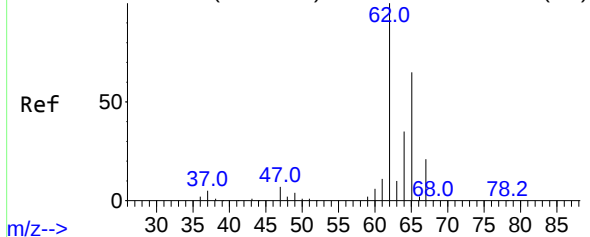
#3
Chloromethane
Concen: 40.400 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36



Tgt Ion: 50 Resp: 73891
Ion Ratio Lower Upper
50 100
52 31.5 23.4 43.4



Abundance Scan 47 (1.374 min): VX043803.D\data.ms (-43)



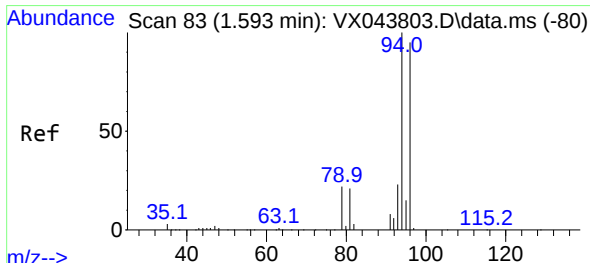
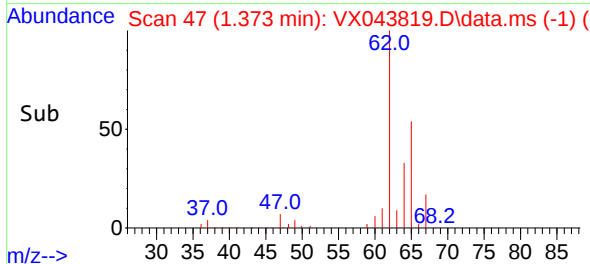
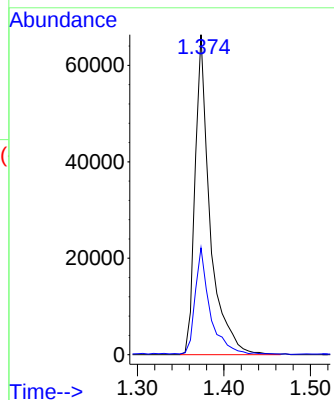
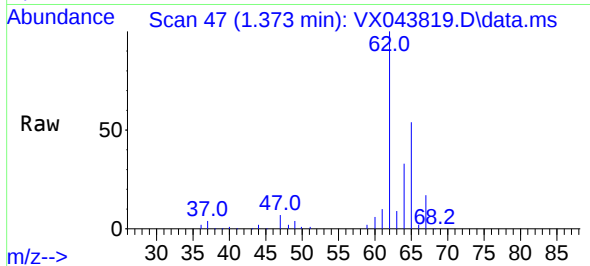
#5
Vinyl chloride
Concen: 44.397 ug/L
RT: 1.373 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

Instrument :
MSVOA_X
ClientSampleId :
E27P5MS

Tgt Ion: 62 Resp: 79540
Ion Ratio Lower Upper
62 100
64 33.4 24.0 44.6

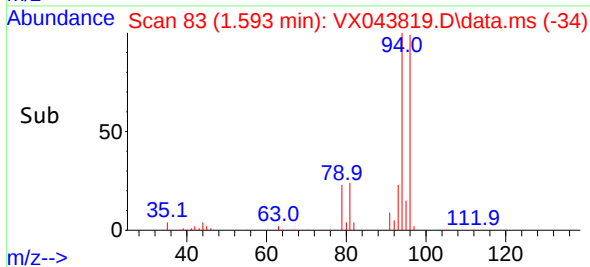
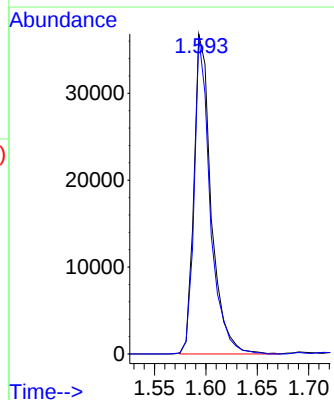
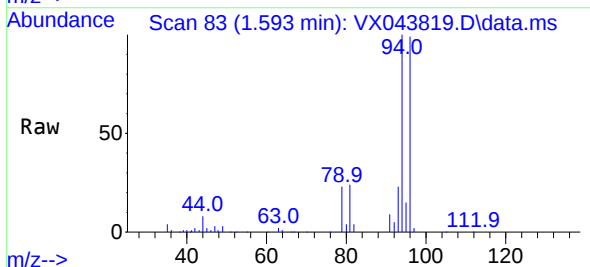
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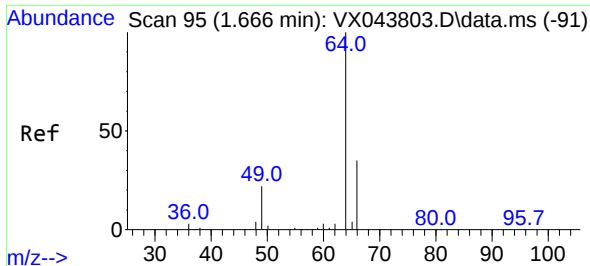
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/18/2024



#6
Bromomethane
Concen: 62.031 ug/L
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

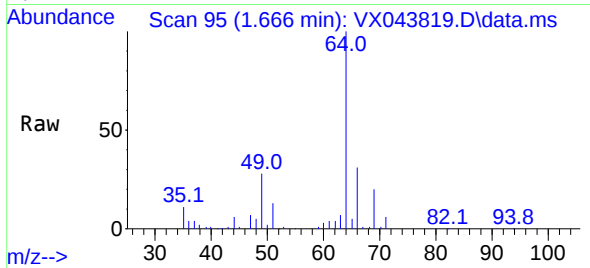
Tgt Ion: 94 Resp: 43065
Ion Ratio Lower Upper
94 100
96 99.1 65.0 120.8





#8
Chloroethane
Concen: 66.529 ug/L
RT: 1.666 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

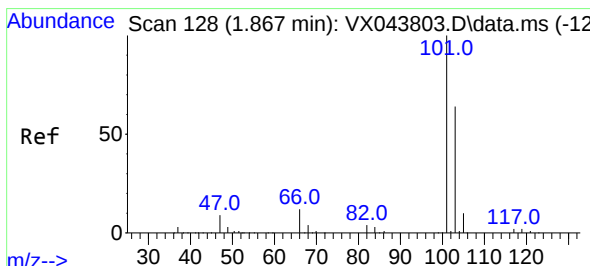
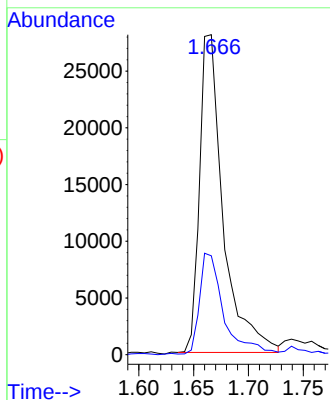
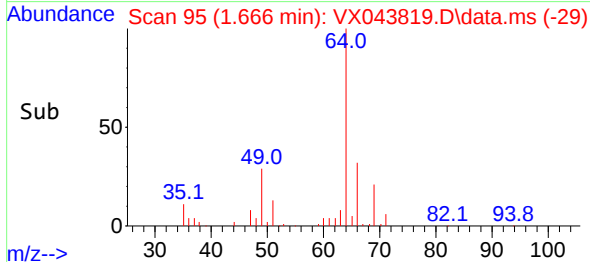
Instrument :
MSVOA_X
ClientSampleId :
E27P5MS



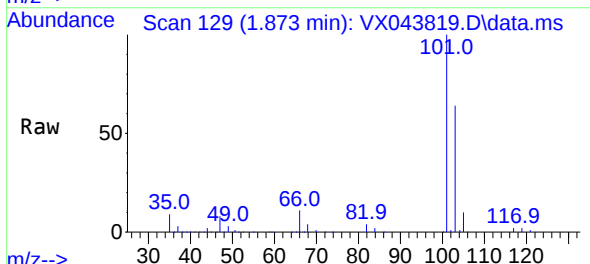
Tgt Ion: 64 Resp: 41935
Ion Ratio Lower Upper
64 100
66 30.9 23.2 43.2

Manual Integrations
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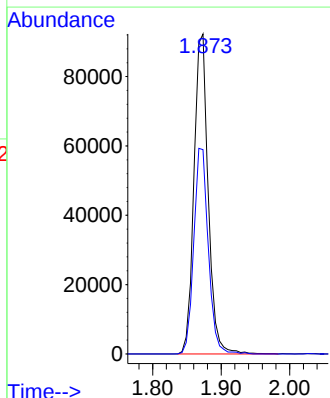
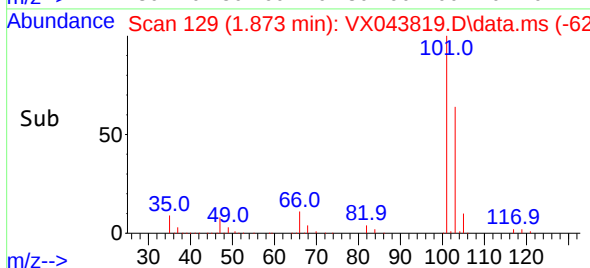
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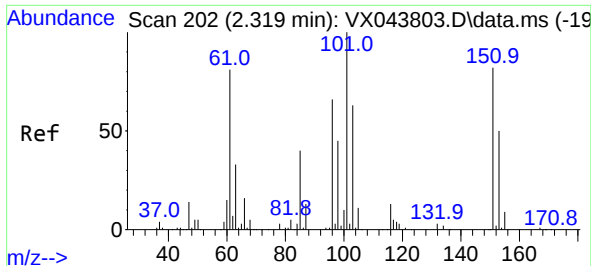


#9
Trichlorofluoromethane
Concen: 58.743 ug/L
RT: 1.873 min Scan# 129
Delta R.T. 0.006 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36



Tgt Ion:101 Resp: 133553
Ion Ratio Lower Upper
101 100
103 65.2 51.6 77.4





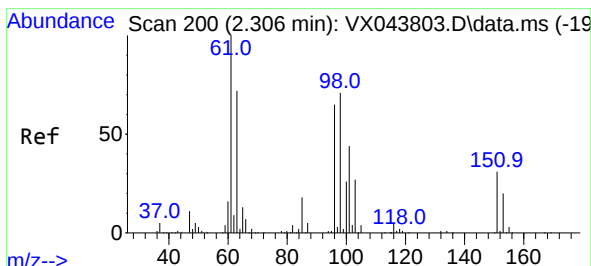
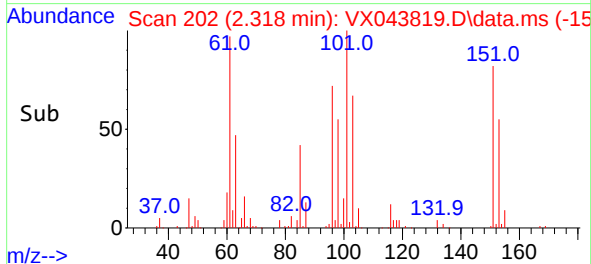
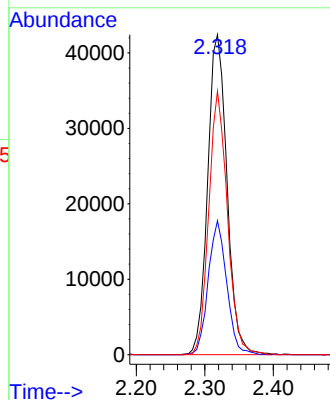
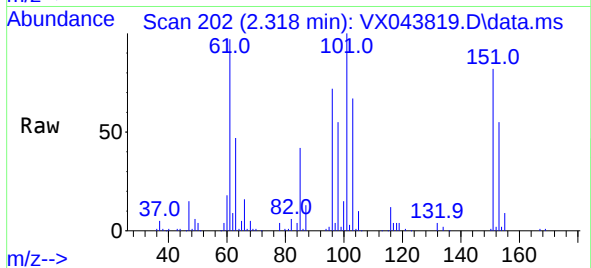
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 53.375 ug/L
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

Instrument :
MSVOA_X
ClientSampleId :
E27P5MS

Tgt Ion:101 Resp: 8334
Ion Ratio Lower Upper
101 100
85 40.0 34.0 51.0
151 79.3 60.2 90.4

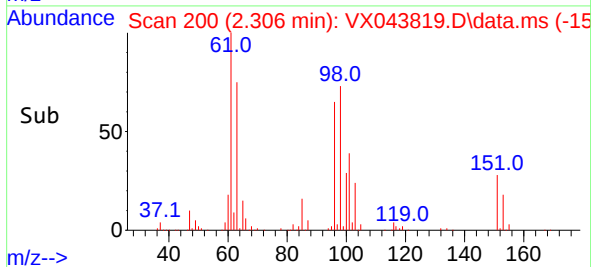
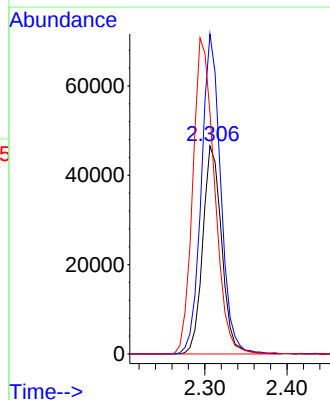
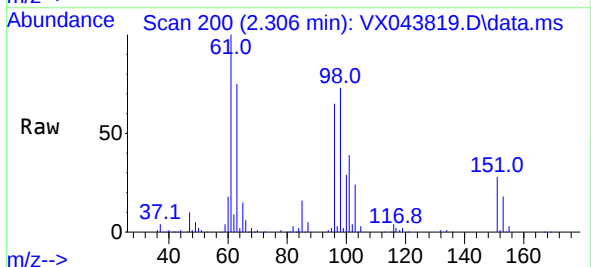
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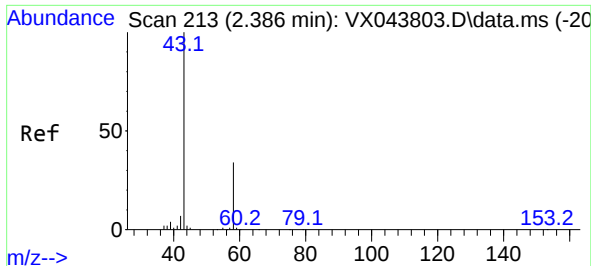
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/18/2024



#12
1,1-Dichloroethene
Concen: 52.146 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

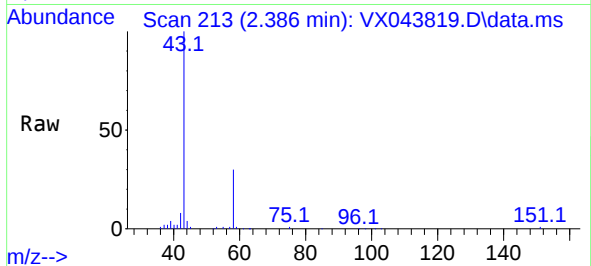
Tgt Ion: 96 Resp: 74330
Ion Ratio Lower Upper
96 100
61 153.9 119.7 222.3
63 116.0 86.5 160.6





#13
Acetone
Concen: 76.339 ug/L
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

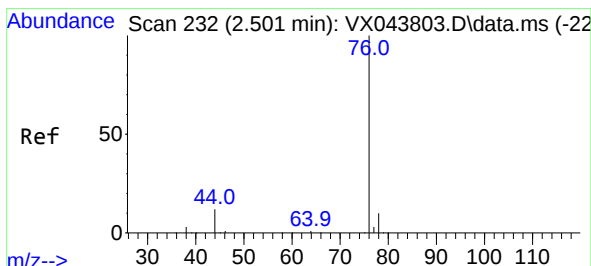
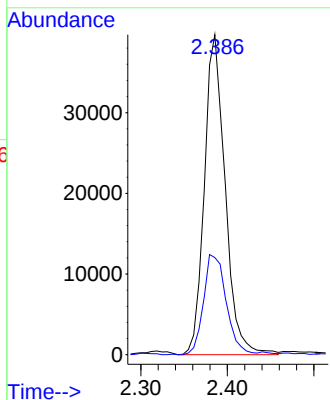
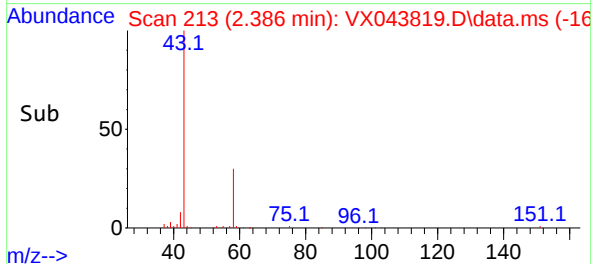
Instrument :
MSVOA_X
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E27P5MS



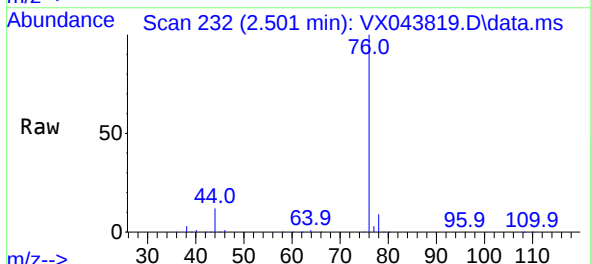
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Ion Ratio Lower Upper
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58 34.1 0.0 63.6

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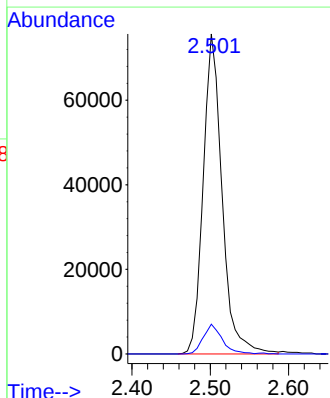
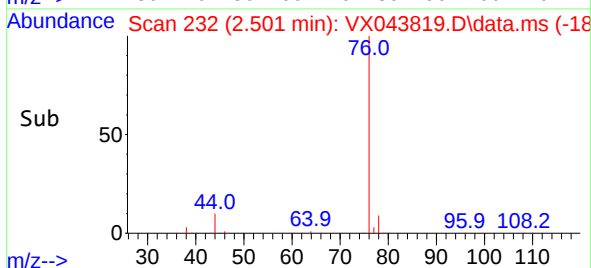
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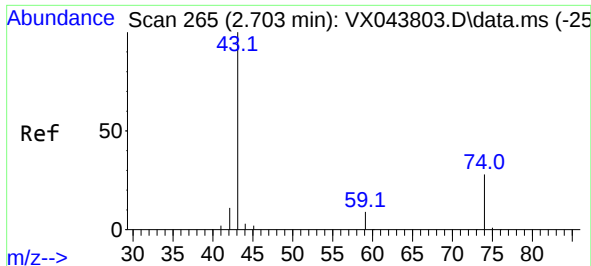


#14
Carbon disulfide
Concen: 40.241 ug/L
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36



Tgt Ion: 76 Resp: 126805
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9





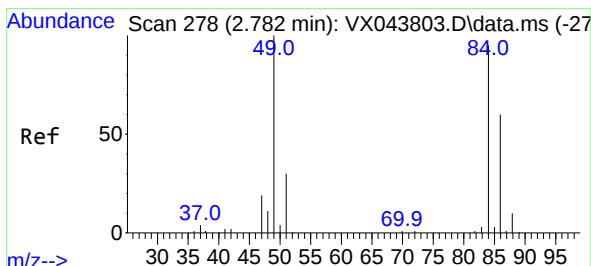
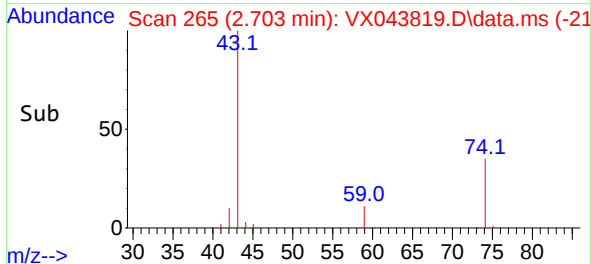
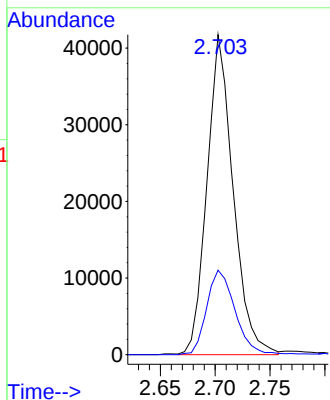
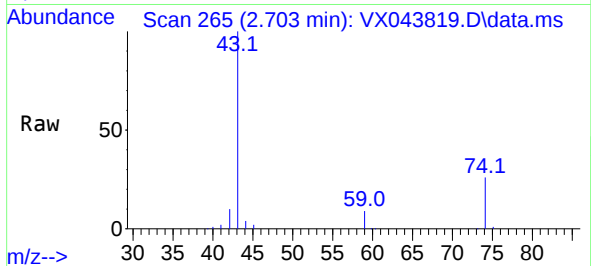
#15
Methyl Acetate
Concen: 37.794 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

Instrument :
MSVOA_X
ClientSampleId :
E27P5MS

Tgt Ion: 43 Resp: 69280
Ion Ratio Lower Upper
43 100
74 28.5 18.9 28.3

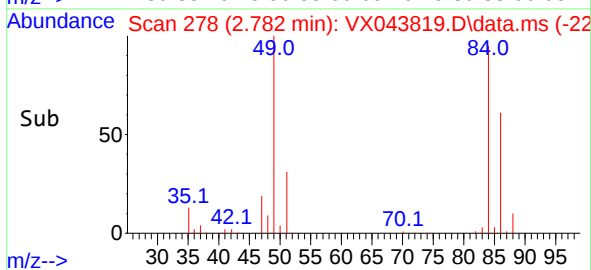
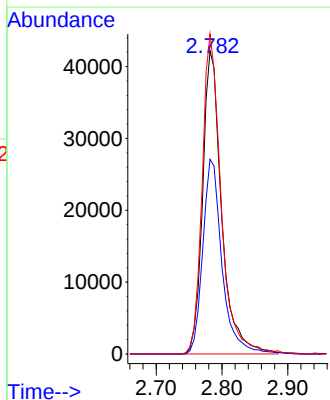
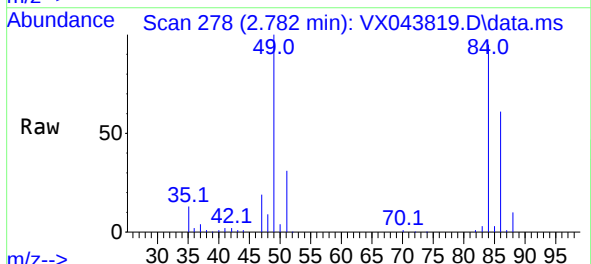
Manual Integrations
APPROVED

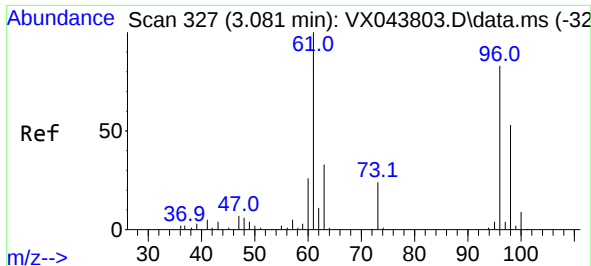
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/18/2024



#16
Methylene chloride
Concen: 49.248 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

Tgt Ion: 84 Resp: 84812
Ion Ratio Lower Upper
84 100
86 64.2 44.7 83.1
49 105.6 83.2 154.4





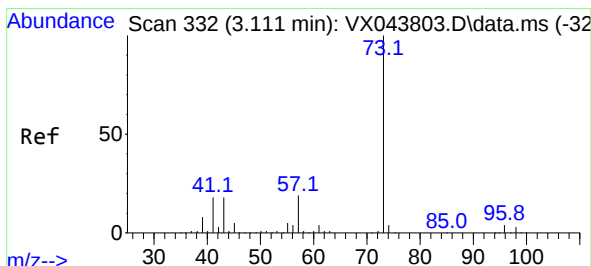
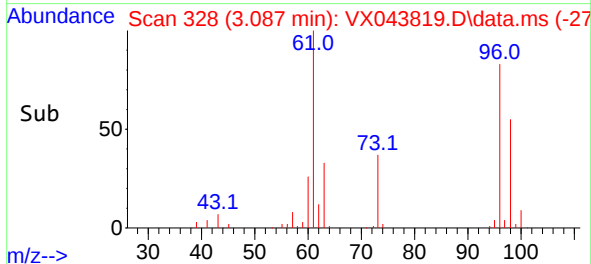
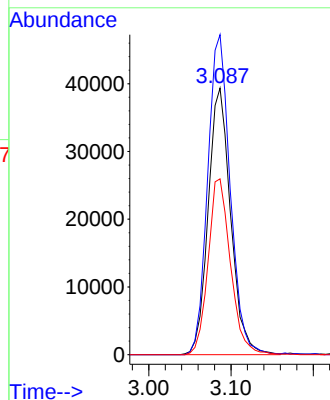
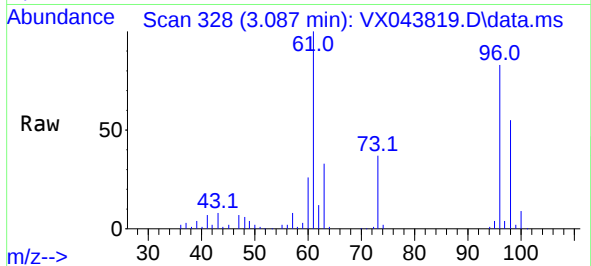
#17
trans-1,2-Dichloroethene
Concen: 48.832 ug/L
RT: 3.087 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

Instrument :
MSVOA_X
ClientSampleId :
E27P5MS

Tgt Ion: 96 Resp: 7488
Ion Ratio Lower Upper
96 100
61 120.0 93.4 173.6
98 66.0 44.1 81.9

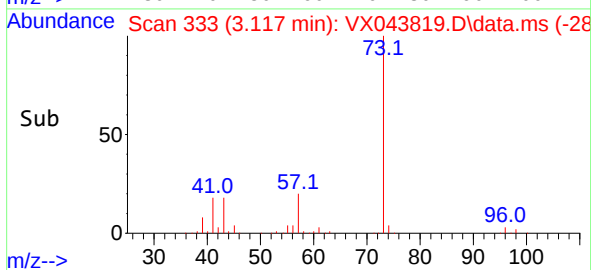
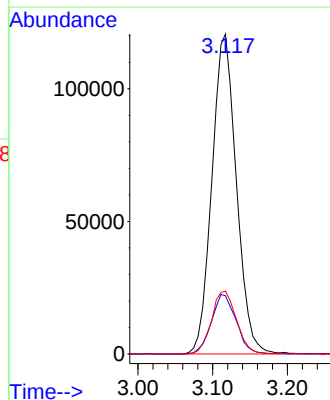
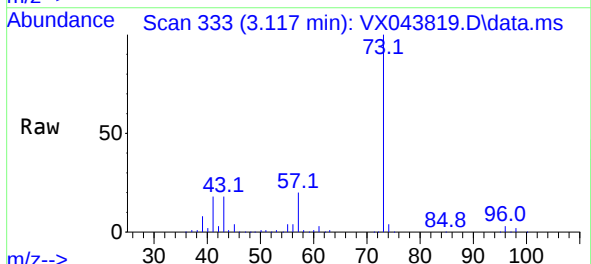
Manual Integrations
APPROVED

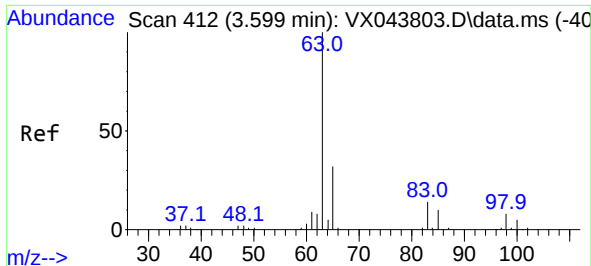
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/18/2024



#18
Methyl tert-butyl Ether
Concen: 47.025 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

Tgt Ion: 73 Resp: 274140
Ion Ratio Lower Upper
73 100
43 18.8 15.5 23.3
57 20.0 17.2 25.8





#19

1,1-Dichloroethane

Concen: 46.904 ug/L

RT: 3.605 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX043819.D

Acq: 12 Nov 2024 18:36

Instrument :

MSVOA_X

ClientSampleId :

E27P5MS

Tgt Ion: 63 Resp: 141638

Ion Ratio Lower Upper

63 100

65 33.3 23.2 43.2

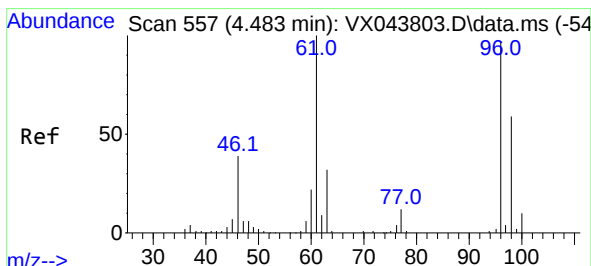
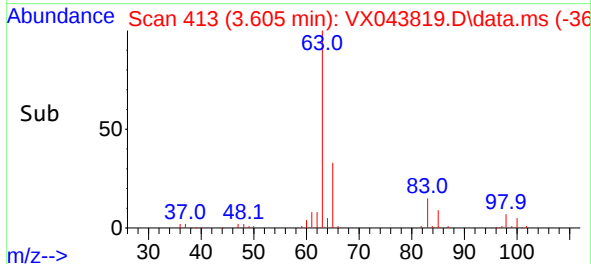
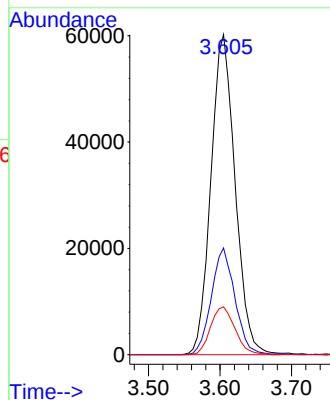
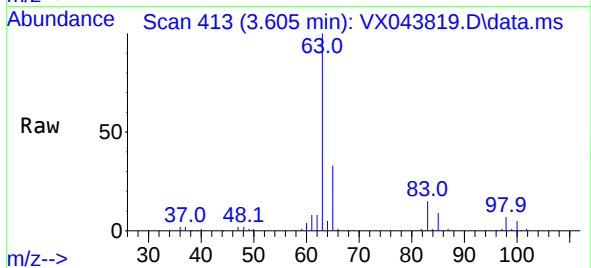
83 14.9 9.4 17.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2024

Supervised By :Mahesh Dadoda 11/18/2024



#20

cis-1,2-Dichloroethene

Concen: 50.262 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX043819.D

Acq: 12 Nov 2024 18:36

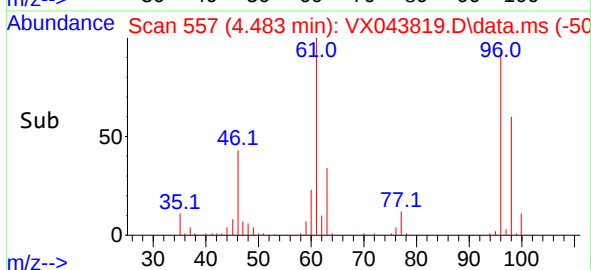
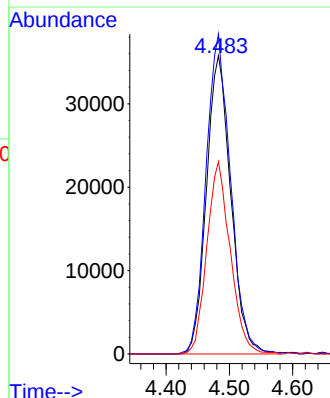
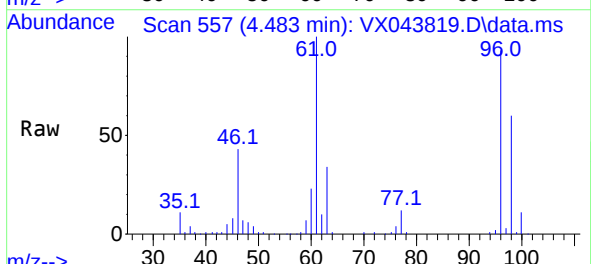
Tgt Ion: 96 Resp: 95734

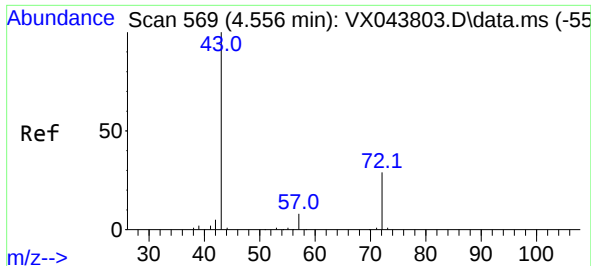
Ion Ratio Lower Upper

96 100

61 107.2 85.2 158.2

98 64.5 44.6 82.8





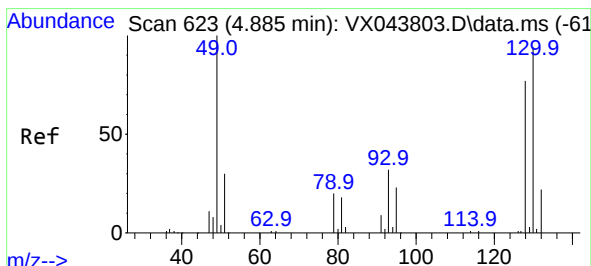
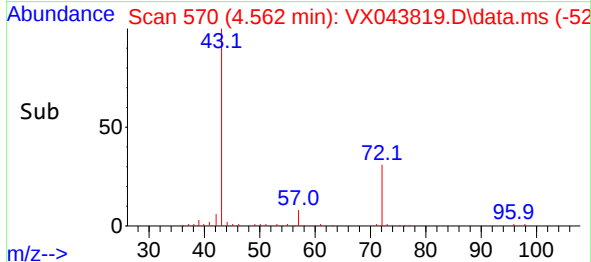
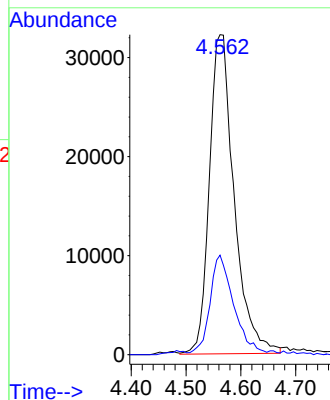
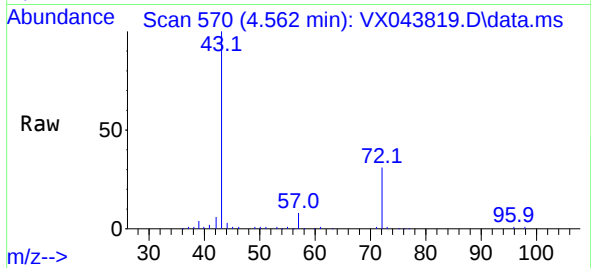
#22
2-Butanone
Concen: 80.565 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

Instrument :
MSVOA_X
ClientSampleId :
E27P5MS

Tgt Ion: 43 Resp: 10104
Ion Ratio Lower Upper
43 100
72 27.6 13.6 40.8

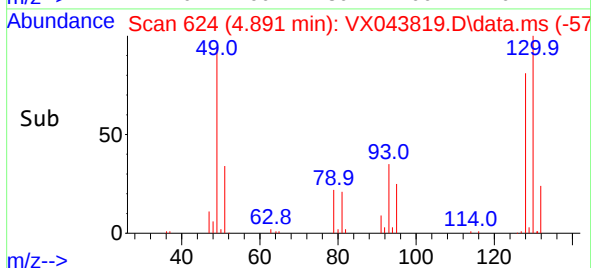
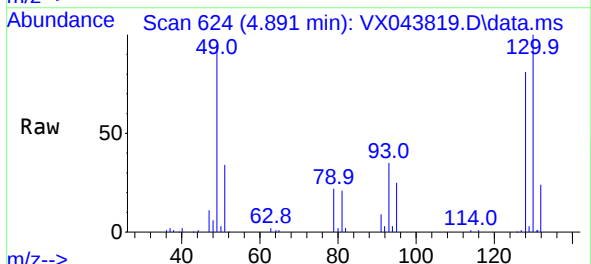
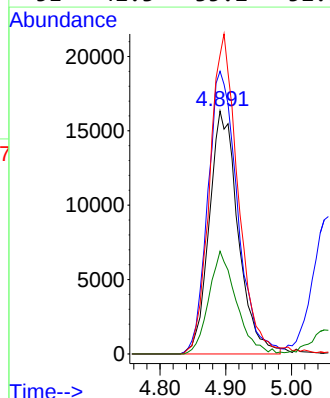
Manual Integrations
APPROVED

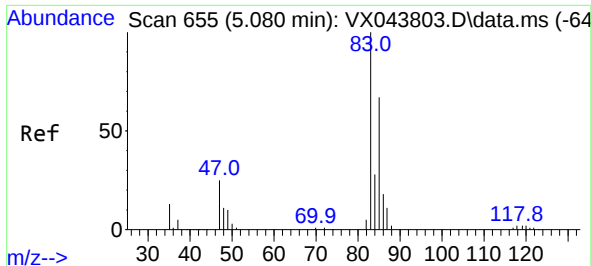
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/18/2024



#23
Bromochloromethane
Concen: 52.026 ug/L
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

Tgt Ion:128 Resp: 49812
Ion Ratio Lower Upper
128 100
49 116.4 101.4 188.4
130 123.1 91.5 169.9
51 42.3 35.2 52.8





#25

Chloroform

Concen: 49.467 ug/L

RT: 5.086 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX043819.D

Acq: 12 Nov 2024 18:36

Instrument :

MSVOA_X

ClientSampleId :

E27P5MS

Tgt Ion: 83 Resp: 160290

Ion Ratio Lower Upper

83 100

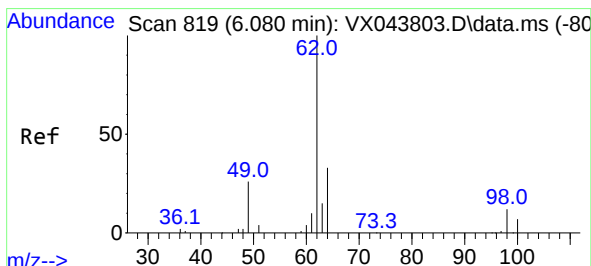
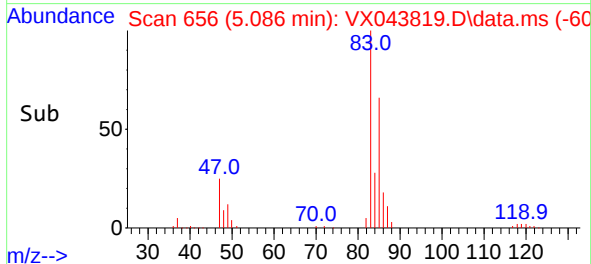
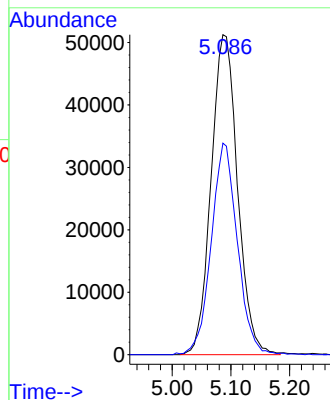
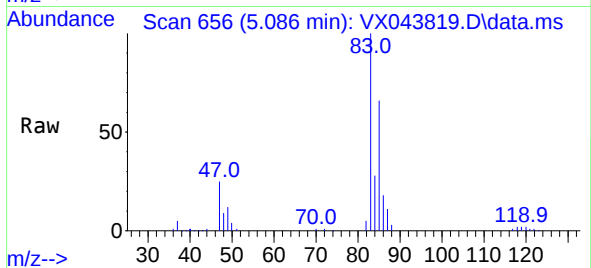
85 66.1 44.4 82.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2024

Supervised By :Mahesh Dadoda 11/18/2024



#27

1,2-Dichloroethane

Concen: 46.165 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.000 min

Lab File: VX043819.D

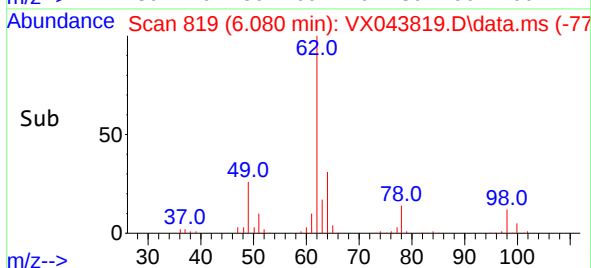
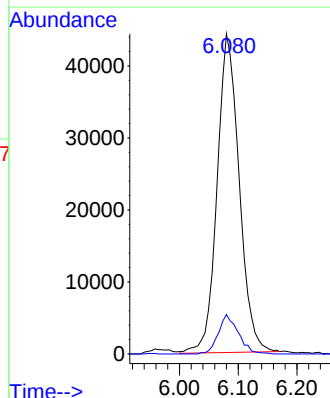
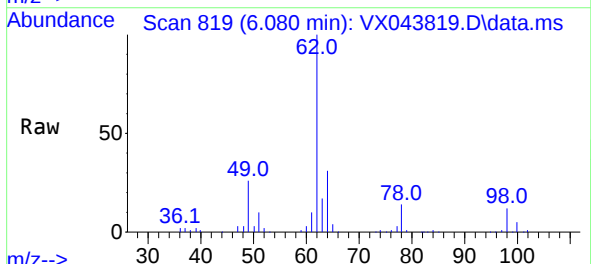
Acq: 12 Nov 2024 18:36

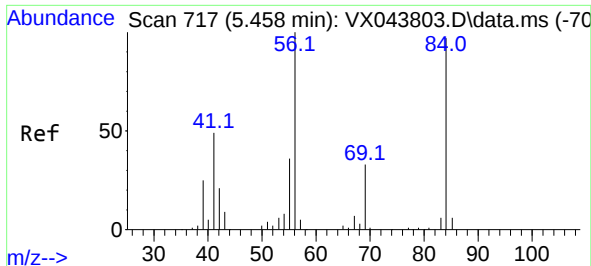
Tgt Ion: 62 Resp: 115592

Ion Ratio Lower Upper

62 100

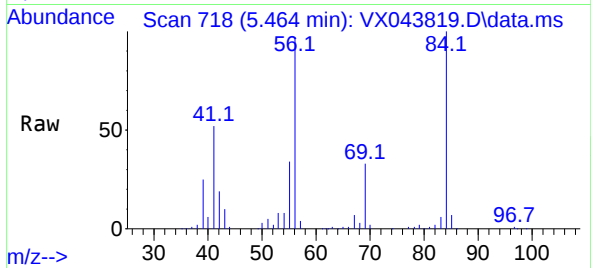
98 12.3 9.0 13.6





#29
Cyclohexane
Concen: 40.770 ug/L
RT: 5.464 min Scan# 717
Delta R.T. 0.006 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

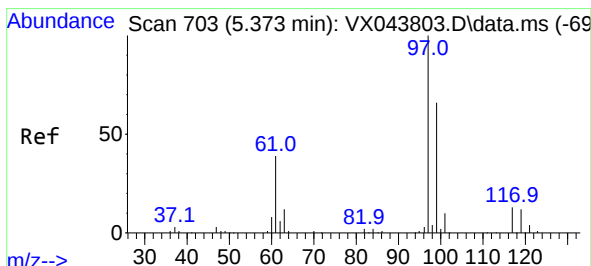
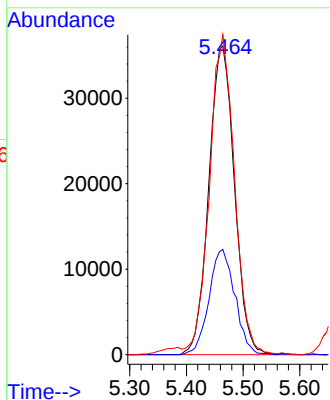
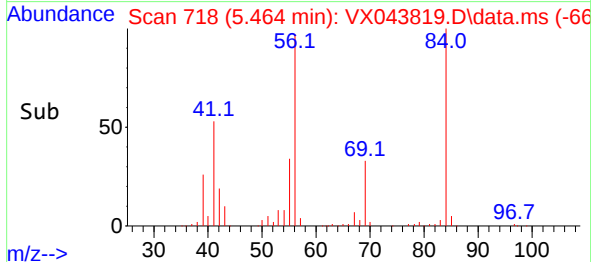
Instrument :
MSVOA_X
ClientSampleId :
E27P5MS



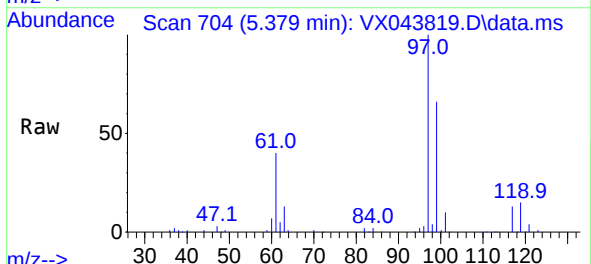
Tgt Ion: 56 Resp: 11341
Ion Ratio Lower Upper
56 100
69 34.4 25.2 37.8
84 101.4 72.9 109.3

Manual Integrations
APPROVED

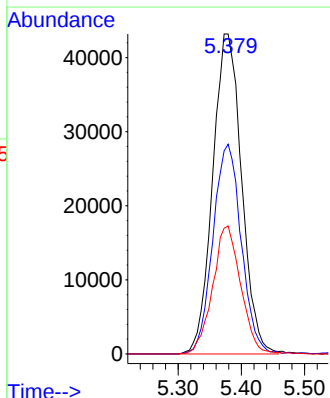
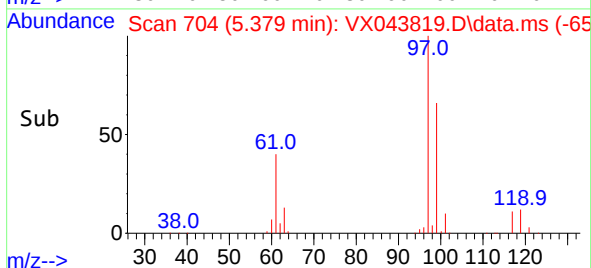
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/18/2024

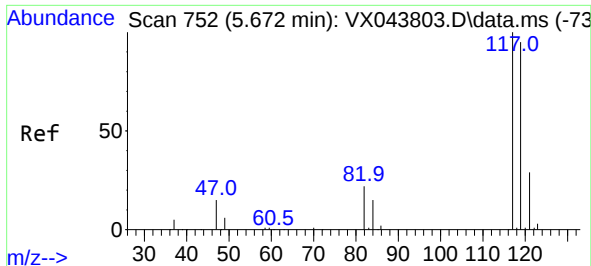


#30
1,1,1-Trichloroethane
Concen: 47.192 ug/L
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36



Tgt Ion: 97 Resp: 137055
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.6
61 38.8 32.6 49.0





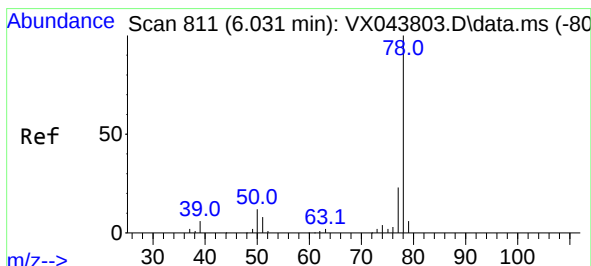
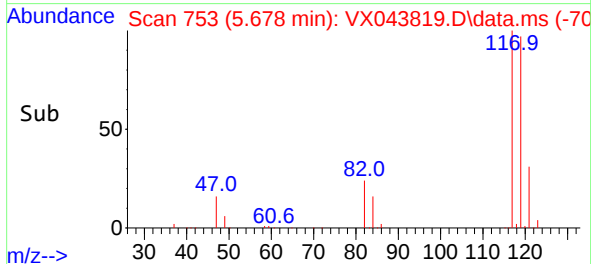
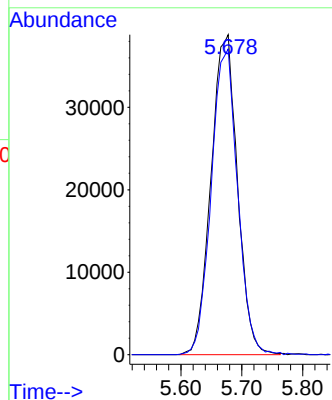
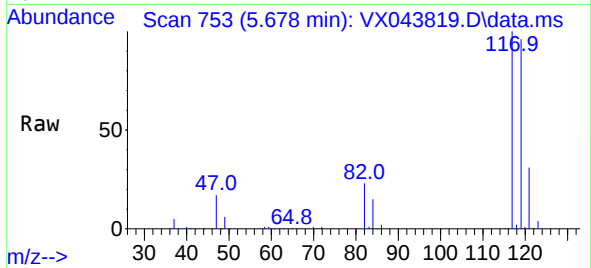
#31
Carbon tetrachloride
Concen: 49.202 ug/L
RT: 5.678 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

Instrument :
MSVOA_X
ClientSampleId :
E27P5MS

Tgt Ion:117 Resp: 117220
Ion Ratio Lower Upper
117 100
119 95.1 77.4 116.0

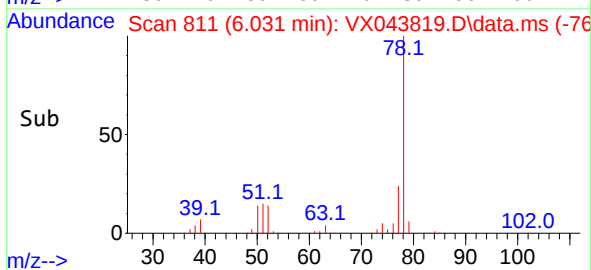
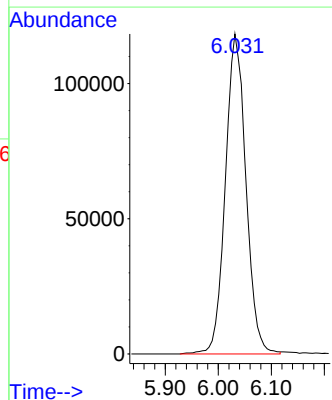
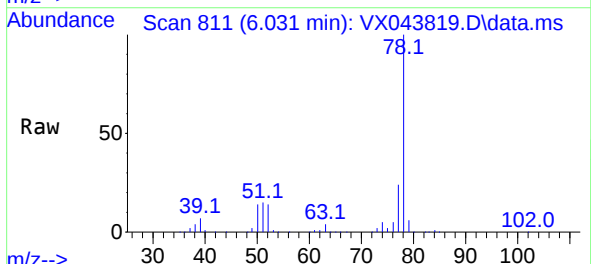
Manual Integrations
APPROVED

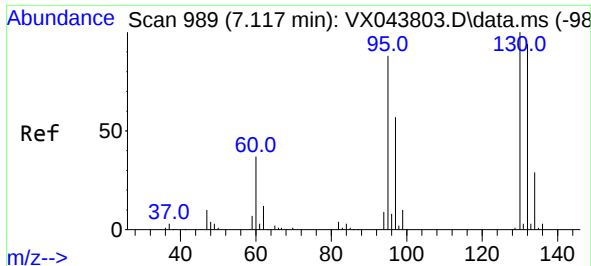
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/18/2024



#33
Benzene
Concen: 46.622 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

Tgt Ion: 78 Resp: 318587





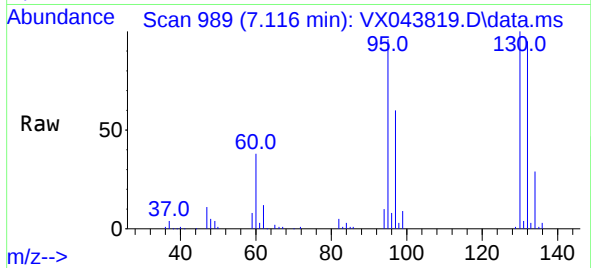
#34
Trichloroethene
Concen: 48.525 ug/L
RT: 7.116 min Scan# 989
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

Instrument :

MSVOA_X

ClientSampleId :

E27P5MS

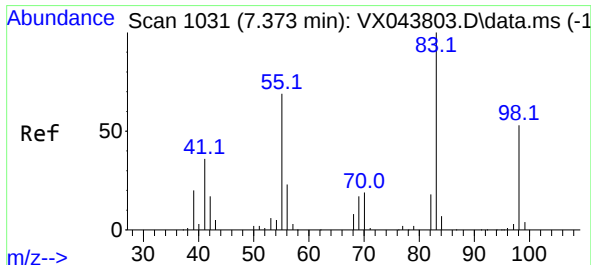
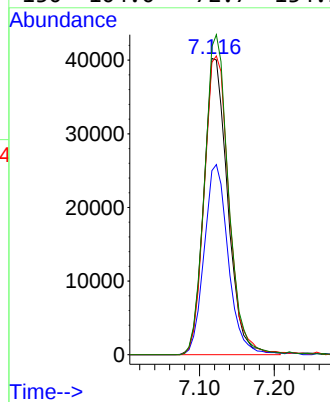
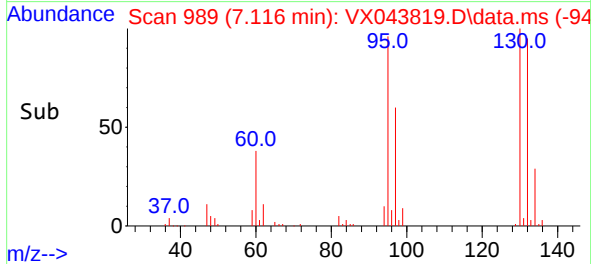


Tgt Ion: 95 Resp: 89140
Ion Ratio Lower Upper
95 100
97 62.2 45.4 84.2
132 98.7 69.7 129.5
130 104.0 72.7 134.9

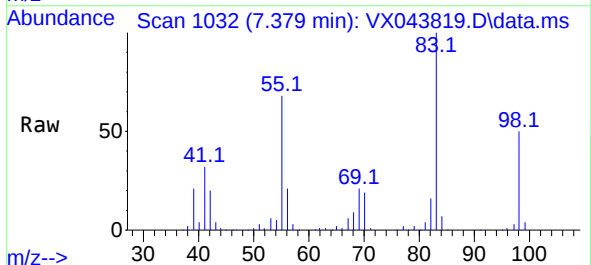
Manual Integrations

APPROVED

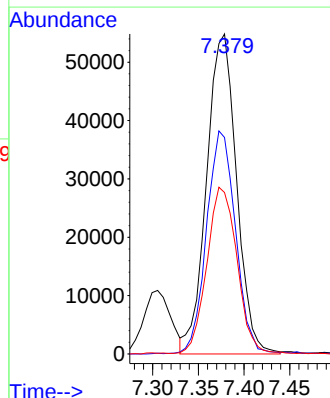
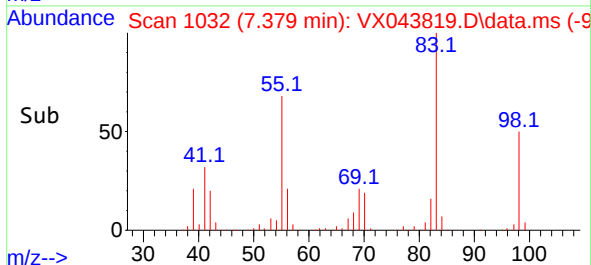
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/18/2024

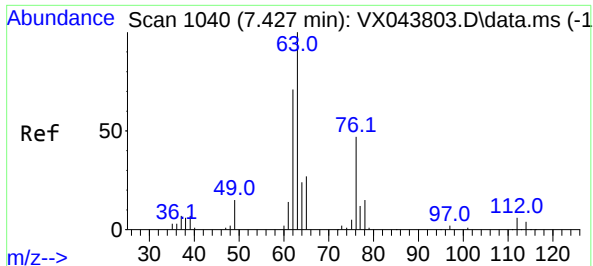


#35
Methylcyclohexane
Concen: 45.575 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36



Tgt Ion: 83 Resp: 125091
Ion Ratio Lower Upper
83 100
55 67.5 58.6 88.0
98 52.5 39.0 58.4





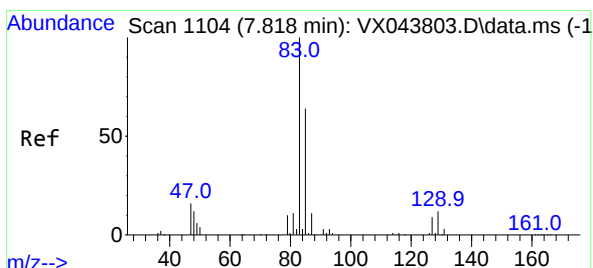
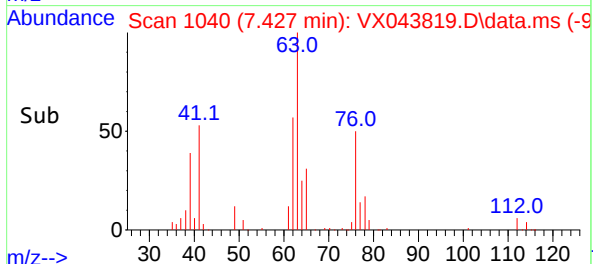
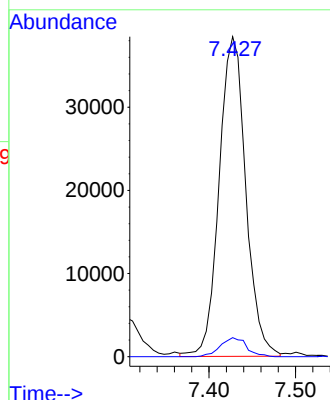
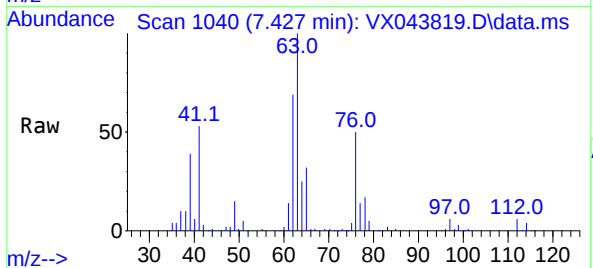
#37
1,2-Dichloropropane
Concen: 45.100 ug/L
RT: 7.427 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

Instrument :
MSVOA_X
ClientSampleId :
E27P5MS

Tgt Ion: 63 Resp: 8209
Ion Ratio Lower Upper
63 100
112 5.9 3.8 5.8

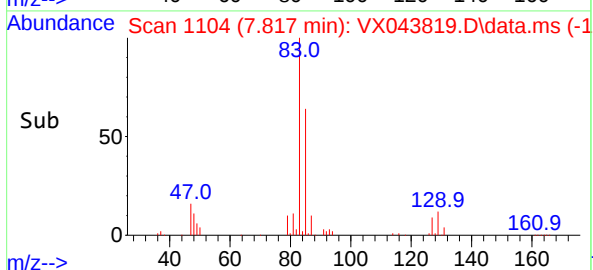
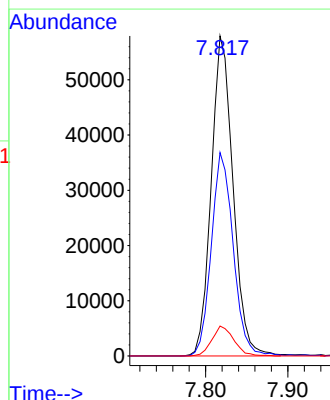
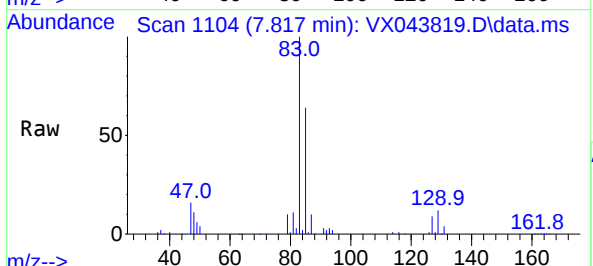
Manual Integrations
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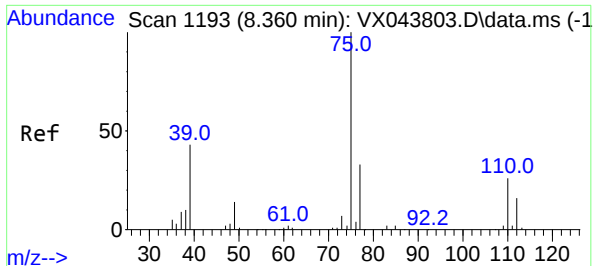
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/18/2024



#38
Bromodichloromethane
Concen: 46.102 ug/L
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

Tgt Ion: 83 Resp: 106734
Ion Ratio Lower Upper
83 100
85 63.6 43.8 81.3
127 9.4 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 45.116 ug/L

RT: 8.366 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VX043819.D

Acq: 12 Nov 2024 18:36

Instrument :

MSVOA_X

ClientSampleId :

E27P5MS

Tgt Ion: 75 Resp: 13406

Ion Ratio Lower Upper

75 100

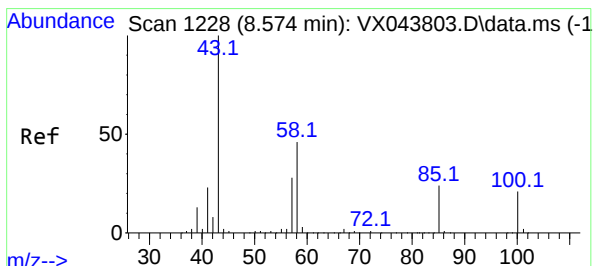
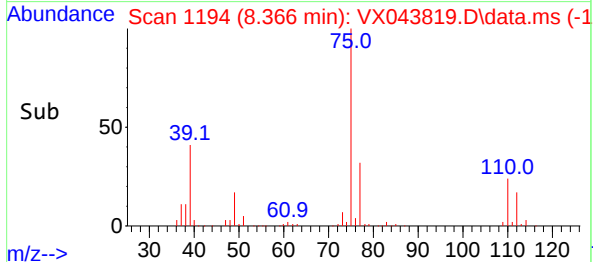
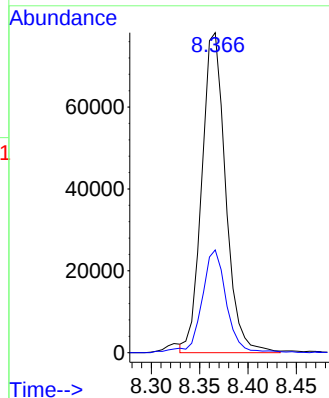
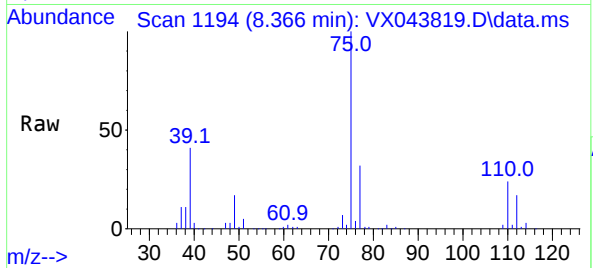
77 32.1 21.7 40.3

Manual Integrations

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Reviewed By :John Carlone 11/13/2024

Supervised By :Mahesh Dadoda 11/18/2024



#40

4-Methyl-2-pentanone

Concen: 81.838 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX043819.D

Acq: 12 Nov 2024 18:36

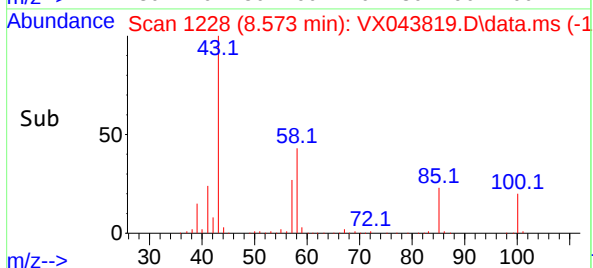
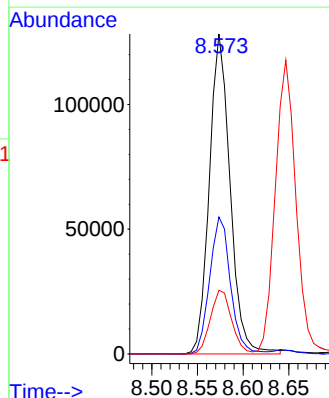
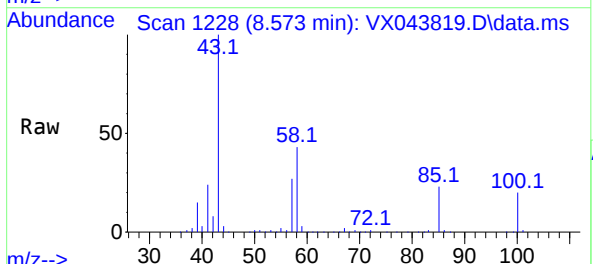
Tgt Ion: 43 Resp: 202756

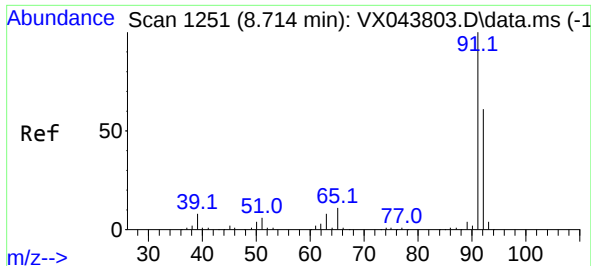
Ion Ratio Lower Upper

43 100

58 42.8 31.6 47.4

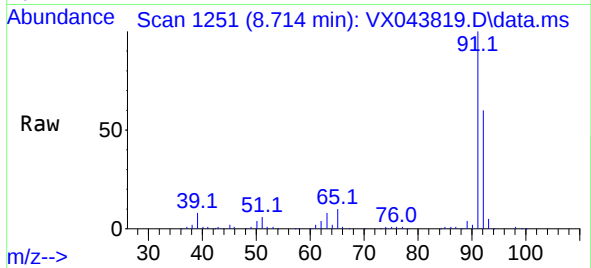
100 20.3 13.8 20.6





#42
Toluene
Concen: 48.529 ug/L
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

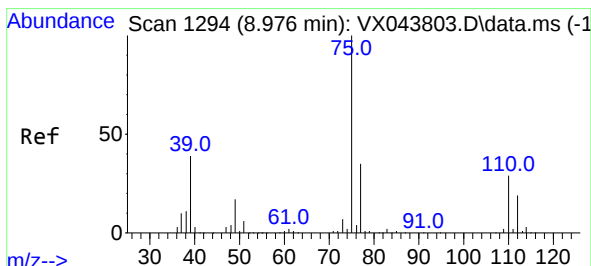
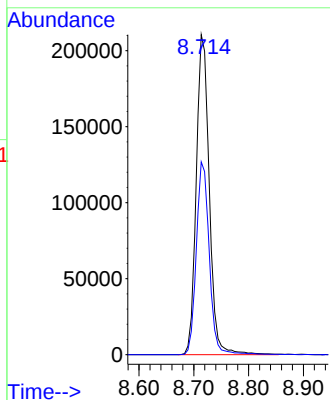
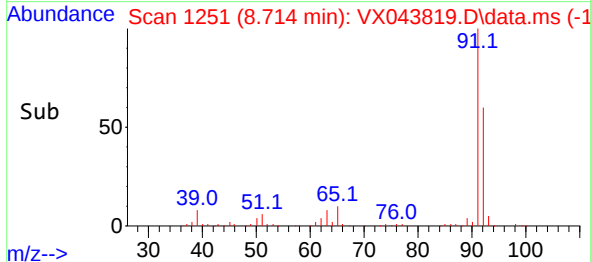
Instrument :
MSVOA_X
ClientSampleId :
E27P5MS



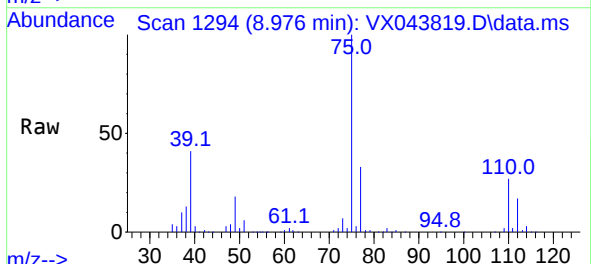
Tgt Ion: 91 Resp: 34879
Ion Ratio Lower Upper
91 100
92 60.3 41.6 77.3

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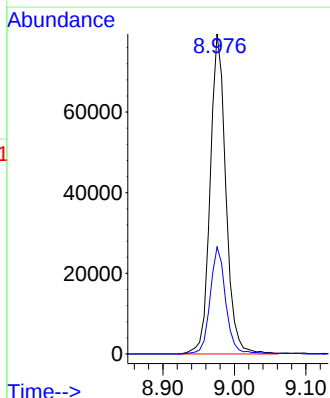
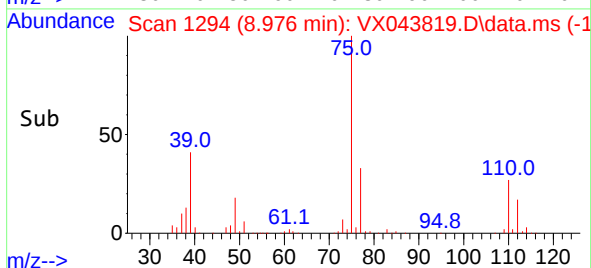
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/18/2024

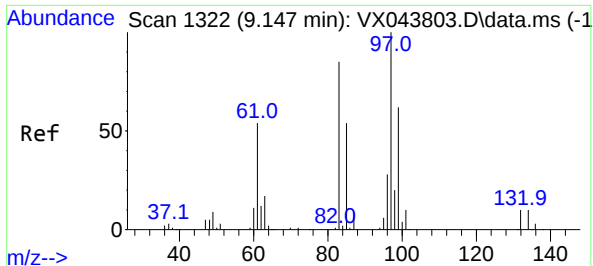


#44
trans-1,3-Dichloropropene
Concen: 44.659 ug/L
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36



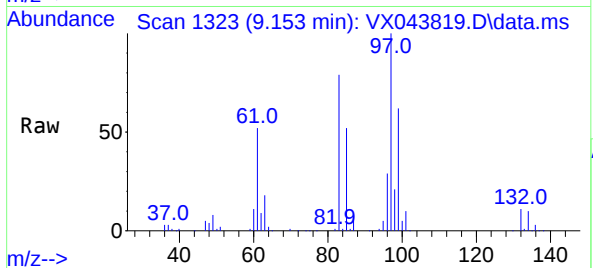
Tgt Ion: 75 Resp: 121011
Ion Ratio Lower Upper
75 100
77 33.4 21.8 40.4





#45
1,1,2-Trichloroethane
Concen: 50.363 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

Instrument :
MSVOA_X
ClientSampleId :
E27P5MS

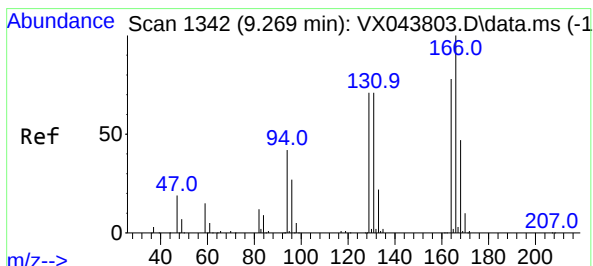
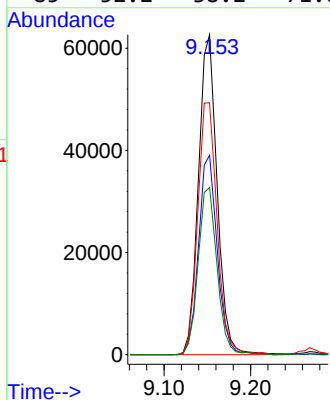
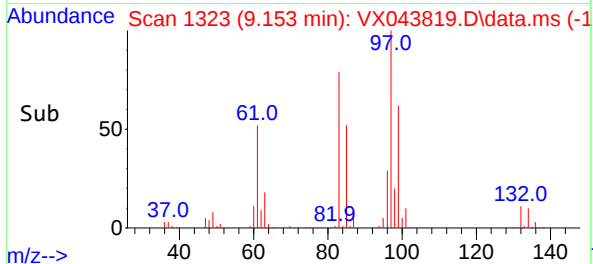


Tgt Ion: 97 Resp: 9400

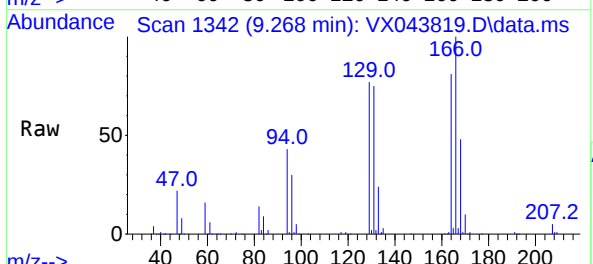
Ion	Ratio	Lower	Upper
97	100		
99	62.4	42.8	79.4
83	78.7	58.4	108.4
85	52.2	38.2	71.0

Manual Integrations
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Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/18/2024

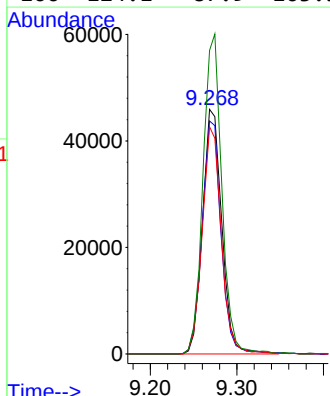
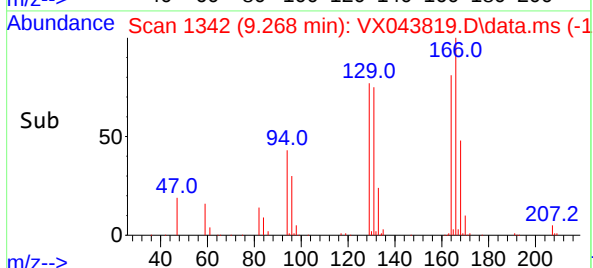


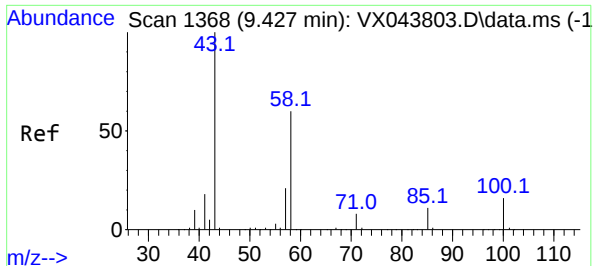
#46
Tetrachloroethene
Concen: 53.672 ug/L
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36



Tgt Ion:164 Resp: 70973

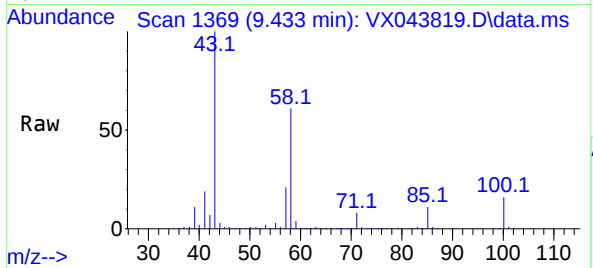
Ion	Ratio	Lower	Upper
164	100		
129	95.2	72.2	134.2
131	92.9	69.0	128.2
166	124.1	87.9	163.3





#48
2-Hexanone
Concen: 82.260 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

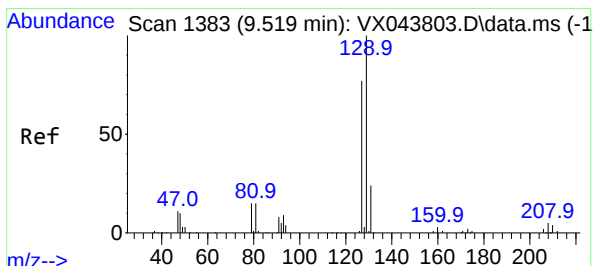
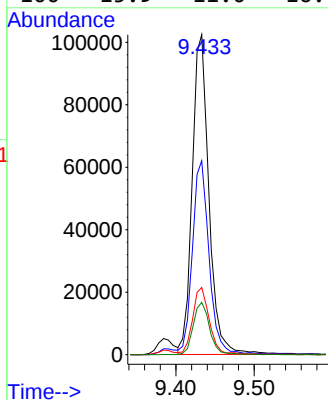
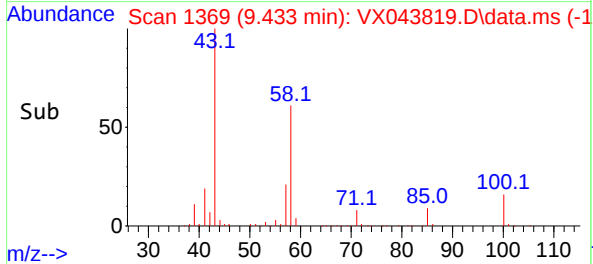
Instrument :
MSVOA_X
ClientSampleId :
E27P5MS



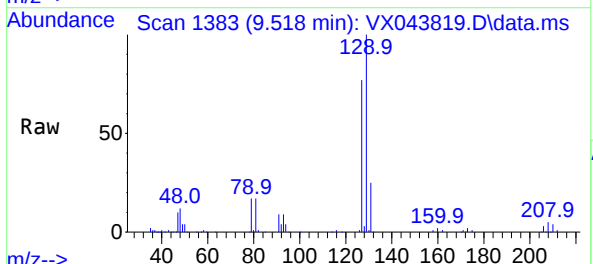
Tgt Ion: 43 Resp: 152340
Ion Ratio Lower Upper
43 100
58 60.1 44.6 67.0
57 20.6 15.7 23.5
100 15.9 11.0 16.4

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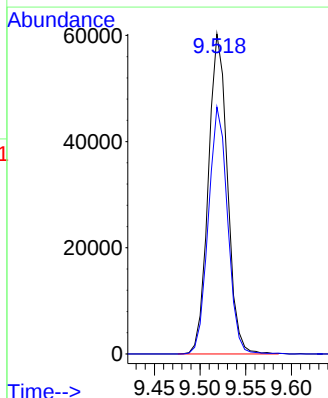
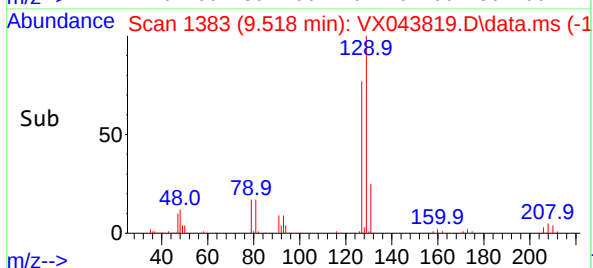
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/18/2024

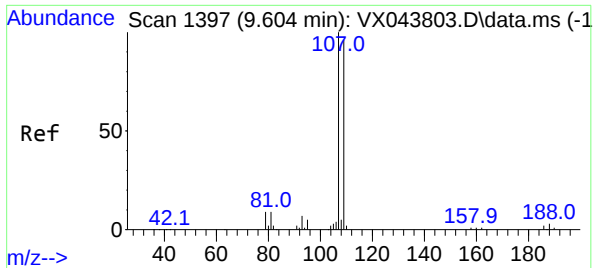


#49
Dibromochloromethane
Concen: 50.258 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36



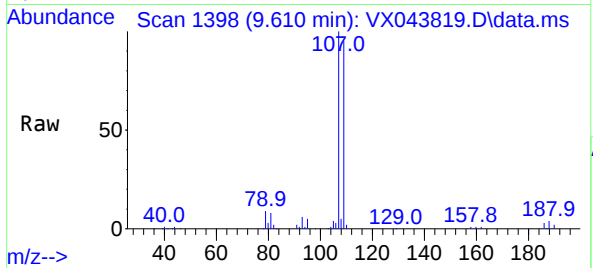
Tgt Ion:129 Resp: 87437
Ion Ratio Lower Upper
129 100
127 77.2 54.2 100.6





#50
1,2-Dibromoethane
Concen: 50.473 ug/L
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

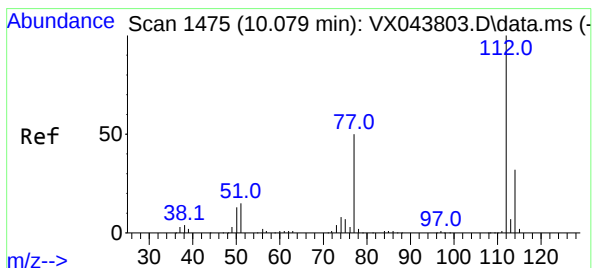
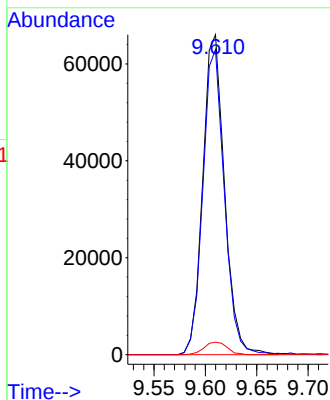
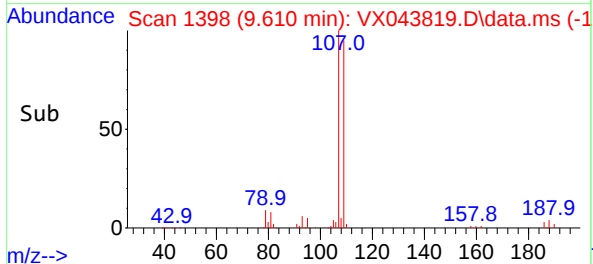
Instrument :
MSVOA_X
ClientSampleId :
E27P5MS



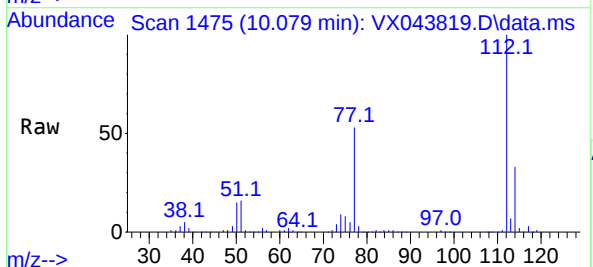
Tgt Ion:107 Resp: 97274
Ion Ratio Lower Upper
107 100
109 95.3 64.9 120.5
188 3.9 2.6 4.0

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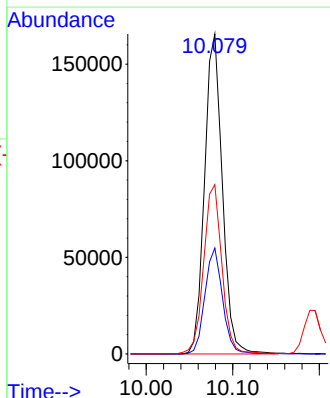
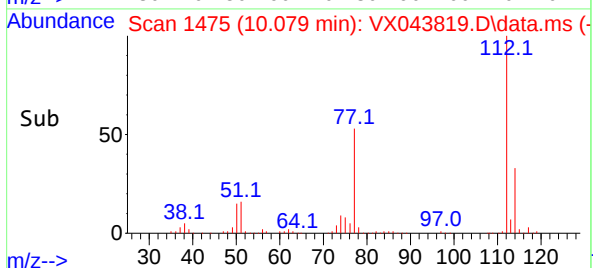
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/18/2024

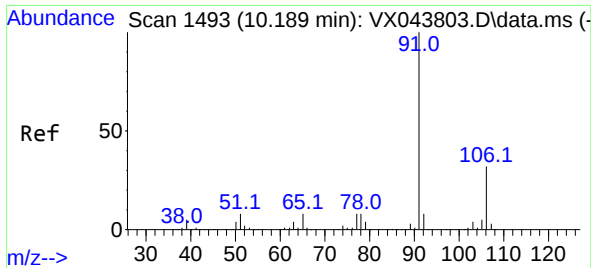


#51
Chlorobenzene
Concen: 50.270 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36



Tgt Ion:112 Resp: 236133
Ion Ratio Lower Upper
112 100
114 33.1 22.6 42.0
77 52.9 45.9 68.9





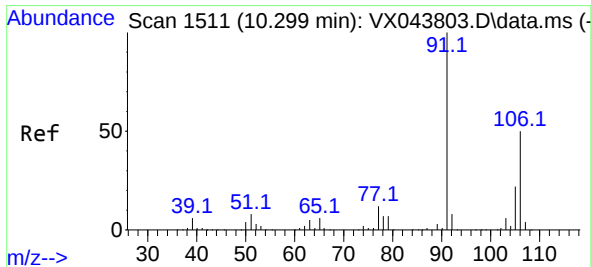
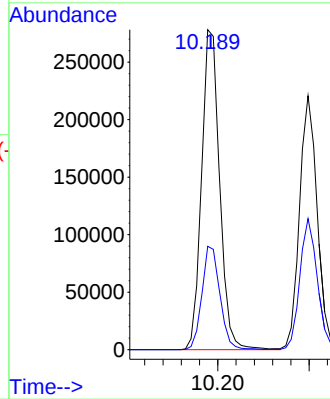
#52
Ethylbenzene
Concen: 48.998 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

Instrument :
MSVOA_X
ClientSampleId :
E27P5MS

Tgt Ion: 91 Resp: 38279
Ion Ratio Lower Upper
91 100
106 32.3 21.9 40.7

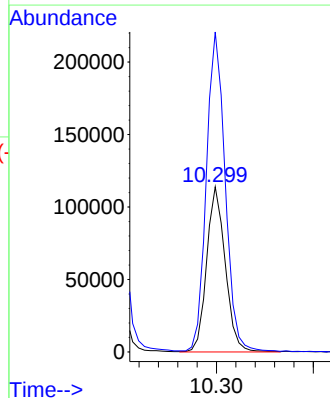
Manual Integrations
APPROVED

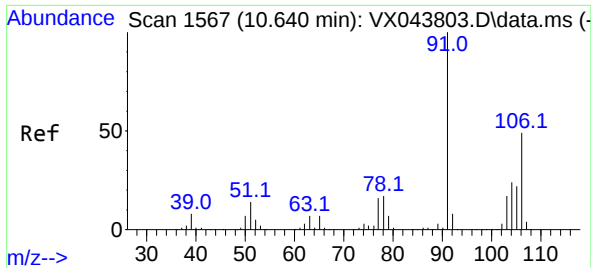
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/18/2024



#53
m,p-Xylene
Concen: 50.591 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

Tgt Ion:106 Resp: 152571
Ion Ratio Lower Upper
106 100
91 193.7 140.6 261.2





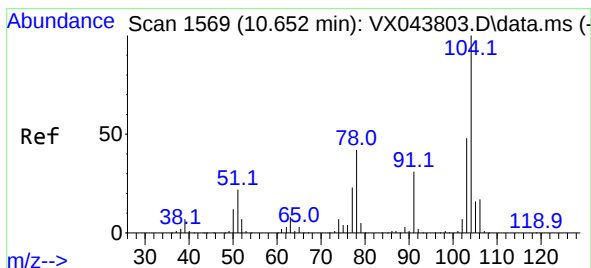
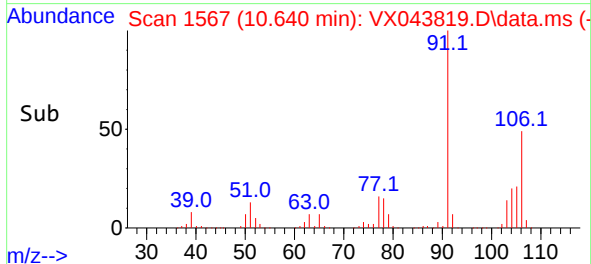
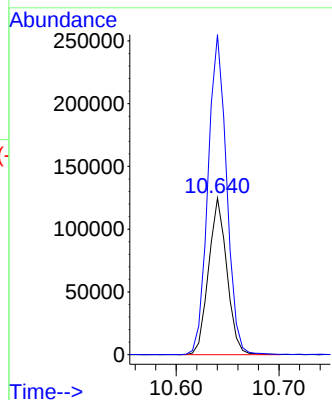
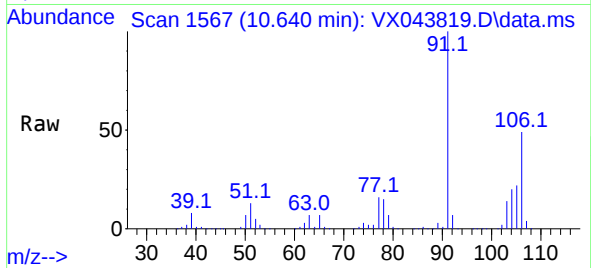
#54
o-Xylene
Concen: 51.425 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

Instrument :
MSVOA_X
ClientSampleId :
E27P5MS

Tgt Ion:106 Resp: 154615
Ion Ratio Lower Upper
106 100
91 204.4 151.9 282.1

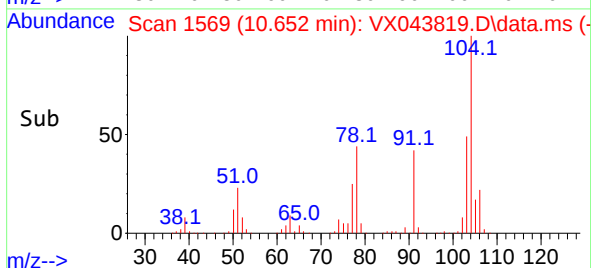
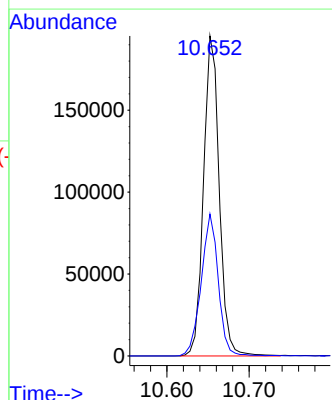
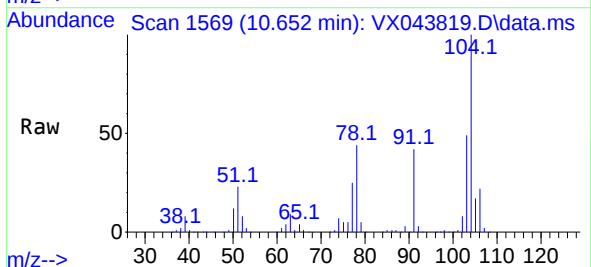
Manual Integrations
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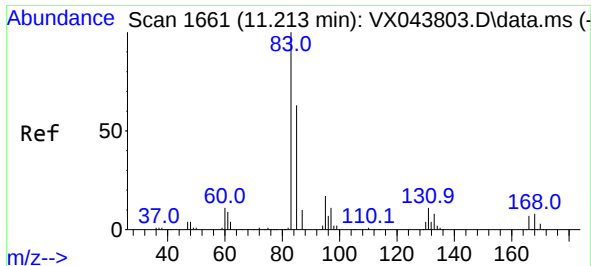
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/18/2024



#55
Styrene
Concen: 51.935 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

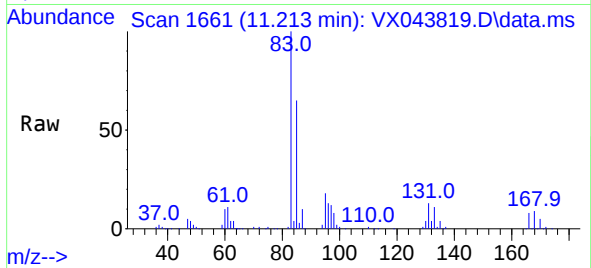
Tgt Ion:104 Resp: 259748
Ion Ratio Lower Upper
104 100
78 44.4 31.6 58.6





#57
1,1,2,2-Tetrachloroethane
Concen: 48.951 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

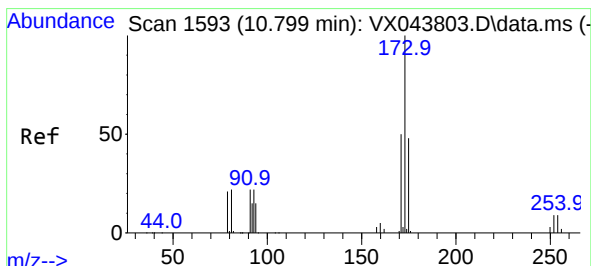
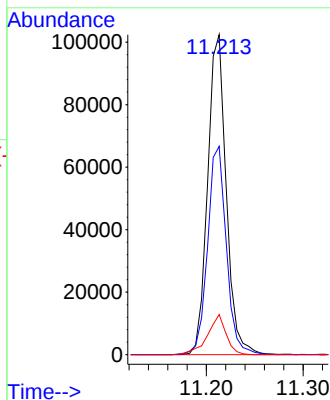
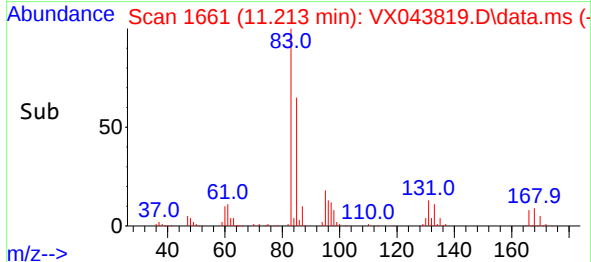
Instrument :
MSVOA_X
ClientSampleId :
E27P5MS



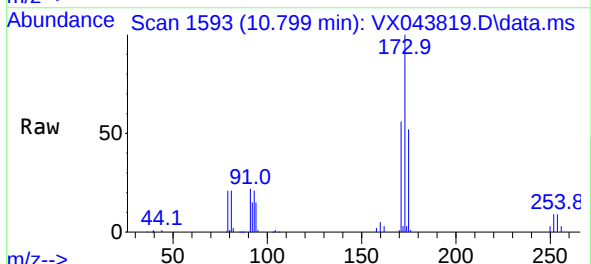
Tgt Ion: 83 Resp: 13684
Ion Ratio Lower Upper
83 100
85 65.1 45.2 84.0
131 12.5 8.3 12.5

Manual Integrations
APPROVED

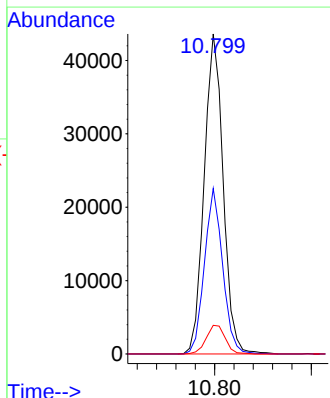
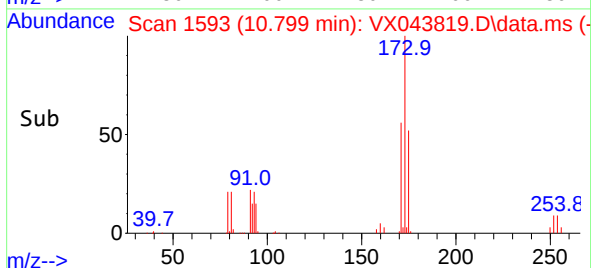
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/18/2024

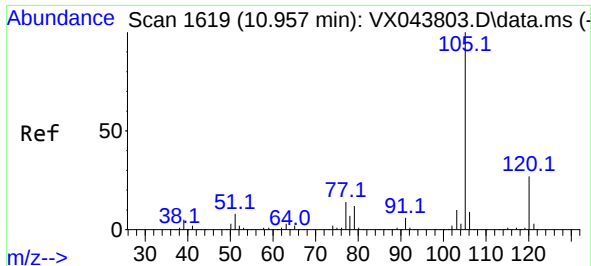


#59
Bromoform
Concen: 47.694 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36



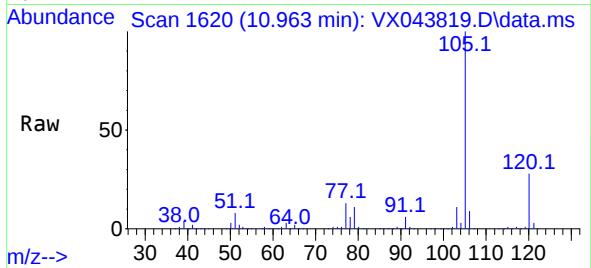
Tgt Ion:173 Resp: 59518
Ion Ratio Lower Upper
173 100
175 49.7 37.0 55.6
254 9.1 6.4 9.6





#60
Isopropylbenzene
Concen: 48.113 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

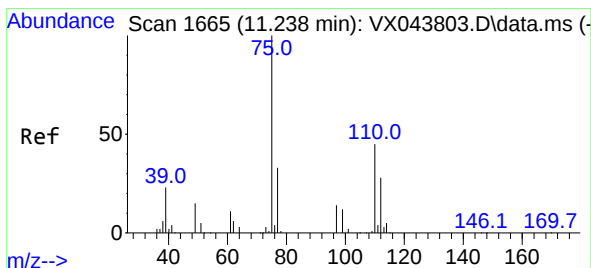
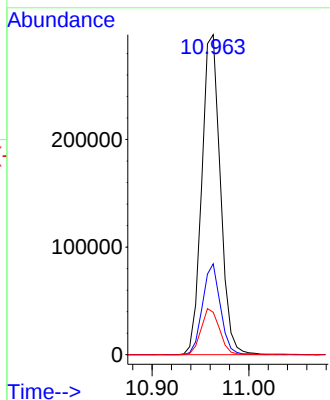
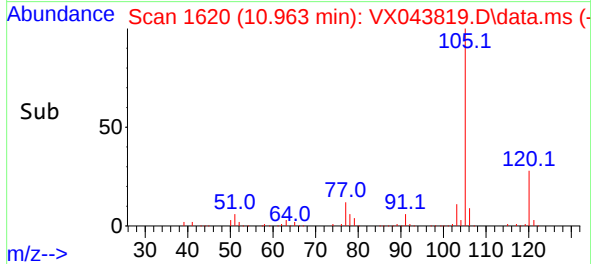
Instrument :
MSVOA_X
ClientSampleId :
E27P5MS



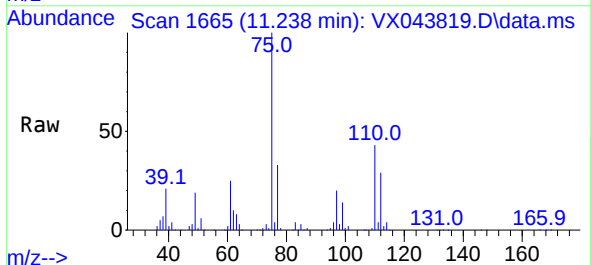
Tgt Ion:105 Resp: 398017
Ion Ratio Lower Upper
105 100
120 27.4 21.1 31.7
77 14.3 12.3 18.5

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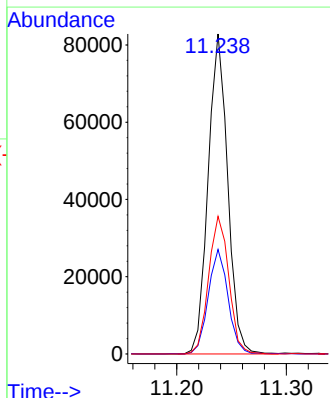
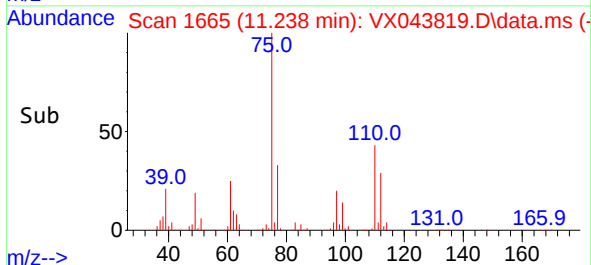
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/18/2024

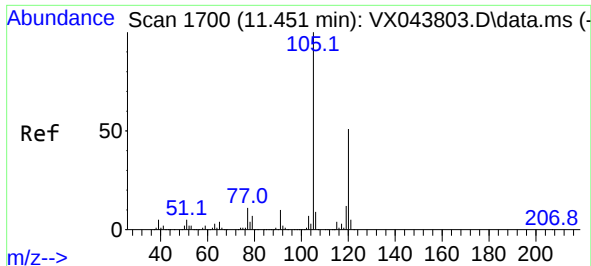


#61
1,2,3-Trichloropropane
Concen: 44.244 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36



Tgt Ion: 75 Resp: 102461
Ion Ratio Lower Upper
75 100
77 33.2 25.4 38.0
110 44.5 33.6 50.4





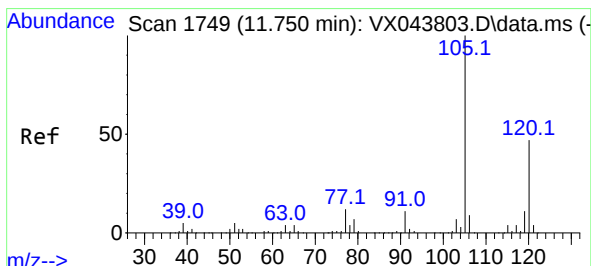
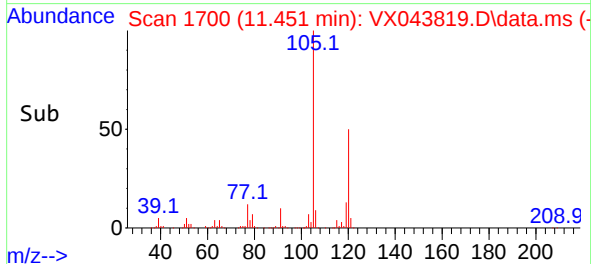
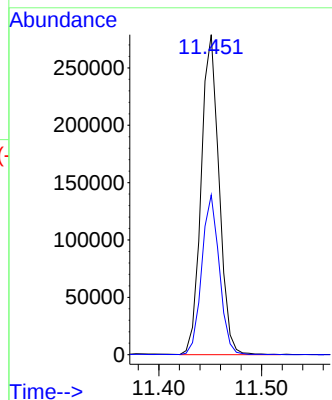
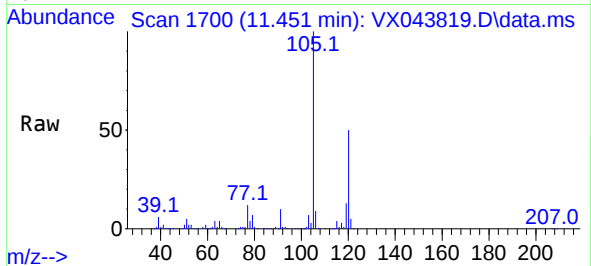
#62
1,3,5-Trimethylbenzene
Concen: 48.582 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

Instrument :
MSVOA_X
ClientSampleId :
E27P5MS

Tgt Ion:105 Resp: 337815
Ion Ratio Lower Upper
105 100
120 48.9 39.4 59.2

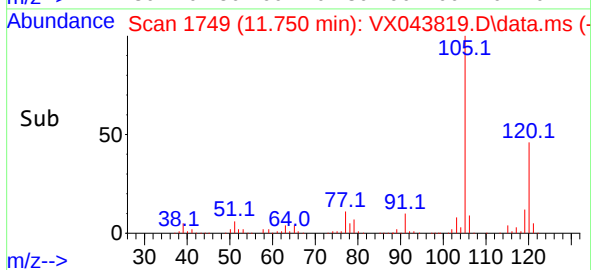
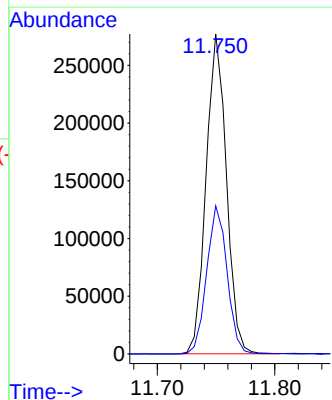
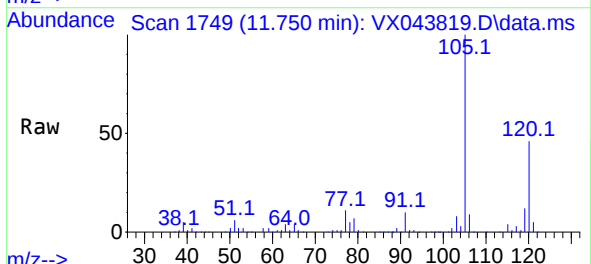
Manual Integrations
APPROVED

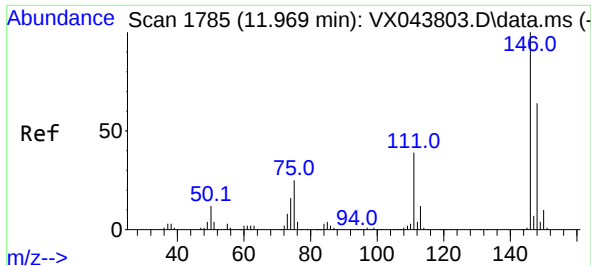
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/18/2024



#63
1,2,4-Trimethylbenzene
Concen: 47.921 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

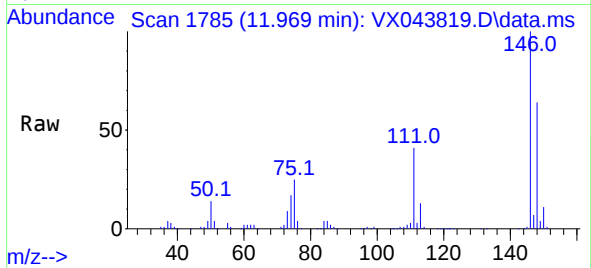
Tgt Ion:105 Resp: 331775
Ion Ratio Lower Upper
105 100
120 46.6 35.7 53.5





#64
1,3-Dichlorobenzene
Concen: 50.006 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

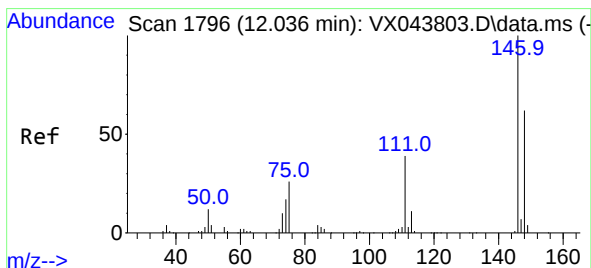
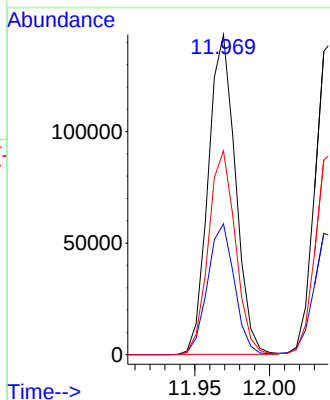
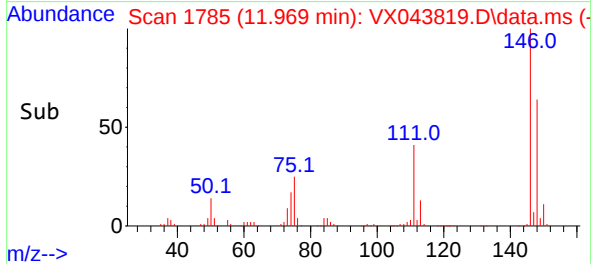
Instrument :
MSVOA_X
ClientSampleId :
E27P5MS



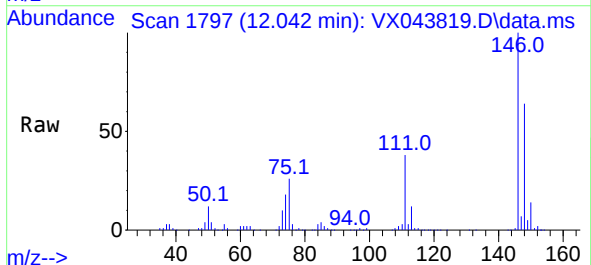
Tgt Ion:146 Resp: 181963
Ion Ratio Lower Upper
146 100
111 40.9 28.3 52.5
148 63.7 45.1 83.9

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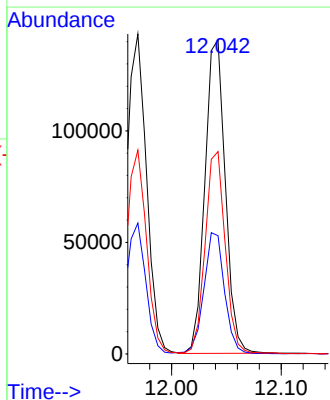
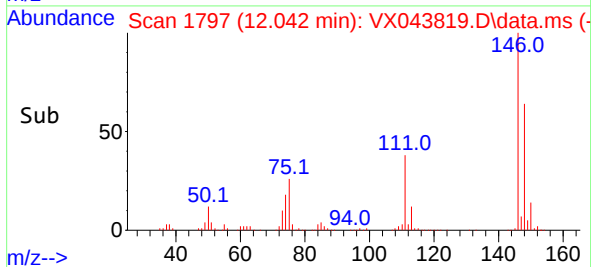
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/18/2024

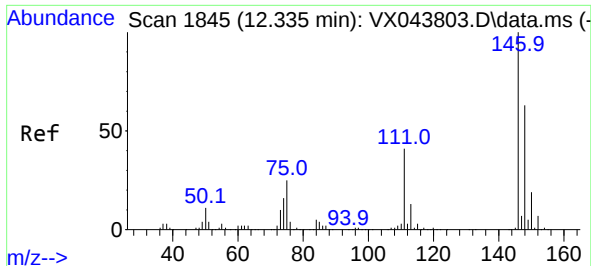


#65
1,4-Dichlorobenzene
Concen: 49.471 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36



Tgt Ion:146 Resp: 181314
Ion Ratio Lower Upper
146 100
111 37.6 28.9 53.7
148 64.4 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 49.897 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX043819.D

Acq: 12 Nov 2024 18:36

Instrument :

MSVOA_X

ClientSampleId :

E27P5MS

Tgt Ion:146 Resp: 18554

Ion Ratio Lower Upper

146 100

111 41.1 33.9 50.9

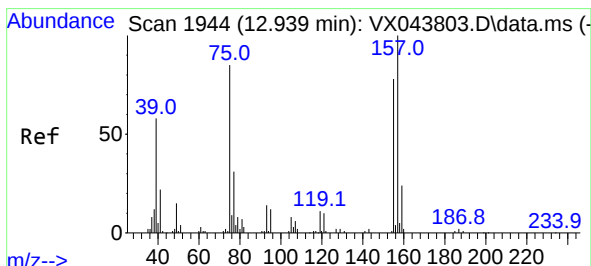
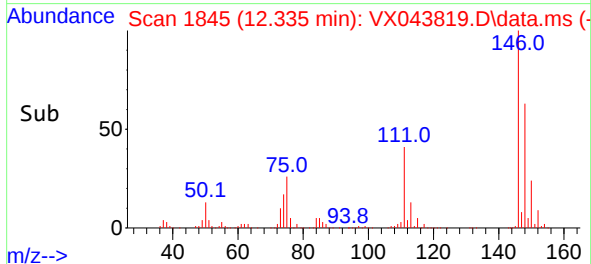
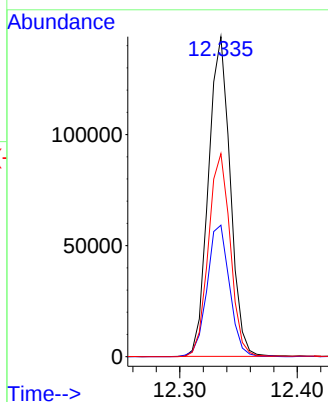
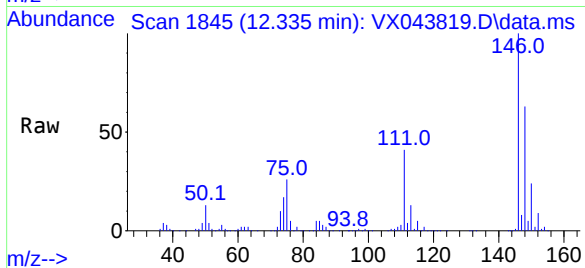
148 63.5 50.6 76.0

Manual Integrations

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Reviewed By :John Carlone 11/13/2024

Supervised By :Mahesh Dadoda 11/18/2024



#68

1,2-Dibromo-3-chloropropane

Concen: 39.340 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX043819.D

Acq: 12 Nov 2024 18:36

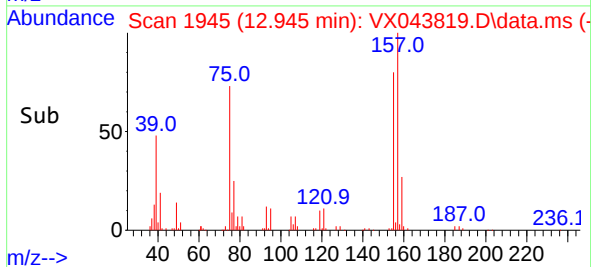
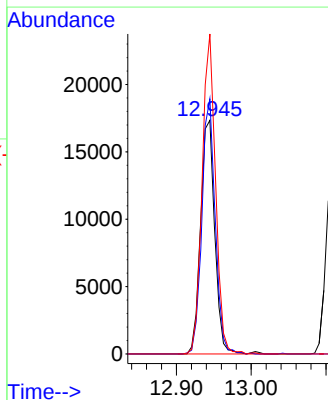
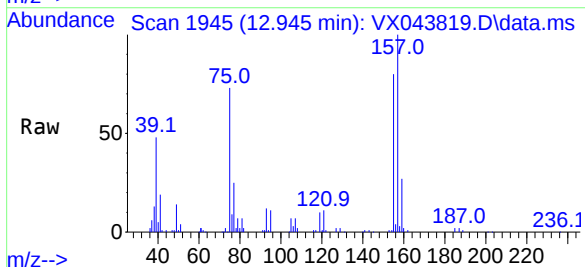
Tgt Ion: 75 Resp: 22813

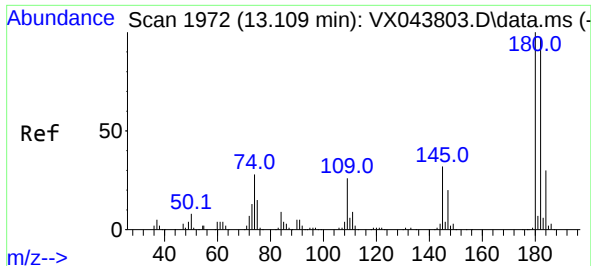
Ion Ratio Lower Upper

75 100

155 109.3 63.8 95.8#

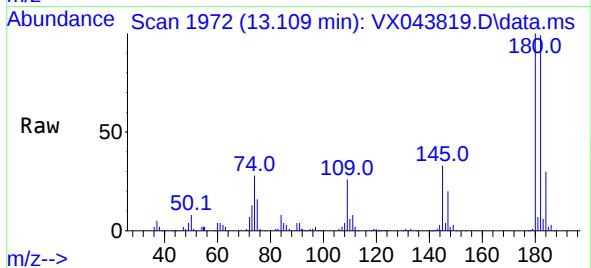
157 137.0 80.3 120.5#





#69
1,3,5-Trichlorobenzene
Concen: 50.670 ug/L
RT: 13.109 min Scan# 1972
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

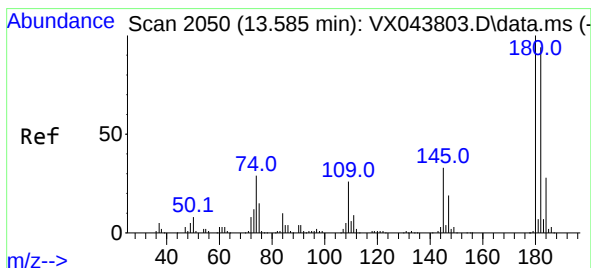
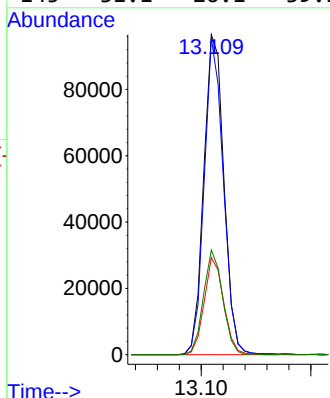
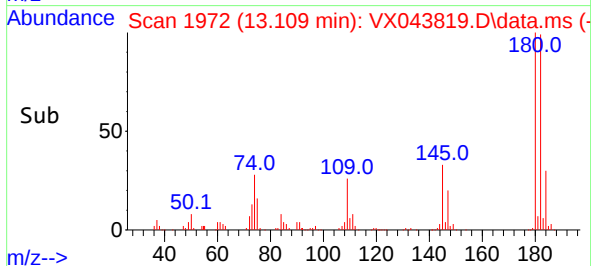
Instrument :
MSVOA_X
ClientSampleId :
E27P5MS



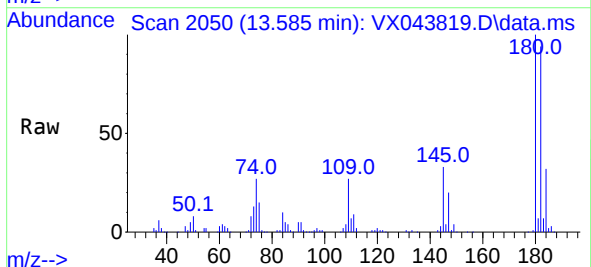
Tgt Ion:180 Resp: 122970
Ion Ratio Lower Upper
180 100
182 94.5 74.7 112.1
184 29.5 23.7 35.5
145 31.1 26.1 39.1

Manual Integrations
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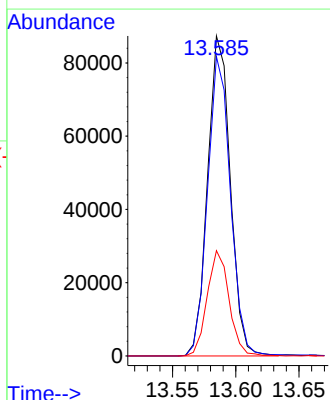
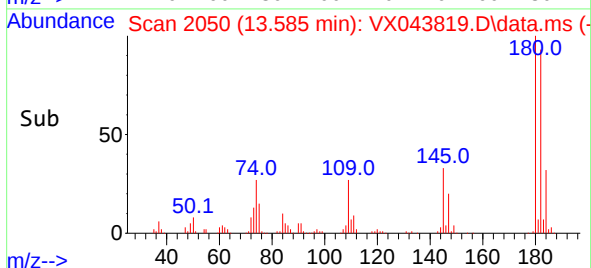
Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/18/2024

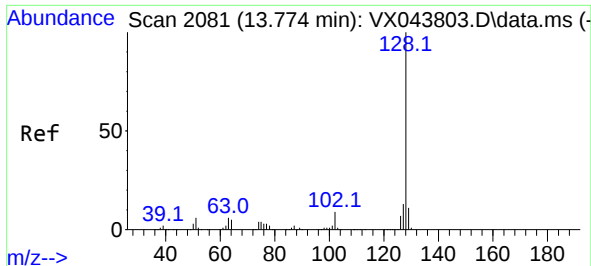


#70
1,2,4-trichlorobenzene
Concen: 48.998 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36



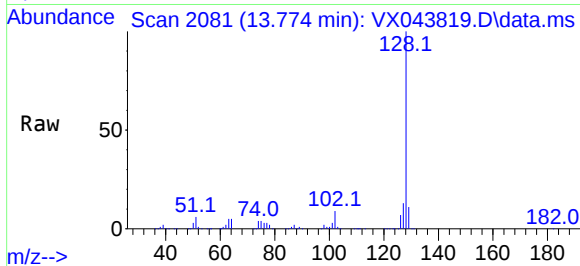
Tgt Ion:180 Resp: 109034
Ion Ratio Lower Upper
180 100
182 94.5 75.9 113.9
145 31.7 26.9 40.3





#71
Naphthalene
Concen: 48.188 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36

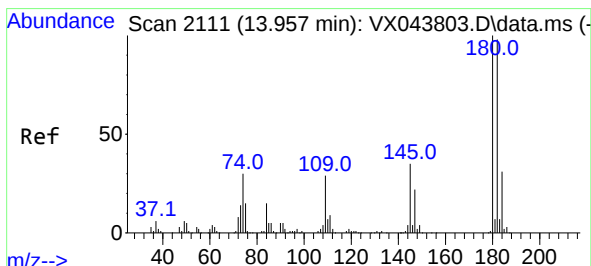
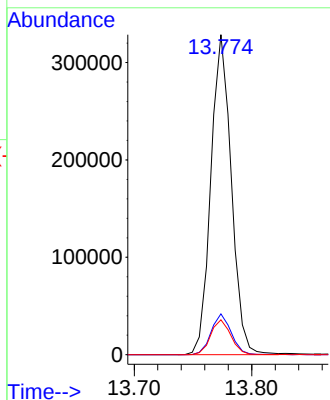
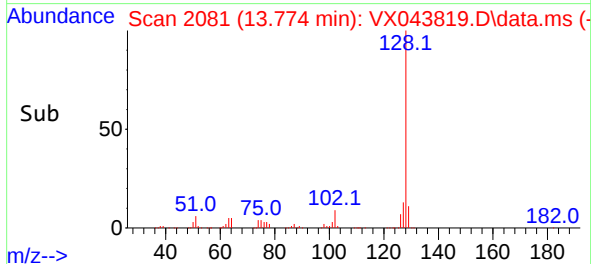
Instrument :
MSVOA_X
ClientSampleId :
E27P5MS



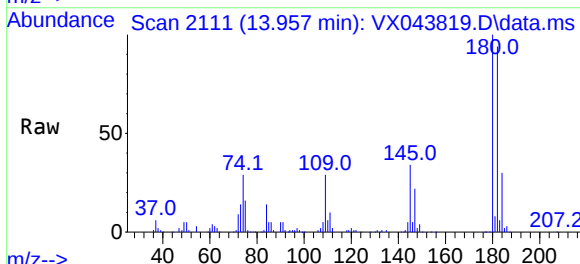
Tgt Ion:128 Resp: 398200
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 10.8 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/18/2024



#72
1,2,3-Trichlorobenzene
Concen: 48.152 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX043819.D
Acq: 12 Nov 2024 18:36



Tgt Ion:180 Resp: 110741
Ion Ratio Lower Upper
180 100
182 97.1 75.8 113.8
145 34.2 28.4 42.6

