

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111921\
 Data File : VX025228.D
 Acq On : 18 Nov 2021 22:41
 Operator : JC/MD
 Sample : M4677-07MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 H0AB5MS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/19/2021
 Supervised By : Mahesh Dadoda 11/22/2021

Quant Time: Nov 19 05:31:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 19 05:25:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	175202	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	161587	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	81616	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	44812	37.860	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.720%		
7) Chloroethane-d5	1.660	69	39009	57.826	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	115.660%		
11) 1,1-Dichloroethene-d2	2.307	63	79553	39.078	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.160%		
21) 2-Butanone-d5	4.459	46	79420	88.791	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.790%		
24) Chloroform-d	5.062	84	90880	43.645	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.280%		
26) 1,2-Dichloroethane-d4	5.958	65	55512	43.982	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.960%		
32) Benzene-d6	5.977	84	181828	41.229	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.460%		
36) 1,2-Dichloropropane-d6	7.312	67	56081	41.646	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.300%		
41) Toluene-d8	8.653	98	169986	40.361	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.720%		
43) trans-1,3-Dichloroprop...	8.952	79	28673	39.224	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.440%		
47) 2-Hexanone-d5	9.385	63	61988	85.723	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.720%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	84292	43.460	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.920%		
66) 1,2-Dichlorobenzene-d4	12.323	152	71100	43.946	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50731	37.049	ug/L	98
3) Chloromethane	1.295	50	51205	34.542	ug/L	89
5) Vinyl chloride	1.374	62	61070	39.949	ug/L	98
6) Bromomethane	1.599	94	33115	56.451	ug/L	97
8) Chloroethane	1.685	64	38658	50.359	ug/L	97
9) Trichlorofluoromethane	1.886	101	94613	42.402	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	47884	41.413	ug/L	96
12) 1,1-Dichloroethene	2.319	96	44675	39.993	ug/L #	83
13) Acetone	2.386	43	47630	56.767	ug/L	99
14) Carbon disulfide	2.508	76	112861	32.791	ug/L	99
15) Methyl Acetate	2.703	43	53095	38.868	ug/L #	81
16) Methylene chloride	2.788	84	52154	42.205	ug/L	82
17) trans-1,2-Dichloroethene	3.093	96	51140	42.154	ug/L	88
18) Methyl tert-butyl Ether	3.117	73	165891	43.748	ug/L #	90
19) 1,1-Dichloroethane	3.611	63	87398	42.589	ug/L	95
20) cis-1,2-Dichloroethene	4.489	96	140169	104.425	ug/L	100
22) 2-Butanone	4.562	43	81835	73.271	ug/L	85
23) Bromochloromethane	4.898	128	30141	43.615	ug/L #	81
25) Chloroform	5.093	83	95434	45.372	ug/L	100

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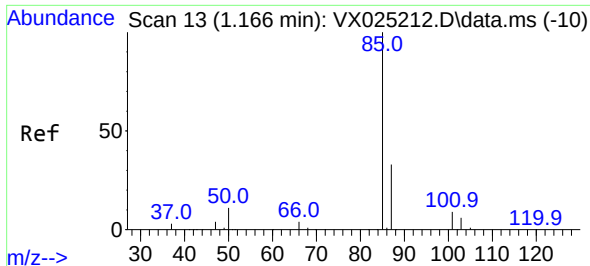
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	70072	45.437	ug/L #	89
29) Cyclohexane	5.471	56	79451	38.486	ug/L	87
30) 1,1,1-Trichloroethane	5.385	97	85196	42.906	ug/L #	93
31) Carbon tetrachloride	5.678	117	75359	42.981	ug/L	98
33) Benzene	6.044	78	205279	41.349	ug/L	100
34) Trichloroethene	7.129	95	102825	79.260	ug/L	84
35) Methylcyclohexane	7.385	83	88206	40.207	ug/L	94
37) 1,2-Dichloropropane	7.434	63	51806	41.657	ug/L	100
38) Bromodichloromethane	7.824	83	71835	42.683	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	82715	40.506	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	165556	83.762	ug/L #	85
42) Toluene	8.720	91	227458	42.182	ug/L	96
44) trans-1,3-Dichloropropene	8.982	75	79372	39.938	ug/L	94
45) 1,1,2-Trichloroethane	9.153	97	55383	44.102	ug/L	98
46) Tetrachloroethene	9.275	164	393710	363.744	ug/L	90
48) 2-Hexanone	9.433	43	125981	77.762	ug/L #	86
49) Dibromochloromethane	9.525	129	64863	45.246	ug/L	99
50) 1,2-Dibromoethane	9.610	107	59204	44.051	ug/L #	96
51) Chlorobenzene	10.080	112	169516	48.926	ug/L	96
52) Ethylbenzene	10.195	91	248555	42.882	ug/L	93
53) m,p-Xylene	10.305	106	99100	42.288	ug/L	77
54) o-Xylene	10.646	106	98458	42.577	ug/L	80
55) Styrene	10.659	104	168456	42.900	ug/L	80
57) 1,1,2,2-Tetrachloroethane	11.213	83	86186	43.227	ug/L	97
59) Bromoform	10.805	173	48297	43.787	ug/L #	96
60) Isopropylbenzene	10.964	105	255508	43.781	ug/L	94
61) 1,2,3-Trichloropropane	11.244	75	67754	44.087	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	214357	43.291	ug/L	87
63) 1,2,4-Trimethylbenzene	11.756	105	217711m	43.825	ug/L	
64) 1,3-Dichlorobenzene	11.969	146	118626	44.590	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	118164	44.457	ug/L	92
67) 1,2-Dichlorobenzene	12.335	146	119128	45.085	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.945	75	19043	42.843	ug/L #	62
69) 1,3,5-Trichlorobenzene	13.116	180	82974	43.111	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	73865	43.997	ug/L	98
71) Naphthalene	13.780	128	260589	45.773	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	75990	45.657	ug/L	96

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



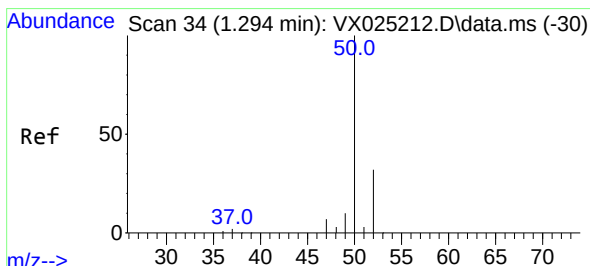
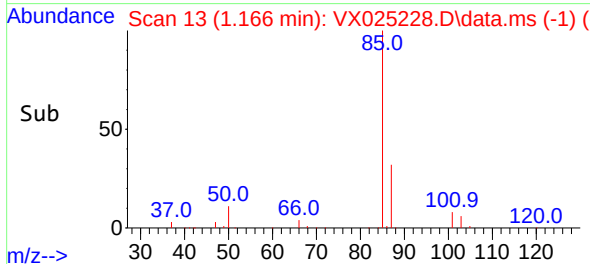
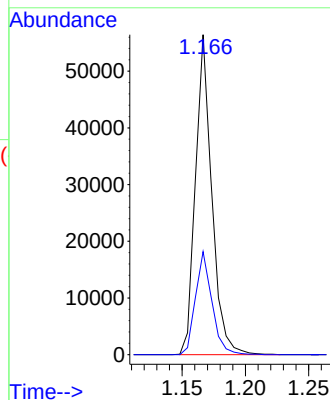
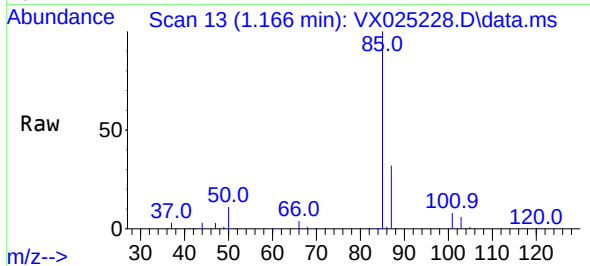
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Dichlorodifluoromethane
Concen: 37.049 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

Instrument :
MSVOA_X
ClientSampleId :
H0AB5MS

Tgt Ion: 85 Resp: 5073
Ion Ratio Lower Upper
85 100
87 32.6 25.3 37.9

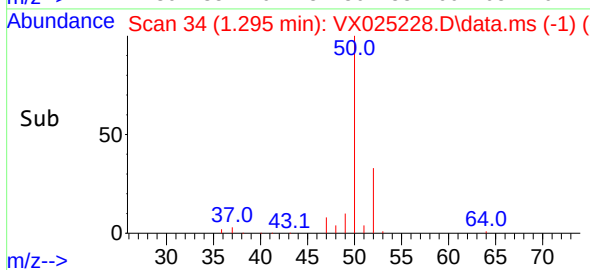
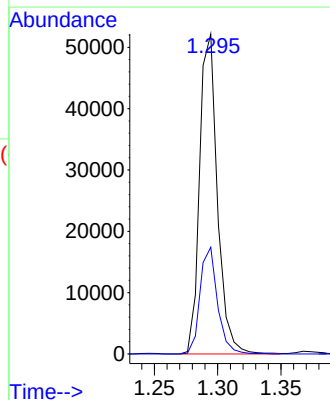
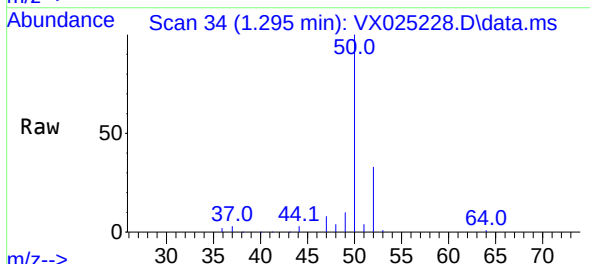
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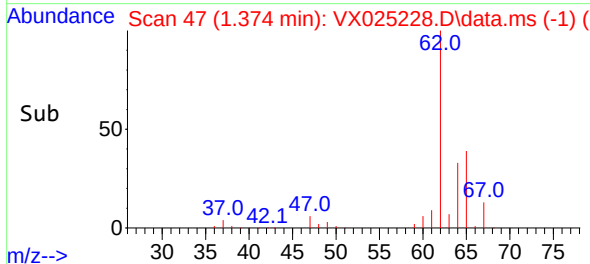
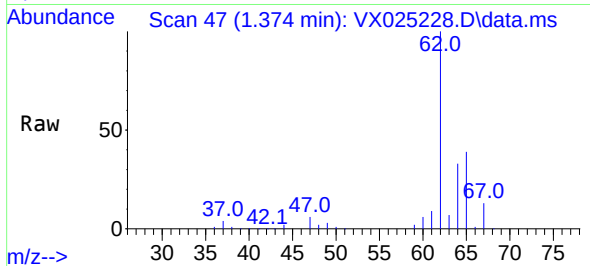
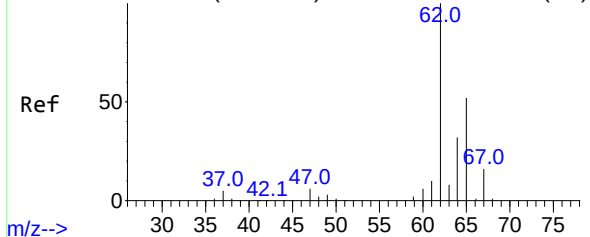


#3
Chloromethane
Concen: 34.542 ug/L
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

Tgt Ion: 50 Resp: 51205
Ion Ratio Lower Upper
50 100
52 33.3 28.0 52.0



Abundance Scan 47 (1.373 min): VX025212.D\data.ms (-43)



#5

Vinyl chloride

Concen: 39.949 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX025228.D

Acq: 18 Nov 2021 22:41

Tgt Ion: 62 Resp: 61070

Ion Ratio Lower Upper

62 100

64 32.7 23.6 43.8

Instrument :

MSVOA_X

ClientSampleId :

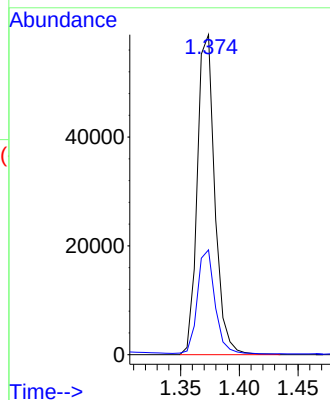
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Manual Integrations

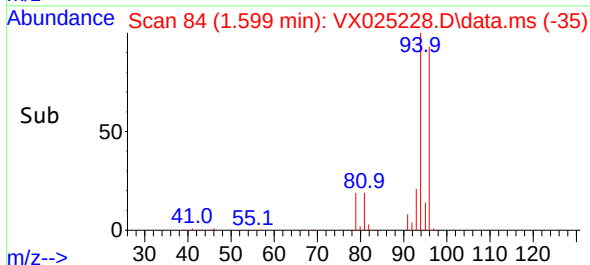
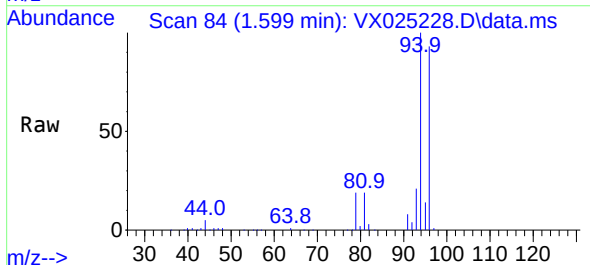
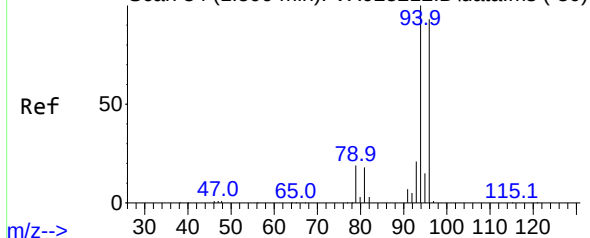
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Reviewed By :John Carlone 11/19/2021

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Abundance Scan 84 (1.599 min): VX025212.D\data.ms (-80)



#6

Bromomethane

Concen: 56.451 ug/L

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX025228.D

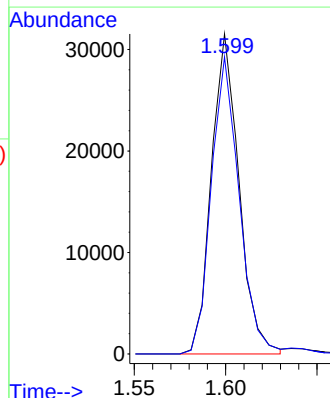
Acq: 18 Nov 2021 22:41

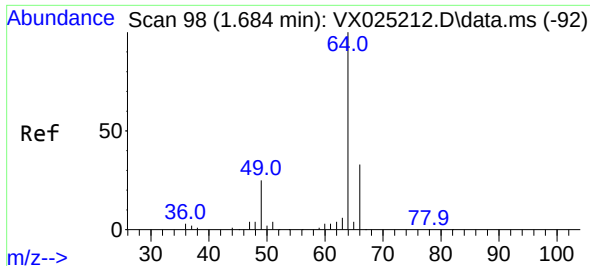
Tgt Ion: 94 Resp: 33115

Ion Ratio Lower Upper

94 100

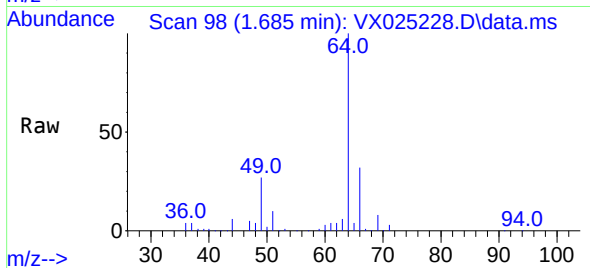
96 92.8 62.9 116.9





#8
Chloroethane
Concen: 50.359 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

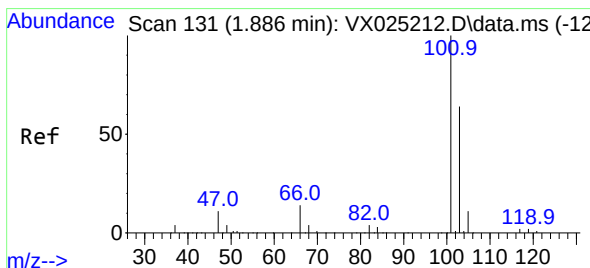
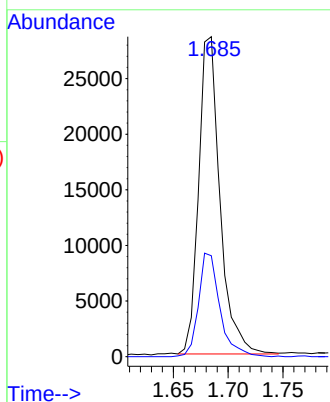
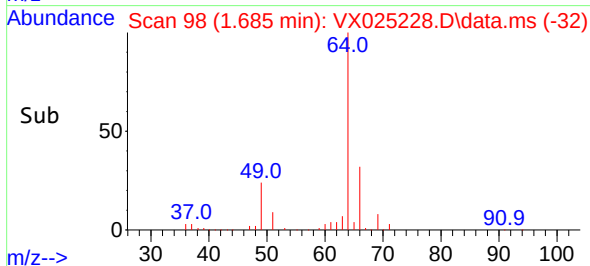
Instrument :
MSVOA_X
ClientSampleId :
H0AB5MS



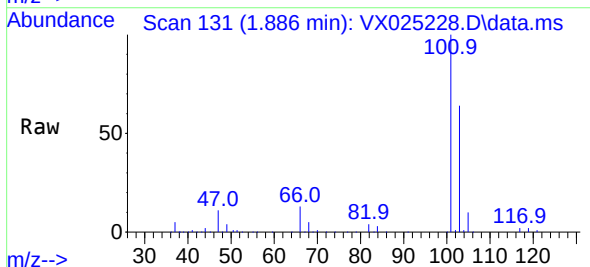
Tgt Ion: 64 Resp: 38658
Ion Ratio Lower Upper
64 100
66 31.5 23.3 43.3

Manual Integrations
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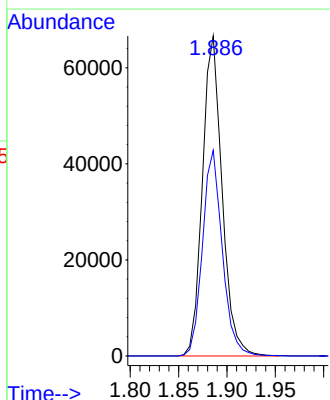
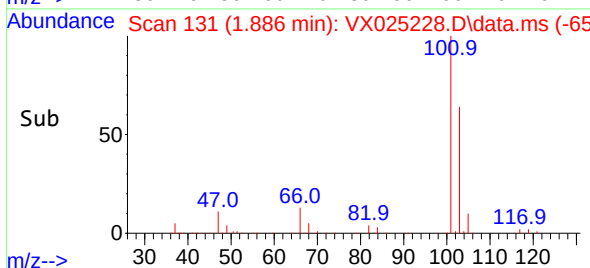
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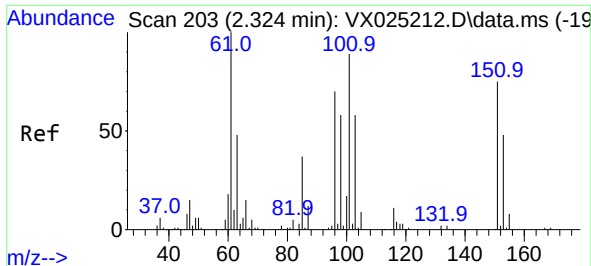


#9
Trichlorofluoromethane
Concen: 42.402 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41



Tgt Ion:101 Resp: 94613
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.0





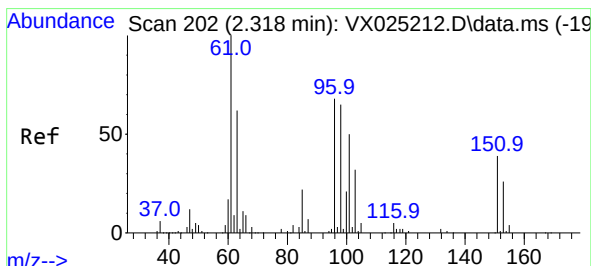
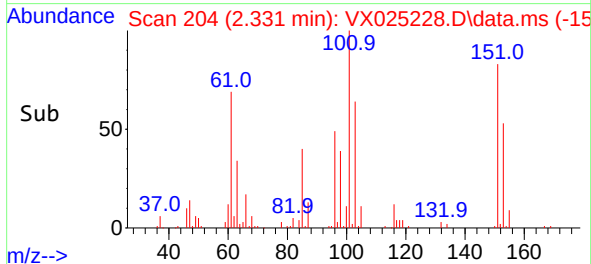
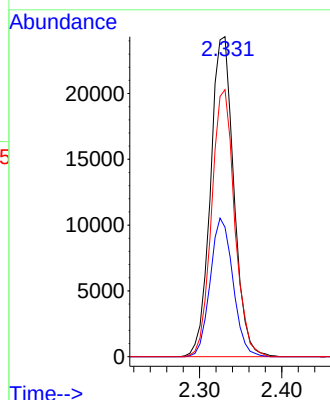
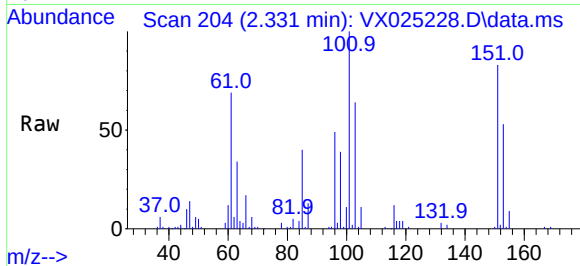
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 41.413 ug/L
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

Instrument :
MSVOA_X
ClientSampleId :
H0AB5MS

Tgt Ion:101 Resp: 47884
Ion Ratio Lower Upper
101 100
85 42.3 35.3 52.9
151 82.2 62.3 93.5

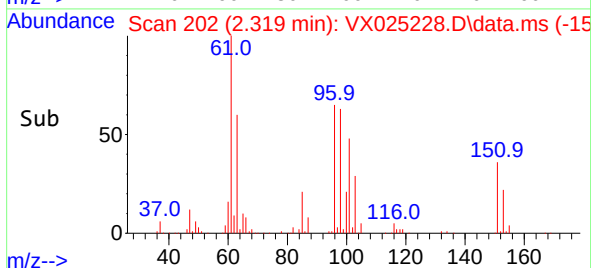
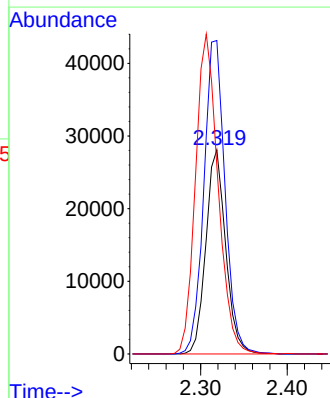
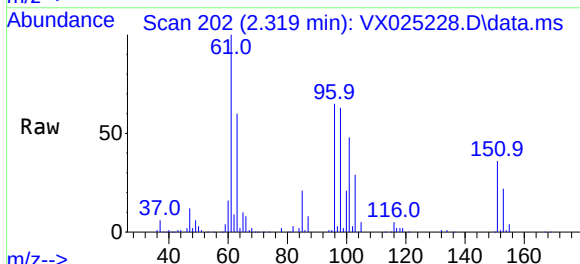
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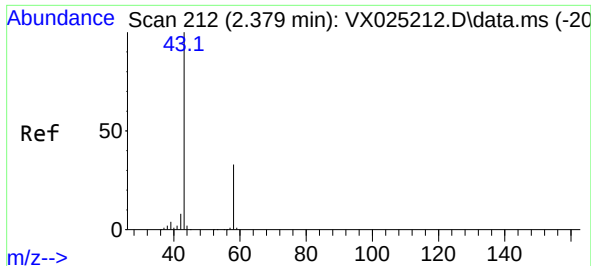
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021



#12
1,1-Dichloroethene
Concen: 39.993 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

Tgt Ion: 96 Resp: 44675
Ion Ratio Lower Upper
96 100
61 153.6 109.9 204.1
63 92.1 92.4 171.6#





#13

Acetone

Concen: 56.767 ug/L

RT: 2.386 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX025228.D

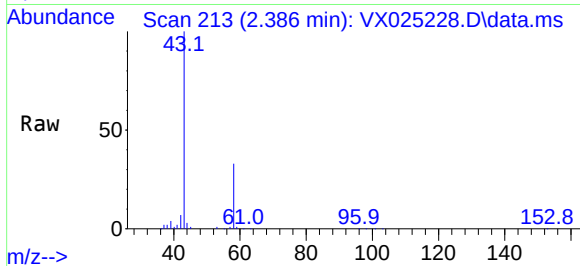
Acq: 18 Nov 2021 22:41

Instrument :

MSVOA_X

ClientSampleId :

H0AB5MS



Tgt Ion: 43 Resp: 47630

Ion Ratio Lower Upper

43 100

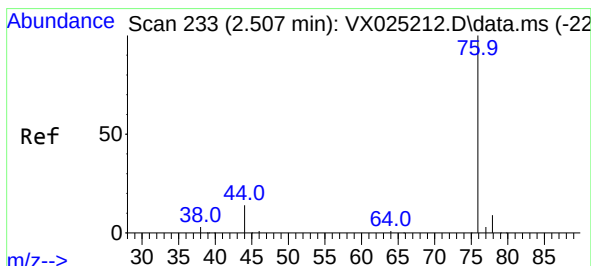
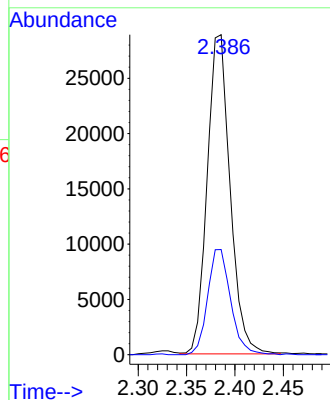
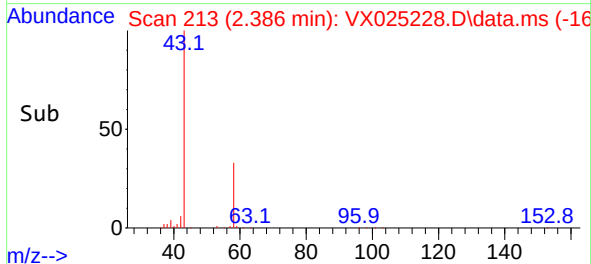
58 33.1 0.0 64.8

Manual Integrations

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Supervised By :Mahesh Dadoda 11/22/2021



#14

Carbon disulfide

Concen: 32.791 ug/L

RT: 2.508 min Scan# 233

Delta R.T. 0.000 min

Lab File: VX025228.D

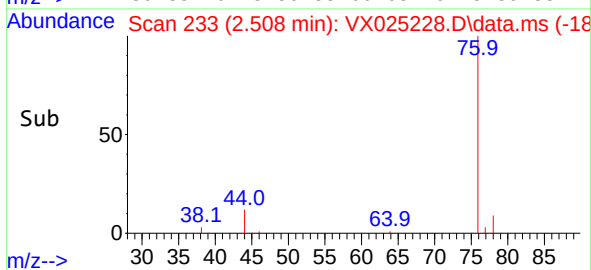
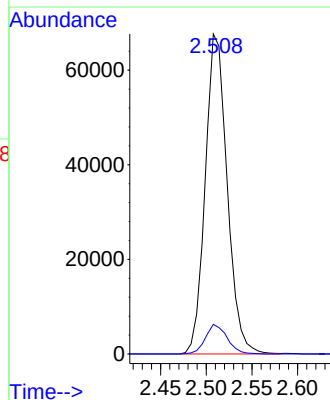
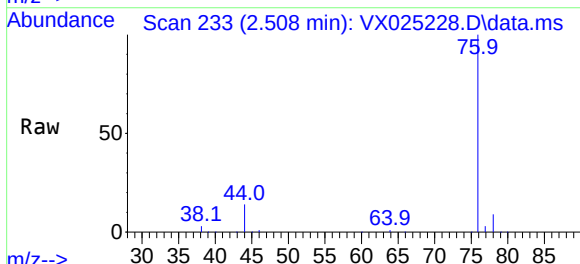
Acq: 18 Nov 2021 22:41

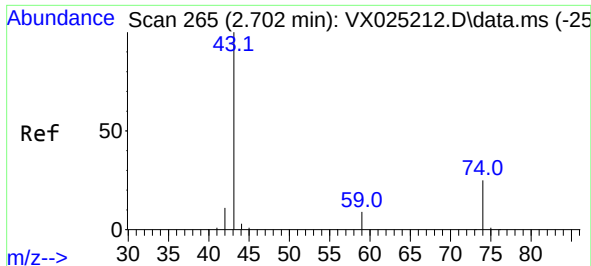
Tgt Ion: 76 Resp: 112861

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8





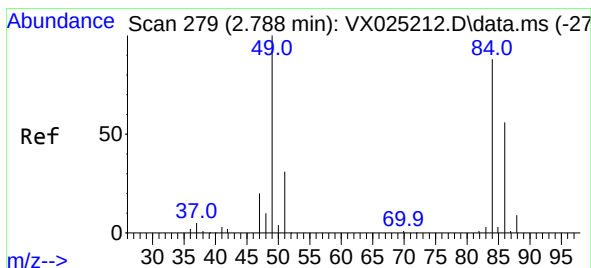
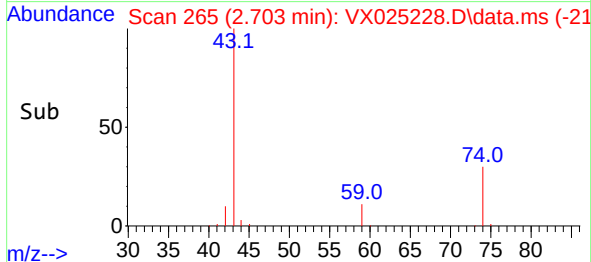
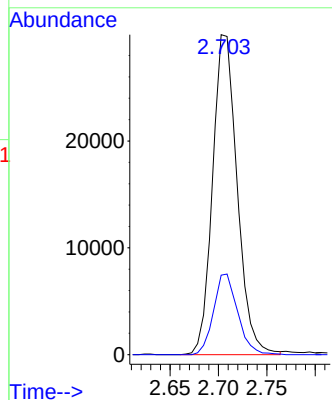
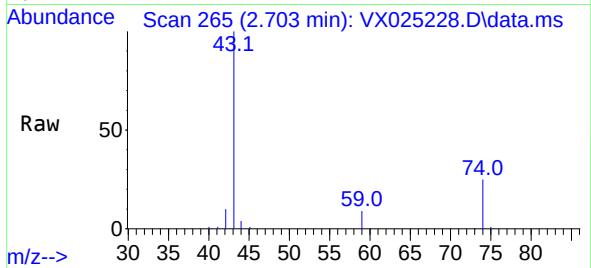
#15
Methyl Acetate
Concen: 38.868 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

Instrument :
MSVOA_X
ClientSampleId :
H0AB5MS

Tgt Ion: 43 Resp: 5309
Ion Ratio Lower Upper
43 100
74 24.7 28.6 42.8

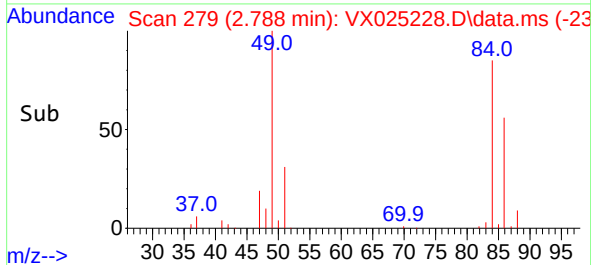
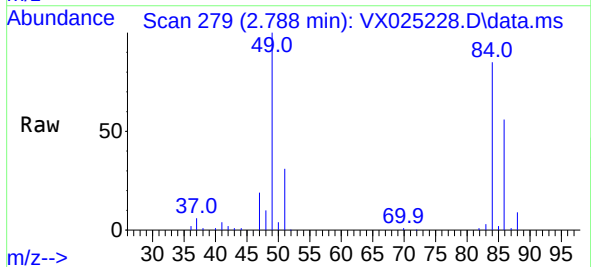
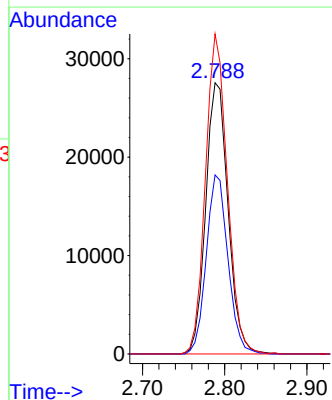
Manual Integrations
APPROVED

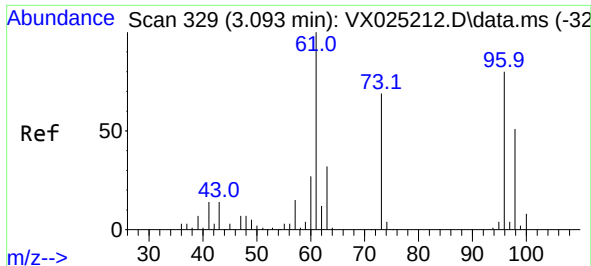
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021



#16
Methylene chloride
Concen: 42.205 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

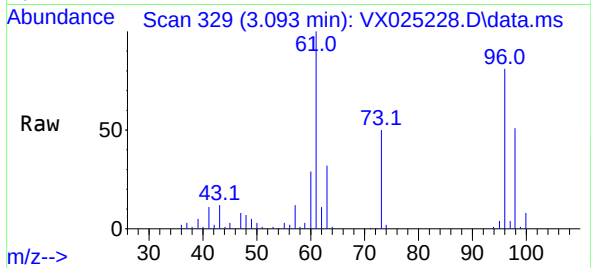
Tgt Ion: 84 Resp: 52154
Ion Ratio Lower Upper
84 100
86 66.0 44.4 82.5
49 118.0 64.0 118.8





#17
trans-1,2-Dichloroethene
Concen: 42.154 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

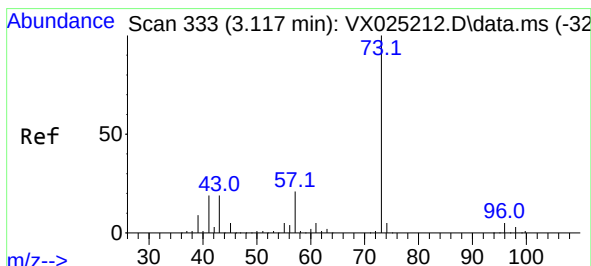
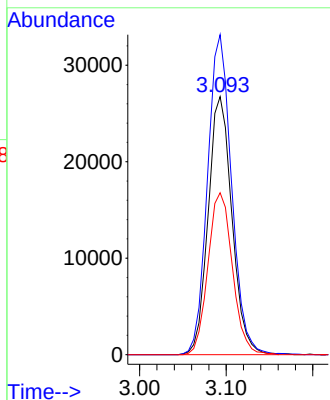
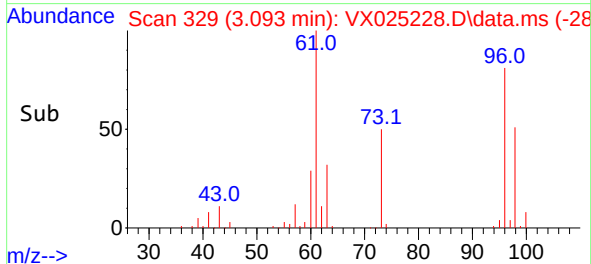
Instrument :
MSVOA_X
ClientSampleId :
H0AB5MS



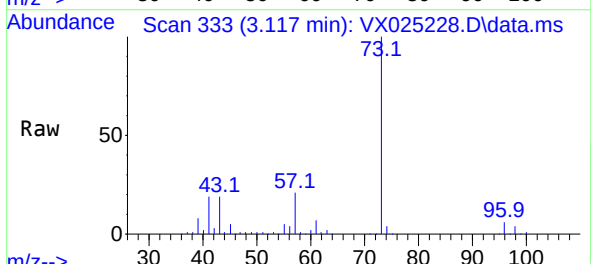
Tgt Ion: 96 Resp: 51140
Ion Ratio Lower Upper
96 100
61 124.0 99.4 184.6
98 62.7 47.0 87.2

Manual Integrations
APPROVED

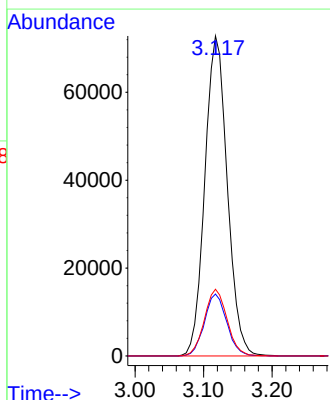
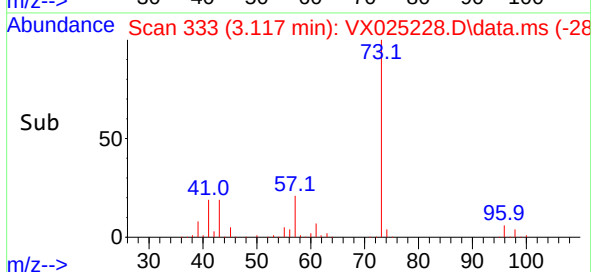
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021

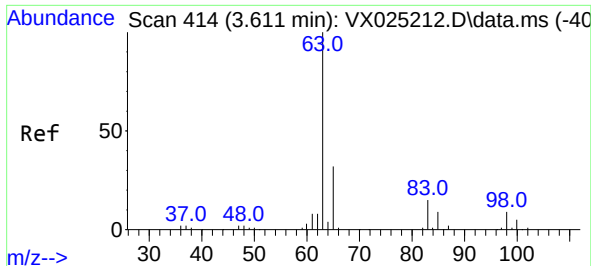


#18
Methyl tert-butyl Ether
Concen: 43.748 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41



Tgt Ion: 73 Resp: 165891
Ion Ratio Lower Upper
73 100
43 19.3 12.4 18.6#
57 21.1 13.2 19.8#





#19

1,1-Dichloroethane

Concen: 42.589 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX025228.D

Acq: 18 Nov 2021 22:41

Instrument :

MSVOA_X

ClientSampleId :

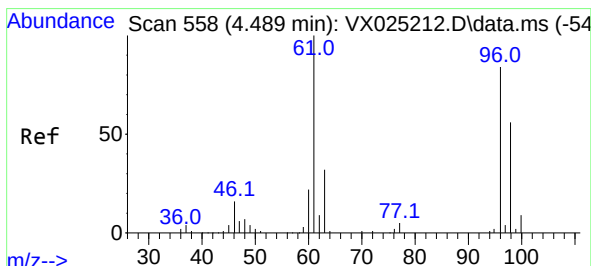
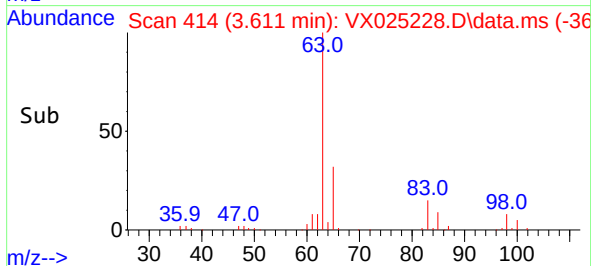
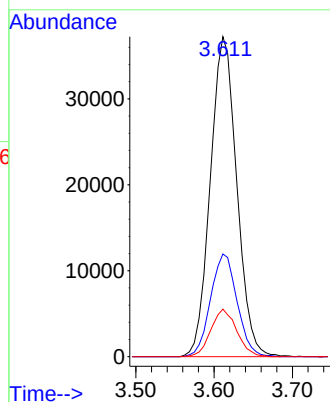
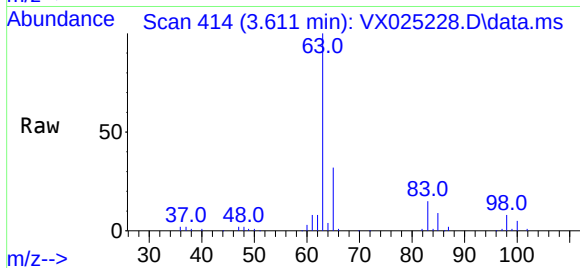
H0AB5MS

Tgt Ion: 63 Resp: 87398
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.5 45.5
 83 14.9 11.7 21.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021
 Supervised By :Mahesh Dadoda 11/22/2021



#20

cis-1,2-Dichloroethene

Concen: 104.425 ug/L

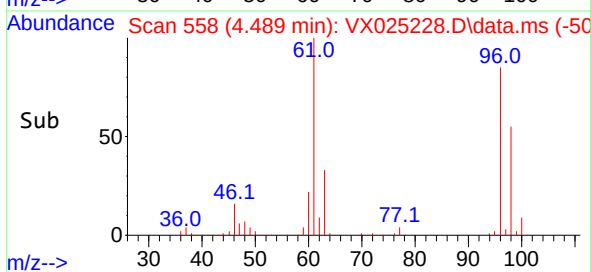
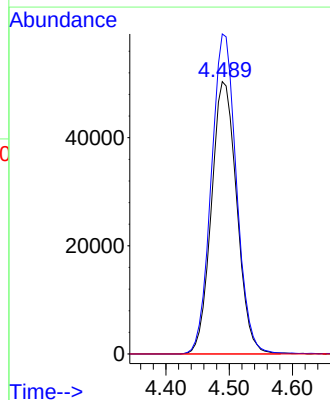
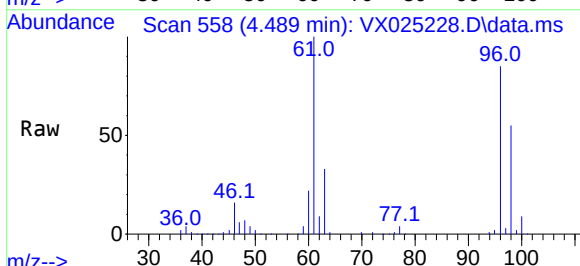
RT: 4.489 min Scan# 558

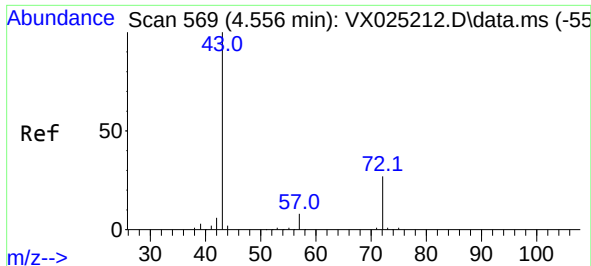
Delta R.T. 0.000 min

Lab File: VX025228.D

Acq: 18 Nov 2021 22:41

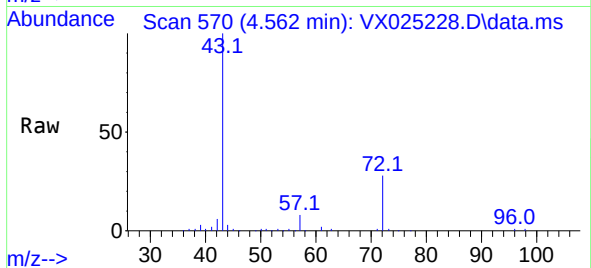
Tgt Ion: 96 Resp: 140169
 Ion Ratio Lower Upper
 96 100
 61 117.5 82.6 153.4
 68 0.0 0.0 0.0





#22
2-Butanone
Concen: 73.271 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

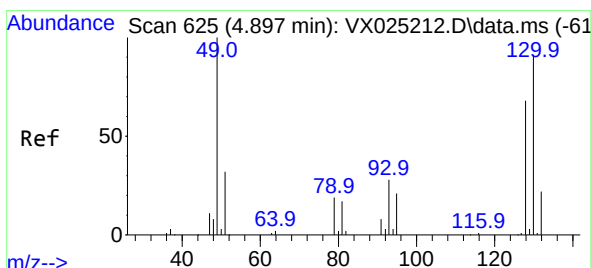
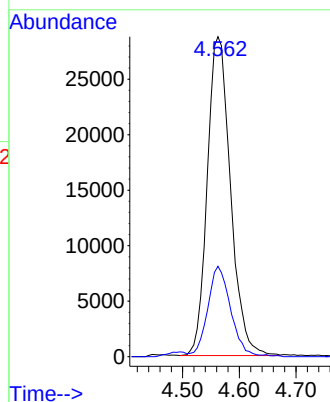
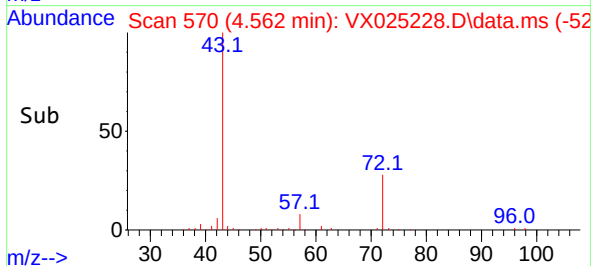
Instrument :
MSVOA_X
ClientSampleId :
H0AB5MS



Tgt Ion: 43 Resp: 8183
Ion Ratio Lower Upper
43 100
72 27.9 18.4 55.0

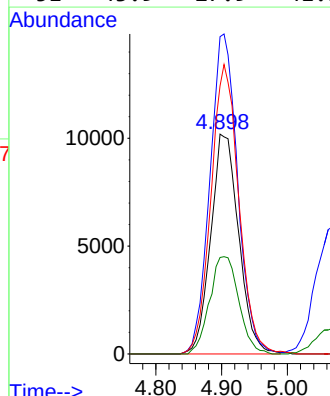
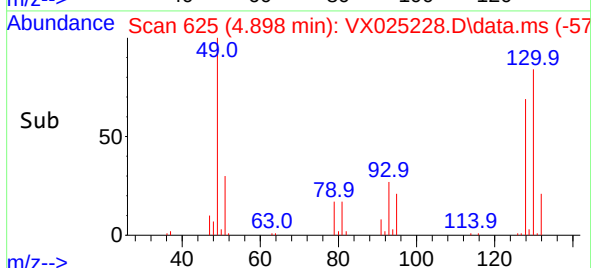
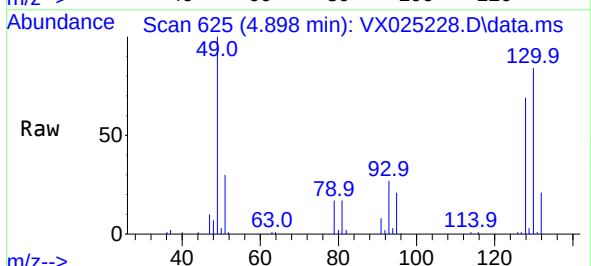
Manual Integrations
APPROVED

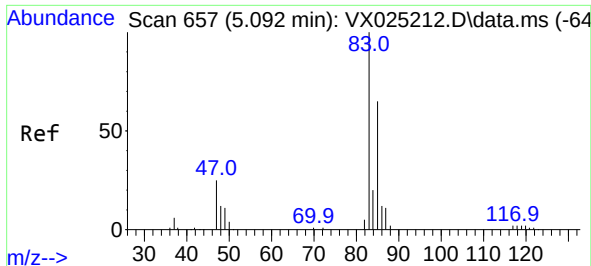
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021



#23
Bromochloromethane
Concen: 43.615 ug/L
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

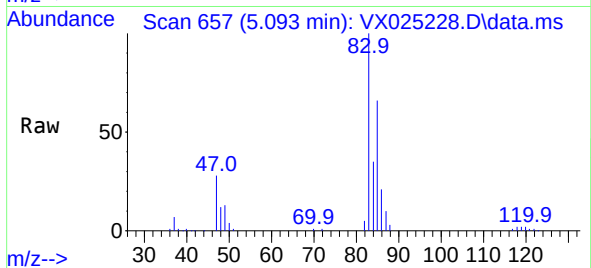
Tgt Ion:128 Resp: 30141
Ion Ratio Lower Upper
128 100
49 144.3 71.5 132.7#
130 121.9 84.3 156.5
51 43.9 27.9 41.9#





#25
Chloroform
Concen: 45.372 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

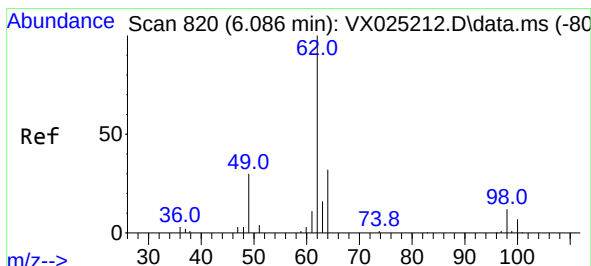
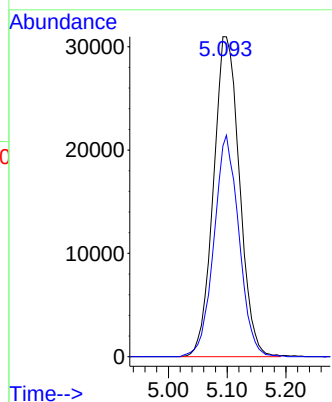
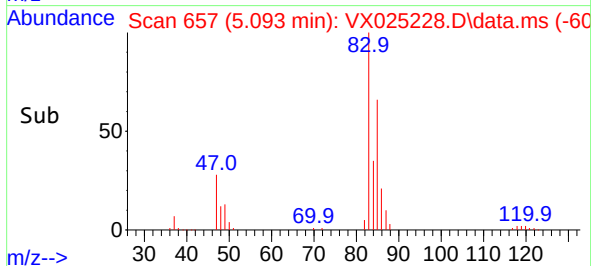
Instrument :
MSVOA_X
ClientSampleId :
H0AB5MS



Tgt Ion: 83 Resp: 95434
Ion Ratio Lower Upper
83 100
85 65.8 46.3 86.1

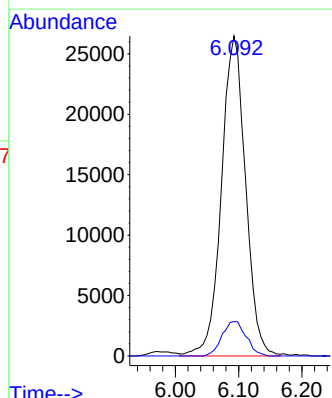
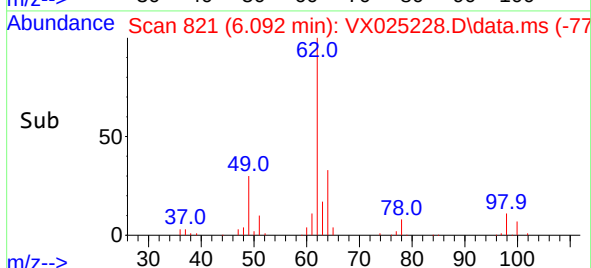
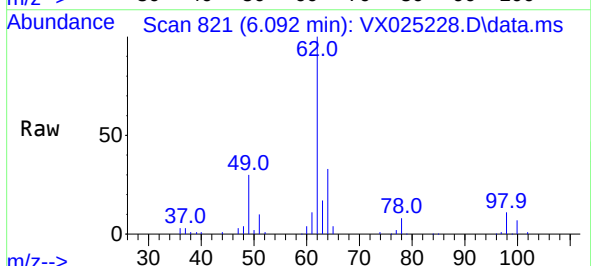
Manual Integrations
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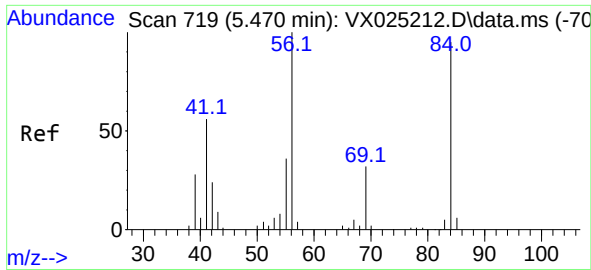
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021



#27
1,2-Dichloroethane
Concen: 45.437 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

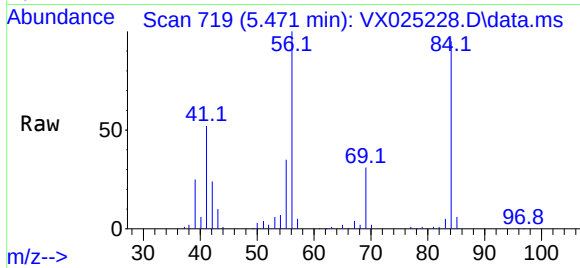
Tgt Ion: 62 Resp: 70072
Ion Ratio Lower Upper
62 100
98 10.8 5.5 8.3#





#29
Cyclohexane
Concen: 38.486 ug/L
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

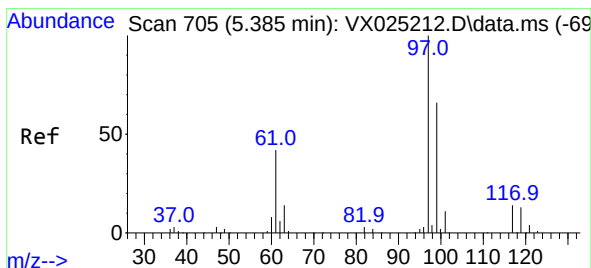
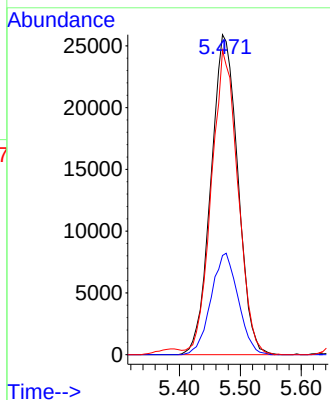
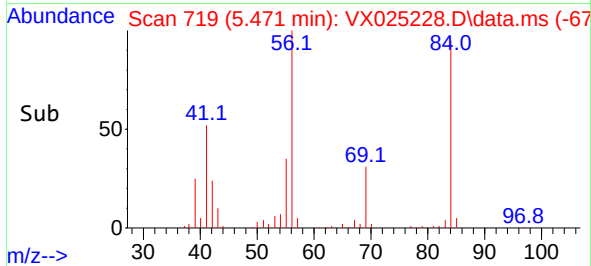
Instrument :
MSVOA_X
ClientSampleId :
H0AB5MS



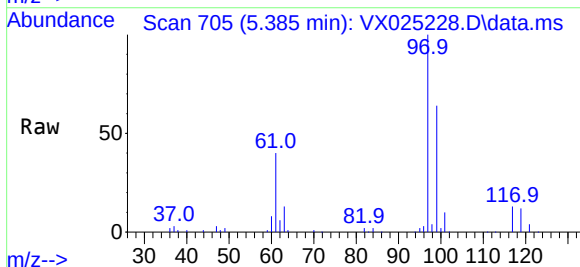
Tgt Ion: 56 Resp: 7945
Ion Ratio Lower Upper
56 100
69 32.0 30.8 46.2
84 93.8 86.8 130.2

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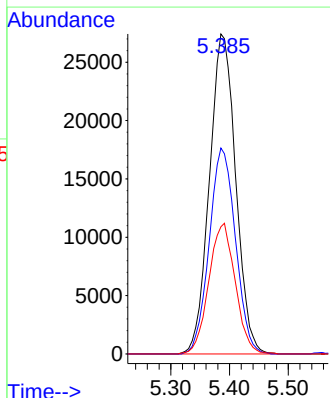
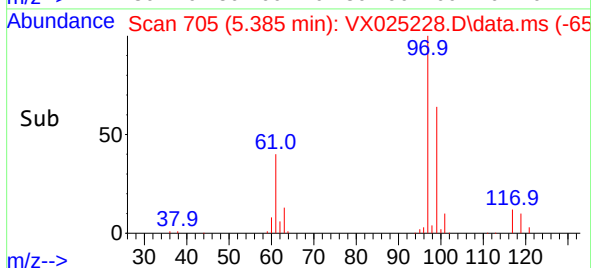
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021

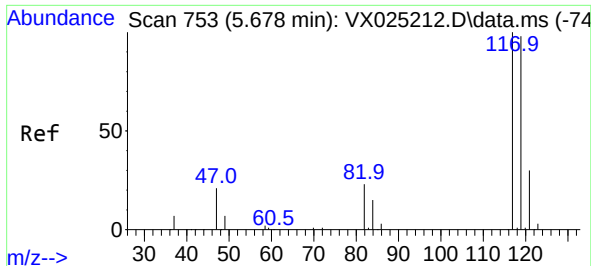


#30
1,1,1-Trichloroethane
Concen: 42.906 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41



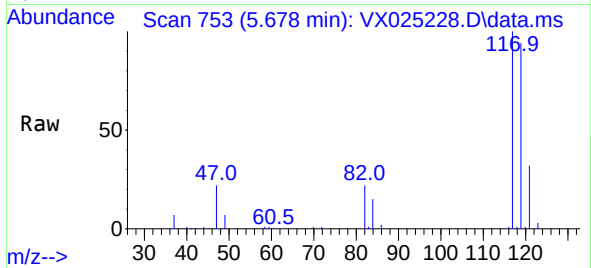
Tgt Ion: 97 Resp: 85196
Ion Ratio Lower Upper
97 100
99 64.3 53.1 79.7
61 41.0 26.3 39.5





#31
Carbon tetrachloride
Concen: 42.981 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

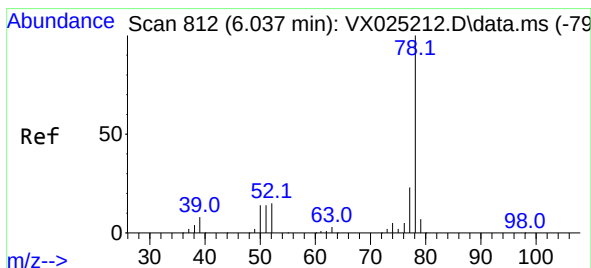
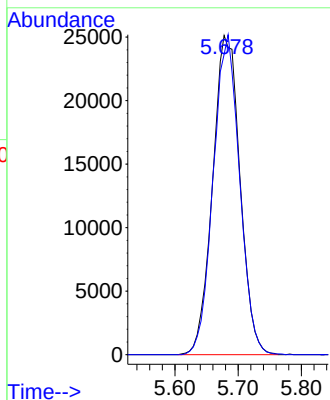
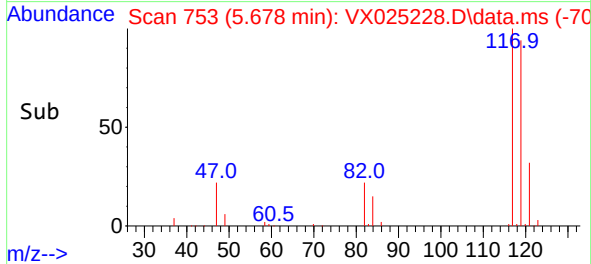
Instrument :
MSVOA_X
ClientSampleId :
H0AB5MS



Tgt Ion: 117 Resp: 75359
Ion Ratio Lower Upper
117 100
119 96.5 76.0 114.0

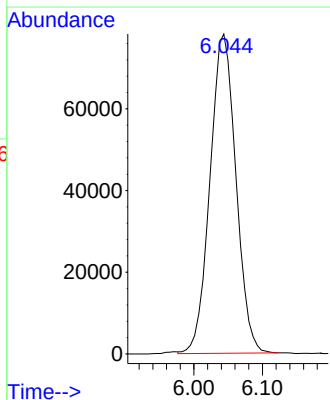
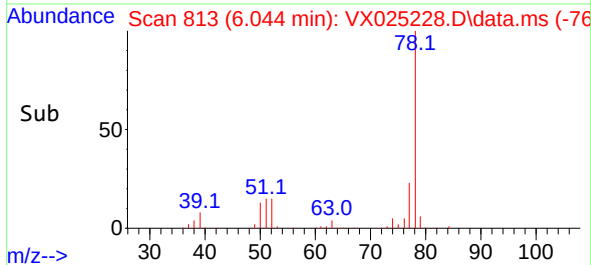
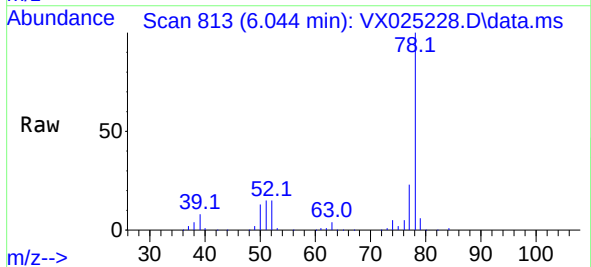
Manual Integrations
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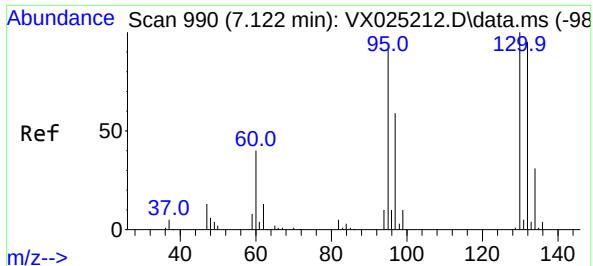
Reviewed By : John Carlone 11/19/2021
Supervised By : Mahesh Dadoda 11/22/2021



#33
Benzene
Concen: 41.349 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

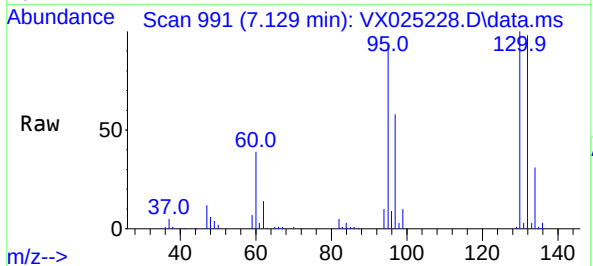
Tgt Ion: 78 Resp: 205279





#34
Trichloroethene
Concen: 79.260 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

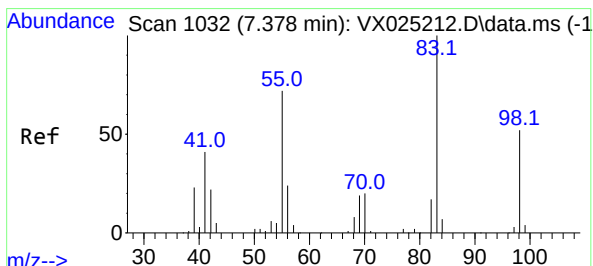
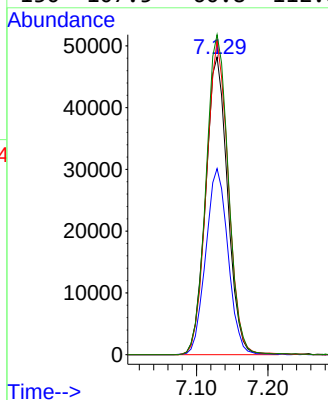
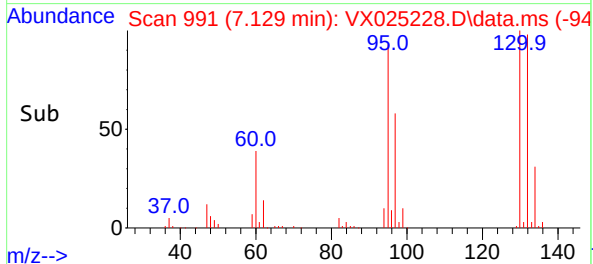
Instrument :
MSVOA_X
ClientSampleId :
H0AB5MS



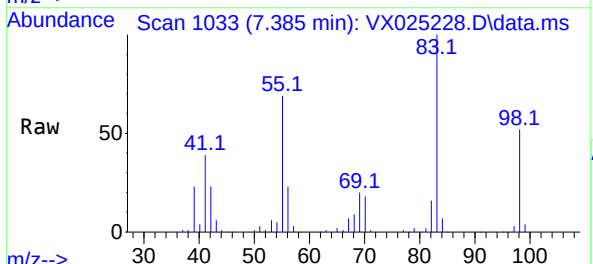
Tgt Ion: 95 Resp: 102825
Ion Ratio Lower Upper
95 100
97 62.5 44.2 82.2
132 105.5 60.1 111.5
130 107.5 60.8 112.8

Manual Integrations
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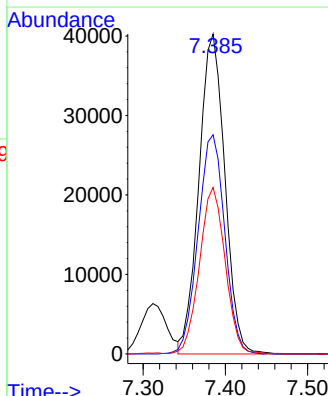
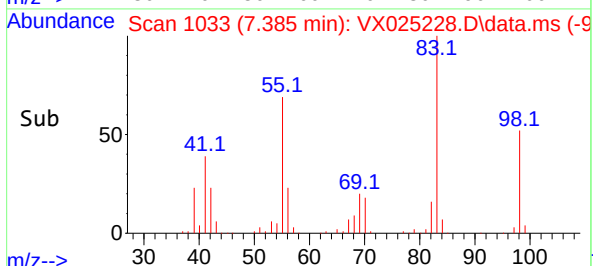
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021

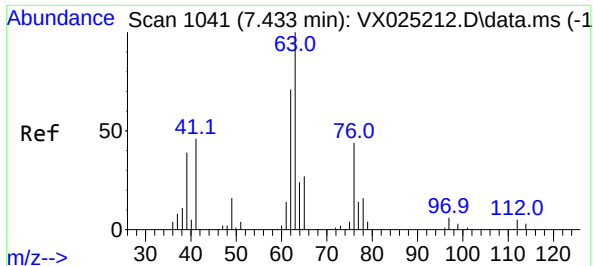


#35
Methylcyclohexane
Concen: 40.207 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41



Tgt Ion: 83 Resp: 88206
Ion Ratio Lower Upper
83 100
55 70.4 52.6 79.0
98 51.7 37.9 56.9





#37

1,2-Dichloropropane

Concen: 41.657 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX025228.D

Acq: 18 Nov 2021 22:41

Instrument :

MSVOA_X

ClientSampleId :

H0AB5MS

Tgt Ion: 63 Resp: 51800

Ion Ratio Lower Upper

63 100

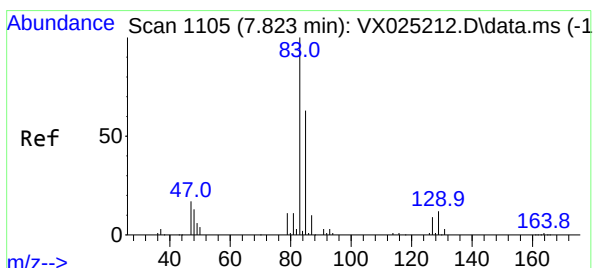
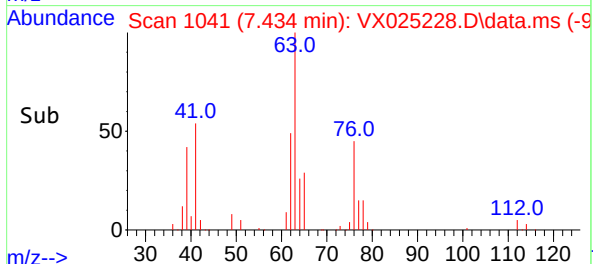
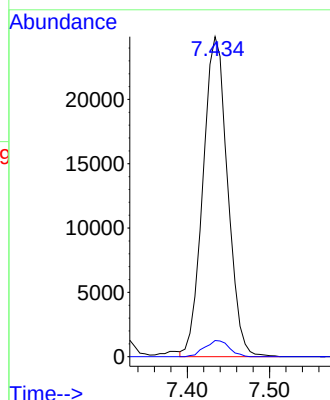
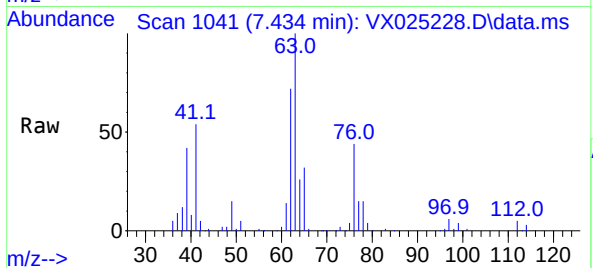
112 5.0 4.0 6.0

Manual Integrations

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Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/22/2021



#38

Bromodichloromethane

Concen: 42.683 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX025228.D

Acq: 18 Nov 2021 22:41

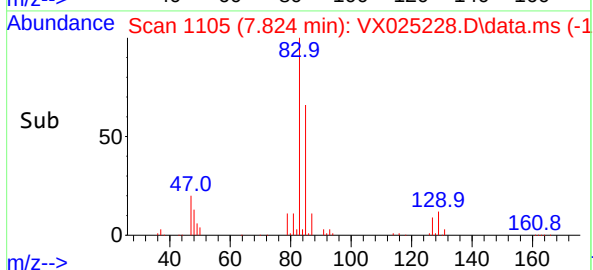
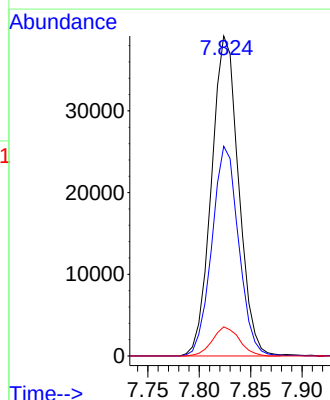
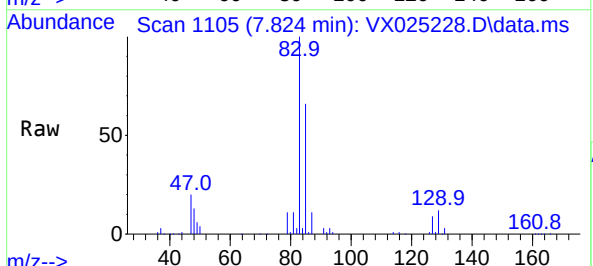
Tgt Ion: 83 Resp: 71835

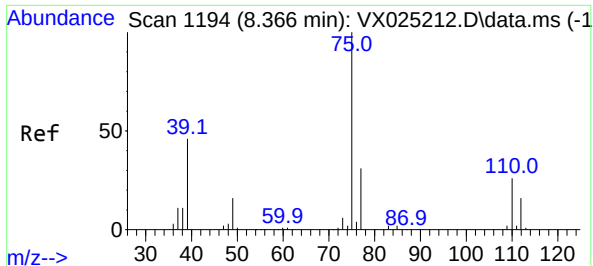
Ion Ratio Lower Upper

83 100

85 65.5 46.8 87.0

127 9.1 8.2 12.2





#39

cis-1,3-Dichloropropene

Concen: 40.506 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX025228.D

Acq: 18 Nov 2021 22:41

Instrument :

MSVOA_X

ClientSampleId :

H0AB5MS

Tgt Ion: 75 Resp: 82715

Ion Ratio Lower Upper

75 100

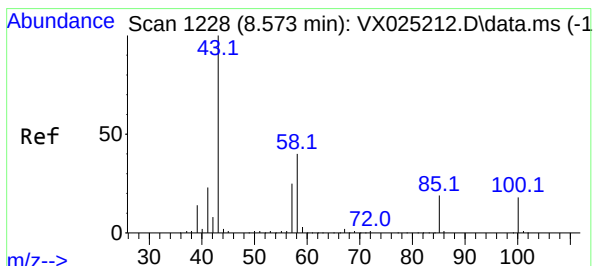
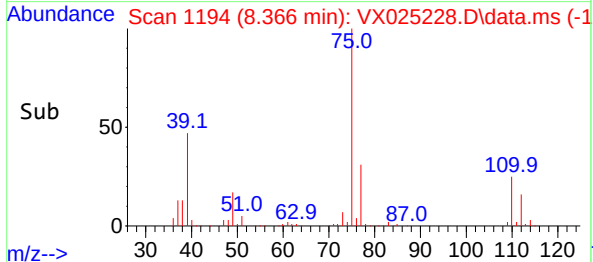
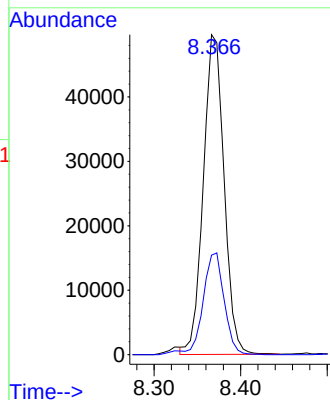
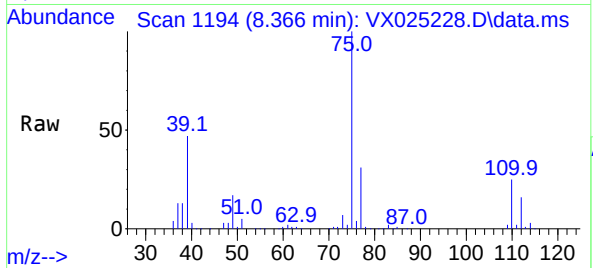
77 31.1 23.1 42.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/22/2021



#40

4-Methyl-2-pentanone

Concen: 83.762 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX025228.D

Acq: 18 Nov 2021 22:41

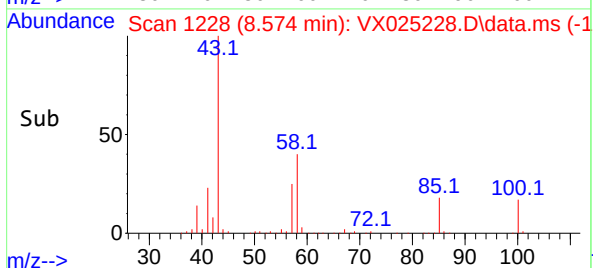
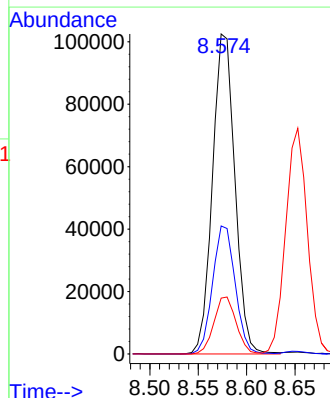
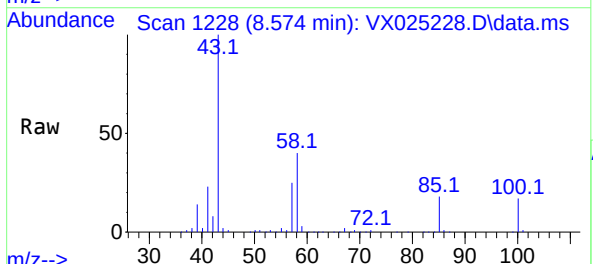
Tgt Ion: 43 Resp: 165556

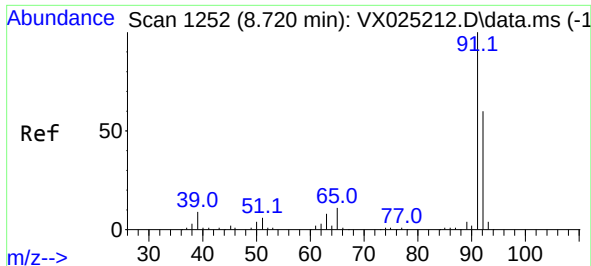
Ion Ratio Lower Upper

43 100

58 40.3 41.3 61.9#

100 17.7 19.6 29.4#





#42

Toluene

Concen: 42.182 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX025228.D

Acq: 18 Nov 2021 22:41

Instrument :

MSVOA_X

ClientSampleId :

H0AB5MS

Tgt Ion: 91 Resp: 227458

Ion Ratio Lower Upper

91 100

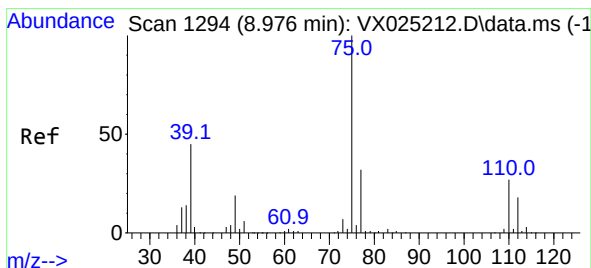
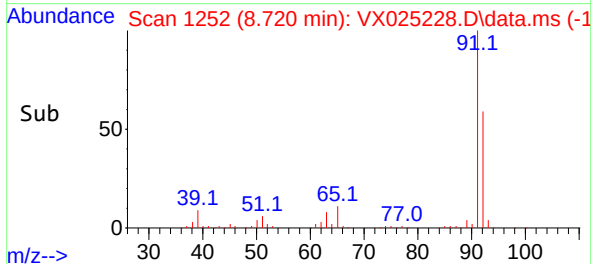
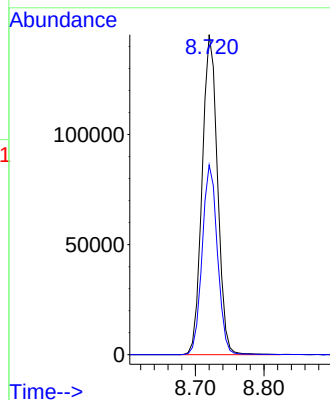
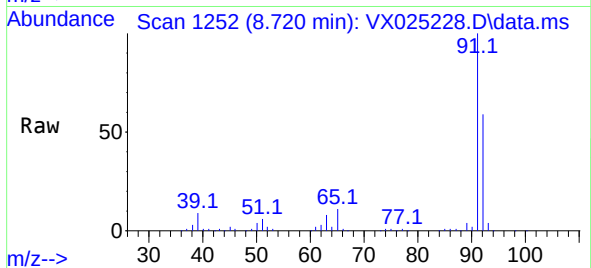
92 59.3 39.3 72.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/19/2021

Supervised By :Mahesh Dadoda 11/22/2021



#44

trans-1,3-Dichloropropene

Concen: 39.938 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX025228.D

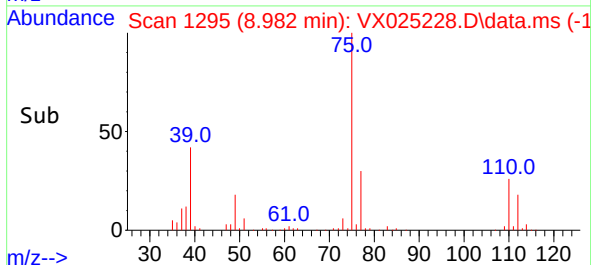
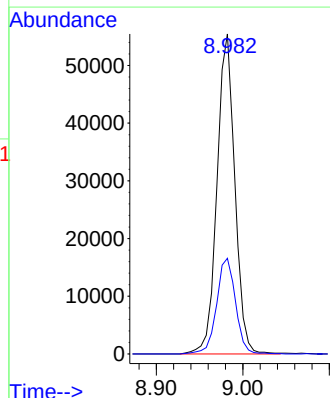
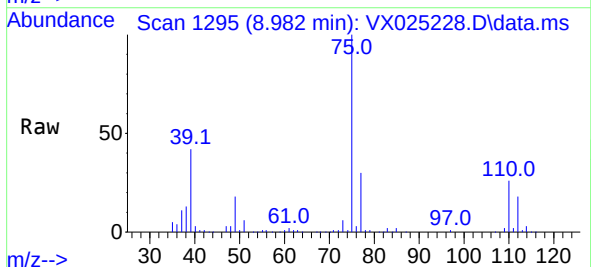
Acq: 18 Nov 2021 22:41

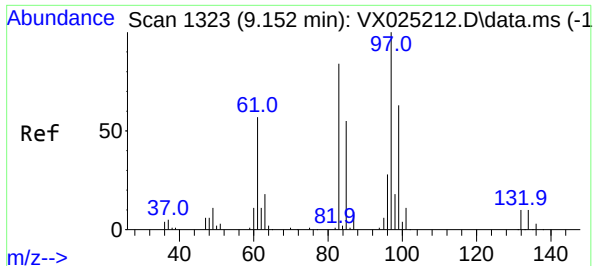
Tgt Ion: 75 Resp: 79372

Ion Ratio Lower Upper

75 100

77 29.9 23.4 43.6





#45
1,1,2-Trichloroethane
Concen: 44.102 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

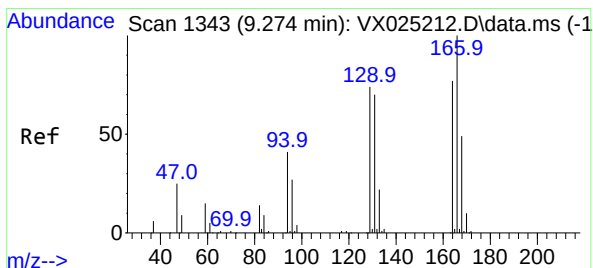
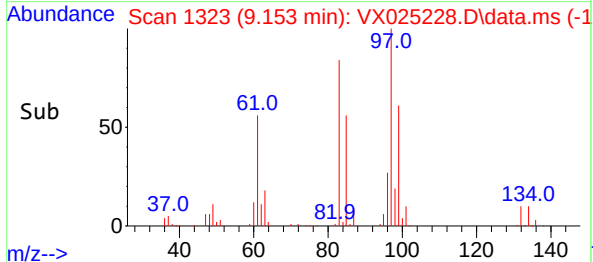
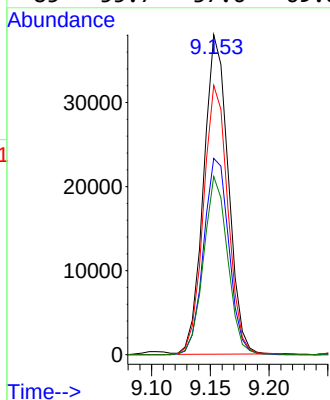
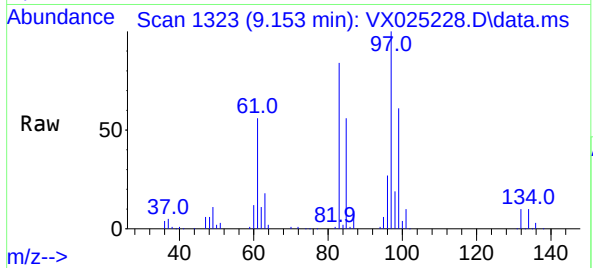
Instrument :
MSVOA_X
ClientSampleId :
H0AB5MS

Tgt Ion: 97 Resp: 5538

Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.5	80.7
83	84.2	58.2	108.0
85	55.7	37.6	69.8

Manual Integrations
APPROVED

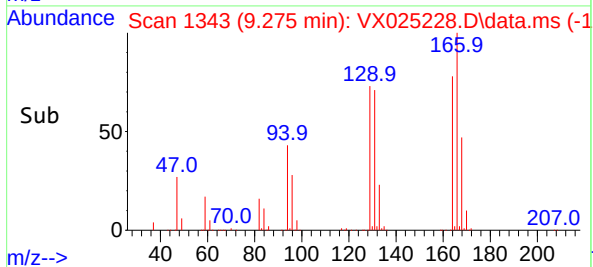
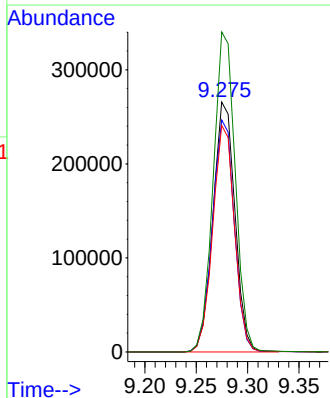
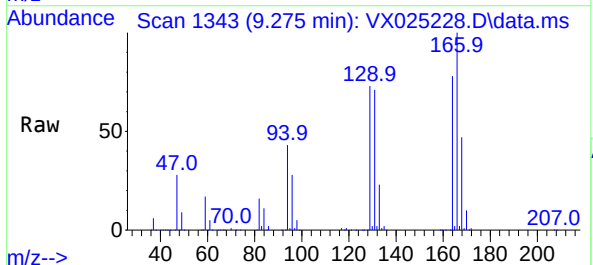
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021

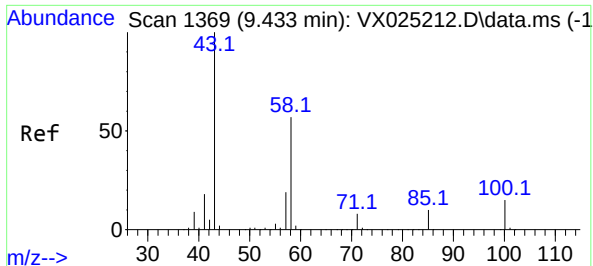


#46
Tetrachloroethene
Concen: 363.744 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

Tgt Ion:164 Resp: 393710

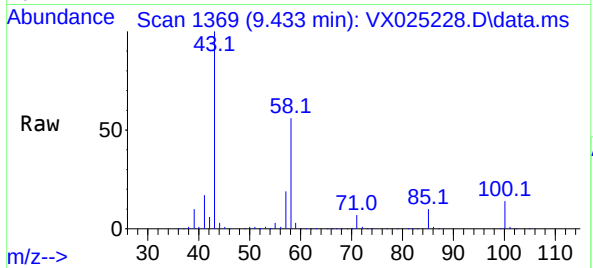
Ion	Ratio	Lower	Upper
164	100		
129	92.8	78.5	145.7
131	90.6	70.5	130.9
166	128.0	88.3	164.1





#48
2-Hexanone
Concen: 77.762 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

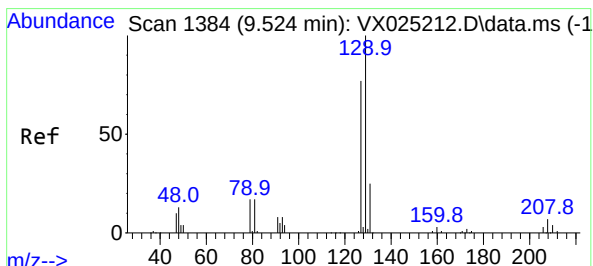
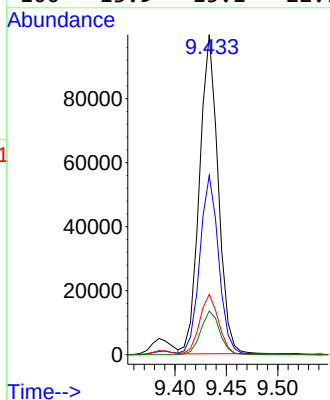
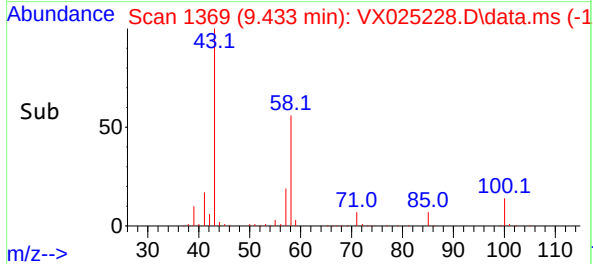
Instrument :
MSVOA_X
ClientSampleId :
H0AB5MS



Tgt Ion: 43 Resp: 12598
Ion Ratio Lower Upper
43 100
58 57.1 56.0 84.0
57 19.4 20.4 30.6
100 13.9 15.1 22.7#

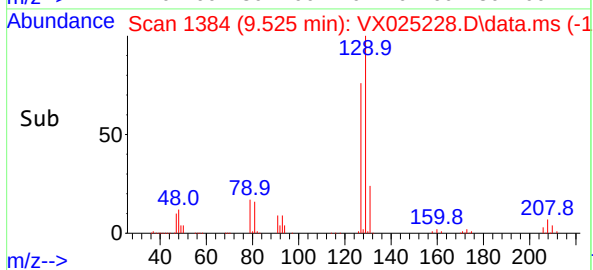
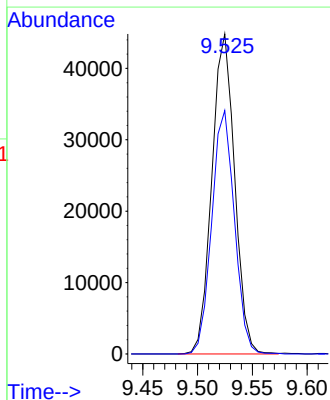
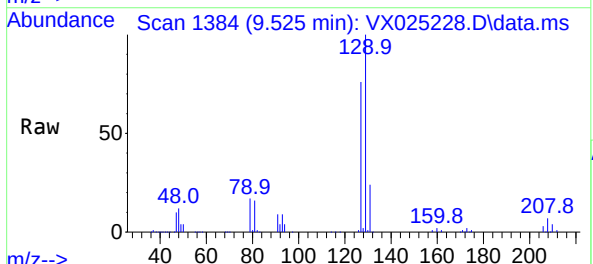
Manual Integrations
APPROVED

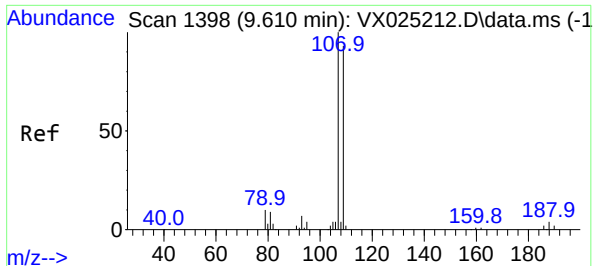
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021



#49
Dibromochloromethane
Concen: 45.246 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

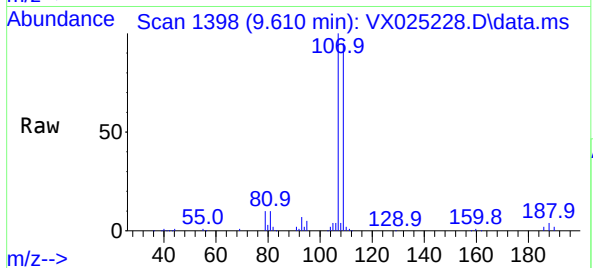
Tgt Ion:129 Resp: 64863
Ion Ratio Lower Upper
129 100
127 76.0 54.1 100.5





#50
1,2-Dibromoethane
Concen: 44.051 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

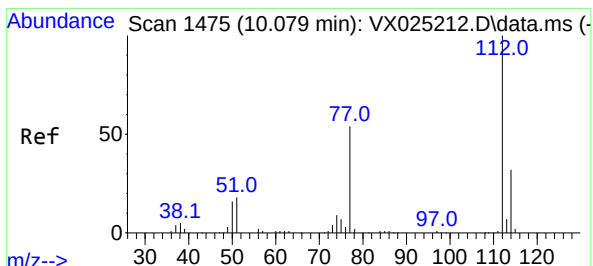
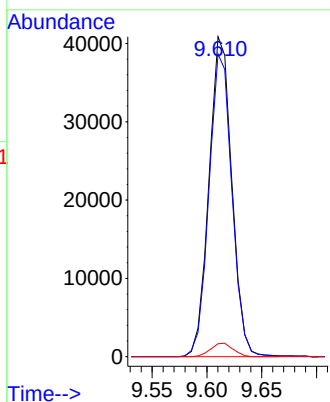
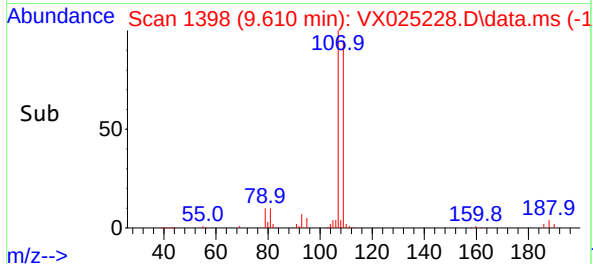
Instrument :
MSVOA_X
ClientSampleId :
H0AB5MS



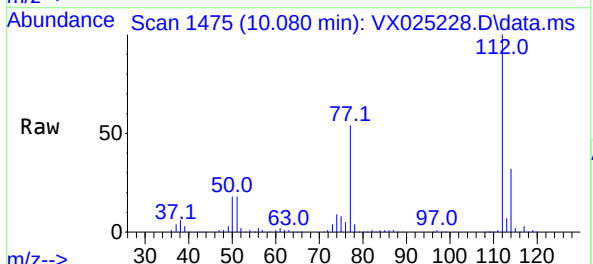
Tgt Ion:107 Resp: 59204
Ion Ratio Lower Upper
107 100
109 94.6 63.8 118.6
188 4.0 2.2 3.2

Manual Integrations
APPROVED

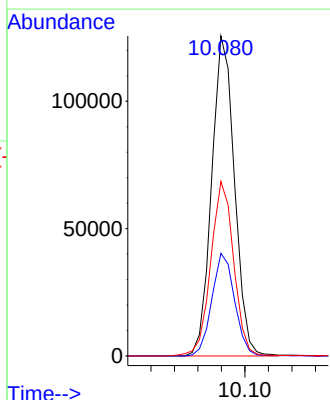
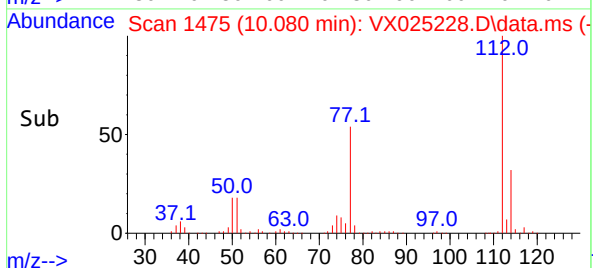
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021

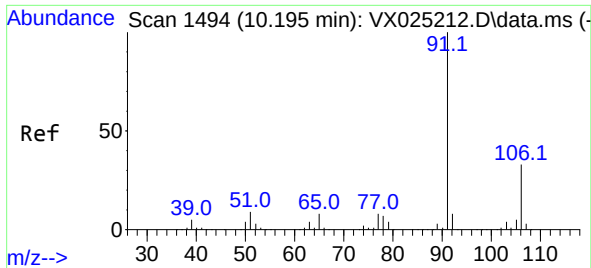


#51
Chlorobenzene
Concen: 48.926 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41



Tgt Ion:112 Resp: 169516
Ion Ratio Lower Upper
112 100
114 32.0 22.7 42.3
77 54.5 46.8 70.2





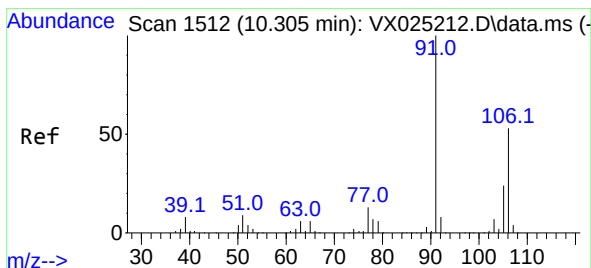
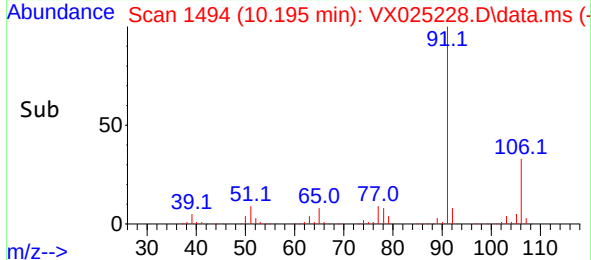
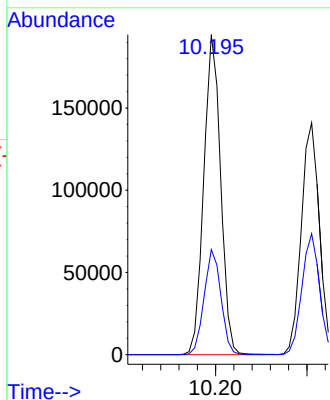
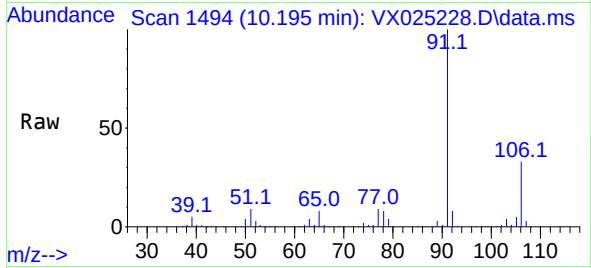
#52
Ethylbenzene
Concen: 42.882 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

Instrument :
MSVOA_X
ClientSampleId :
H0AB5MS

Tgt Ion: 91 Resp: 24855
Ion Ratio Lower Upper
91 100
106 32.8 20.2 37.6

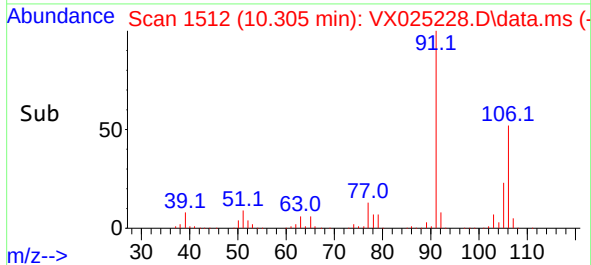
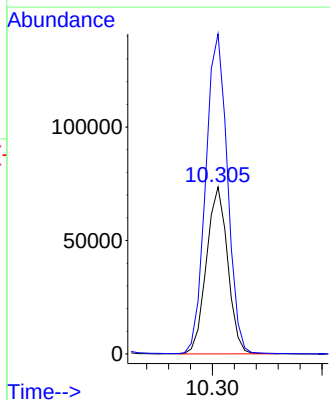
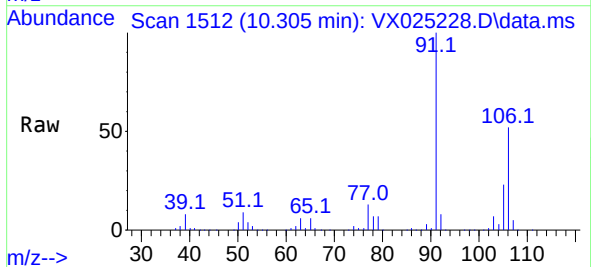
Manual Integrations
APPROVED

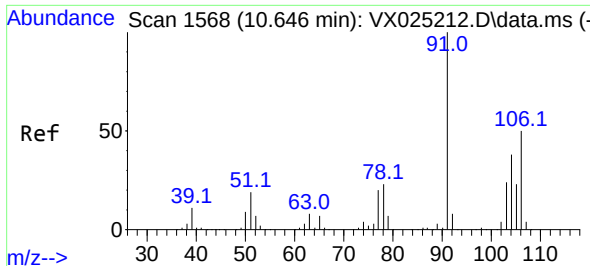
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021



#53
m,p-Xylene
Concen: 42.288 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

Tgt Ion:106 Resp: 99100
Ion Ratio Lower Upper
106 100
91 191.6 160.2 297.6





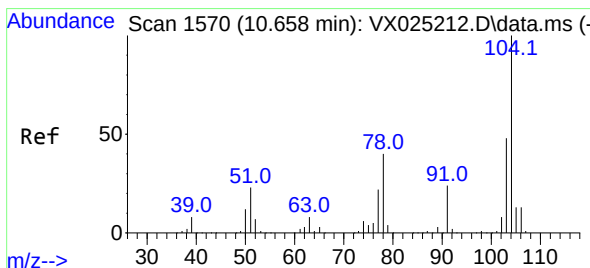
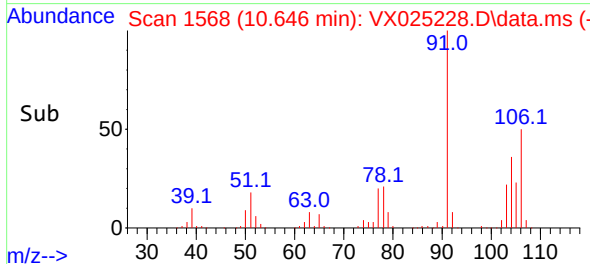
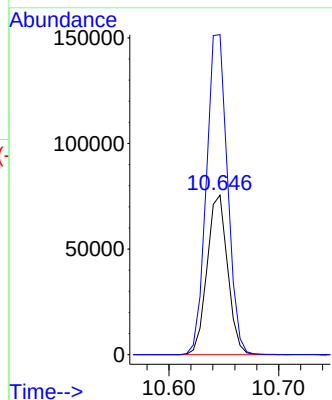
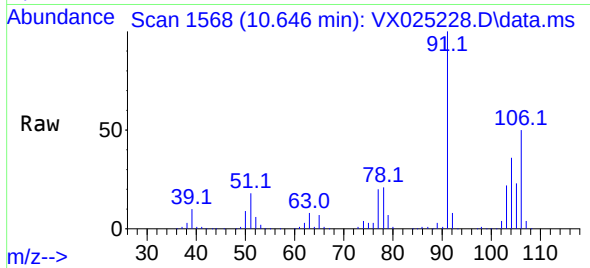
#54
o-Xylene
Concen: 42.577 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

Instrument :
MSVOA_X
ClientSampleId :
H0AB5MS

Tgt Ion:106 Resp: 98458
Ion Ratio Lower Upper
106 100
91 200.7 164.4 305.4

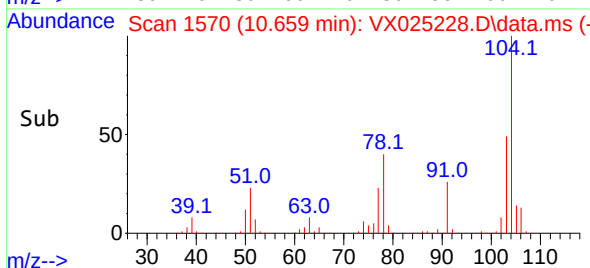
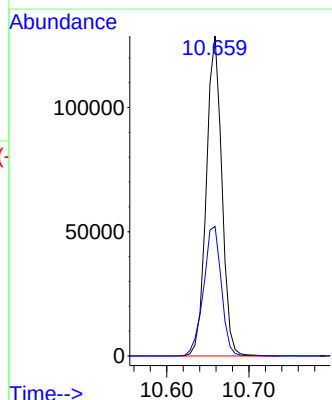
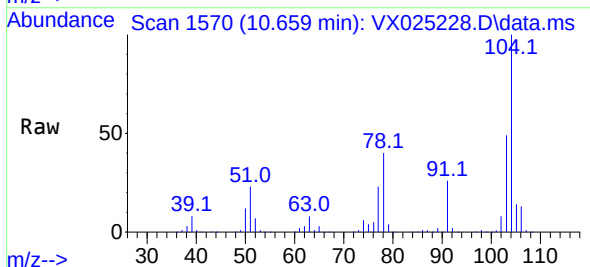
Manual Integrations
APPROVED

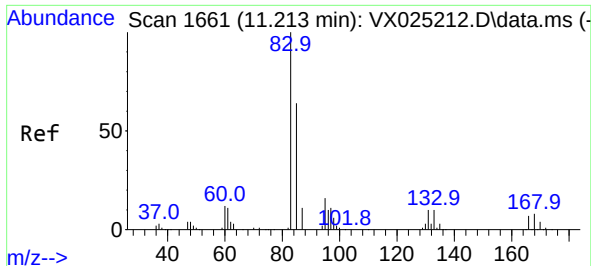
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021



#55
Styrene
Concen: 42.900 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

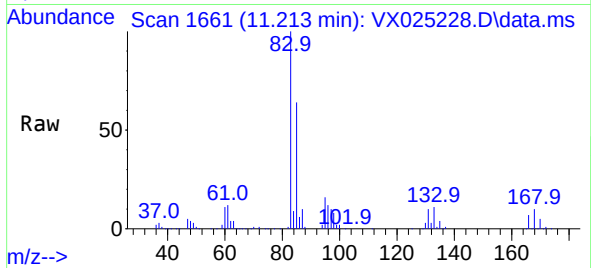
Tgt Ion:104 Resp: 168456
Ion Ratio Lower Upper
104 100
78 40.5 38.2 71.0





#57
1,1,2,2-Tetrachloroethane
Concen: 43.227 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

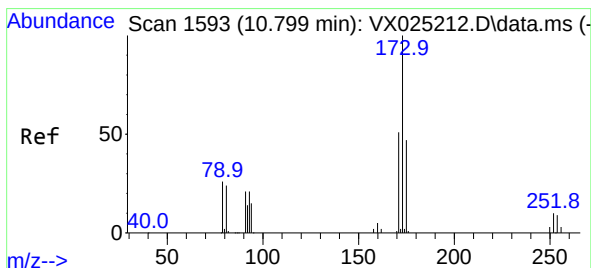
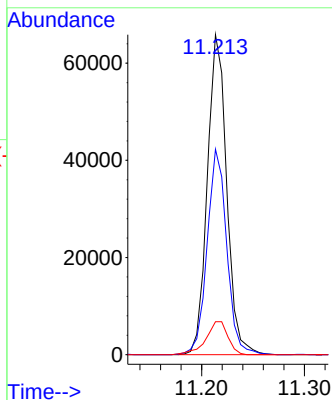
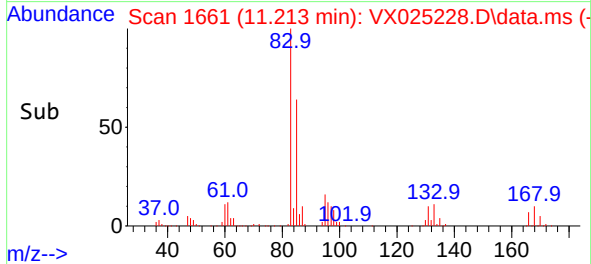
Instrument :
MSVOA_X
ClientSampleId :
H0AB5MS



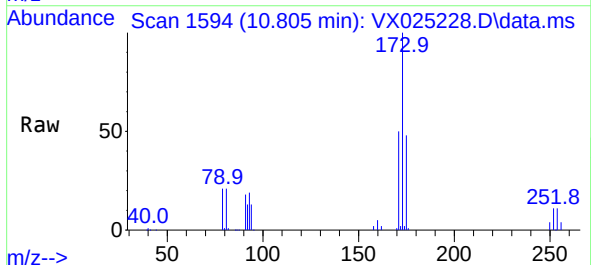
Tgt Ion: 83 Resp: 86180
Ion Ratio Lower Upper
83 100
85 64.2 46.9 87.1
131 10.3 8.7 13.1

Manual Integrations
APPROVED

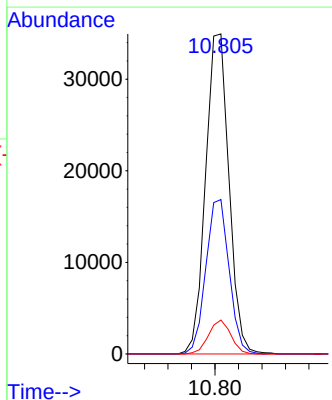
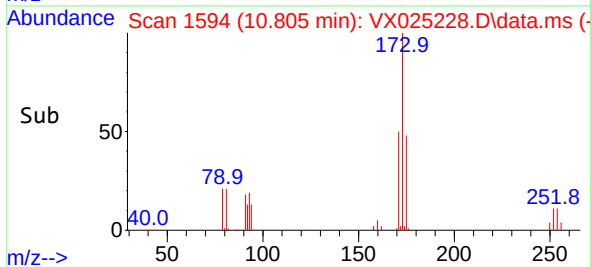
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021

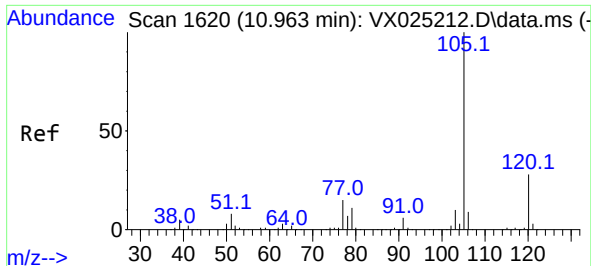


#59
Bromoform
Concen: 43.787 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41



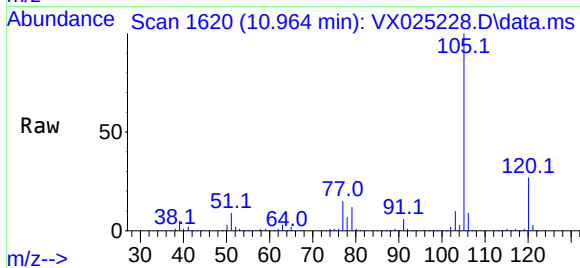
Tgt Ion:173 Resp: 48297
Ion Ratio Lower Upper
173 100
175 48.0 36.6 55.0
254 10.1 4.9 7.3#





#60
Isopropylbenzene
Concen: 43.781 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

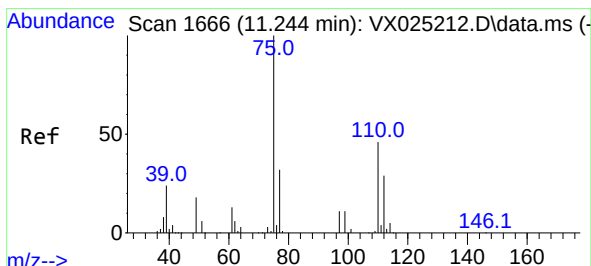
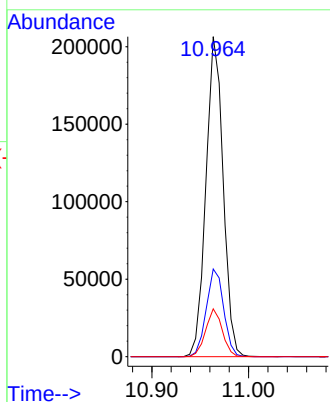
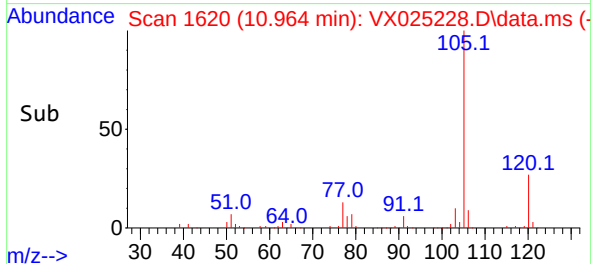
Instrument :
MSVOA_X
ClientSampleId :
H0AB5MS



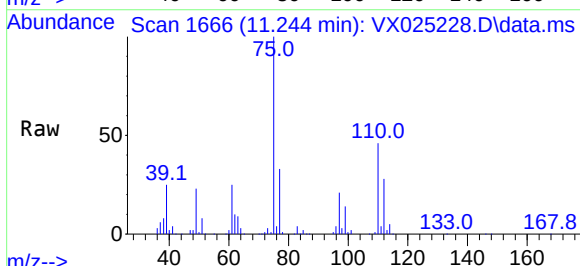
Tgt Ion:105 Resp: 255508
Ion Ratio Lower Upper
105 100
120 27.8 19.8 29.6
77 14.5 13.2 19.8

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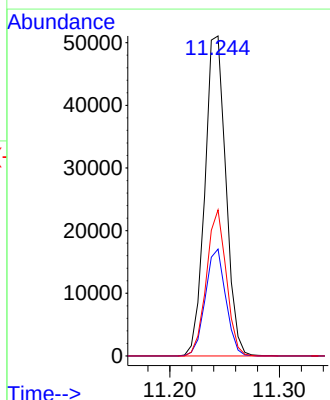
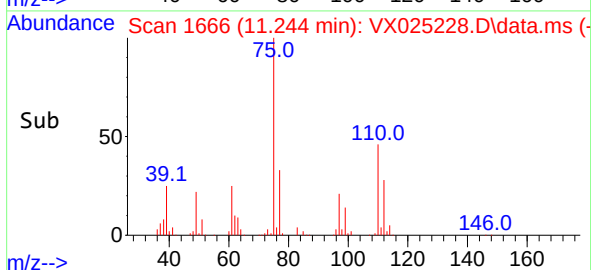
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021

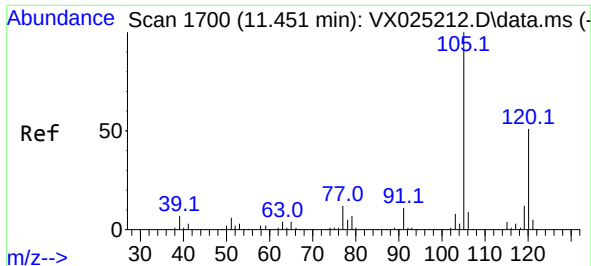


#61
1,2,3-Trichloropropane
Concen: 44.087 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41



Tgt Ion: 75 Resp: 67754
Ion Ratio Lower Upper
75 100
77 32.6 26.6 39.8
110 43.2 37.2 55.8





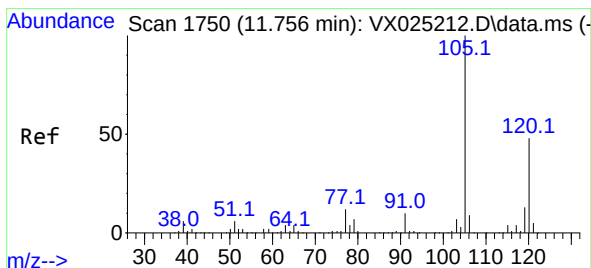
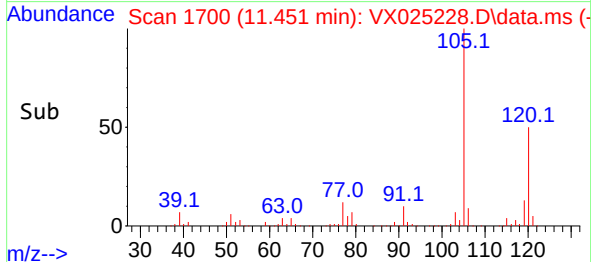
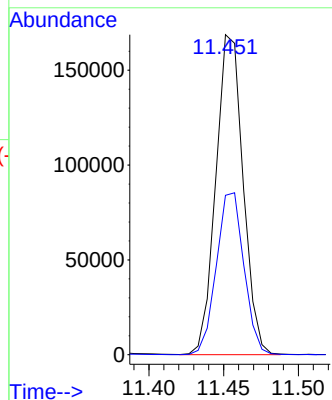
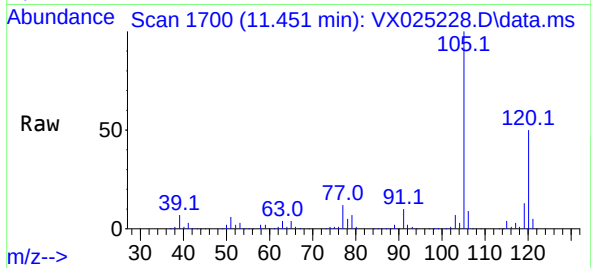
#62
1,3,5-Trimethylbenzene
Concen: 43.291 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

Instrument :
MSVOA_X
ClientSampleId :
H0AB5MS

Tgt Ion:105 Resp: 21435
Ion Ratio Lower Upper
105 100
120 51.2 34.4 51.6

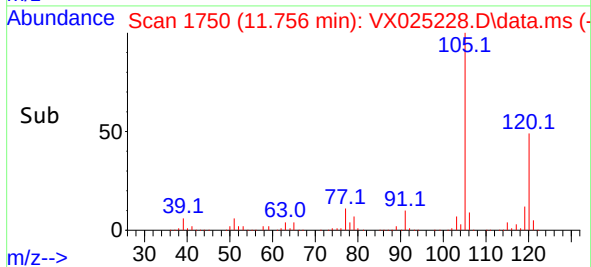
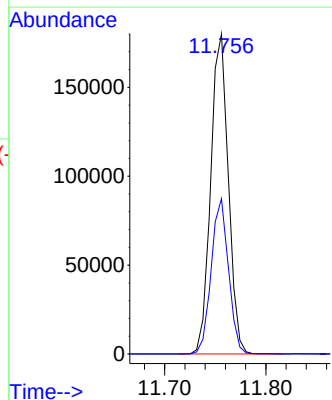
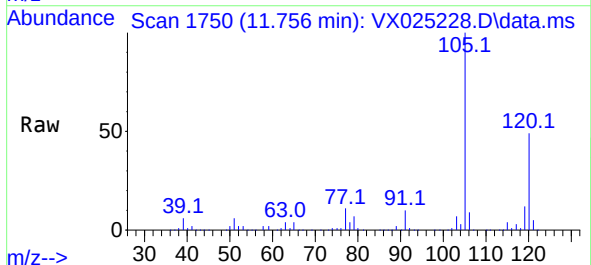
Manual Integrations
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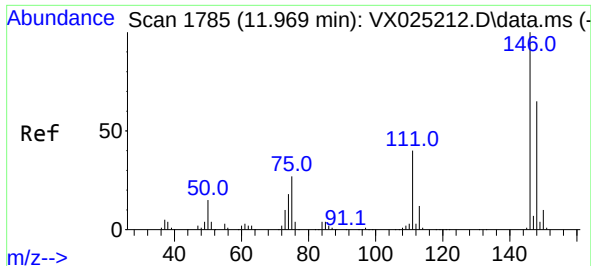
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021



#63
1,2,4-Trimethylbenzene
Concen: 43.825 ug/L m
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

Tgt Ion:105 Resp: 217711
Ion Ratio Lower Upper
105 100
120 0.2 31.0 46.6#





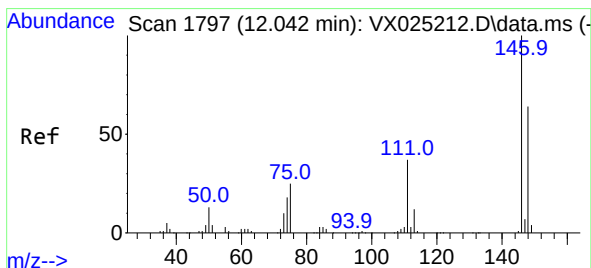
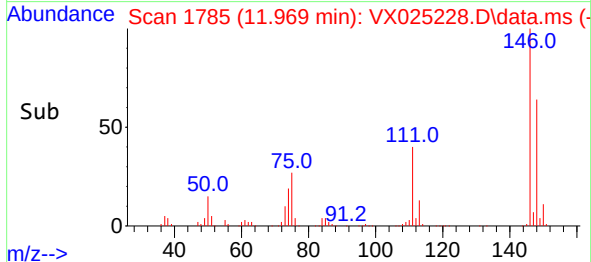
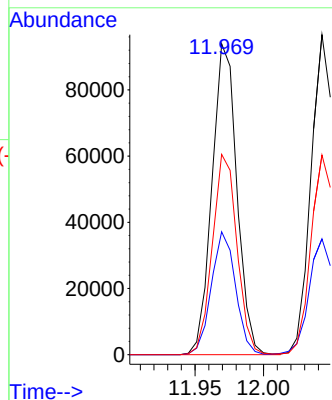
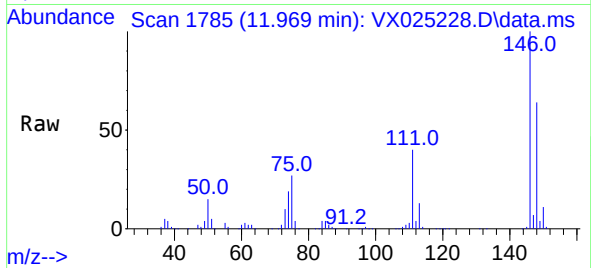
#64
1,3-Dichlorobenzene
Concen: 44.590 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

Instrument :
MSVOA_X
ClientSampleId :
H0AB5MS

Tgt Ion:146 Resp: 118620
Ion Ratio Lower Upper
146 100
111 39.5 31.1 57.9
148 64.4 43.2 80.2

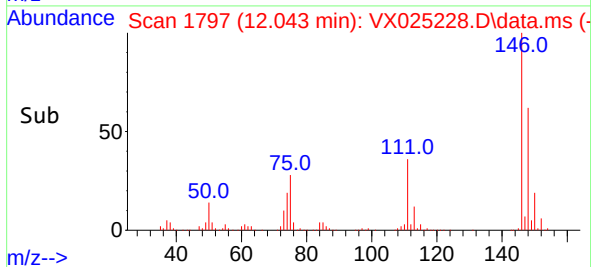
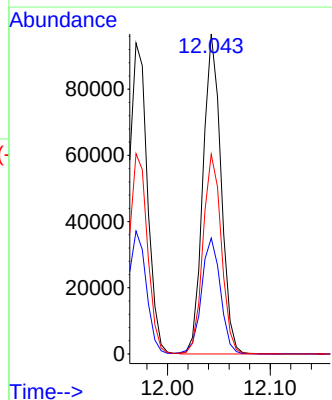
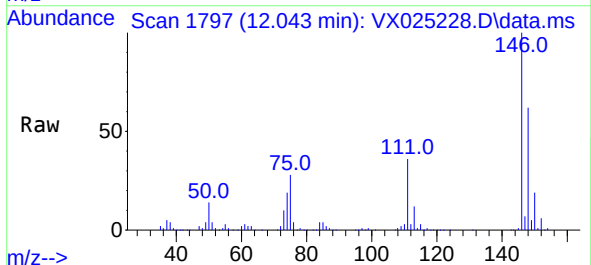
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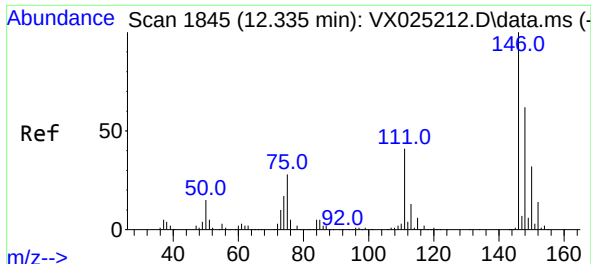
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021



#65
1,4-Dichlorobenzene
Concen: 44.457 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

Tgt Ion:146 Resp: 118164
Ion Ratio Lower Upper
146 100
111 36.2 31.8 59.0
148 62.4 46.1 85.5





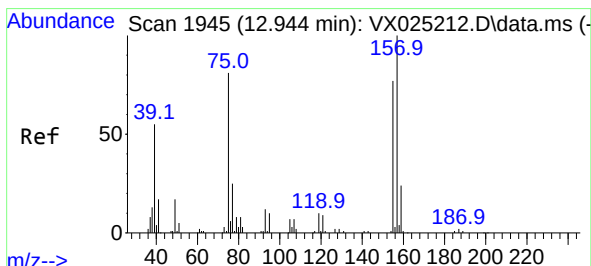
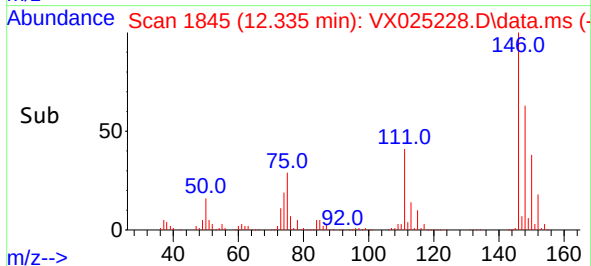
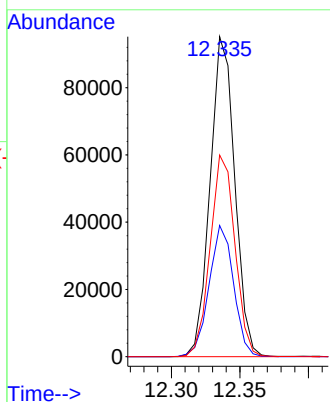
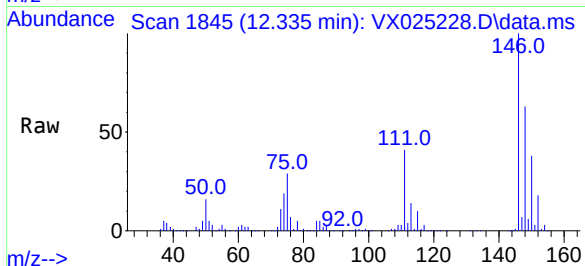
#67
1,2-Dichlorobenzene
Concen: 45.085 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

Instrument :
MSVOA_X
ClientSampleId :
H0AB5MS

Tgt Ion:146 Resp: 119128
Ion Ratio Lower Upper
146 100
111 41.0 38.5 57.7
148 63.0 53.2 79.8

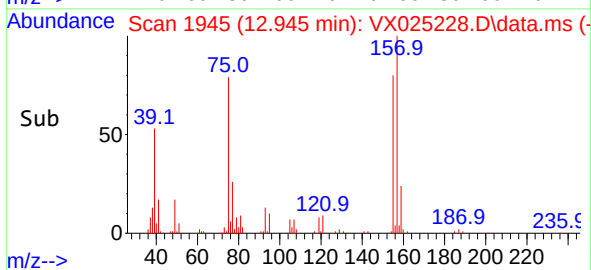
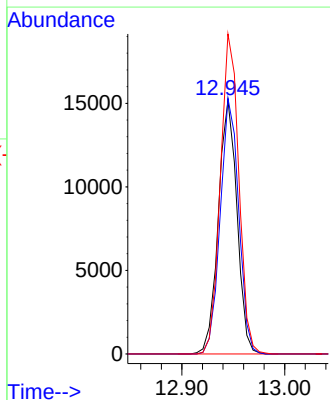
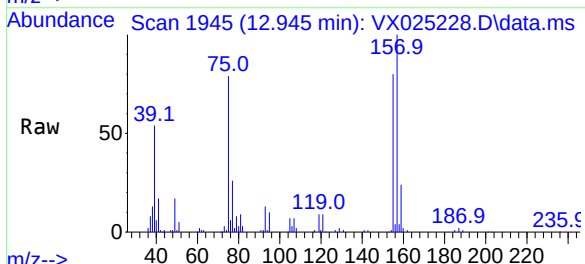
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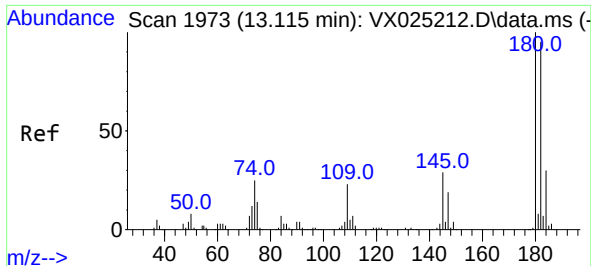
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021



#68
1,2-Dibromo-3-chloropropane
Concen: 42.843 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

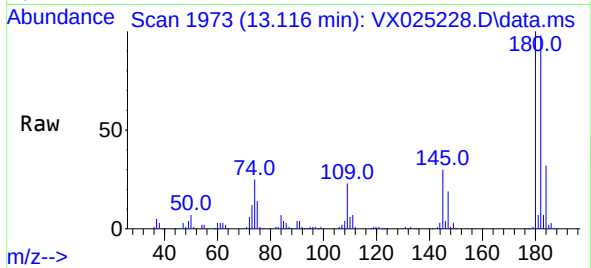
Tgt Ion: 75 Resp: 19043
Ion Ratio Lower Upper
75 100
155 100.7 59.3 88.9#
157 126.1 68.7 103.1#





#69
1,3,5-Trichlorobenzene
Concen: 43.111 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

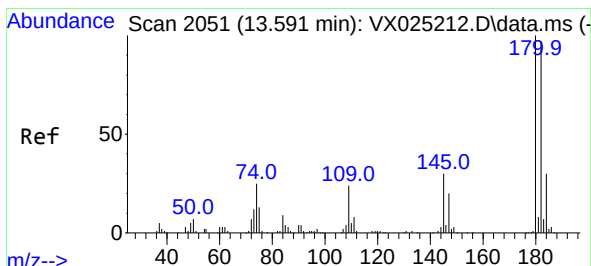
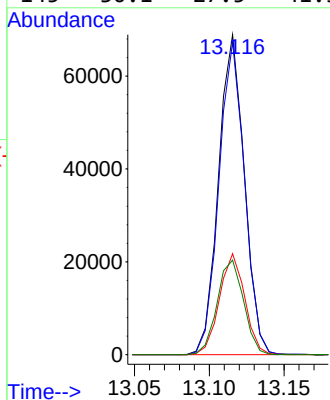
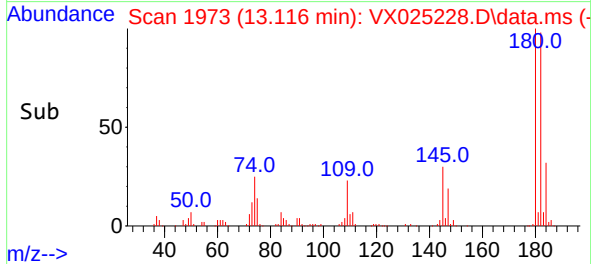
Instrument :
MSVOA_X
ClientSampleId :
H0AB5MS



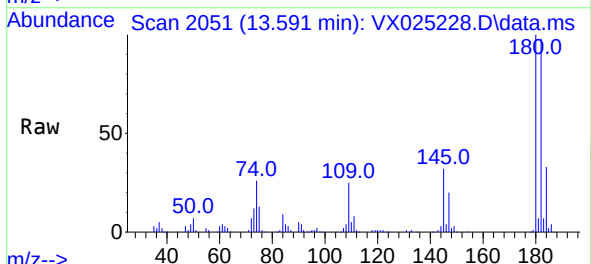
Tgt Ion:180 Resp: 82974
Ion Ratio Lower Upper
180 100
182 96.5 74.2 111.4
184 30.9 23.7 35.5
145 30.1 27.5 41.3

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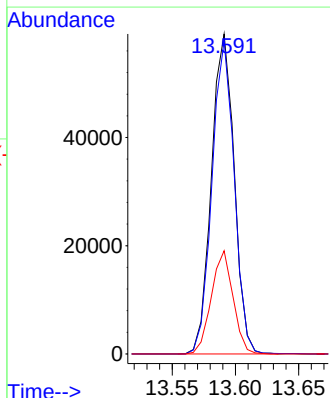
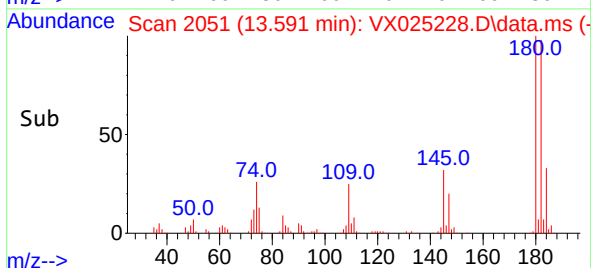
Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021

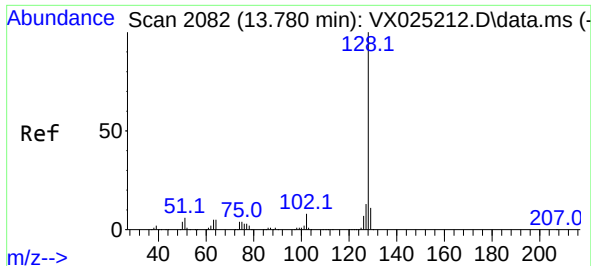


#70
1,2,4-trichlorobenzene
Concen: 43.997 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41



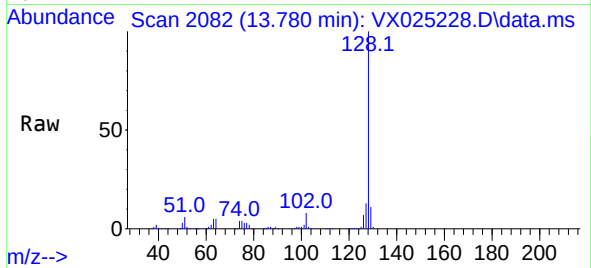
Tgt Ion:180 Resp: 73865
Ion Ratio Lower Upper
180 100
182 95.5 76.4 114.6
145 30.8 28.8 43.2





#71
Naphthalene
Concen: 45.773 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

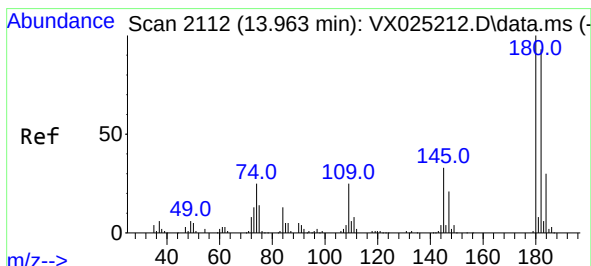
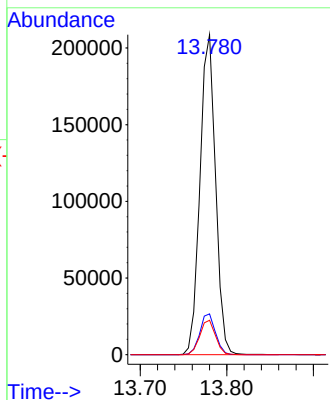
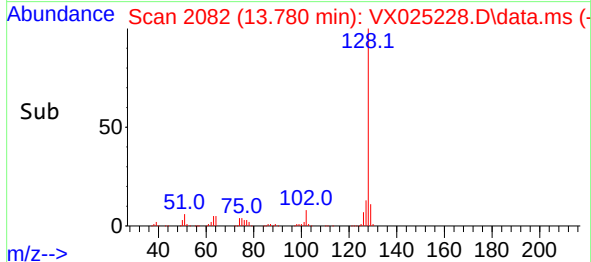
Instrument :
MSVOA_X
ClientSampleId :
H0AB5MS



Tgt Ion:128 Resp: 260589
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.9 9.1 13.7

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Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/22/2021



#72
1,2,3-Trichlorobenzene
Concen: 45.657 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX025228.D
Acq: 18 Nov 2021 22:41

Tgt Ion:180 Resp: 75990
Ion Ratio Lower Upper
180 100
182 93.6 73.3 109.9
145 31.9 29.0 43.4

