

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110221\
 Data File : VX025045.D
 Acq On : 02 Nov 2021 13:39
 Operator : JC/MD
 Sample : MDL04
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/03/2021
 Supervised By : Mahesh Dadoda 11/10/2021

Quant Time: Nov 03 01:20:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 03 00:53:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	74351	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	68337	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	33347	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	13106	6.004	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.000%
7) Chloroethane-d5	1.672	69	10714	5.448	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.000%
11) 1,1-Dichloroethene-d2	2.313	63	29018	3.566	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	4.495	46	49366	61.858	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.720%
24) Chloroform-d	5.068	84	46125	4.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.964	65	26804	4.667	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.983	84	75523	4.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	7.312	67	24644	4.851	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	8.653	98	74308	4.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	8.958	79	11480	4.924	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.400%
46) 2-Hexanone-d5	9.391	63	41605	49.579	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.160%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	18058	4.651	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	12.323	152	25882	4.606	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	1255	0.147	ug/L	94
3) Chloromethane	1.288	50	576	0.193	ug/L	89
5) Vinyl chloride	1.380	62	795	0.218	ug/L	97
6) Bromomethane	1.624	94	505	0.178	ug/L	93
8) Chloroethane	1.691	64	562m	0.257	ug/L	
9) Trichlorofluoromethane	1.892	101	1846	0.170	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	1204	0.212	ug/L #	79
12) 1,1-Dichloroethene	2.319	96	1065	0.233	ug/L #	1
13) Acetone	2.435	43	1469m	2.454	ug/L	
14) Carbon disulfide	2.514	76	2210	0.178	ug/L #	88
15) Methyl Acetate	2.739	43	296	0.218	ug/L #	41
16) Methylene chloride	2.794	84	2761	0.521	ug/L #	79
17) Methyl tert-butyl Ether	3.117	73	2277	0.174	ug/L	99
18) trans-1,2-Dichloroethene	3.111	96	697	0.131	ug/L #	71
19) 1,1-Dichloroethane	3.617	63	1537	0.165	ug/L #	63
21) 2-Butanone	4.617	43	2252m	2.558	ug/L	
22) cis-1,2-Dichloroethene	4.501	96	1126	0.198	ug/L	93
23) Bromochloromethane	4.904	128	363m	0.141	ug/L	
25) Chloroform	5.099	83	3207	0.265	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.105	62	1338	0.181	ug/L #	85
29) 1,1,1-Trichloroethane	5.391	97	1930	0.163	ug/L #	79
30) Cyclohexane	5.477	56	1644	0.223	ug/L #	41
31) Carbon tetrachloride	5.690	117	1512	0.148	ug/L	99
33) Benzene	6.050	78	3063	0.153	ug/L	100
34) Trichloroethene	7.129	95	1229	0.189	ug/L	91
35) Methylcyclohexane	7.385	83	1584	0.174	ug/L	89
37) 1,2-Dichloropropane	7.434	63	1042	0.214	ug/L #	95
38) Bromodichloromethane	7.836	83	1332	0.164	ug/L #	95
39) cis-1,3-Dichloropropene	8.379	75	1492m	0.181	ug/L	
40) 4-Methyl-2-pentanone	8.580	43	4051	1.863	ug/L #	79
42) Toluene	8.726	91	4858	0.208	ug/L	95
44) trans-1,3-Dichloropropene	8.982	75	1034	0.139	ug/L	96
45) 1,1,2-Trichloroethane	9.153	97	543	0.138	ug/L	86
47) Tetrachloroethene	9.281	164	836	0.184	ug/L #	74
48) 2-Hexanone	9.439	43	3778	2.380	ug/L #	89
49) Dibromochloromethane	9.525	129	702	0.137	ug/L	92
50) 1,2-Dibromoethane	9.610	107	590	0.150	ug/L #	87
51) Chlorobenzene	10.079	112	2330	0.157	ug/L	94
52) Ethylbenzene	10.201	91	3941m	0.143	ug/L	
53) m,p-xylene	10.305	106	1588m	0.162	ug/L	
54) o-xylene	10.653	106	1339	0.141	ug/L	69
55) Styrene	10.665	104	2389	0.149	ug/L	92
57) 1,1,2,2-Tetrachloroethane	11.213	83	926	0.204	ug/L	93
59) Bromoform	10.799	173	380	0.164	ug/L #	98
60) Isopropylbenzene	10.970	105	4089	0.154	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	553	0.170	ug/L #	81
62) 1,3,5-Trimethylbenzene	11.451	105	3405	0.147	ug/L	94
63) 1,2,4-Trimethylbenzene	11.756	105	3362	0.142	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	1825	0.165	ug/L #	65
65) 1,4-Dichlorobenzene	12.043	146	1889	0.170	ug/L	89
67) 1,2-Dichlorobenzene	12.341	146	1700	0.167	ug/L #	82
68) 1,2-Dibromo-3-chloropr...	12.957	75	68	0.086	ug/L #	6
69) 1,3,5-Trichlorobenzene	13.116	180	1293	0.154	ug/L	91
70) 1,2,4-trichlorobenzene	13.597	180	846	0.127	ug/L	94
71) Naphthalene	13.780	128	1006	0.084	ug/L #	82
72) 1,2,3-Trichlorobenzene	13.969	180	648	0.108	ug/L	85

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

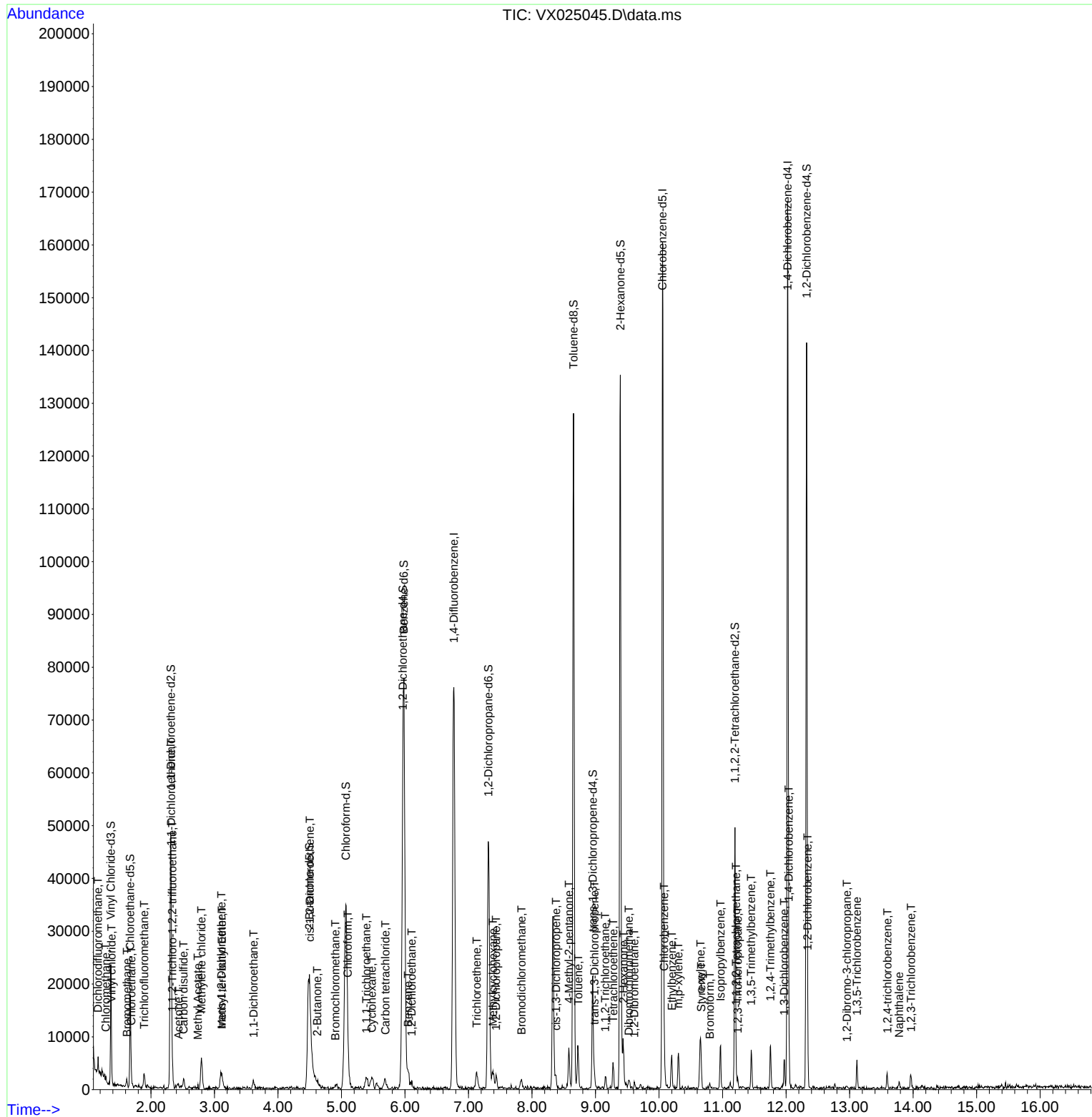
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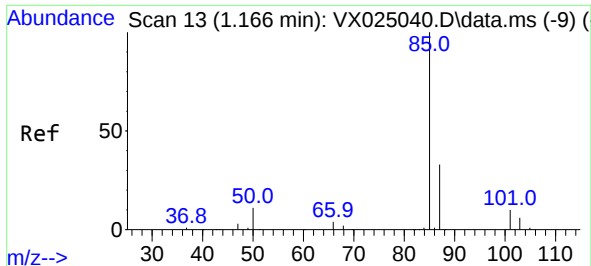
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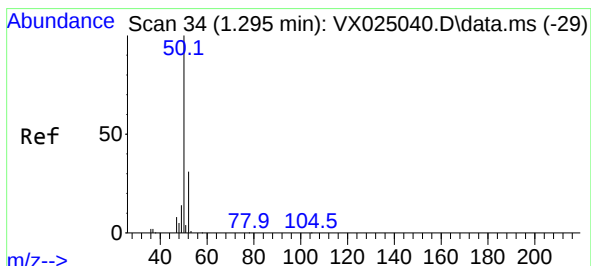
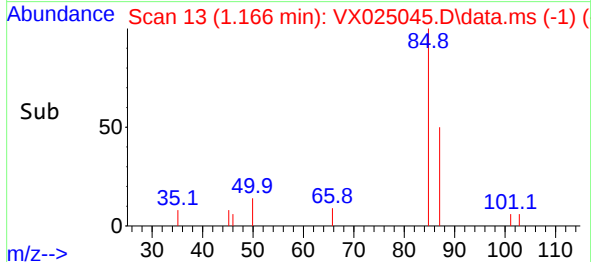
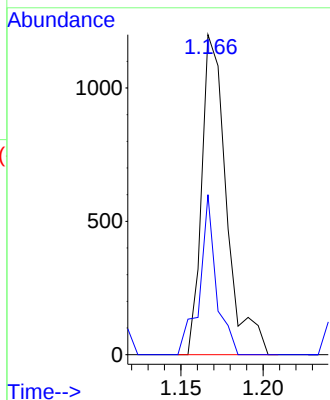
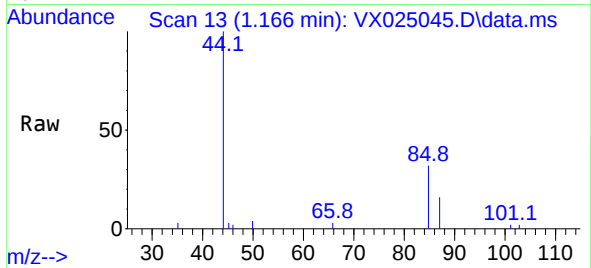
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Dichlorodifluoromethane
Concen: 0.147 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Tgt Ion: 85 Resp: 125
Ion Ratio Lower Upper
85 100
87 33.4 24.1 36.1

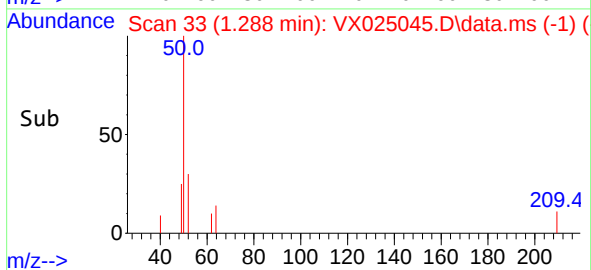
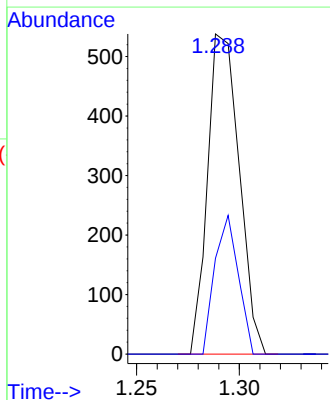
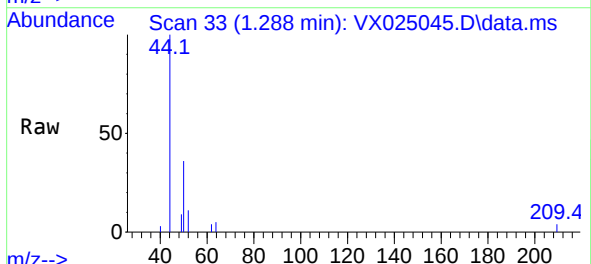
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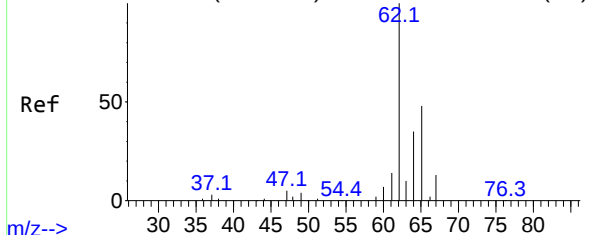


#3
Chloromethane
Concen: 0.193 ug/L
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

Tgt Ion: 50 Resp: 576
Ion Ratio Lower Upper
50 100
52 29.9 25.5 47.3



Abundance Scan 47 (1.374 min): VX025040.D\data.ms (-42)



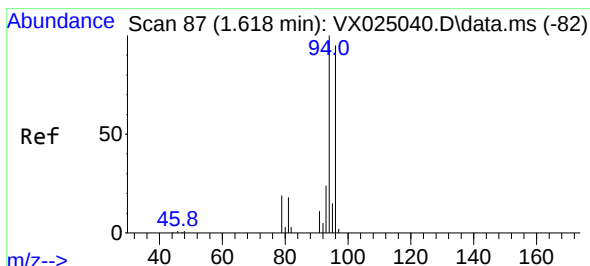
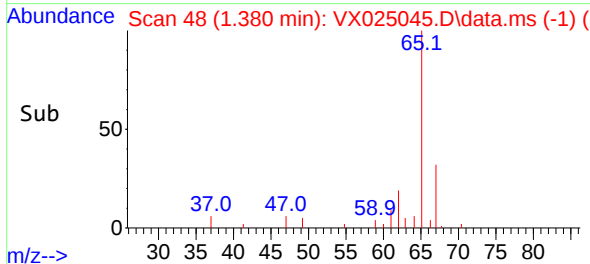
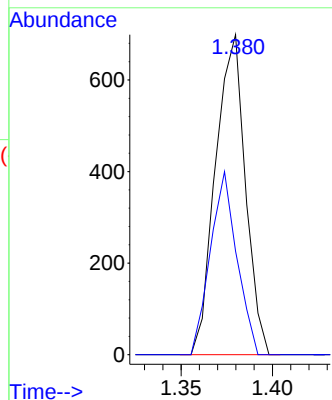
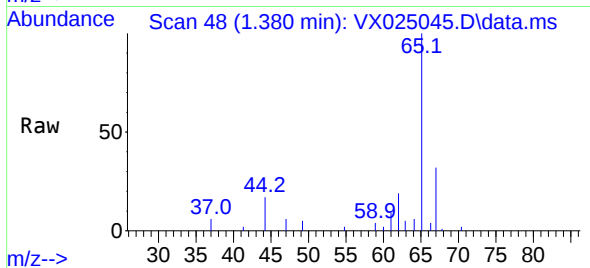
#5
Vinyl chloride
Concen: 0.218 ug/L
RT: 1.380 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 62 Resp: 799
Ion Ratio Lower Upper
62 100
64 32.3 23.7 44.1

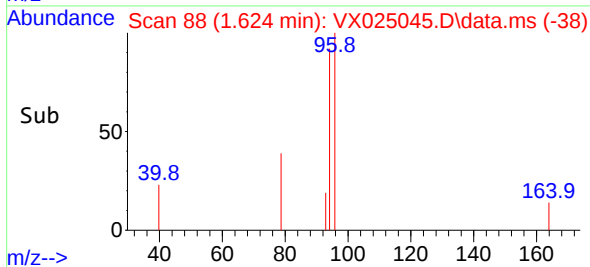
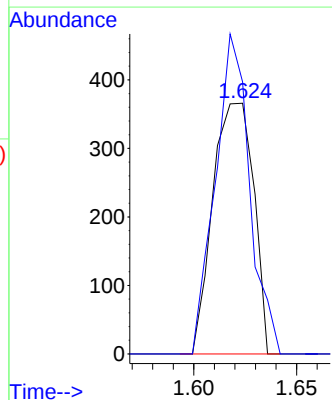
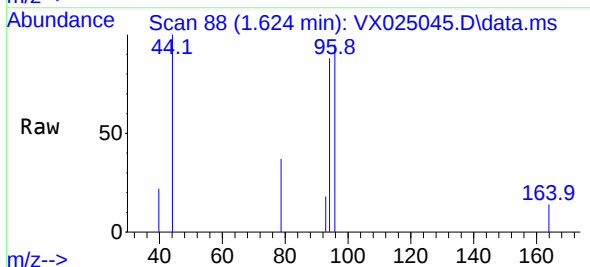
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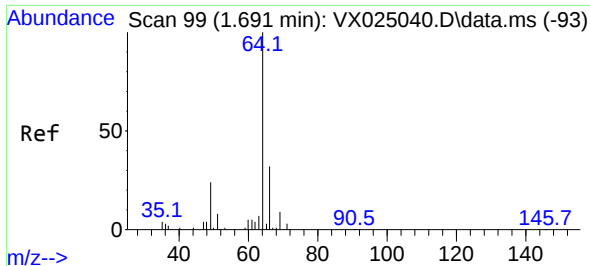
Reviewed By :John Carlone 11/03/2021
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#6
Bromomethane
Concen: 0.178 ug/L
RT: 1.624 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

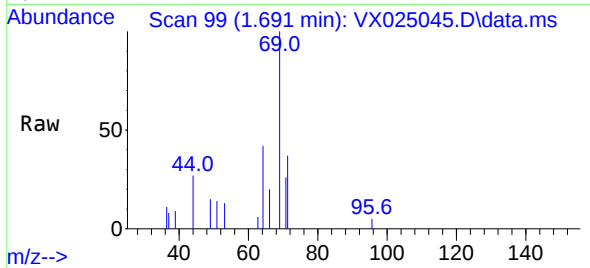
Tgt Ion: 94 Resp: 505
Ion Ratio Lower Upper
94 100
96 108.5 70.9 131.7





#8
Chloroethane
Concen: 0.257 ug/L m
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

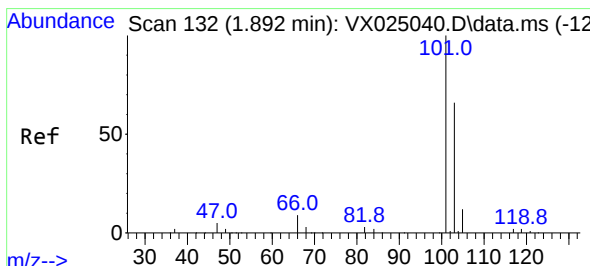
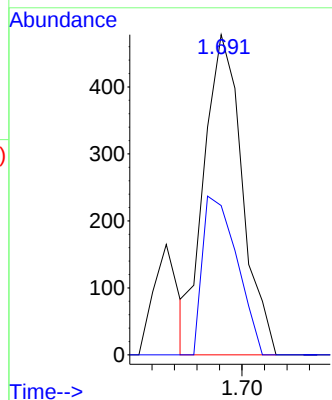
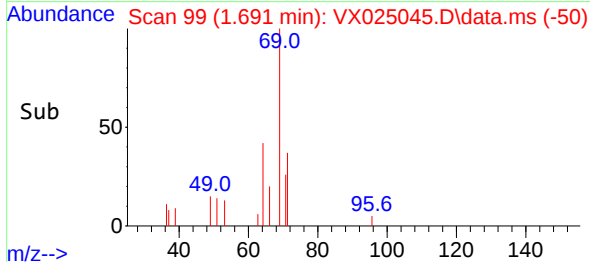
Instrument :
MSVOA_X
ClientSampleId :
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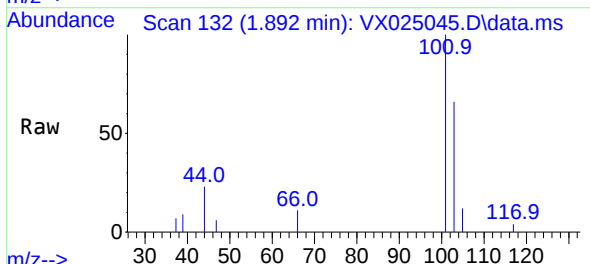
Tgt Ion: 64 Resp: 562
Ion Ratio Lower Upper
64 100
66 46.7 22.6 42.0

Manual Integrations
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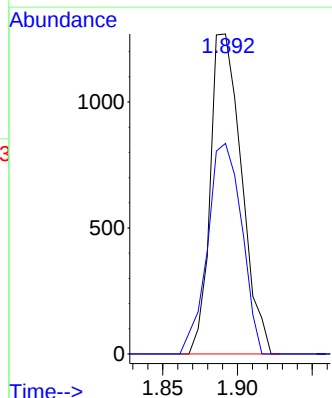
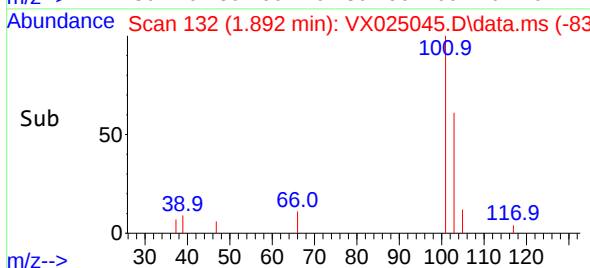
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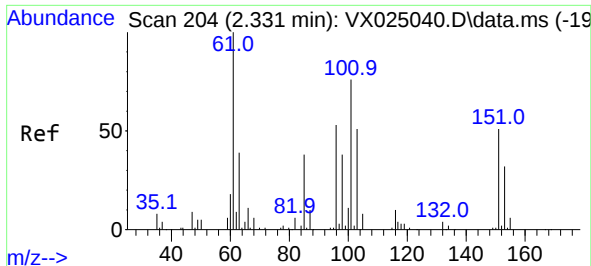


#9
Trichlorofluoromethane
Concen: 0.170 ug/L
RT: 1.892 min Scan# 132
Delta R.T. -0.000 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39



Tgt Ion:101 Resp: 1846
Ion Ratio Lower Upper
101 100
103 71.9 51.2 76.8





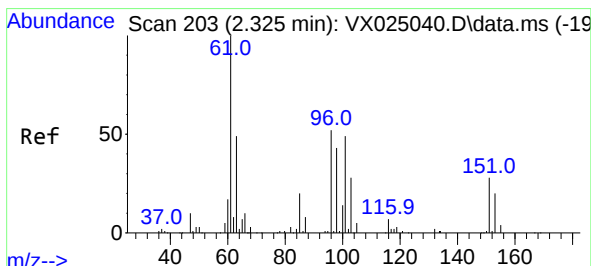
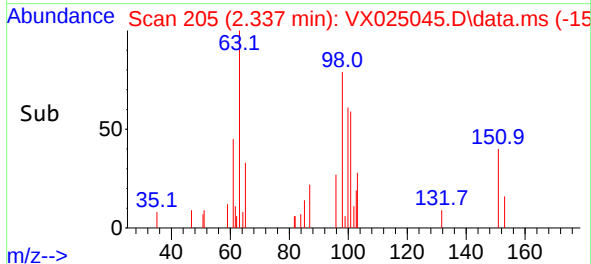
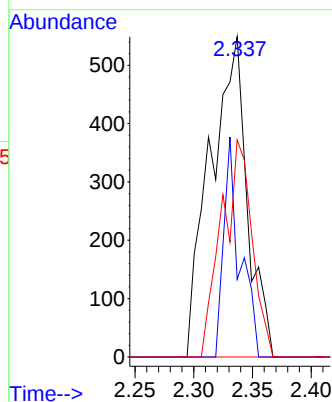
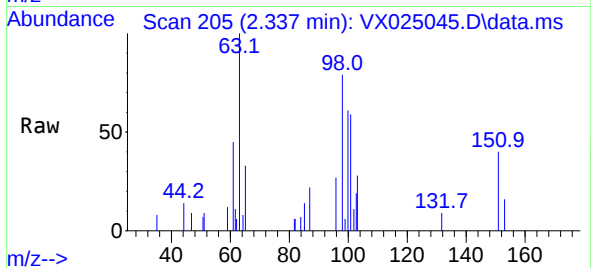
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.212 ug/L
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX025045.D
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Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 1204
Ion Ratio Lower Upper
101 100
85 30.0 34.3 51.5
151 55.3 58.3 87.5

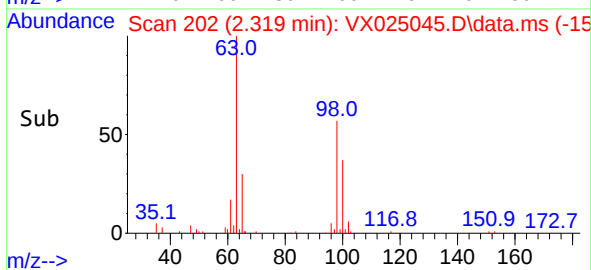
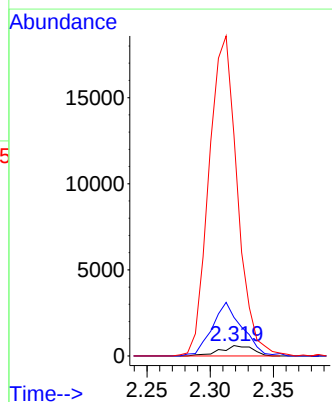
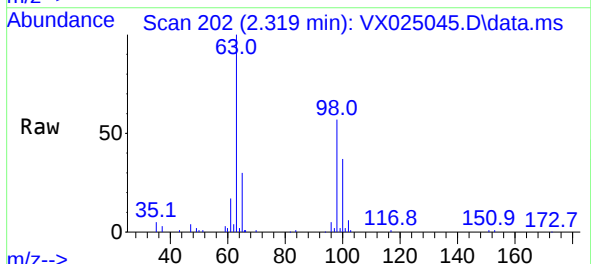
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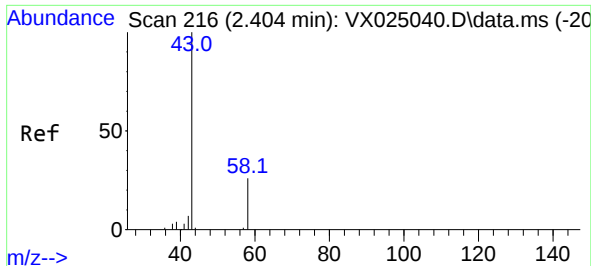
Reviewed By :John Carlone 11/03/2021
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#12
1,1-Dichloroethene
Concen: 0.233 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

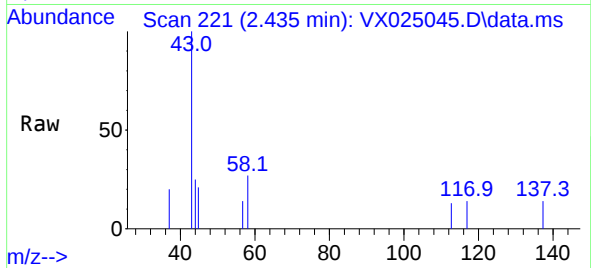
Tgt Ion: 96 Resp: 1065
Ion Ratio Lower Upper
96 100
61 373.2 110.2 204.8#
63 2137.3 63.1 117.1#





#13
Acetone
Concen: 2.454 ug/L m
RT: 2.435 min Scan# 216
Delta R.T. 0.030 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

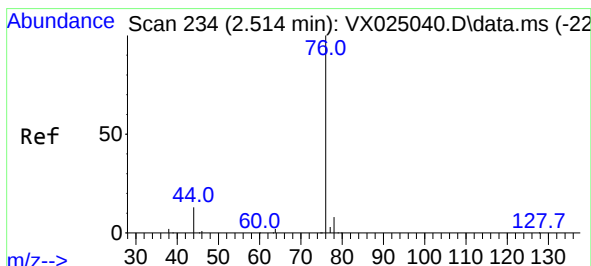
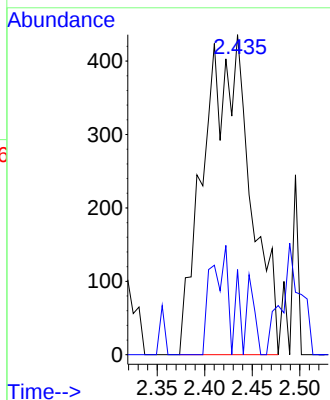
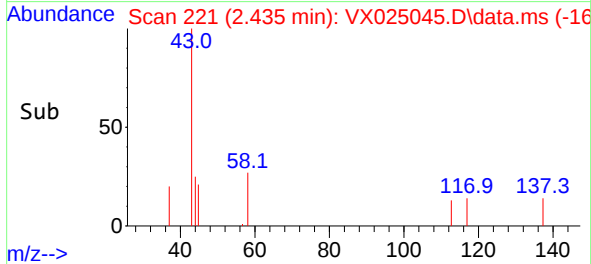
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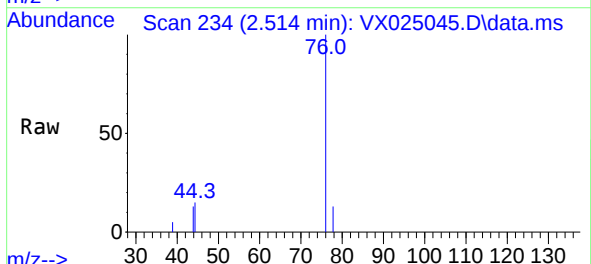
Tgt Ion: 43 Resp: 1469
Ion Ratio Lower Upper
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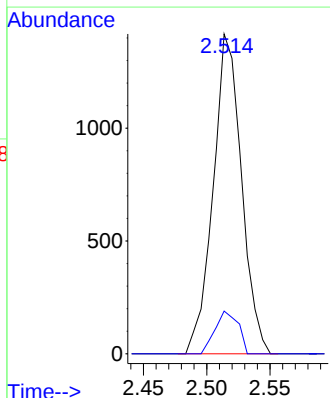
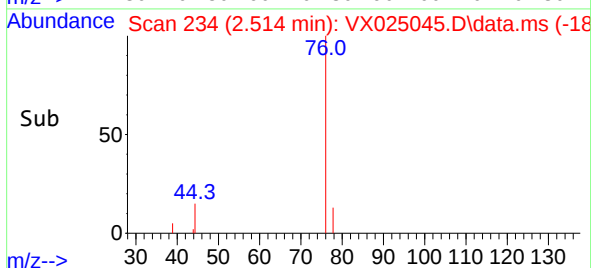
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/10/2021

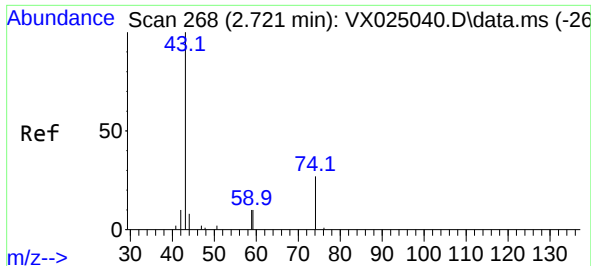


#14
Carbon disulfide
Concen: 0.178 ug/L
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39



Tgt Ion: 76 Resp: 2210
Ion Ratio Lower Upper
76 100
78 13.4 7.1 10.7#





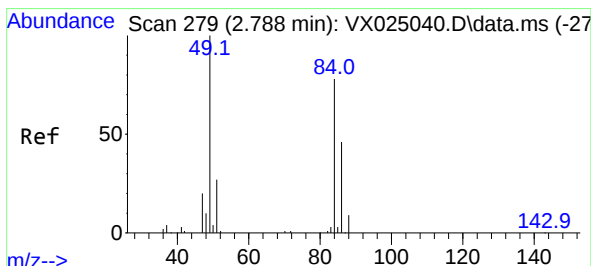
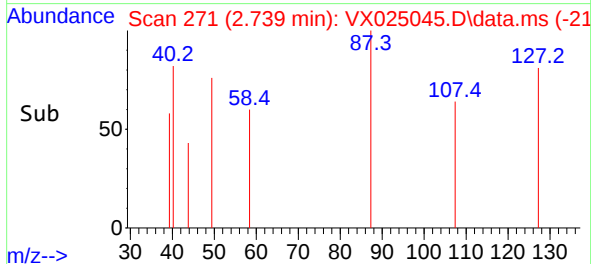
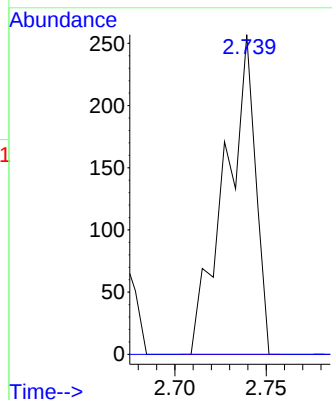
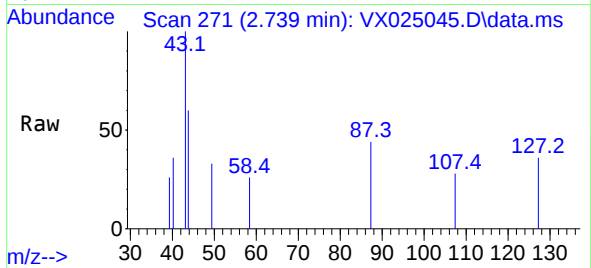
#15
Methyl Acetate
Concen: 0.218 ug/L
RT: 2.739 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Tgt Ion: 43 Resp: 290
Ion Ratio Lower Upper
43 100
74 0.0 26.8 40.2

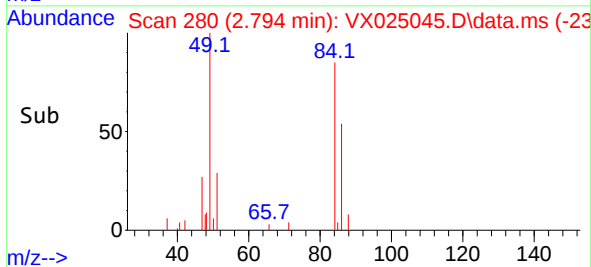
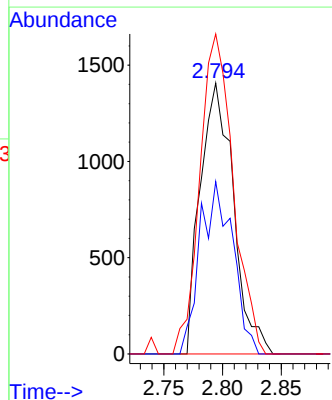
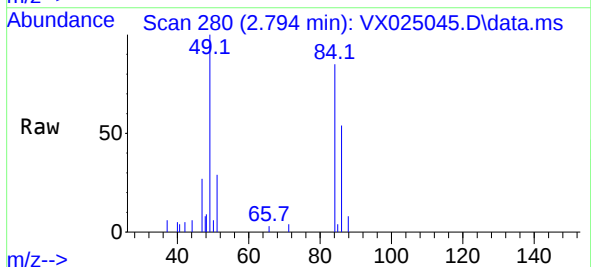
Manual Integrations
APPROVED

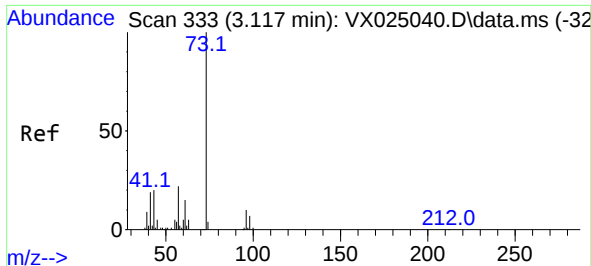
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/10/2021



#16
Methylene chloride
Concen: 0.521 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

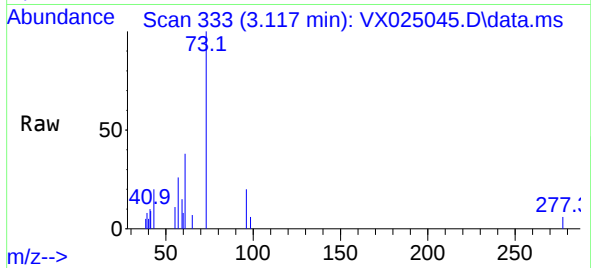
Tgt Ion: 84 Resp: 2761
Ion Ratio Lower Upper
84 100
86 63.6 49.5 91.9
49 118.1 62.7 116.5





#17
Methyl tert-butyl Ether
Concen: 0.174 ug/L
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

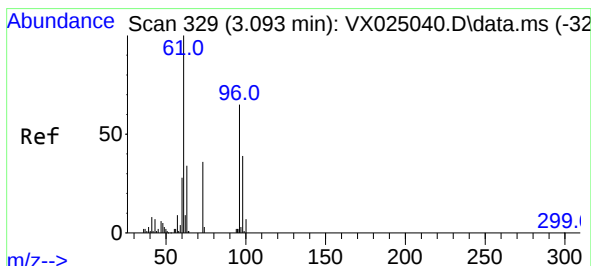
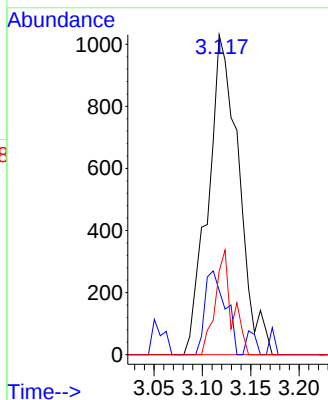
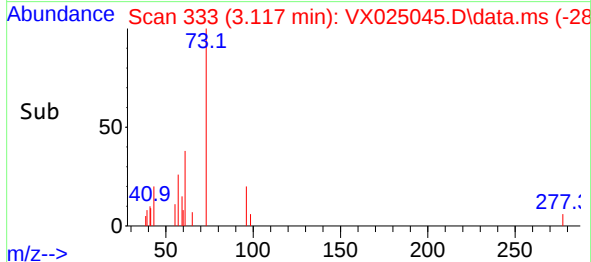
Instrument :
MSVOA_X
ClientSampleId :
MDL02



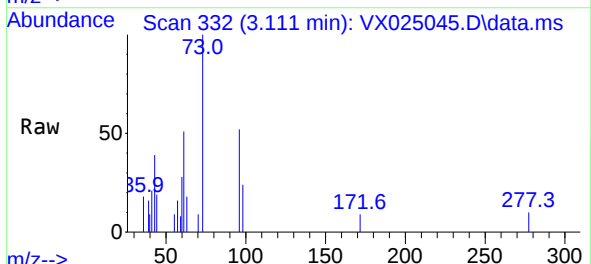
Tgt Ion: 73	Resp: 227
Ion Ratio	Lower Upper
73 100	
43 17.6	13.6 20.4
57 17.9	14.5 21.7

Manual Integrations
APPROVED

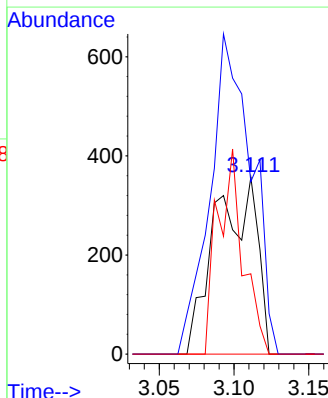
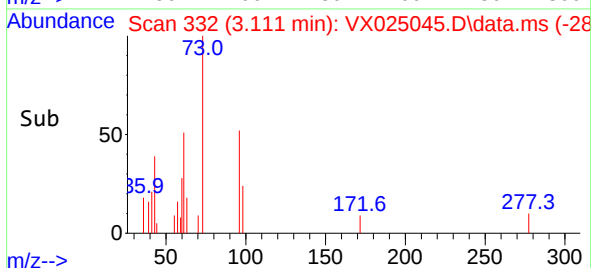
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/10/2021

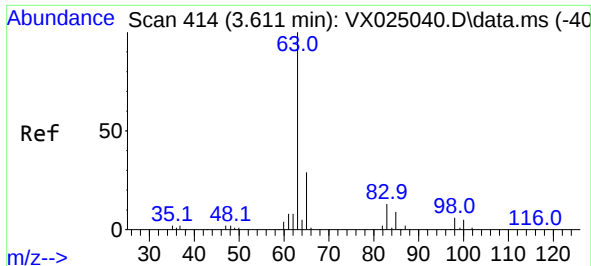


#18
trans-1,2-Dichloroethene
Concen: 0.131 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.018 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39



Tgt Ion: 96	Resp: 697
Ion Ratio	Lower Upper
96 100	
61 97.5	92.7 172.3
98 45.4	46.6 86.6#





#19

1,1-Dichloroethane

Concen: 0.165 ug/L

RT: 3.617 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX025045.D

Acq: 02 Nov 2021 13:39

Instrument :

MSVOA_X

ClientSampleId :

MDL02

Tgt Ion: 63 Resp: 153

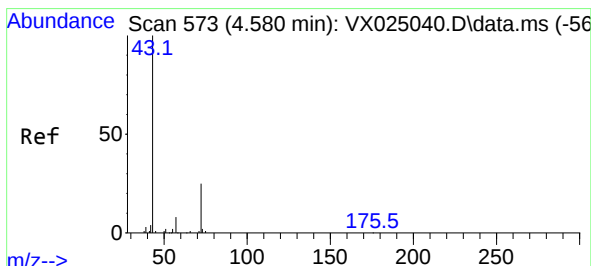
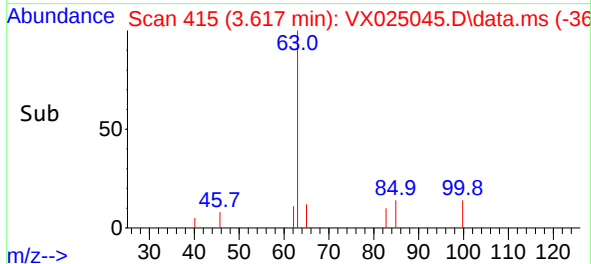
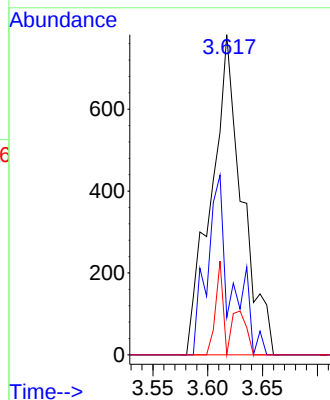
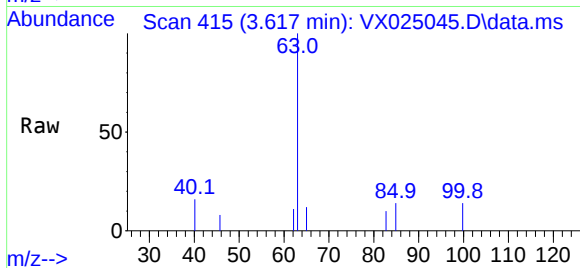
Ion	Ratio	Lower	Upper
63	100		
65	11.6	22.3	41.3
83	0.0	11.5	21.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Mahesh Dadoda 11/10/2021



#21

2-Butanone

Concen: 2.558 ug/L m

RT: 4.617 min Scan# 579

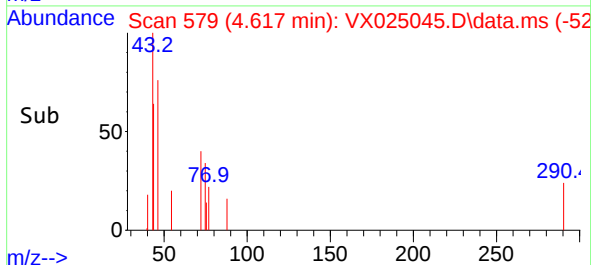
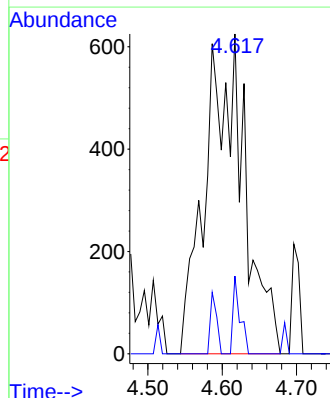
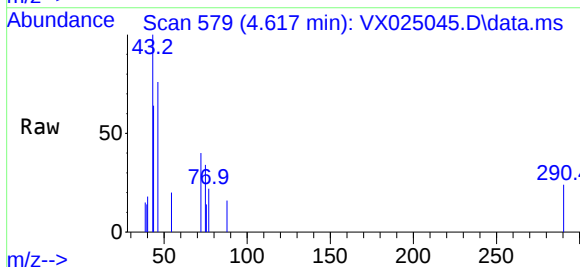
Delta R.T. 0.037 min

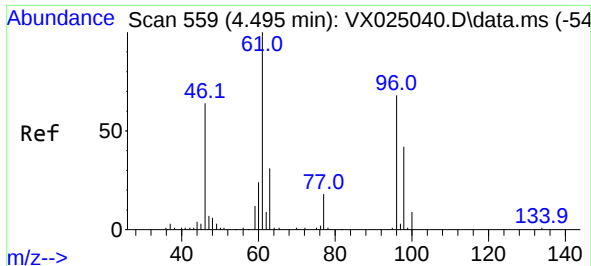
Lab File: VX025045.D

Acq: 02 Nov 2021 13:39

Tgt Ion: 43 Resp: 2252

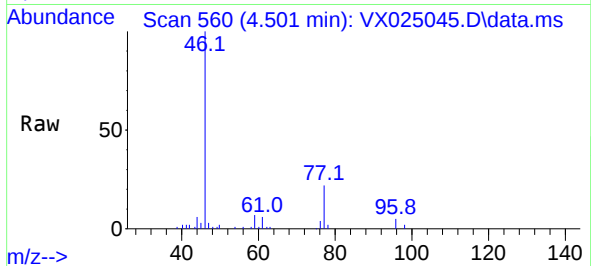
Ion	Ratio	Lower	Upper
43	100		
72	3.1	18.9	56.9





#22
cis-1,2-Dichloroethene
Concen: 0.198 ug/L
RT: 4.501 min Scan# 510
Delta R.T. 0.006 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

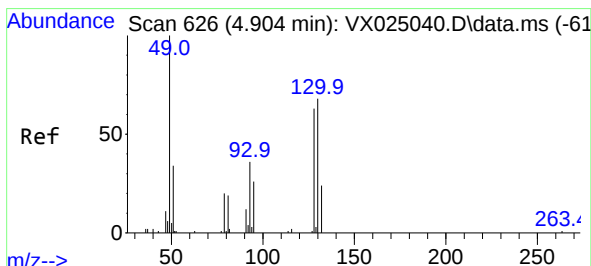
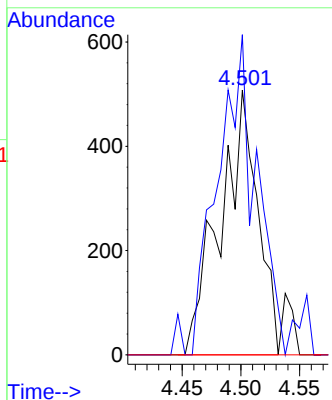
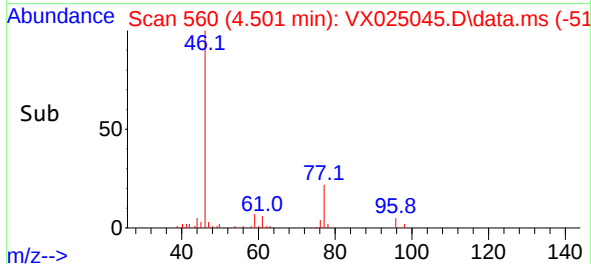
Instrument :
MSVOA_X
ClientSampleId :
MDL02



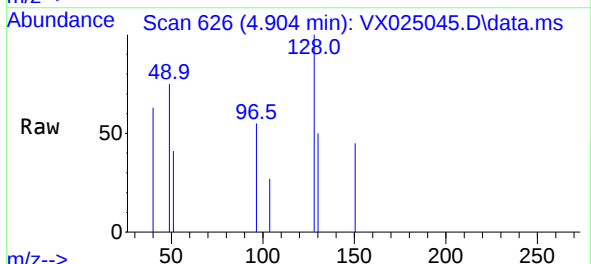
Tgt Ion: 96 Resp: 1120
Ion Ratio Lower Upper
96 100
61 120.9 90.3 167.7
68 0.0 0.0 0.0

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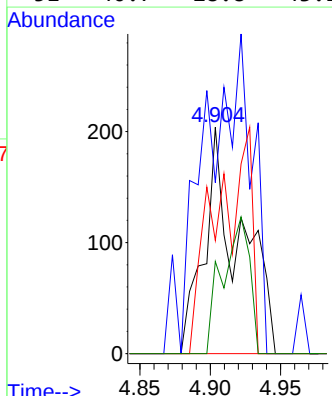
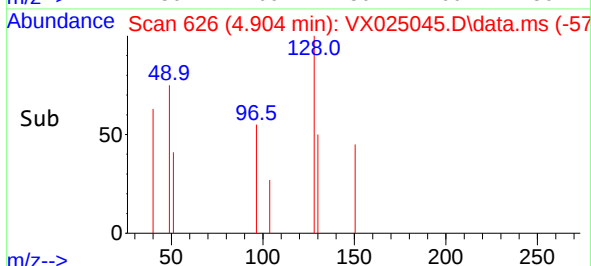
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/10/2021

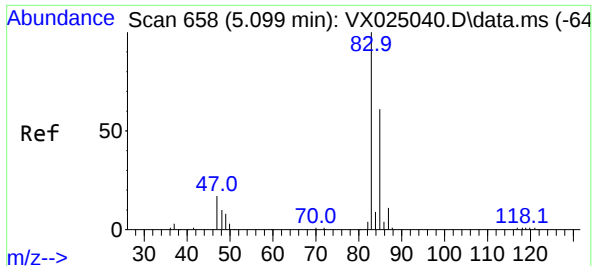


#23
Bromochloromethane
Concen: 0.141 ug/L m
RT: 4.904 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39



Tgt Ion:128 Resp: 363
Ion Ratio Lower Upper
128 100
49 75.5 85.8 159.3#
130 50.0 81.4 151.2#
51 40.7 28.8 43.2





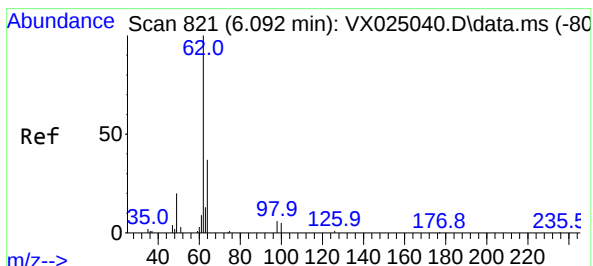
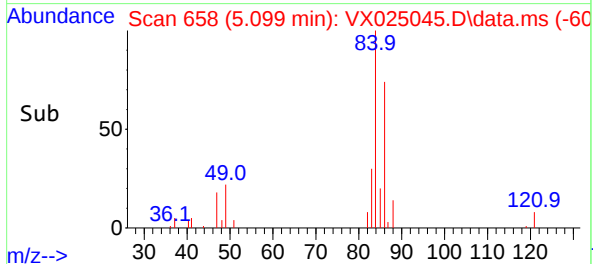
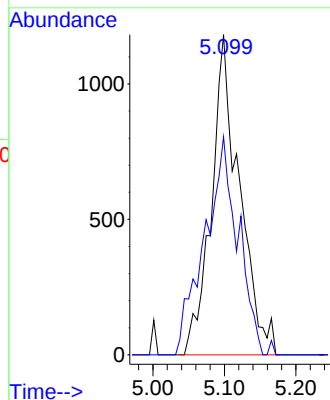
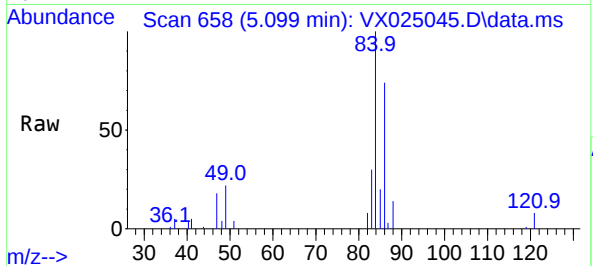
#25
Chloroform
Concen: 0.265 ug/L
RT: 5.099 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Tgt Ion: 83 Resp: 320
Ion Ratio Lower Upper
83 100
85 68.1 47.0 87.4

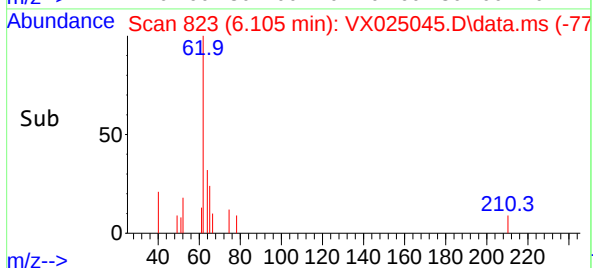
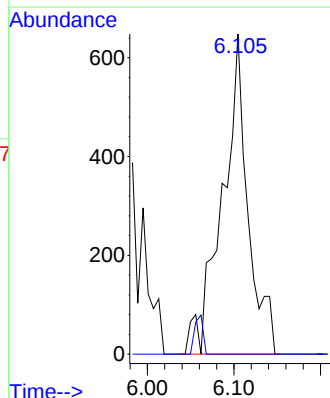
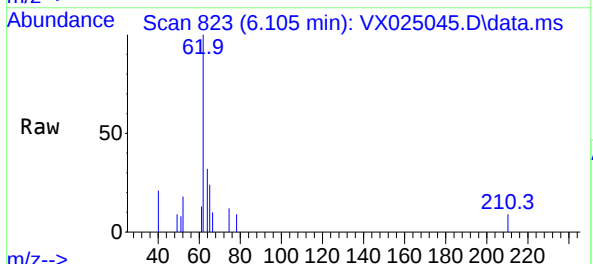
Manual Integrations
APPROVED

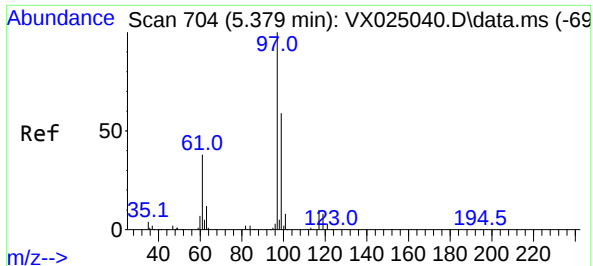
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/10/2021



#27
1,2-Dichloroethane
Concen: 0.181 ug/L
RT: 6.105 min Scan# 823
Delta R.T. 0.012 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

Tgt Ion: 62 Resp: 1338
Ion Ratio Lower Upper
62 100
98 0.0 4.1 6.1#





#29

1,1,1-Trichloroethane

Concen: 0.163 ug/L

RT: 5.391 min Scan# 704

Delta R.T. 0.012 min

Lab File: VX025045.D

Acq: 02 Nov 2021 13:39

Instrument :

MSVOA_X

ClientSampleId :

MDL02

Tgt Ion: 97 Resp: 1930

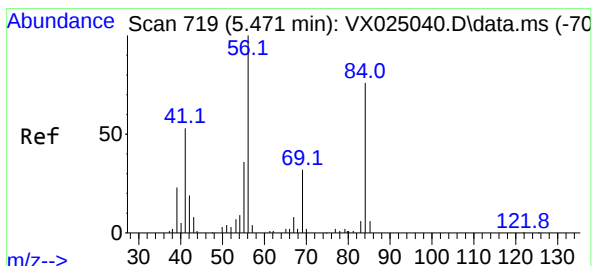
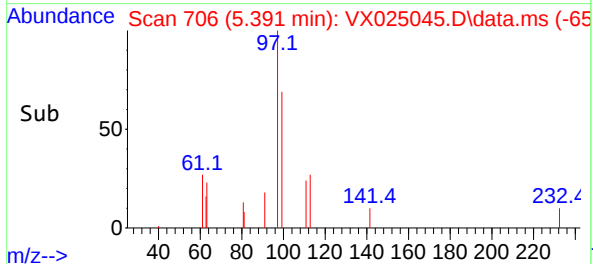
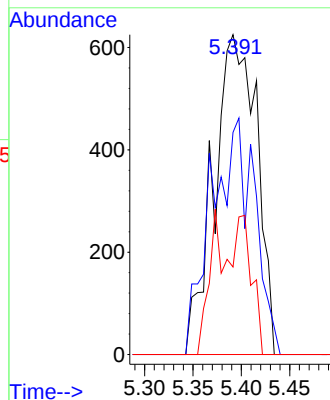
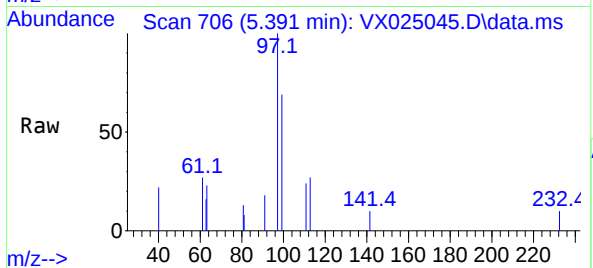
Ion	Ratio	Lower	Upper
97	100		
99	74.2	50.2	75.4
61	15.6	27.0	40.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Mahesh Dadoda 11/10/2021



#30

Cyclohexane

Concen: 0.223 ug/L

RT: 5.477 min Scan# 720

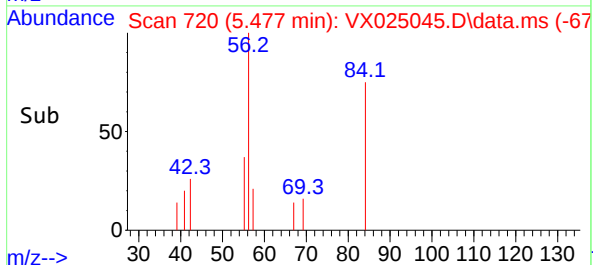
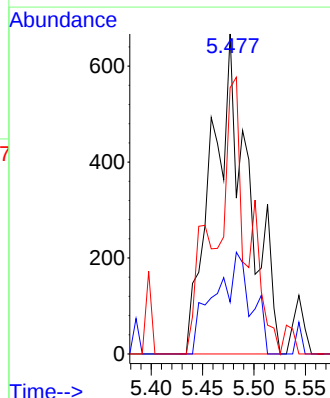
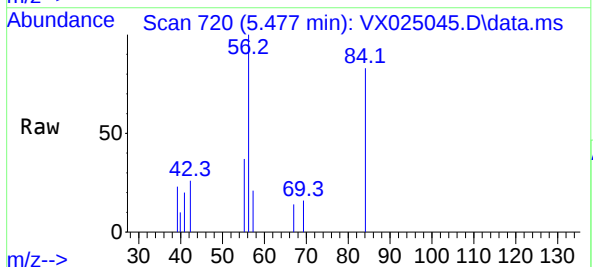
Delta R.T. 0.006 min

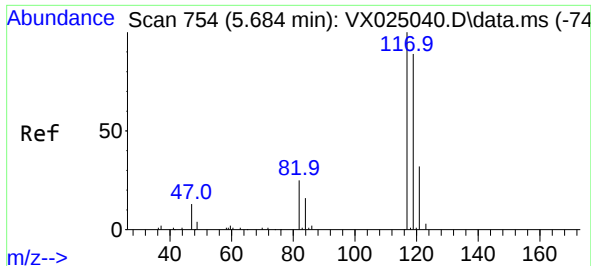
Lab File: VX025045.D

Acq: 02 Nov 2021 13:39

Tgt Ion: 56 Resp: 1644

Ion	Ratio	Lower	Upper
56	100		
69	31.5	27.1	40.7
84	23.8	81.0	121.4#





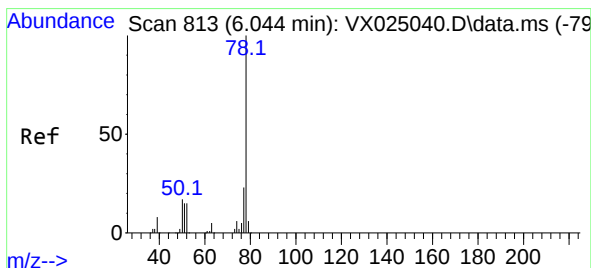
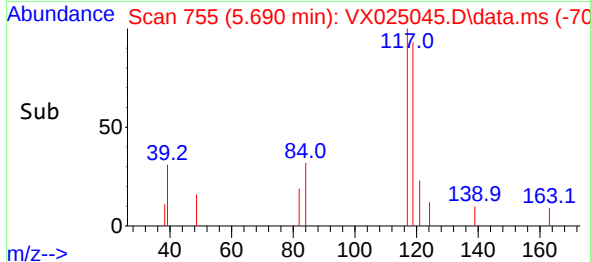
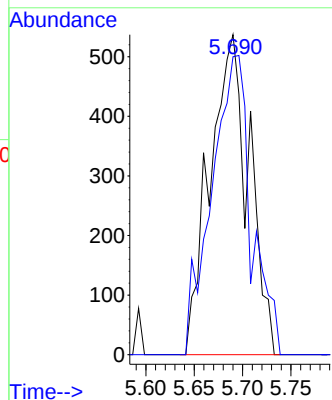
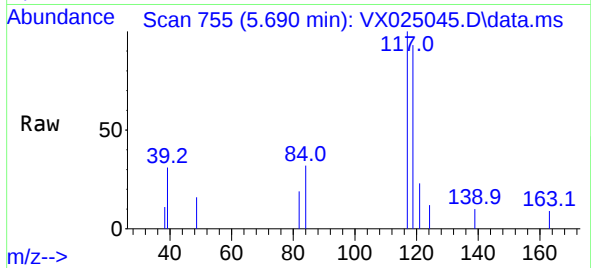
#31
Carbon tetrachloride
Concen: 0.148 ug/L
RT: 5.690 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Tgt Ion:117 Resp: 151
Ion Ratio Lower Upper
117 100
119 94.6 76.9 115.3

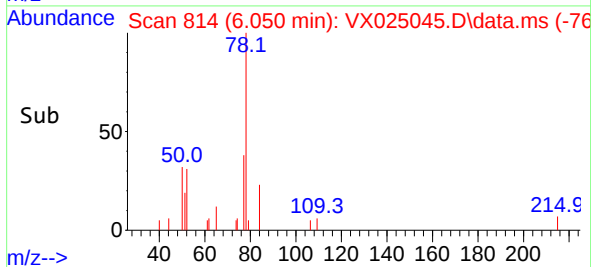
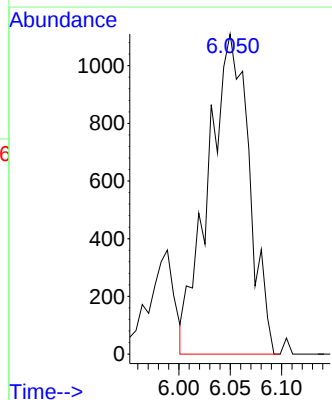
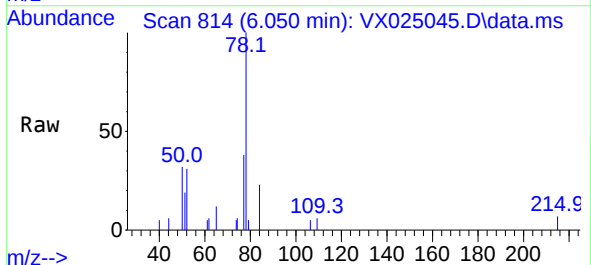
Manual Integrations
APPROVED

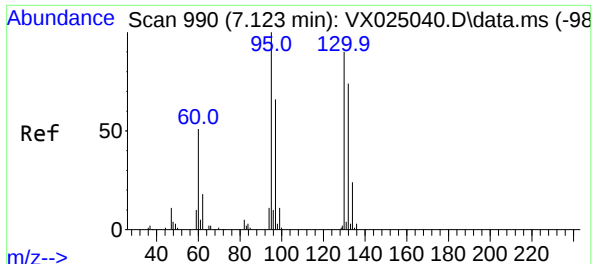
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/10/2021



#33
Benzene
Concen: 0.153 ug/L
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

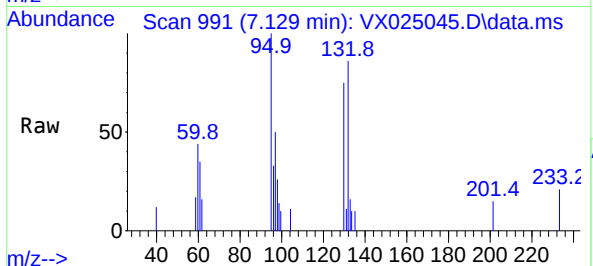
Tgt Ion: 78 Resp: 3063





#34
Trichloroethene
Concen: 0.189 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

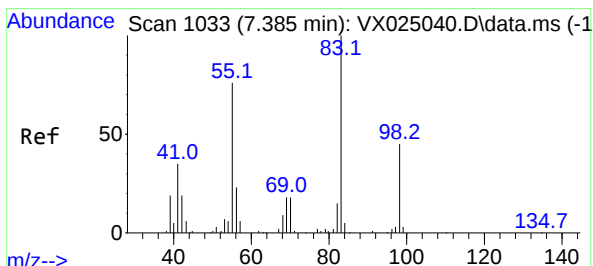
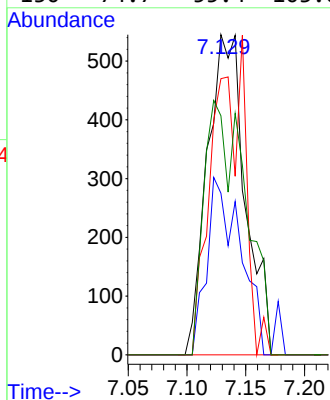
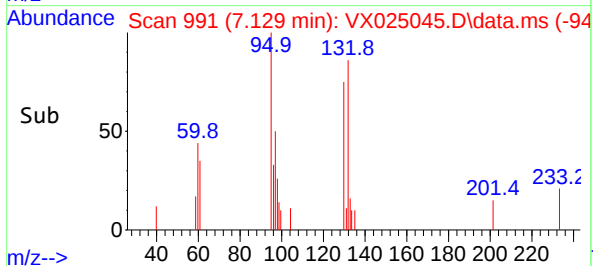
Instrument :
MSVOA_X
ClientSampleId :
MDL02



Tgt Ion: 95 Resp: 1229
Ion Ratio Lower Upper
95 100
97 50.5 46.6 86.6
132 86.2 58.4 108.6
130 74.7 55.4 103.0

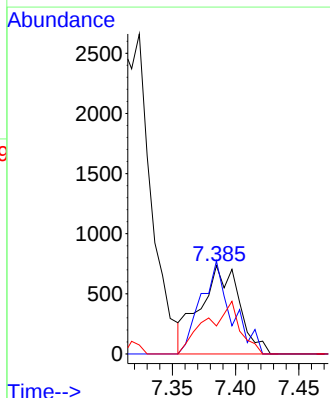
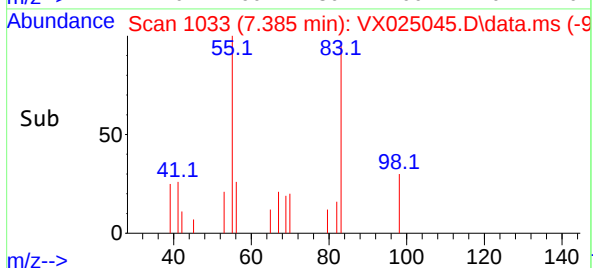
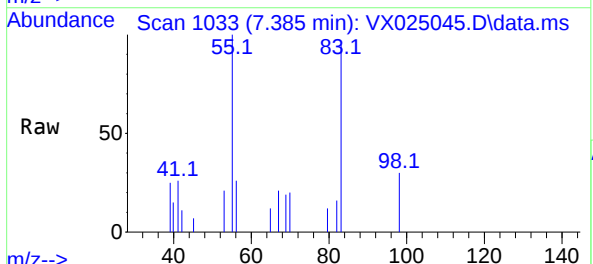
Manual Integrations
APPROVED

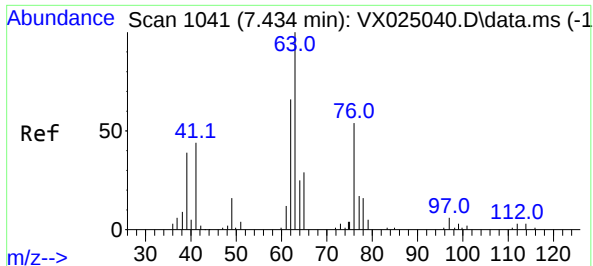
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/10/2021



#35
Methylcyclohexane
Concen: 0.174 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

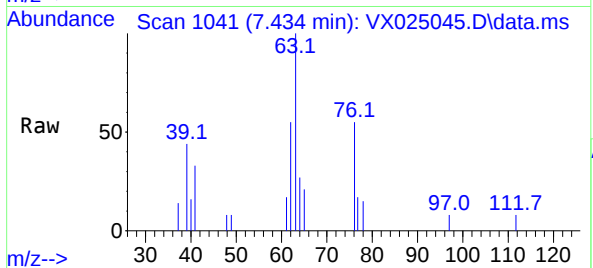
Tgt Ion: 83 Resp: 1584
Ion Ratio Lower Upper
83 100
55 81.8 55.7 83.5
98 51.2 38.3 57.5





#37
1,2-Dichloropropane
Concen: 0.214 ug/L
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

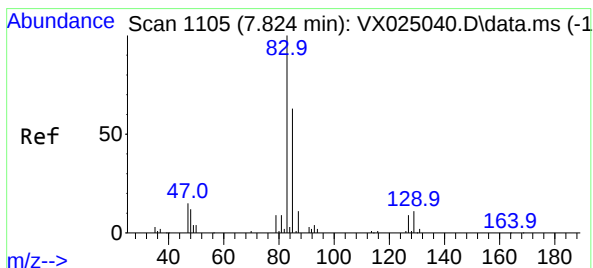
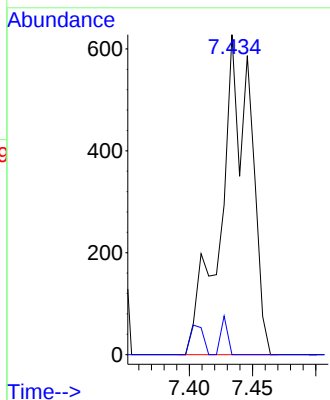
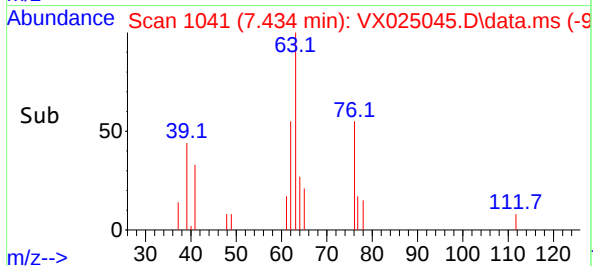
Instrument :
MSVOA_X
ClientSampleId :
MDL02



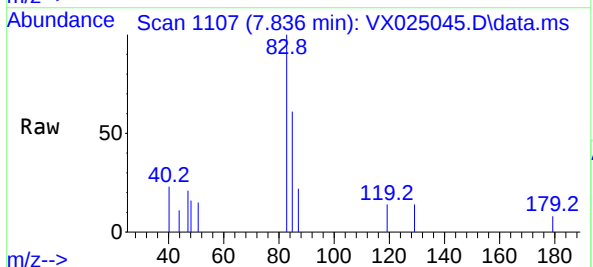
Tgt Ion: 63 Resp: 1041
Ion Ratio Lower Upper
63 100
112 2.7 3.5 5.3

Manual Integrations
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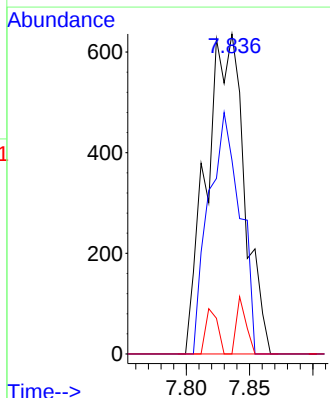
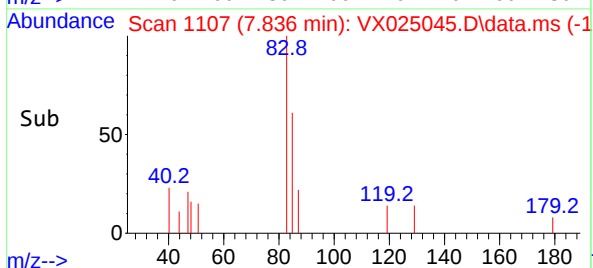
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/10/2021

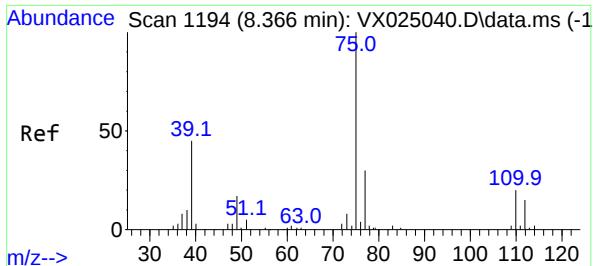


#38
Bromodichloromethane
Concen: 0.164 ug/L
RT: 7.836 min Scan# 1107
Delta R.T. 0.012 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39



Tgt Ion: 83 Resp: 1332
Ion Ratio Lower Upper
83 100
85 60.5 43.5 80.9
127 0.0 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 0.181 ug/L m

RT: 8.379 min Scan# 1194

Delta R.T. 0.012 min

Lab File: VX025045.D

Acq: 02 Nov 2021 13:39

Instrument :

MSVOA_X

ClientSampleId :

MDL02

Tgt Ion: 75 Resp: 149

Ion Ratio Lower Upper

75 100

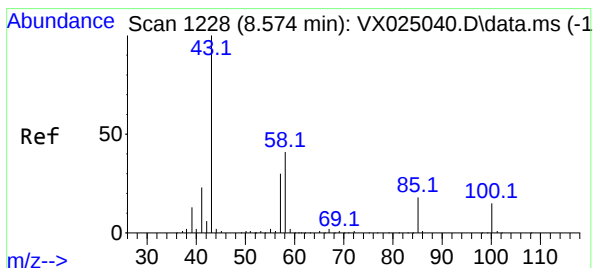
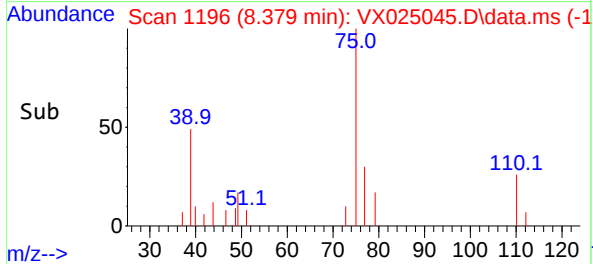
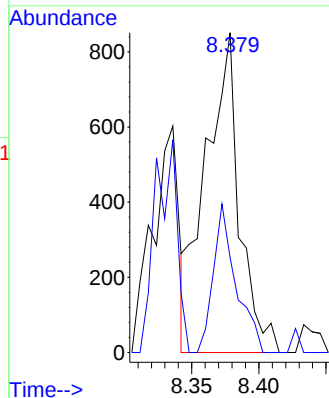
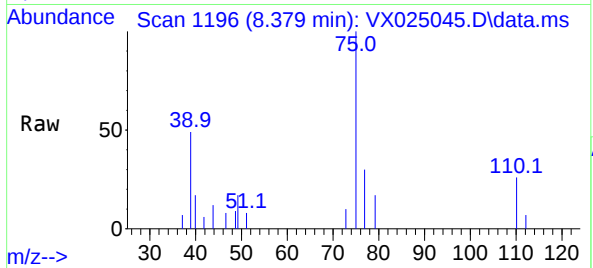
77 29.6 20.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Mahesh Dadoda 11/10/2021



#40

4-Methyl-2-pentanone

Concen: 1.863 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX025045.D

Acq: 02 Nov 2021 13:39

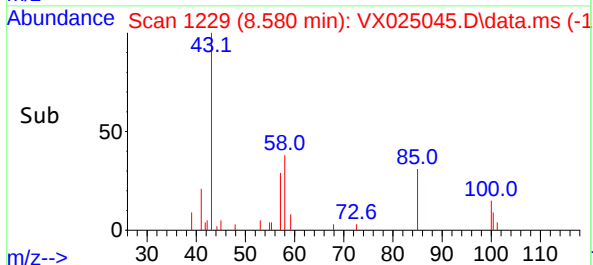
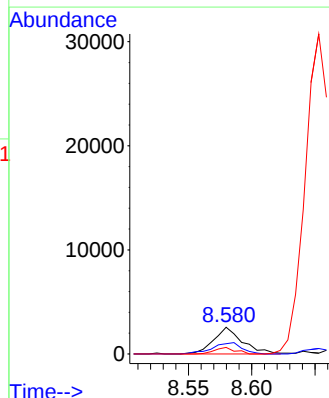
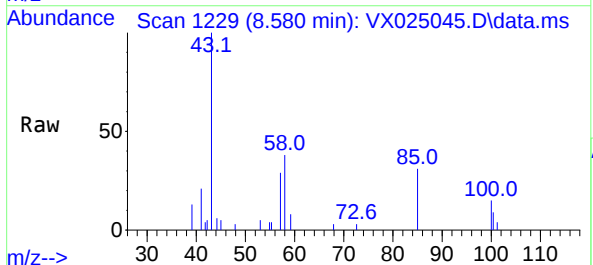
Tgt Ion: 43 Resp: 4051

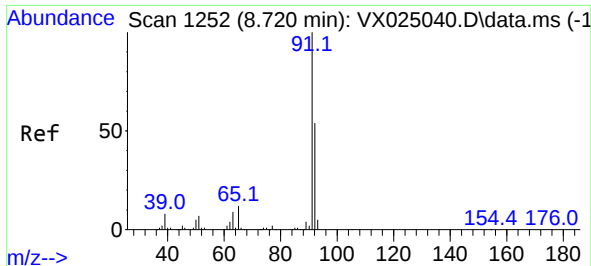
Ion Ratio Lower Upper

43 100

58 43.2 40.1 60.1

100 0.0 17.4 26.0#





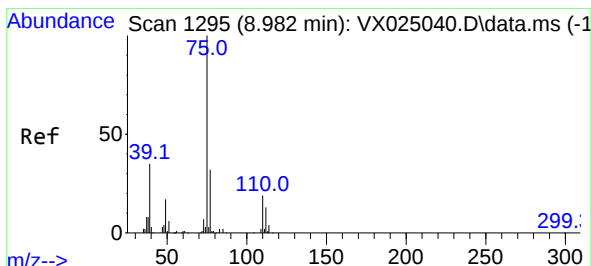
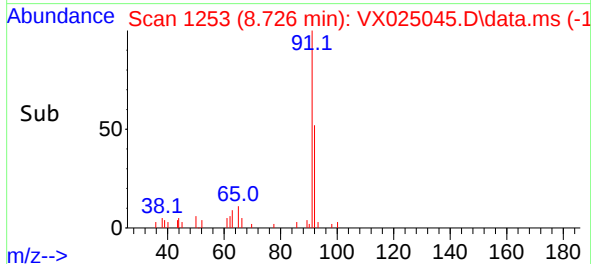
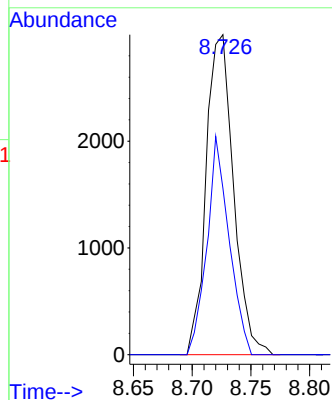
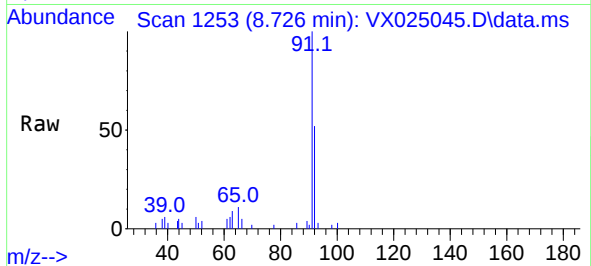
#42
Toluene
Concen: 0.208 ug/L
RT: 8.726 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Tgt Ion: 91 Resp: 485
Ion Ratio Lower Upper
91 100
92 52.0 39.1 72.5

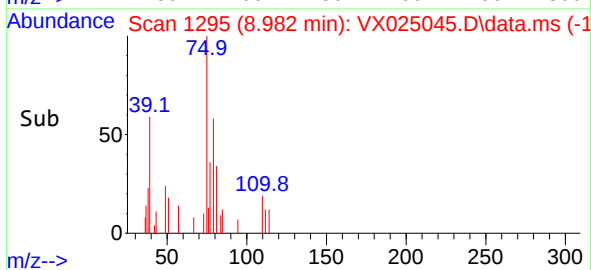
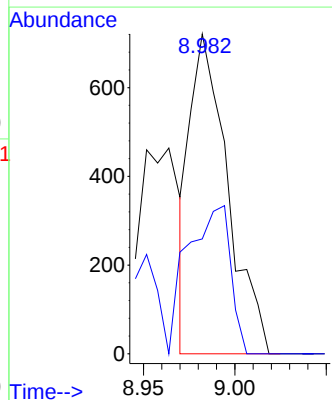
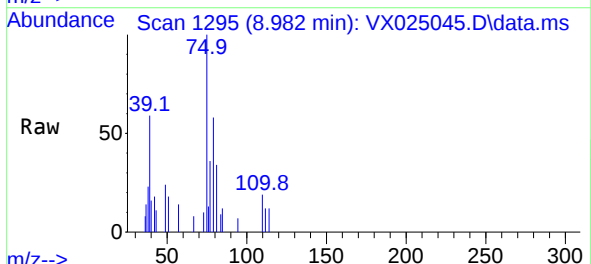
Manual Integrations
APPROVED

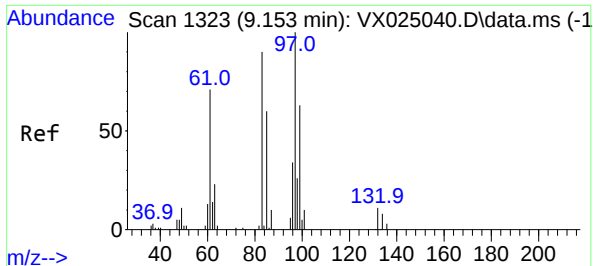
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/10/2021



#44
trans-1,3-Dichloropropene
Concen: 0.139 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

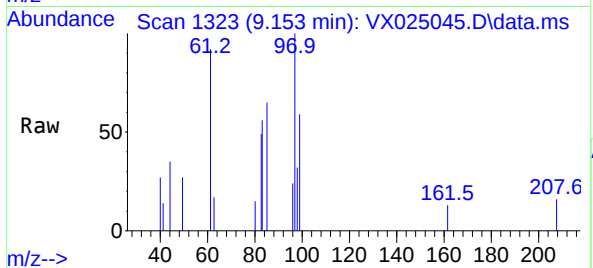
Tgt Ion: 75 Resp: 1034
Ion Ratio Lower Upper
75 100
77 35.9 23.4 43.4





#45
1,1,2-Trichloroethane
Concen: 0.138 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

Instrument : MSVOA_X
ClientSampleId : MDL02

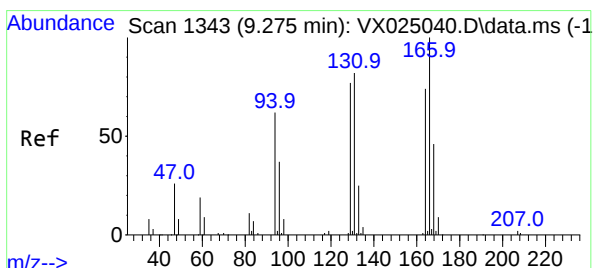
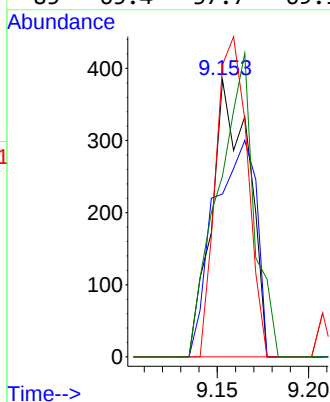
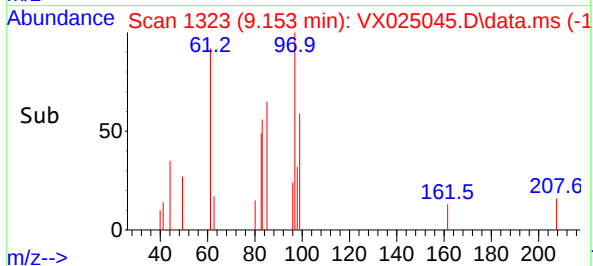


Tgt Ion: 97 Resp: 54

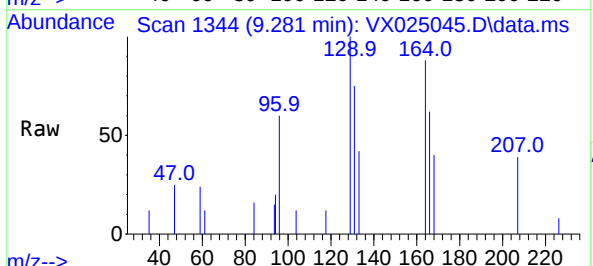
Ion	Ratio	Lower	Upper
97	100		
99	58.9	46.8	86.8
83	105.5	63.6	118.2
85	65.4	37.7	69.9

Manual Integrations
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Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/10/2021

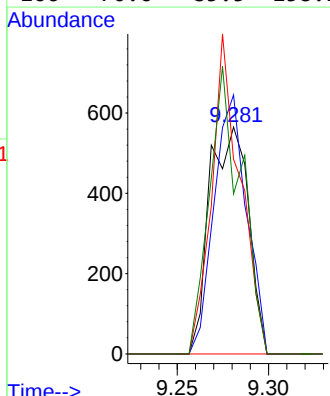
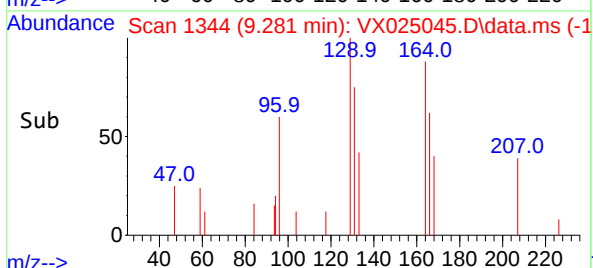


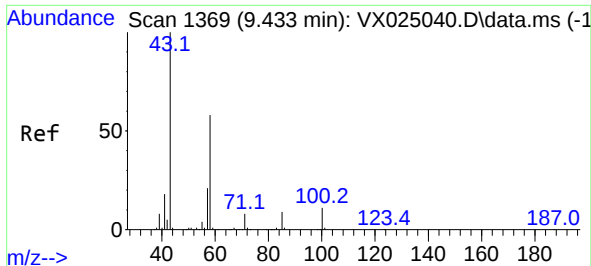
#47
Tetrachloroethene
Concen: 0.184 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39



Tgt Ion:164 Resp: 836

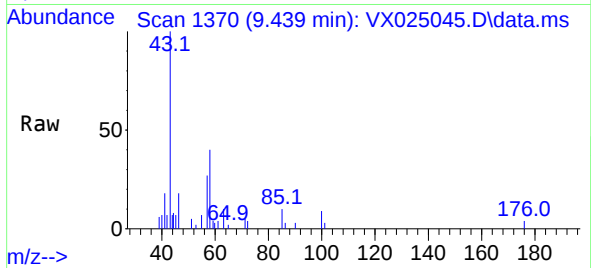
Ion	Ratio	Lower	Upper
164	100		
129	114.2	81.8	152.0
131	85.8	82.9	153.9
166	70.6	85.5	158.9





#48
2-Hexanone
Concen: 2.380 ug/L
RT: 9.439 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

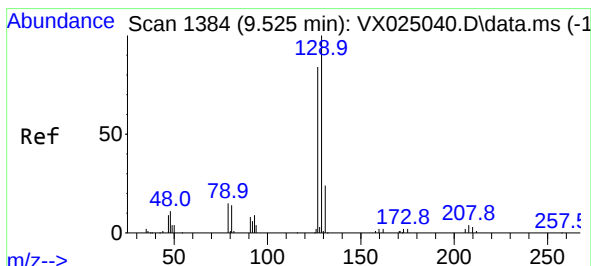
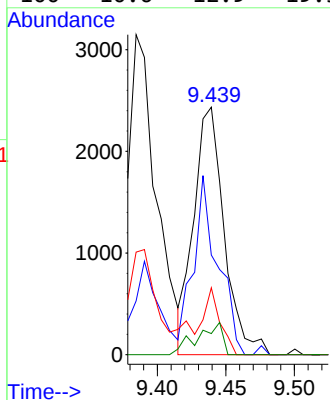
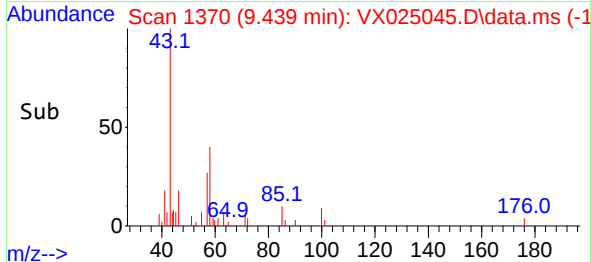
Instrument :
MSVOA_X
ClientSampleId :
MDL02



Tgt Ion: 43 Resp: 3778
Ion Ratio Lower Upper
43 100
58 58.0 52.7 79.1
57 19.7 21.2 31.8
100 10.6 12.9 19.3

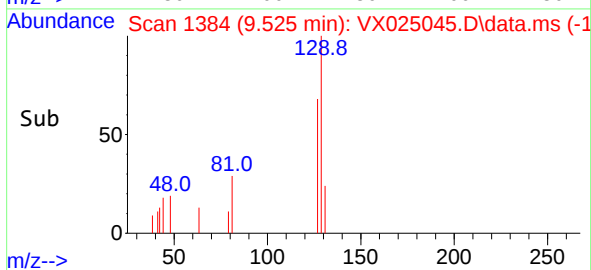
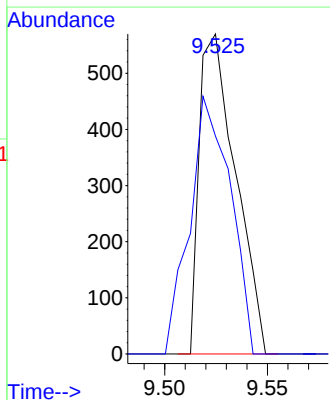
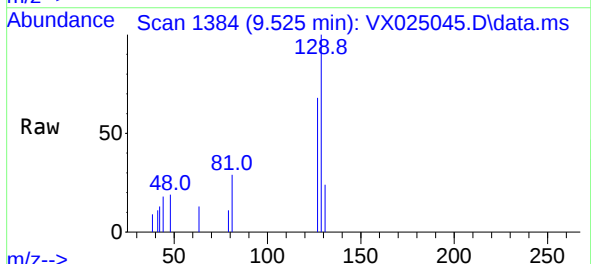
Manual Integrations
APPROVED

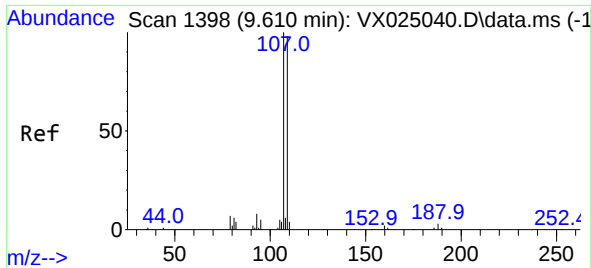
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/10/2021



#49
Dibromochloromethane
Concen: 0.137 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

Tgt Ion:129 Resp: 702
Ion Ratio Lower Upper
129 100
127 68.1 52.5 97.5





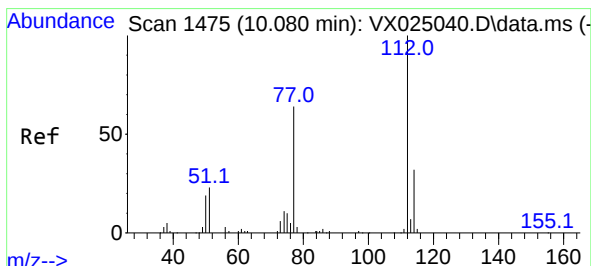
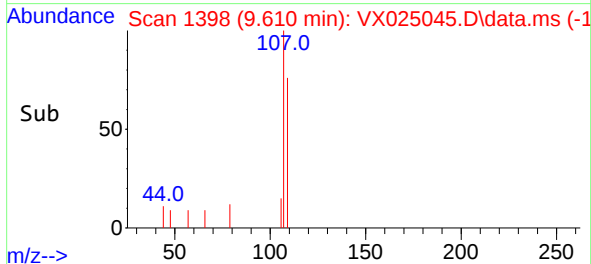
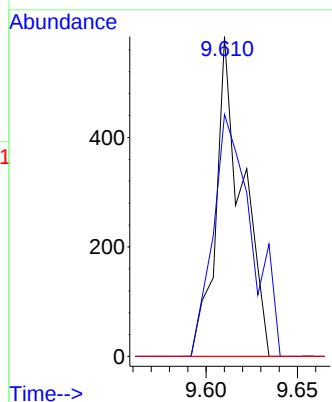
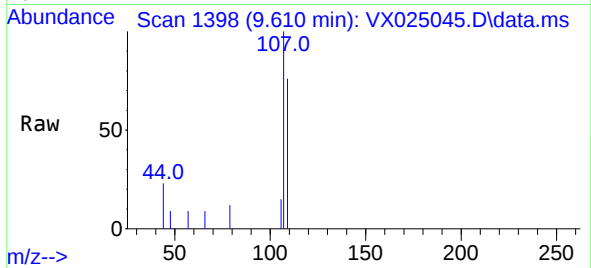
#50
1,2-Dibromoethane
Concen: 0.150 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Tgt Ion:107 Resp: 590
Ion Ratio Lower Upper
107 100
109 75.7 61.7 114.7
188 0.0 2.6 4.0

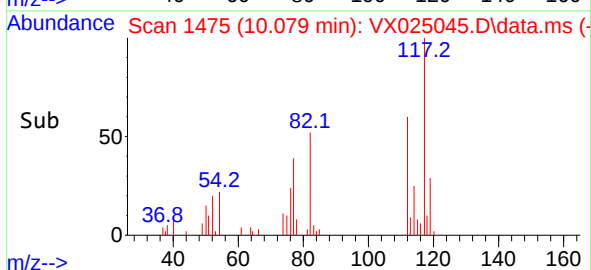
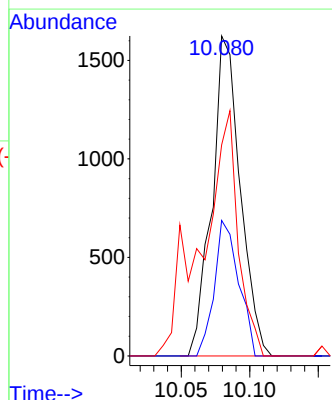
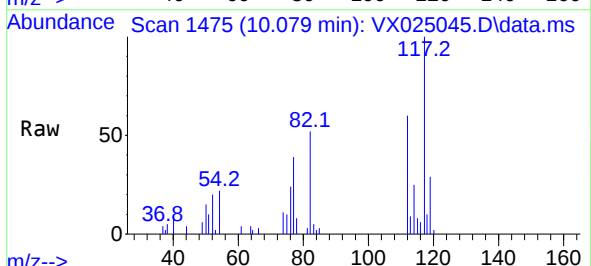
Manual Integrations
APPROVED

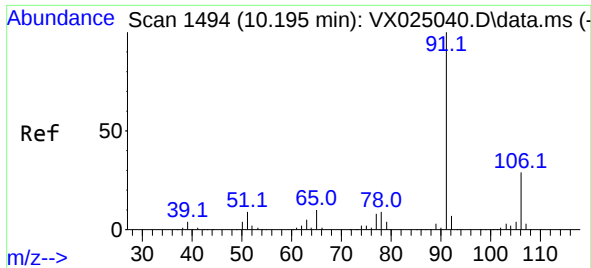
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/10/2021



#51
Chlorobenzene
Concen: 0.157 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

Tgt Ion:112 Resp: 2330
Ion Ratio Lower Upper
112 100
114 42.4 22.8 42.4
77 65.9 52.7 79.1





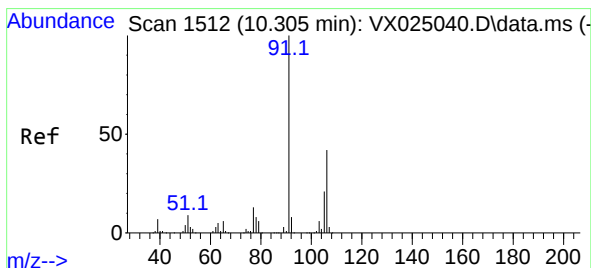
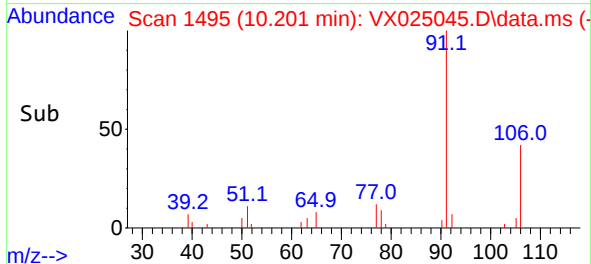
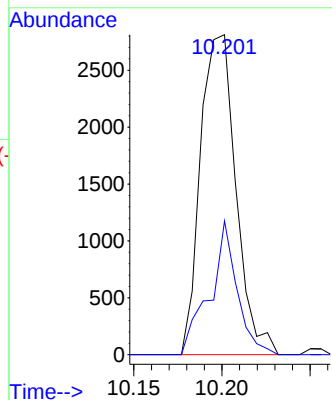
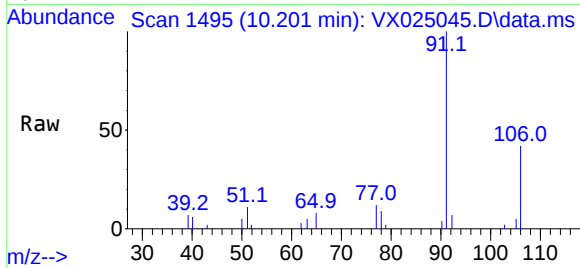
#52
Ethylbenzene
Concen: 0.143 ug/L m
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Tgt Ion: 91 Resp: 394
Ion Ratio Lower Upper
91 100
106 41.8 20.1 37.3

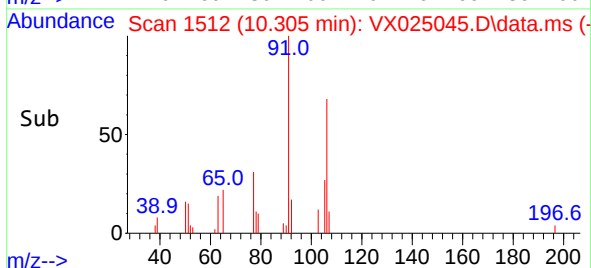
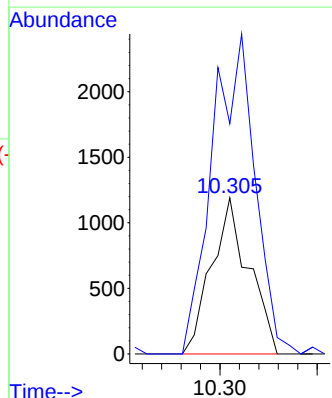
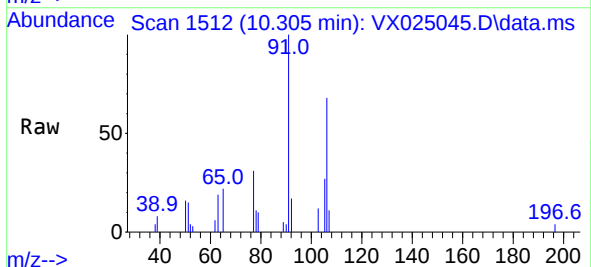
Manual Integrations
APPROVED

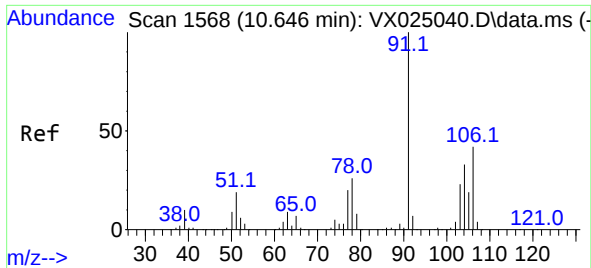
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/10/2021



#53
m,p-xylene
Concen: 0.162 ug/L m
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

Tgt Ion:106 Resp: 1588
Ion Ratio Lower Upper
106 100
91 147.4 161.7 300.3





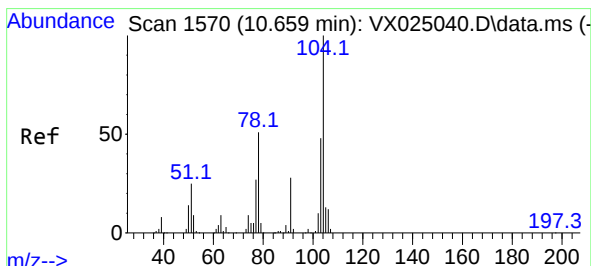
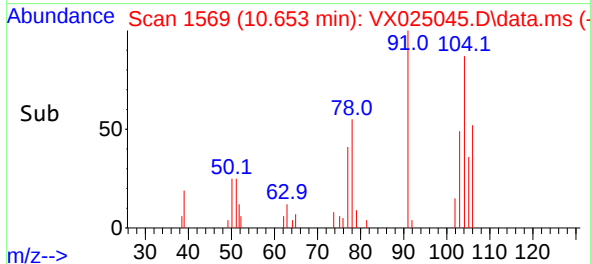
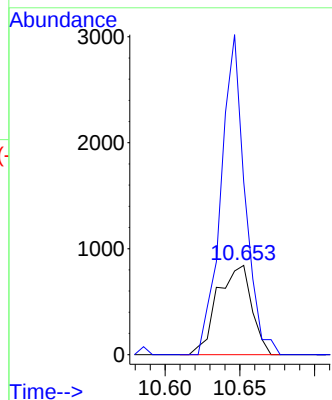
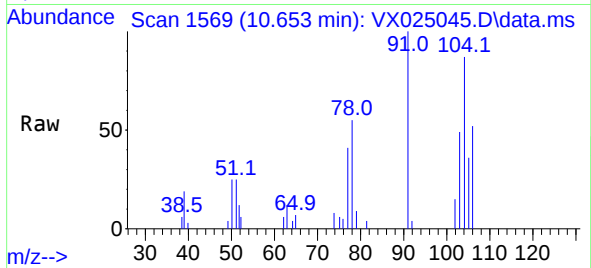
#54
o-xylene
Concen: 0.141 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Tgt Ion:106 Resp: 1339
Ion Ratio Lower Upper
106 100
91 193.5 172.9 321.1

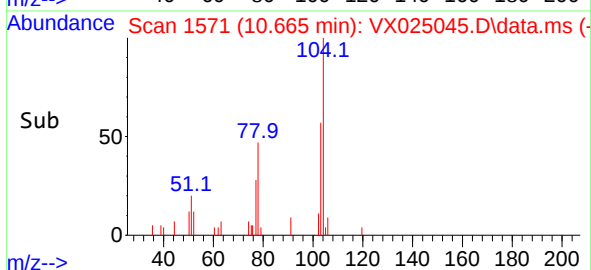
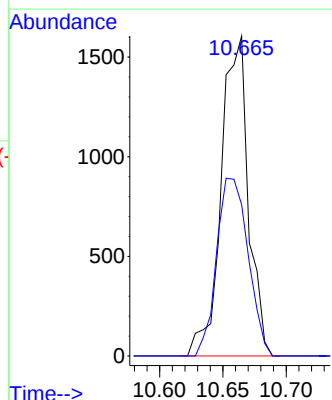
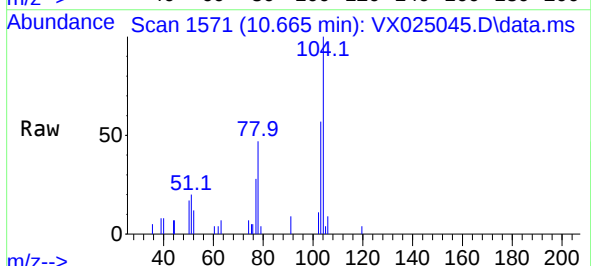
Manual Integrations
APPROVED

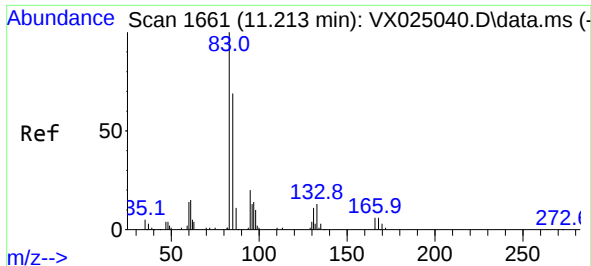
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/10/2021



#55
Styrene
Concen: 0.149 ug/L
RT: 10.665 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

Tgt Ion:104 Resp: 2389
Ion Ratio Lower Upper
104 100
78 47.3 37.1 68.9





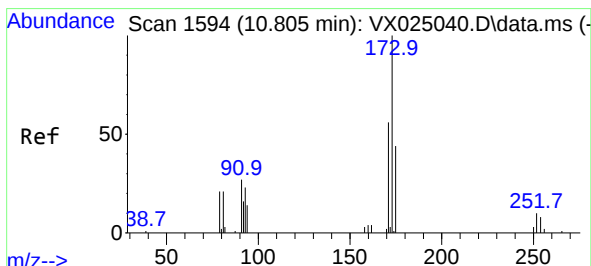
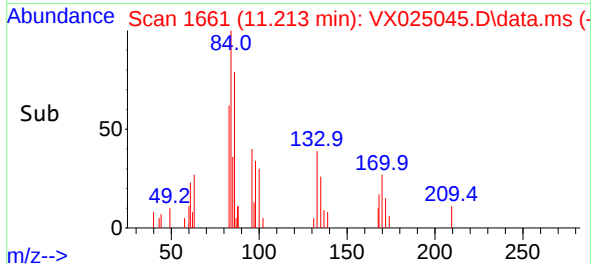
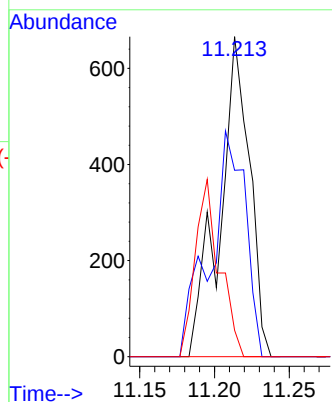
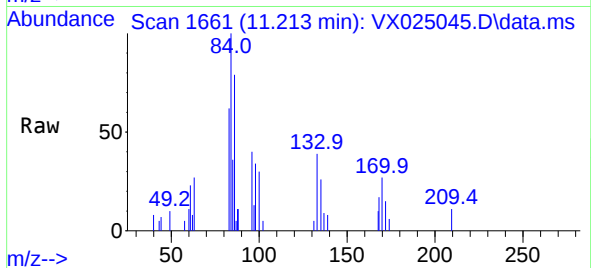
#57
1,1,2,2-Tetrachloroethane
Concen: 0.204 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Tgt Ion: 83 Resp: 920
Ion Ratio Lower Upper
83 100
85 58.3 44.9 83.5
131 8.3 7.7 11.5

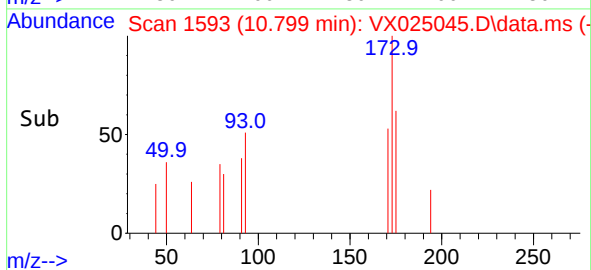
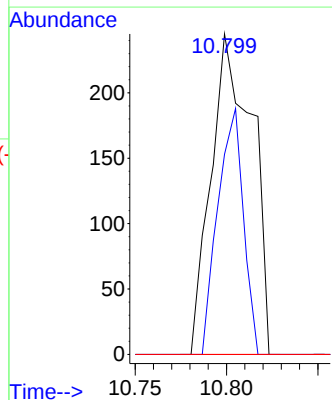
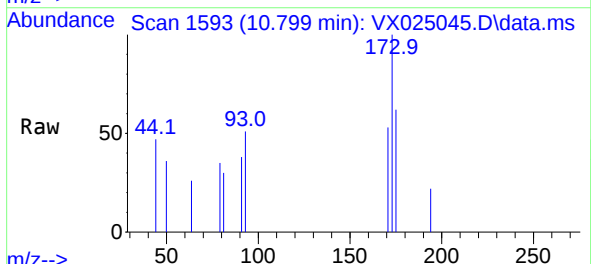
Manual Integrations
APPROVED

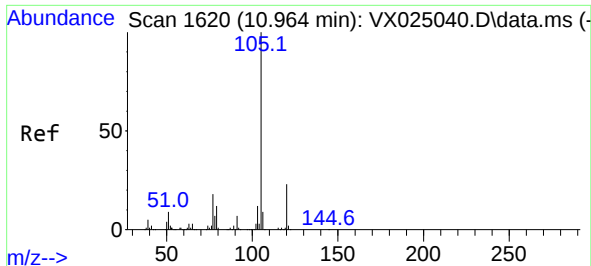
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/10/2021



#59
Bromoform
Concen: 0.164 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

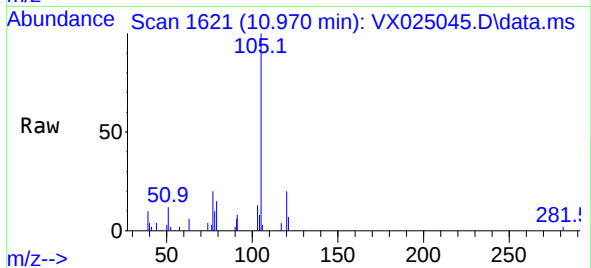
Tgt Ion:173 Resp: 380
Ion Ratio Lower Upper
173 100
175 48.2 38.4 57.6
254 0.0 4.6 7.0#





#60
Isopropylbenzene
Concen: 0.154 ug/L
RT: 10.970 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

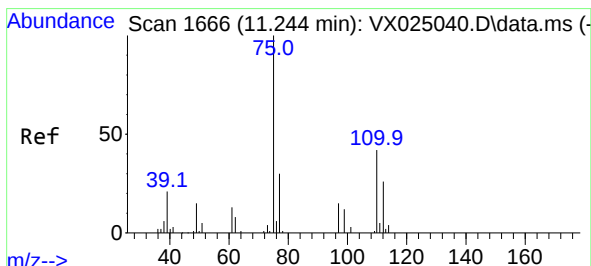
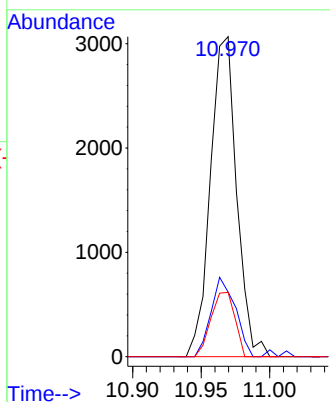
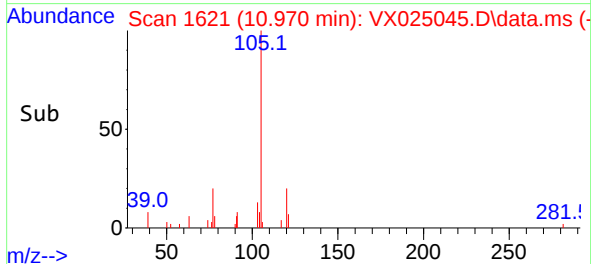
Instrument :
MSVOA_X
ClientSampleId :
MDL02



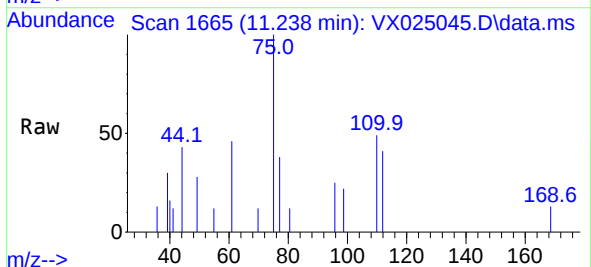
Tgt Ion:105 Resp: 4089
Ion Ratio Lower Upper
105 100
120 23.0 19.0 28.6
77 18.2 13.7 20.5

Manual Integrations
APPROVED

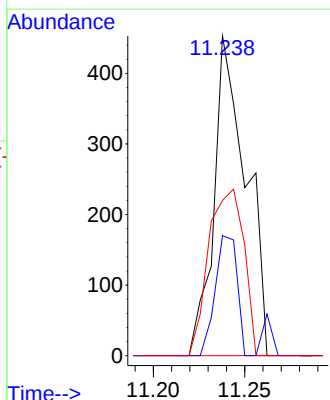
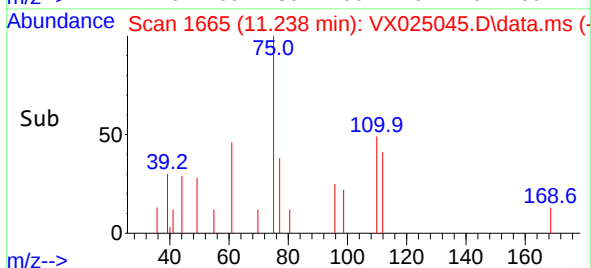
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/10/2021

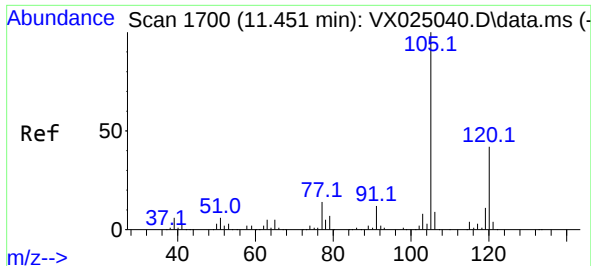


#61
1,2,3-Trichloropropane
Concen: 0.170 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39



Tgt Ion: 75 Resp: 553
Ion Ratio Lower Upper
75 100
77 25.7 28.1 42.1#
110 57.1 34.7 52.1#





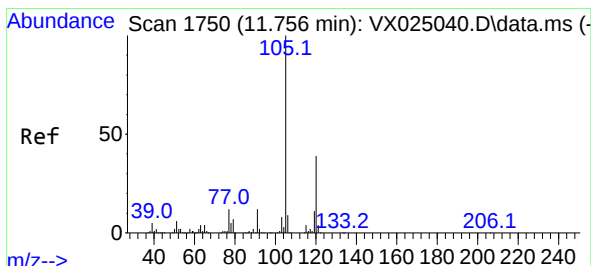
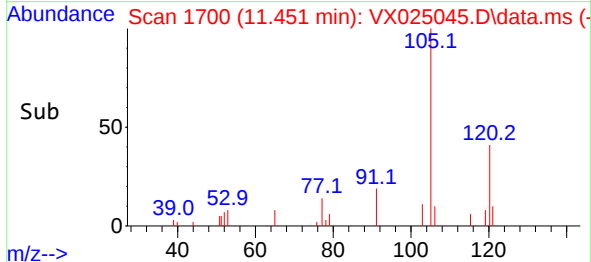
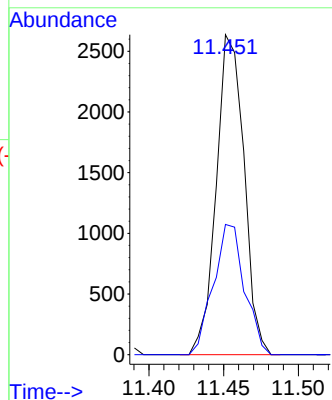
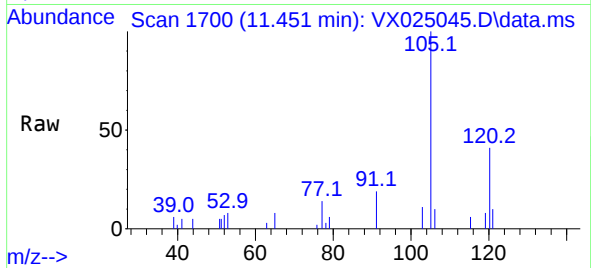
#62
1,3,5-Trimethylbenzene
Concen: 0.147 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Tgt Ion:105 Resp: 340
Ion Ratio Lower Upper
105 100
120 45.7 33.6 50.4

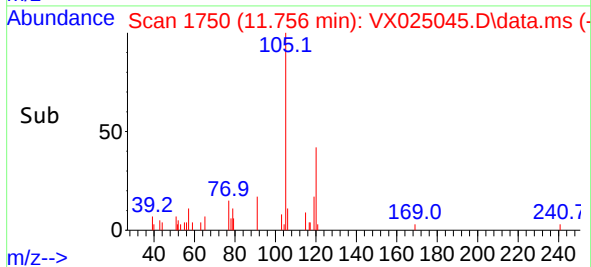
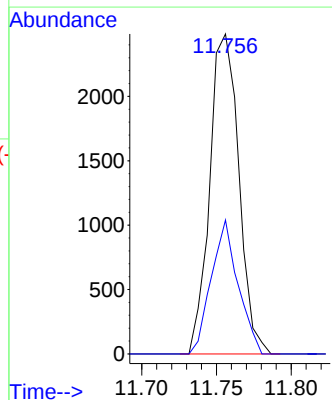
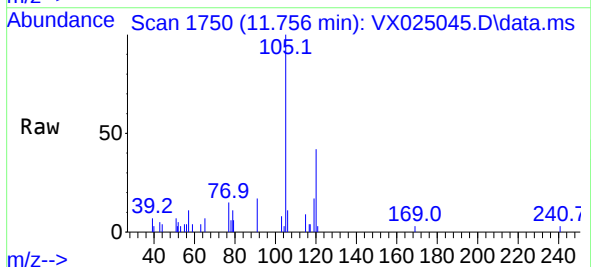
Manual Integrations
APPROVED

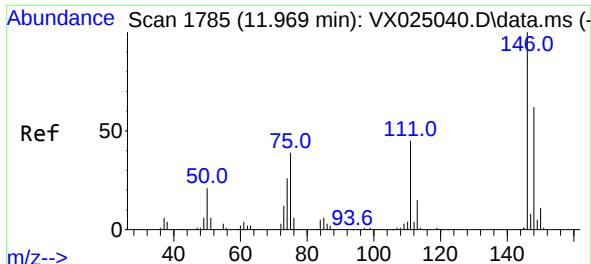
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/10/2021



#63
1,2,4-Trimethylbenzene
Concen: 0.142 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

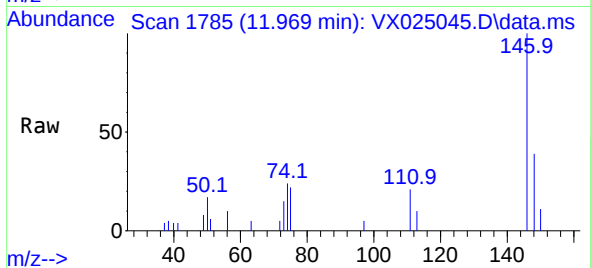
Tgt Ion:105 Resp: 3362
Ion Ratio Lower Upper
105 100
120 38.6 32.3 48.5





#64
1,3-Dichlorobenzene
Concen: 0.165 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

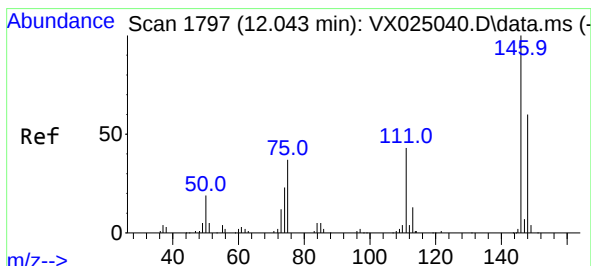
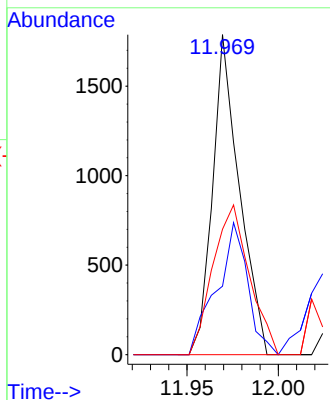
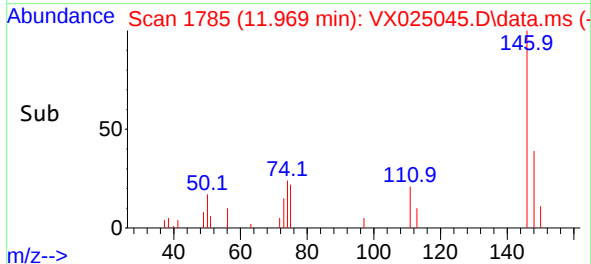
Instrument :
MSVOA_X
ClientSampleId :
MDL02



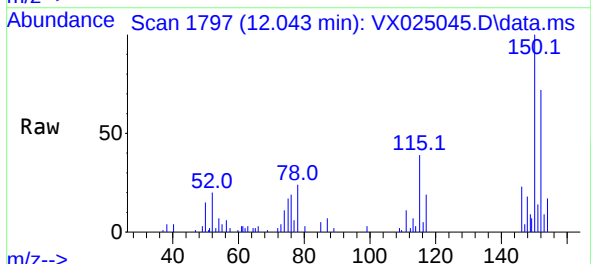
Tgt Ion:146 Resp: 1825
Ion Ratio Lower Upper
146 100
111 21.4 34.2 63.4
148 39.2 44.1 81.9

Manual Integrations
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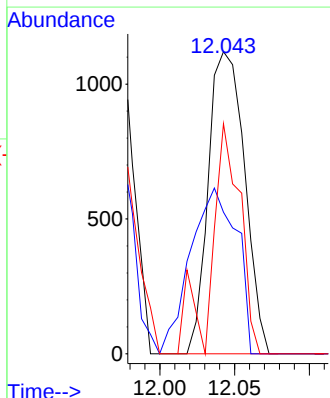
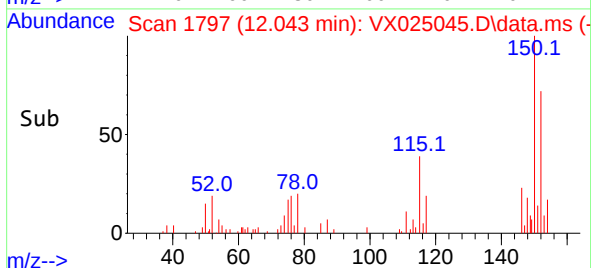
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/10/2021

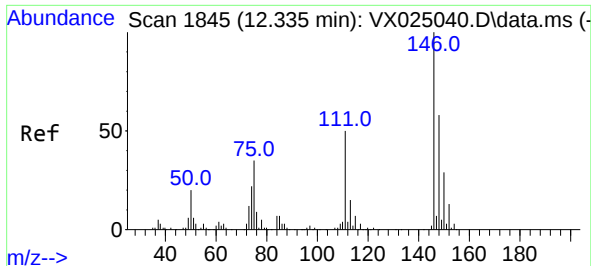


#65
1,4-Dichlorobenzene
Concen: 0.170 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39



Tgt Ion:146 Resp: 1889
Ion Ratio Lower Upper
146 100
111 46.9 32.6 60.6
148 76.2 43.3 80.3





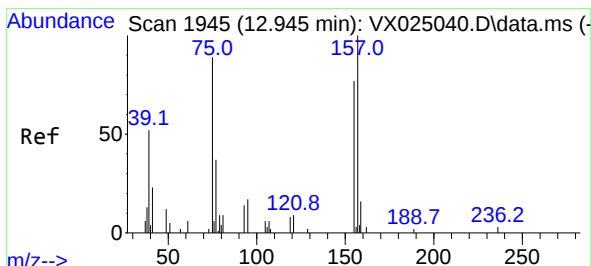
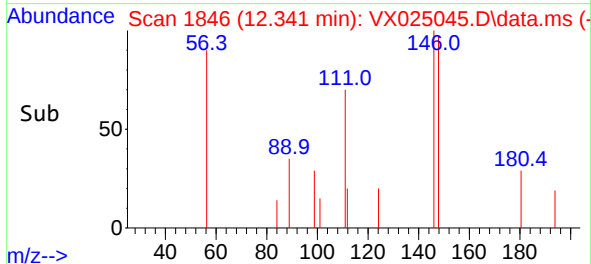
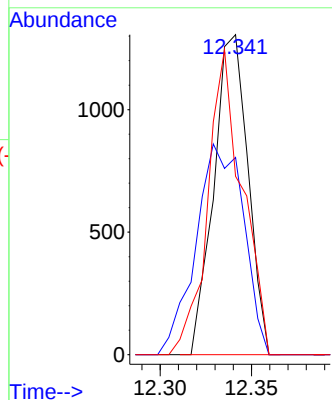
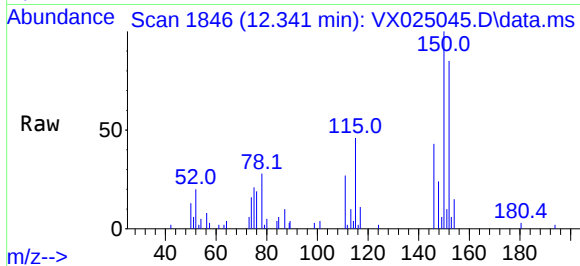
#67
1,2-Dichlorobenzene
Concen: 0.167 ug/L
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Tgt Ion:146 Resp: 1700
Ion Ratio Lower Upper
146 100
111 61.6 35.9 53.9#
148 55.7 53.1 79.7

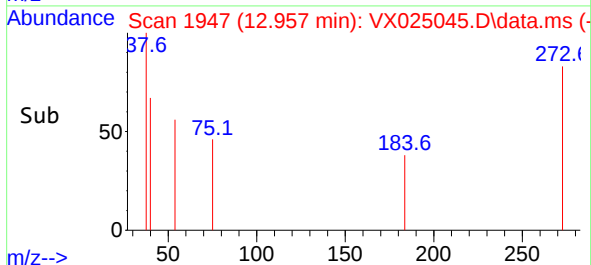
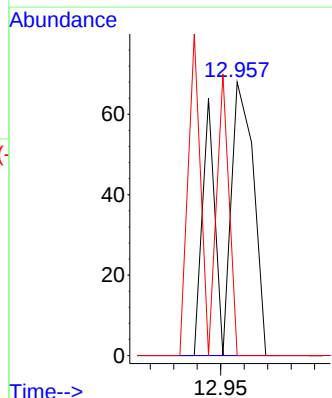
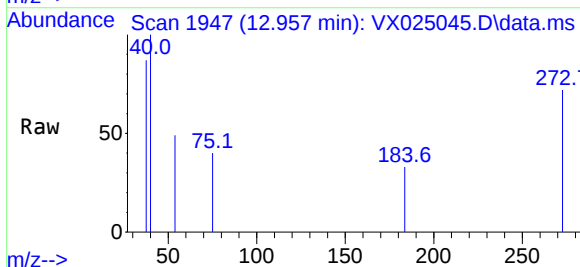
Manual Integrations
APPROVED

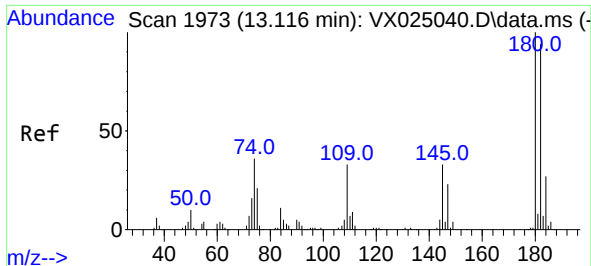
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/10/2021



#68
1,2-Dibromo-3-chloropropane
Concen: 0.086 ug/L
RT: 12.957 min Scan# 1947
Delta R.T. 0.012 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

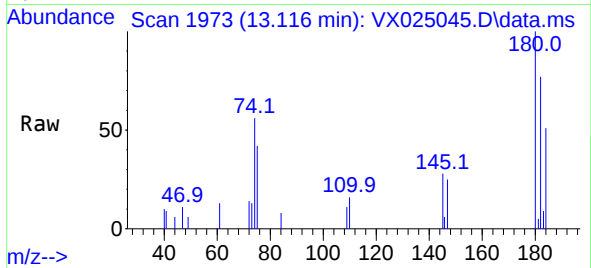
Tgt Ion: 75 Resp: 68
Ion Ratio Lower Upper
75 100
155 0.0 53.6 80.4#
157 0.0 82.2 123.4#





#69
1,3,5-Trichlorobenzene
Concen: 0.154 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

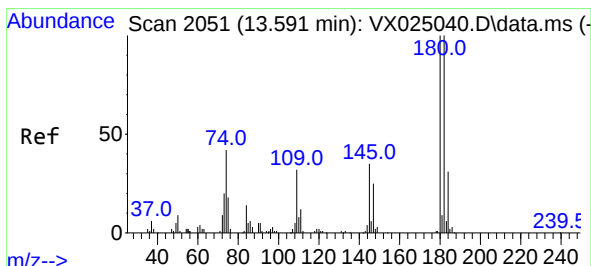
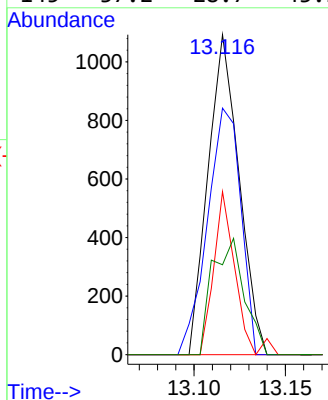
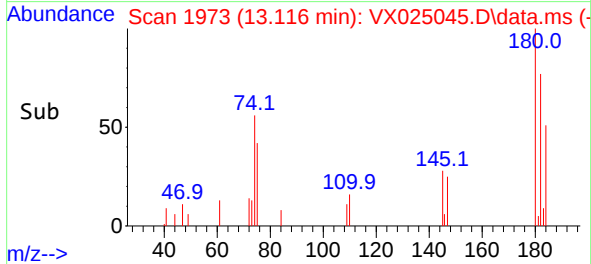
Instrument :
MSVOA_X
ClientSampleId :
MDL02



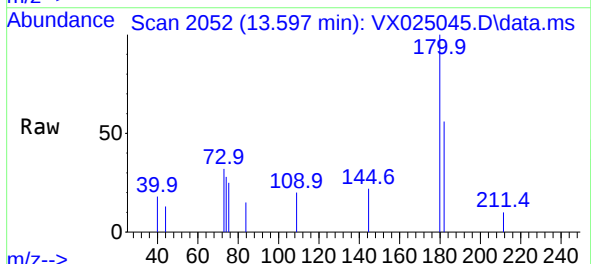
Tgt Ion:180 Resp: 129
Ion Ratio Lower Upper
180 100
182 82.7 74.6 111.8
184 35.3 24.0 36.0
145 37.2 28.7 43.1

Manual Integrations
APPROVED

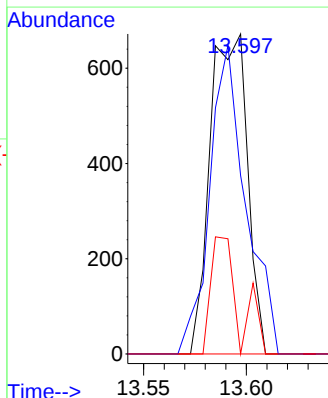
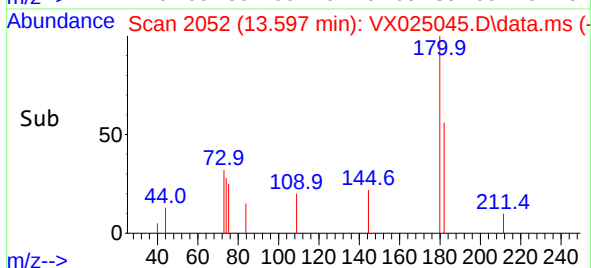
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/10/2021

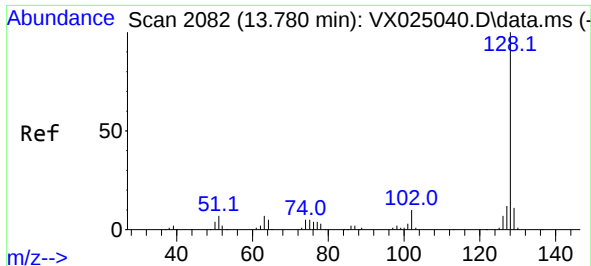


#70
1,2,4-trichlorobenzene
Concen: 0.127 ug/L
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39



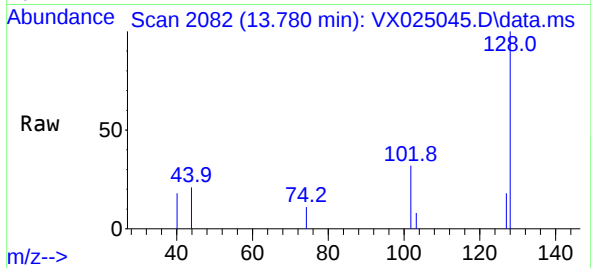
Tgt Ion:180 Resp: 846
Ion Ratio Lower Upper
180 100
182 93.7 72.1 108.1
145 27.5 27.1 40.7





#71
Naphthalene
Concen: 0.084 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39

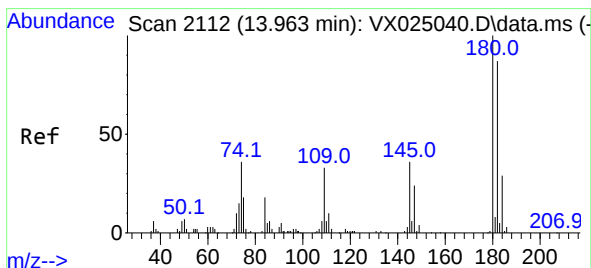
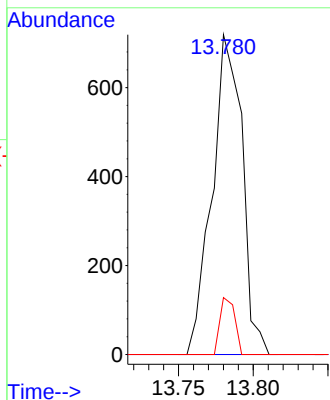
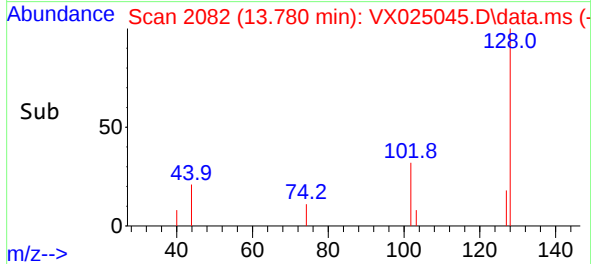
Instrument :
MSVOA_X
ClientSampleId :
MDL02



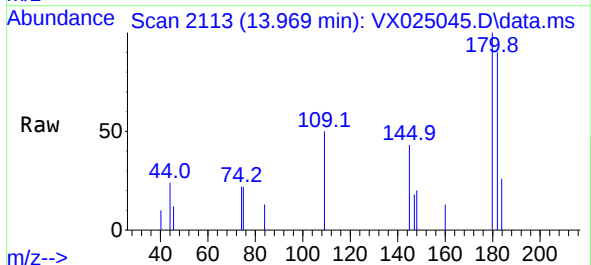
Tgt Ion:128 Resp: 1000
Ion Ratio Lower Upper
128 100
129 2.1 9.7 14.5
127 8.7 10.6 15.8

Manual Integrations
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Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/10/2021



#72
1,2,3-Trichlorobenzene
Concen: 0.108 ug/L
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX025045.D
Acq: 02 Nov 2021 13:39



Tgt Ion:180 Resp: 648
Ion Ratio Lower Upper
180 100
182 111.9 77.1 115.7
145 29.6 29.4 44.0

