

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110321\
 Data File : VU045527.D
 Acq On : 03 Nov 2021 17:27
 Operator : SY/MD
 Sample : MDL02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

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

Quant Time: Nov 09 07:57:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 07:37:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	162281	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	159480	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	72354	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	64976	4.812	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.200%
7) Chloroethane-d5	1.915	69	39554	4.592	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.571	65	25320	4.802	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	4.639	46	197877	53.350	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.700%
24) Chloroform-d	5.070	84	108525	4.921	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.706	65	61778	5.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	5.732	84	232626	4.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.693	67	75462	4.863	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.902	98	201653	4.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	8.182	79	29314	4.673	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.635	63	166578	47.112	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.220%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	63558	4.695	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	71229	5.180	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	2852	0.199	ug/L	94
3) Chloromethane	1.520	50	4636	0.272	ug/L	92
5) Vinyl chloride	1.607	62	3648	0.224	ug/L #	73
6) Bromomethane	1.861	94	1604	0.218	ug/L	95
8) Chloroethane	1.938	64	1318	0.179	ug/L	93
9) Trichlorofluoromethane	2.144	101	2510	0.187	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	2836	0.269	ug/L #	80
12) 1,1-Dichloroethene	2.584	96	2566	0.250	ug/L #	1
13) Acetone	2.655	43	5294	2.497	ug/L	99
14) Carbon disulfide	2.796	76	7594	0.209	ug/L #	92
15) Methyl Acetate	2.964	43	1109	0.203	ug/L #	68
16) Methylene chloride	3.050	84	3339	0.257	ug/L	91
17) Methyl tert-butyl Ether	3.369	73	5848	0.201	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	2385	0.207	ug/L	92
19) 1,1-Dichloroethane	3.874	63	4148	0.198	ug/L	93
21) 2-Butanone	4.722	43	7695m	2.270	ug/L	
22) cis-1,2-Dichloroethene	4.677	96	2480	0.215	ug/L	91
23) Bromochloromethane	4.980	128	1106	0.217	ug/L	87
25) Chloroform	5.092	83	4423	0.220	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	2838	0.226	ug/L #	72
29) 1,1,1-Trichloroethane	5.317	97	3362	0.206	ug/L	94
30) Cyclohexane	5.394	56	4051	0.202	ug/L	98
31) Carbon tetrachloride	5.529	117	2488	0.187	ug/L	99
33) Benzene	5.780	78	10160	0.213	ug/L	100
34) Trichloroethene	6.546	95	2251	0.185	ug/L	91
35) Methylcyclohexane	6.767	83	4248	0.200	ug/L	95
37) 1,2-Dichloropropane	6.793	63	2491	0.196	ug/L #	87
38) Bromodichloromethane	7.115	83	2712	0.190	ug/L	95
39) cis-1,3-Dichloropropene	7.610	75	3514	0.192	ug/L	91
40) 4-Methyl-2-pentanone	7.796	43	15850	1.862	ug/L #	85
42) Toluene	7.973	91	13418	0.258	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	3047	0.191	ug/L #	73
45) 1,1,2-Trichloroethane	8.407	97	1616	0.176	ug/L	93
47) Tetrachloroethene	8.558	164	1520	0.174	ug/L	92
48) 2-Hexanone	8.687	43	19565	3.139	ug/L	98
49) Dibromochloromethane	8.816	129	1797	0.199	ug/L	95
50) 1,2-Dibromoethane	8.928	107	1754	0.214	ug/L #	94
51) Chlorobenzene	9.449	112	6199	0.202	ug/L	98
52) Ethylbenzene	9.574	91	10280	0.192	ug/L	96
53) m,p-Xylene	9.697	106	3904	0.188	ug/L	98
54) o-Xylene	10.102	106	3669	0.181	ug/L	94
55) Styrene	10.118	104	5841	0.174	ug/L	86
57) 1,1,2,2-Tetrachloroethane	10.787	83	2399	0.195	ug/L #	99
59) Bromoform	10.298	173	870	0.194	ug/L #	93
60) Isopropylbenzene	10.487	105	9412	0.201	ug/L	96
61) 1,2,3-Trichloropropane	10.825	75	1692	0.210	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	7492	0.188	ug/L	97
63) 1,2,4-Trimethylbenzene	11.471	105	7550	0.189	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	4733	0.220	ug/L	92
65) 1,4-Dichlorobenzene	11.838	146	4747	0.220	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	4539	0.219	ug/L	95
69) 1,3,5-Trichlorobenzene	13.220	180	3331	0.210	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	2919	0.207	ug/L	96
71) Naphthalene	14.089	128	5745	0.189	ug/L	98
72) 1,2,3-Trichlorobenzene	14.333	180	2781	0.208	ug/L	90

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

Manual Integrations

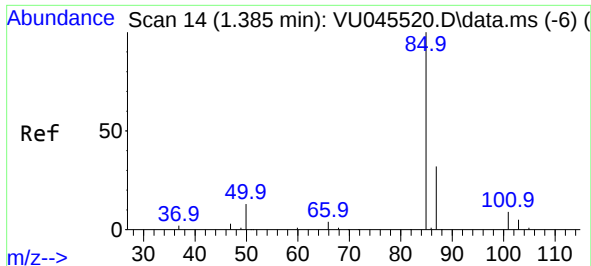
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021

Abundance

TIC: VU045527.D\data.ms

Time-->

Chloroacetaldehyde, T
Vinyl chloride, T
Chloroethane-d5, S
Chloroethane, T
Trichloroethane, T
Acetone, T
1,1-Dichloroethane-d2, S
1,1-Dichloroethane, T
Carbon disulfide, T
Methylene chloride, T
Methyl acetate, T
1,1-Dichloroethane, T
2-Butanone-d5, S
2-Butanone, T
Bromochloroethane, T
1,1,1-Trichloroethane, T
Carbon tetrachloride, T
1,2-Dichloroethane, T
Benzene-d6, S
Benzene, T
1,4-Difluorobenzene, I
1,2-Dichloropropane-d6, S
1,2-Dichloropropane, T
Trichloroethene, T
1,2-Dichloropropane, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
4-Methyl-2-Pentanone, T
Toluene, T
trans-1,3-Dichloropropene, T
1,1,2-Trichloroethane, T
1,2-Dichloroethane, T
1,2-Dichlorobenzene, T
Chlorobenzene, T
Ethylbenzene, T
m,p-Xylene, I
Bromodiform, T
Isopropylbenzene
1,1,1,2-Tetrachloroethane, T
1,1,2,2-Tetrachloroethane-d2, S
1,3,5-Trimethylbenzene
1,2,4-Trimethylbenzene
1,3-Dichlorobenzene, T
1,4-Dichlorobenzene, T
1,2-Dichlorobenzene, T
1,3,5-Trichlorobenzene, MA
1,2,4-trichlorobenzene, T
Naphthalene, MA
1,2,3-Trichlorobenzene, T



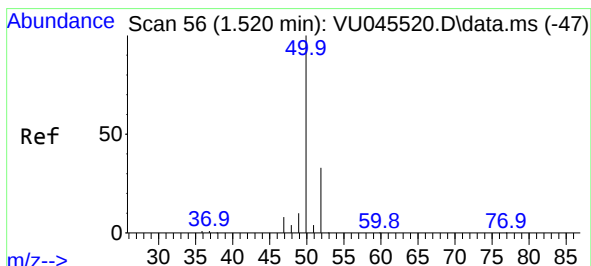
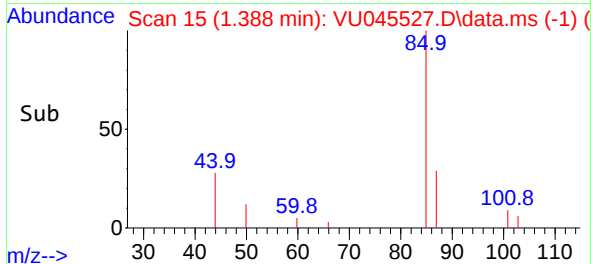
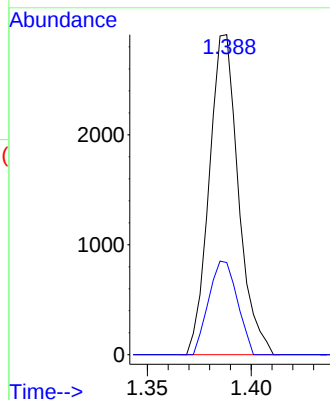
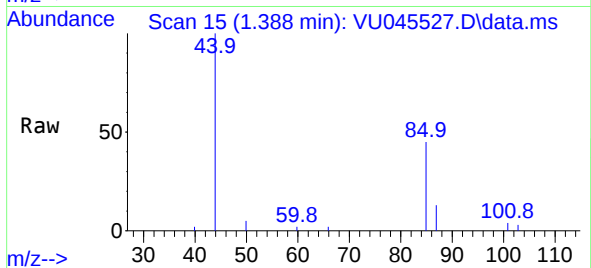
#2
Dichlorodifluoromethane
Concen: 0.199 ug/L
RT: 1.388 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 85 Resp: 285
Ion Ratio Lower Upper
85 100
87 28.5 25.6 38.4

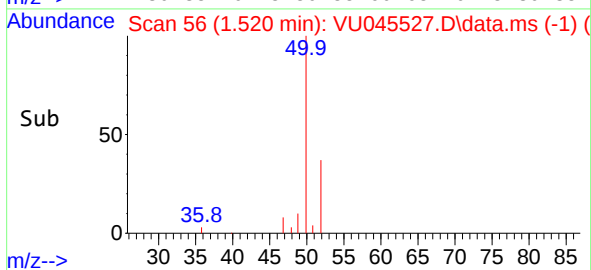
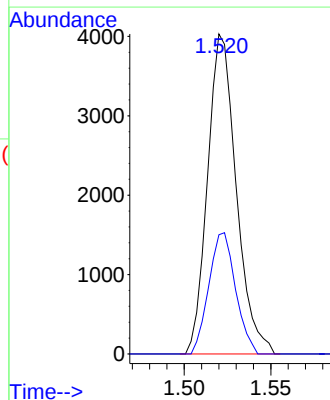
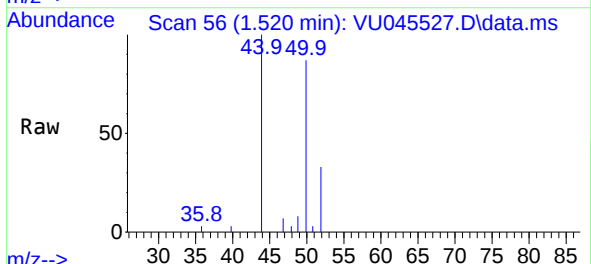
Manual Integrations
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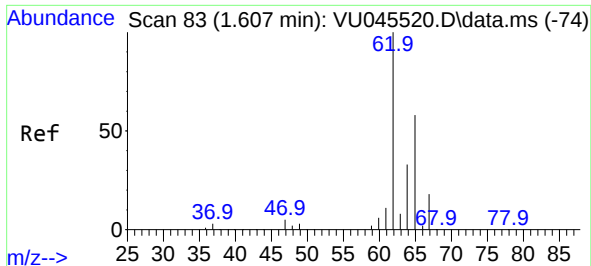
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021



#3
Chloromethane
Concen: 0.272 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

Tgt Ion: 50 Resp: 4636
Ion Ratio Lower Upper
50 100
52 37.3 23.1 42.9





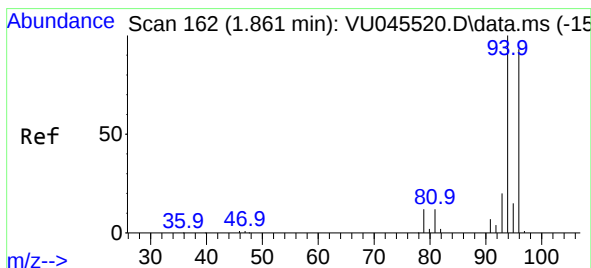
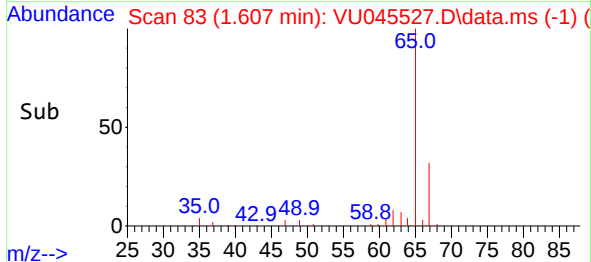
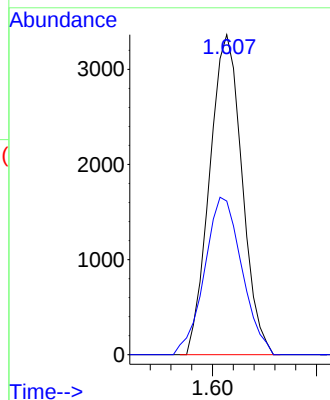
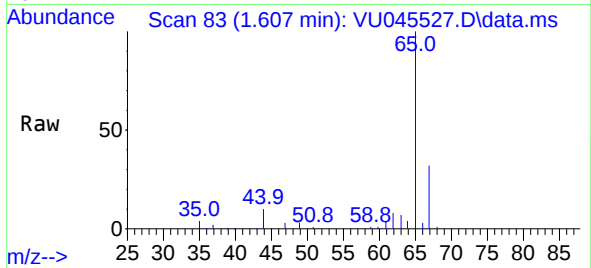
#5
 Vinyl chloride
 Concen: 0.224 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU045527.D
 Acq: 03 Nov 2021 17:27

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

Tgt Ion: 62 Resp: 364
 Ion Ratio Lower Upper
 62 100
 64 48.0 23.0 42.6

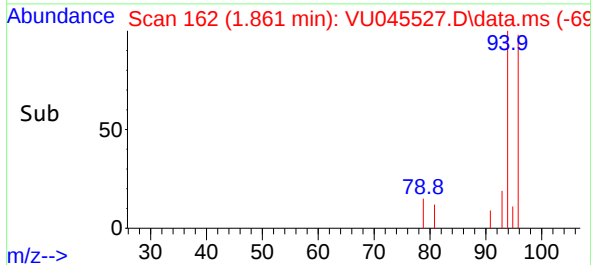
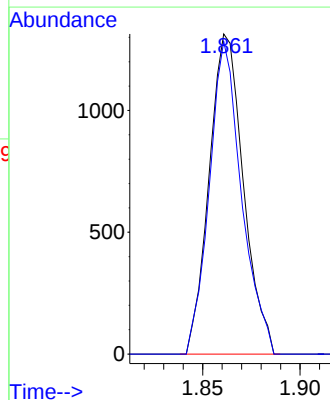
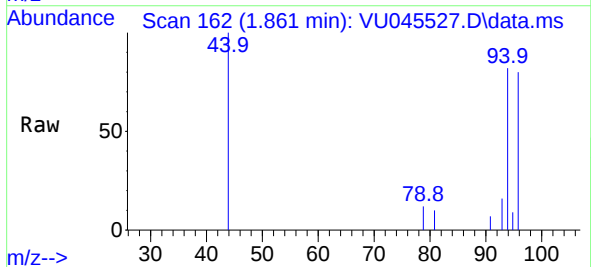
Manual Integrations
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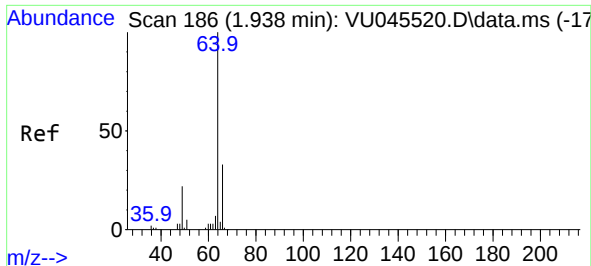
Reviewed By :John Carlone 11/11/2021
 Supervised By :Mahesh Dadoda 11/11/2021



#6
 Bromomethane
 Concen: 0.218 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU045527.D
 Acq: 03 Nov 2021 17:27

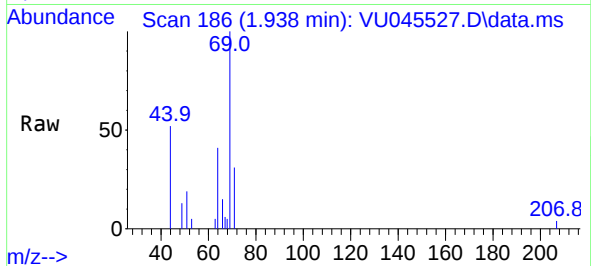
Tgt Ion: 94 Resp: 1604
 Ion Ratio Lower Upper
 94 100
 96 97.6 65.2 121.2





#8
Chloroethane
Concen: 0.179 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

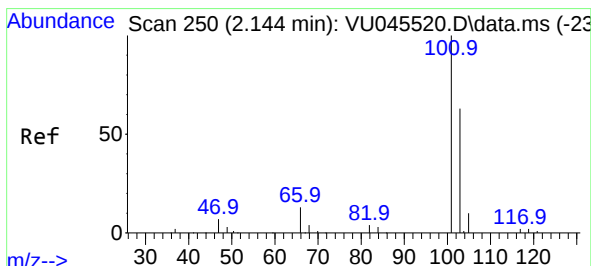
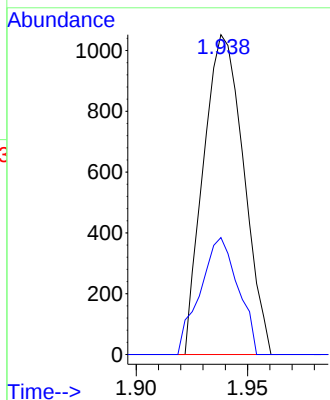
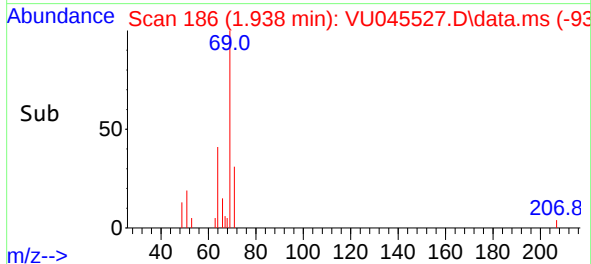
Instrument :
MSVOA_U
ClientSampleId :
MDL02



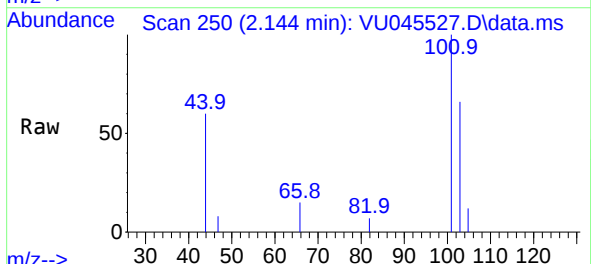
Tgt Ion: 64 Resp: 1318
Ion Ratio Lower Upper
64 100
66 36.6 23.0 42.6

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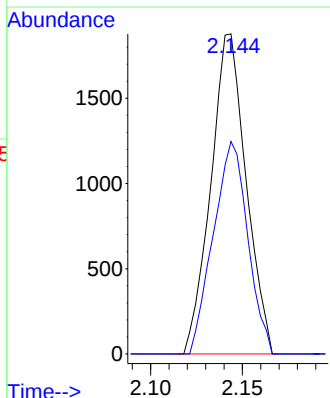
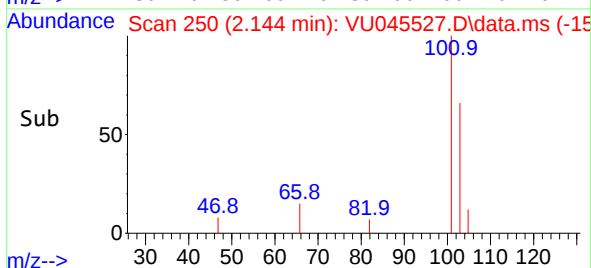
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021

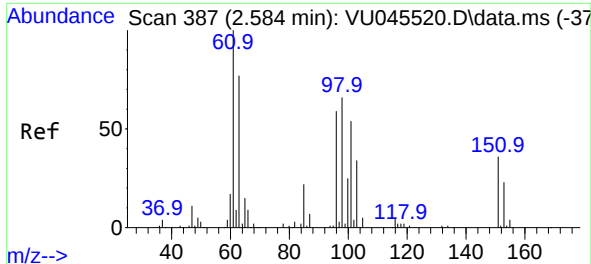


#9
Trichlorofluoromethane
Concen: 0.187 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27



Tgt Ion:101 Resp: 2510
Ion Ratio Lower Upper
101 100
103 64.7 51.9 77.9





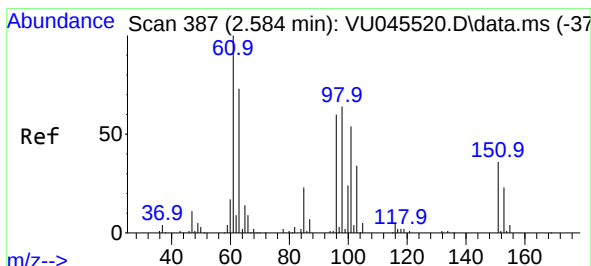
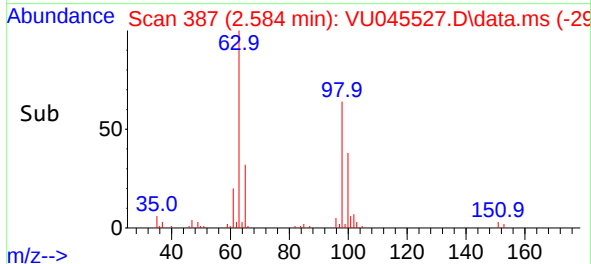
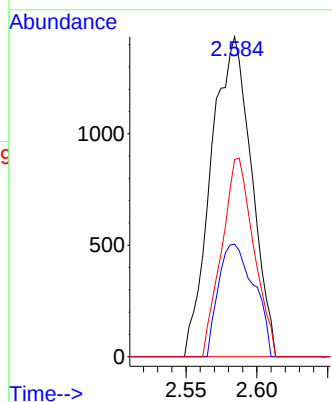
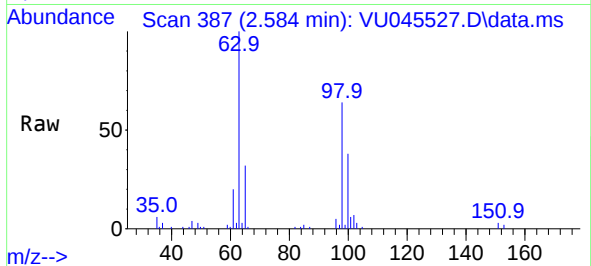
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.269 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

Instrument :
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ClientSampleId :
MDL02

Tgt Ion:101 Resp: 2830
Ion Ratio Lower Upper
101 100
85 31.1 34.0 51.0
151 49.5 53.5 80.3

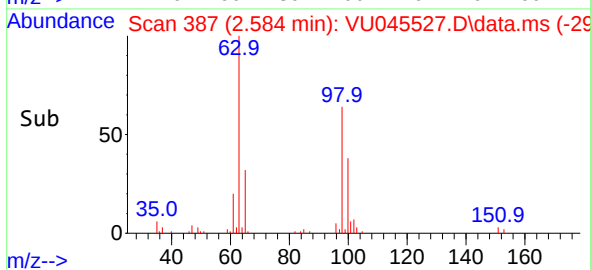
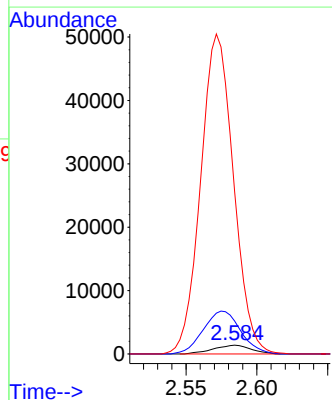
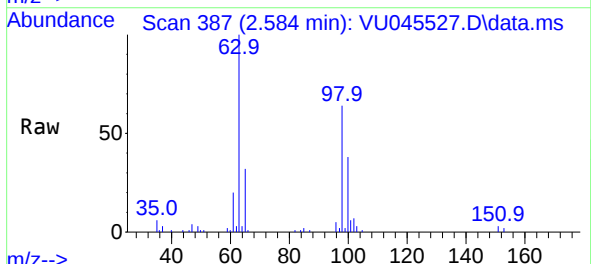
Manual Integrations
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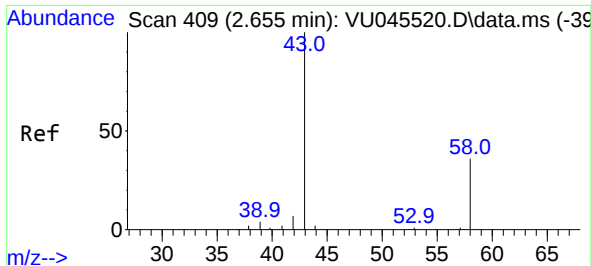
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021



#12
1,1-Dichloroethene
Concen: 0.250 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

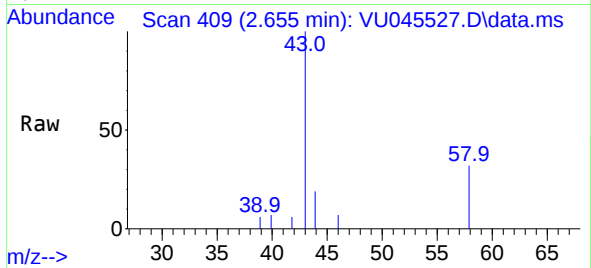
Tgt Ion: 96 Resp: 2566
Ion Ratio Lower Upper
96 100
61 373.7 118.4 219.8#
63 1843.5 92.0 170.8#





#13
Acetone
Concen: 2.497 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.000 min
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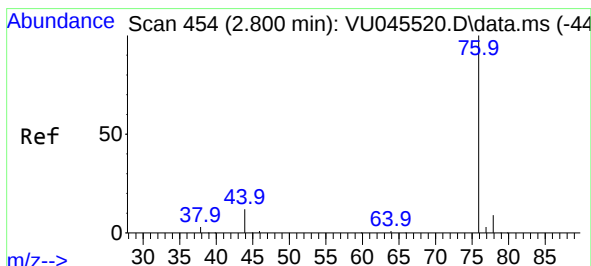
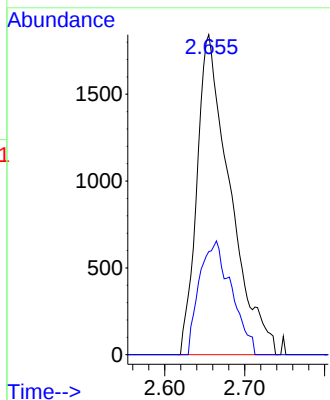
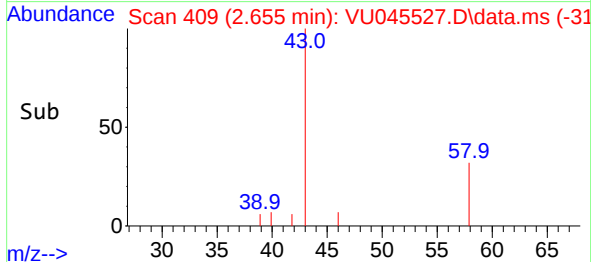
Instrument : MSVOA_U
ClientSampleId : MDL02



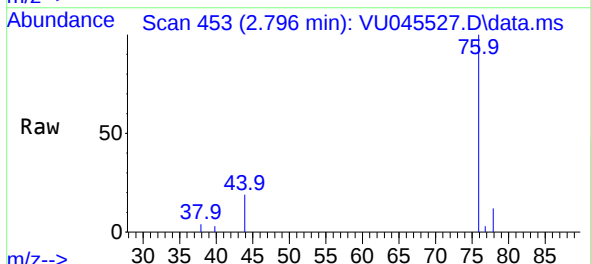
Tgt Ion: 43 Resp: 5294
Ion Ratio Lower Upper
43 100
58 34.5 0.0 70.2

Manual Integrations
APPROVED

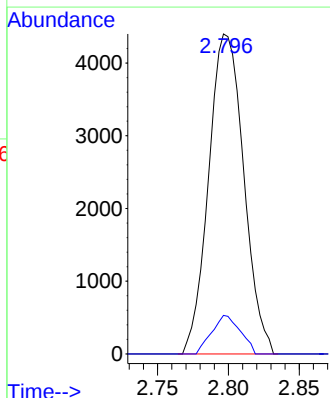
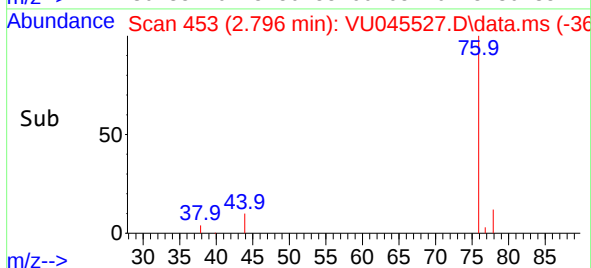
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021

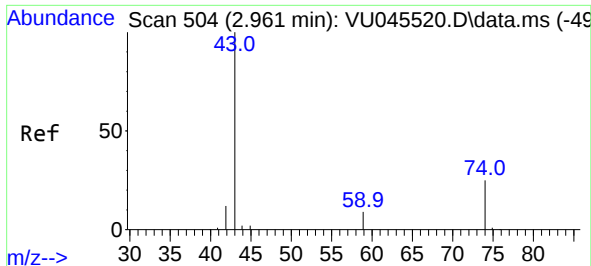


#14
Carbon disulfide
Concen: 0.209 ug/L
RT: 2.796 min Scan# 453
Delta R.T. -0.003 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27



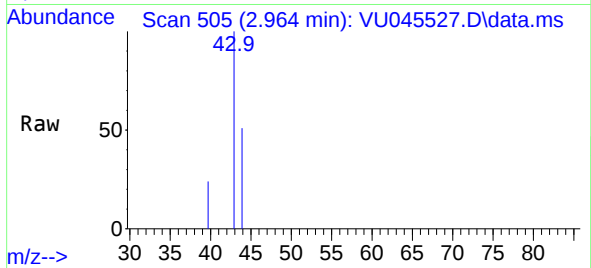
Tgt Ion: 76 Resp: 7594
Ion Ratio Lower Upper
76 100
78 12.1 7.2 10.8#





#15
Methyl Acetate
Concen: 0.203 ug/L
RT: 2.964 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

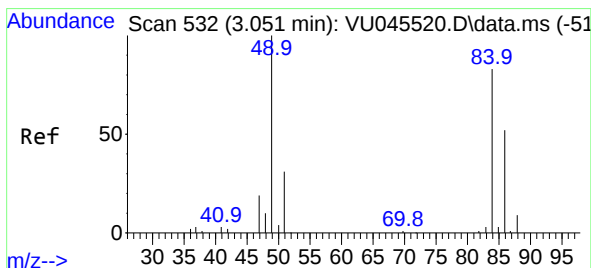
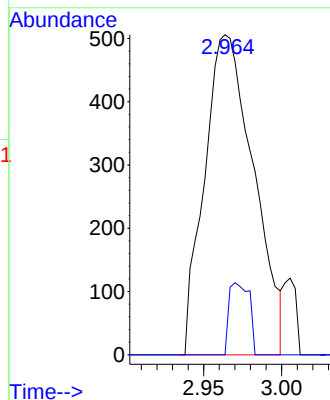
Instrument :
MSVOA_U
ClientSampleId :
MDL02



Tgt Ion: 43 Resp: 1109
Ion Ratio Lower Upper
43 100
74 9.2 20.0 30.0

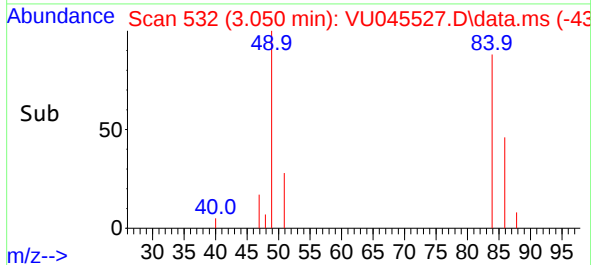
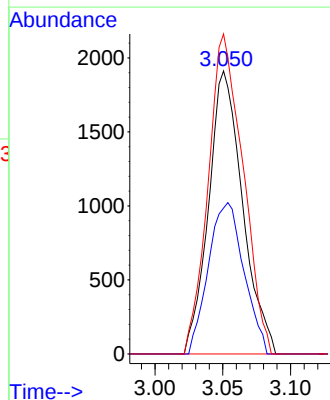
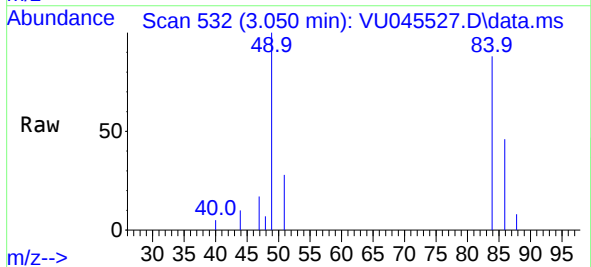
Manual Integrations
APPROVED

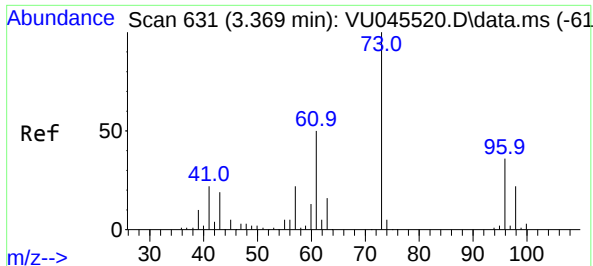
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021



#16
Methylene chloride
Concen: 0.257 ug/L
RT: 3.050 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

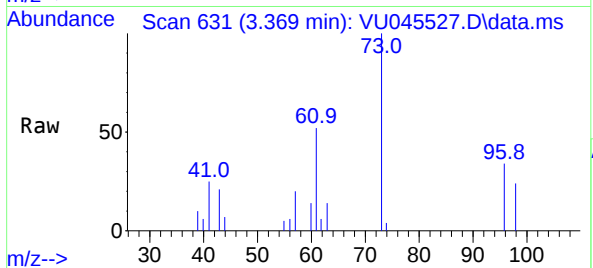
Tgt Ion: 84 Resp: 3339
Ion Ratio Lower Upper
84 100
86 51.6 43.8 81.3
49 113.1 84.5 156.9





#17
Methyl tert-butyl Ether
Concen: 0.201 ug/L
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

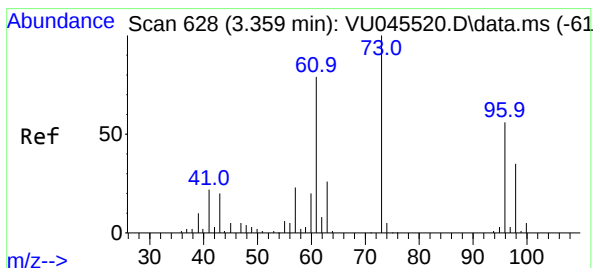
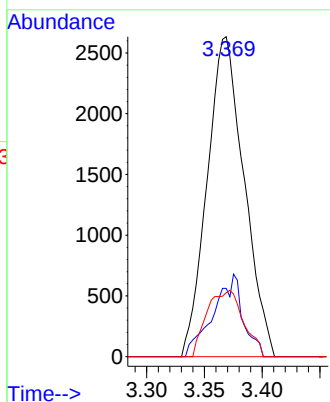
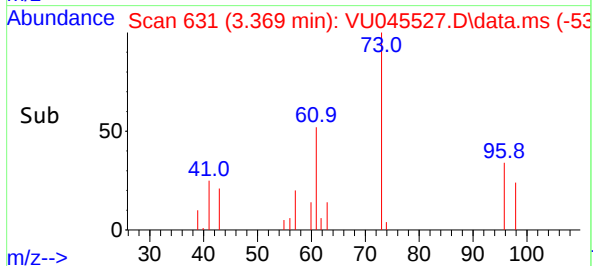
Instrument :
MSVOA_U
ClientSampleId :
MDL02



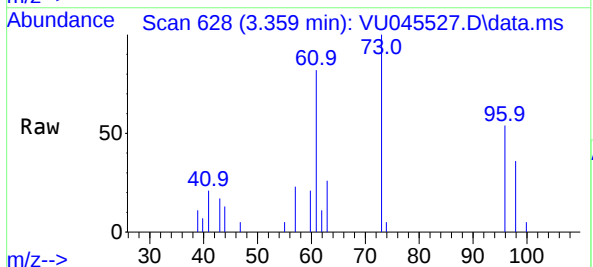
Tgt Ion: 73 Resp: 584
Ion Ratio Lower Upper
73 100
43 20.8 15.8 23.6
57 20.5 17.8 26.8

Manual Integrations
APPROVED

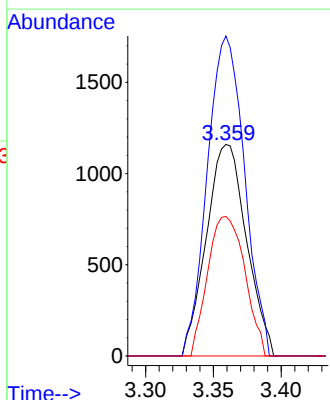
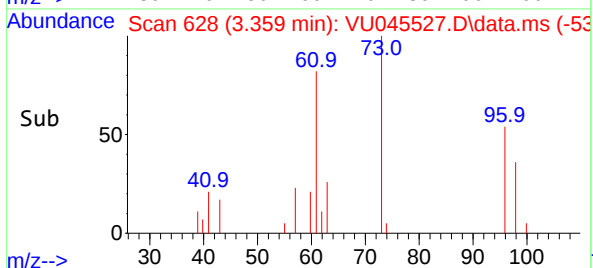
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021

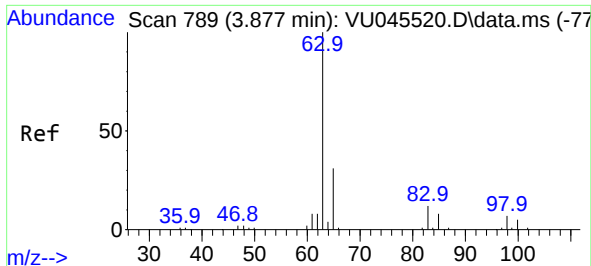


#18
trans-1,2-Dichloroethene
Concen: 0.207 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27



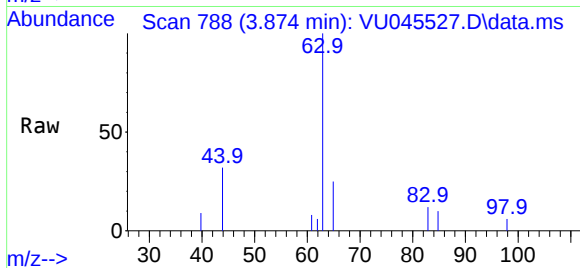
Tgt Ion: 96 Resp: 2385
Ion Ratio Lower Upper
96 100
61 151.3 98.3 182.7
98 66.0 43.0 79.8





#19
1,1-Dichloroethane
Concen: 0.198 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.003 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

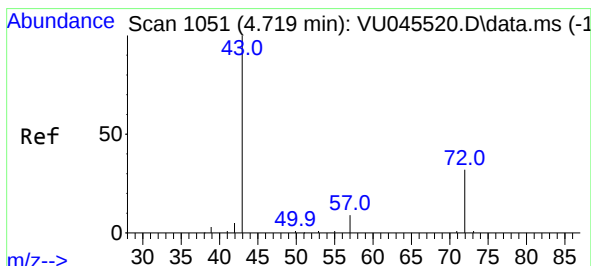
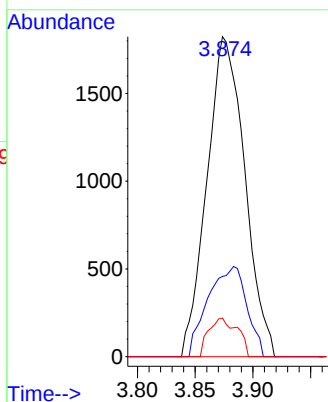
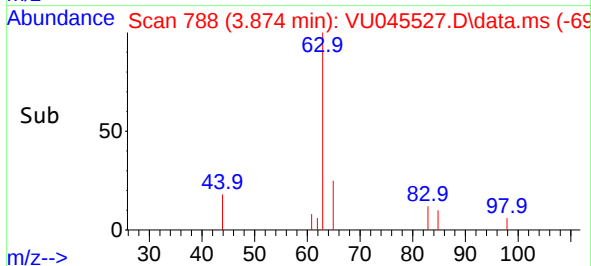
Instrument :
MSVOA_U
ClientSampleId :
MDL02



Tgt Ion: 63 Resp: 4148
Ion Ratio Lower Upper
63 100
65 25.1 21.5 39.9
83 12.1 8.4 15.6

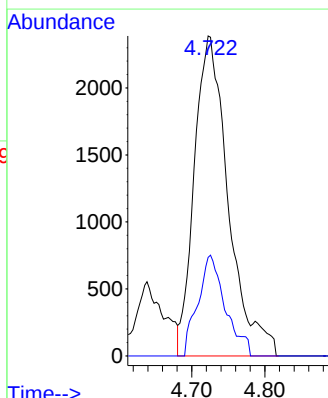
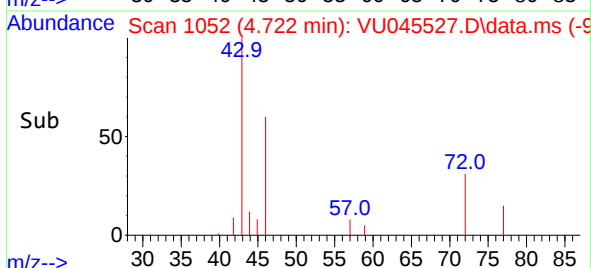
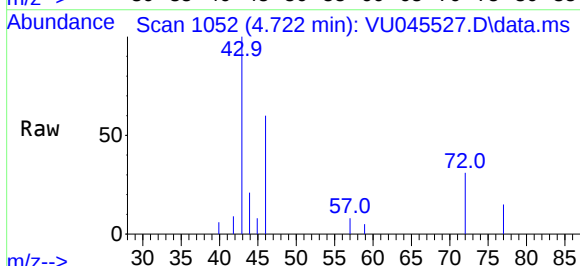
Manual Integrations
APPROVED

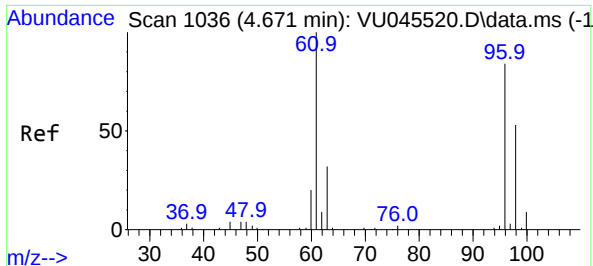
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021



#21
2-Butanone
Concen: 2.270 ug/L m
RT: 4.722 min Scan# 1052
Delta R.T. 0.003 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

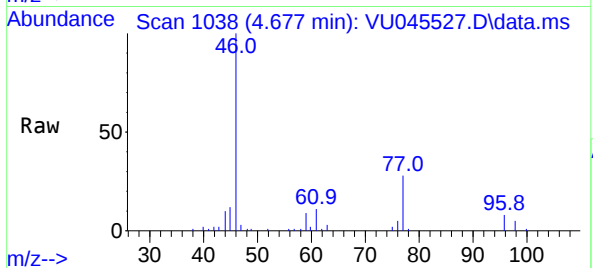
Tgt Ion: 43 Resp: 7695
Ion Ratio Lower Upper
43 100
72 25.5 15.8 47.3





#22
cis-1,2-Dichloroethene
Concen: 0.215 ug/L
RT: 4.677 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

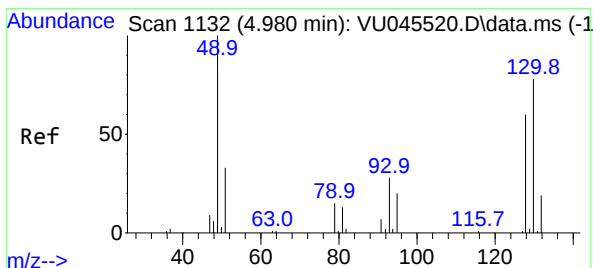
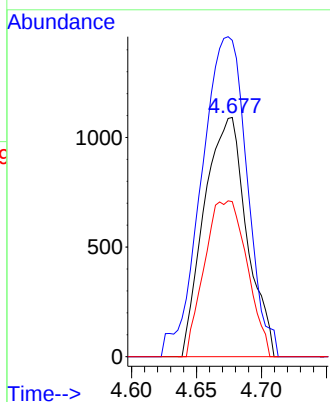
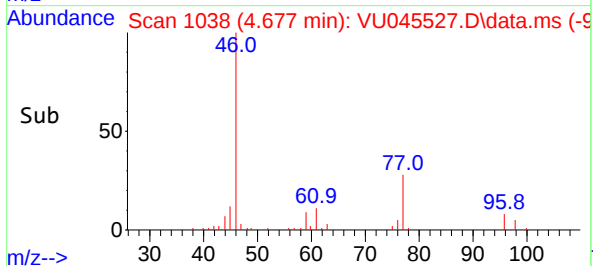
Instrument :
MSVOA_U
ClientSampleId :
MDL02



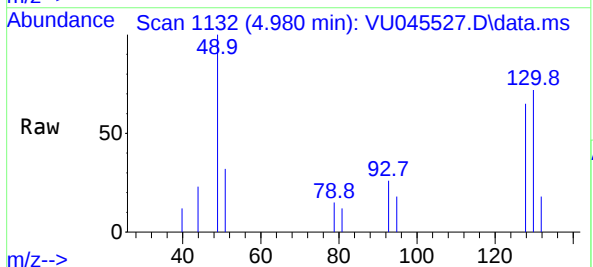
Tgt Ion: 96 Resp: 2480
Ion Ratio Lower Upper
96 100
61 132.3 83.4 155.0
98 64.8 44.0 81.8

Manual Integrations
APPROVED

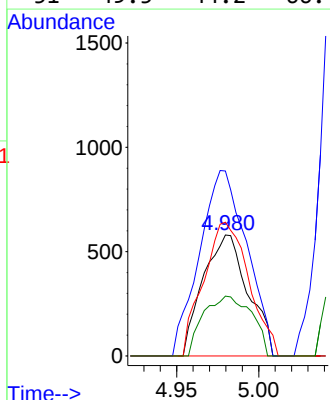
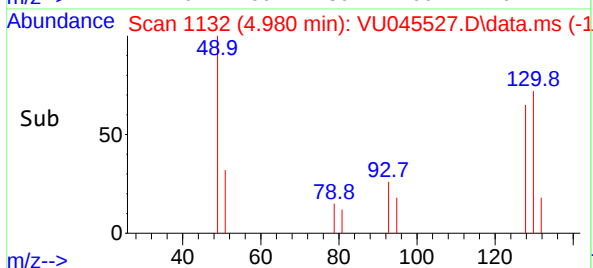
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021

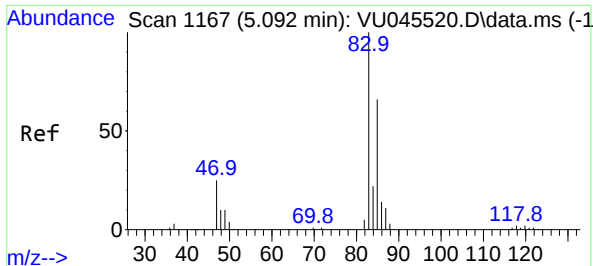


#23
Bromochloromethane
Concen: 0.217 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27



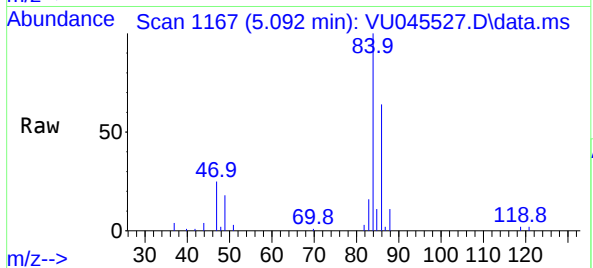
Tgt Ion:128 Resp: 1106
Ion Ratio Lower Upper
128 100
49 152.9 117.6 218.4
130 110.5 92.2 171.2
51 49.5 44.2 66.4





#25
Chloroform
Concen: 0.220 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

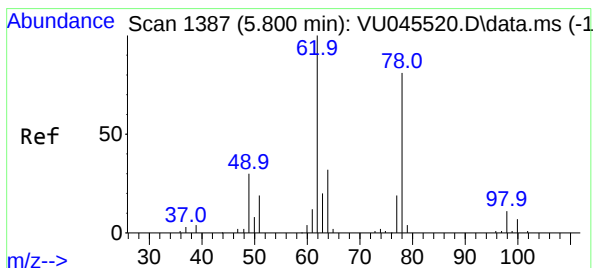
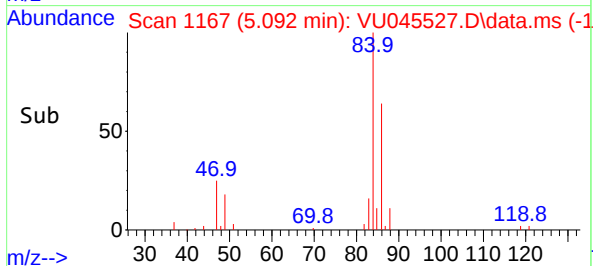
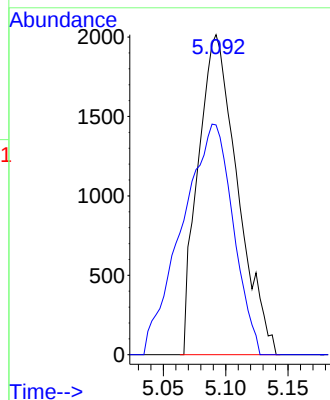
Instrument :
MSVOA_U
ClientSampleId :
MDL02



Tgt Ion: 83 Resp: 442
Ion Ratio Lower Upper
83 100
85 71.8 46.4 86.2

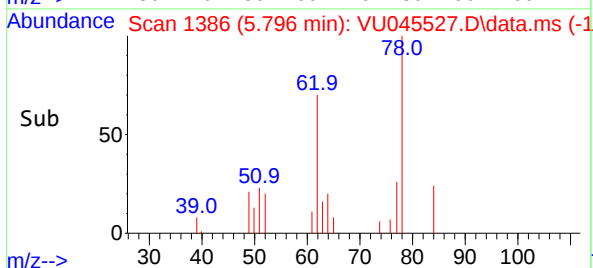
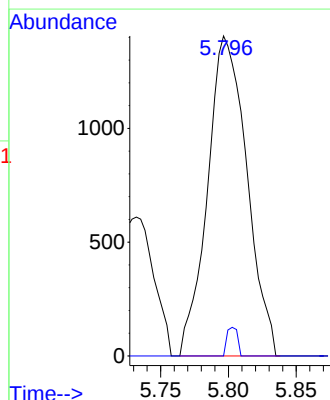
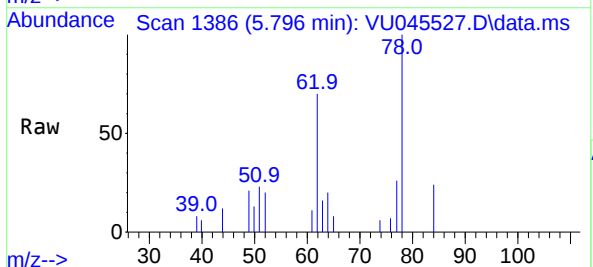
Manual Integrations
APPROVED

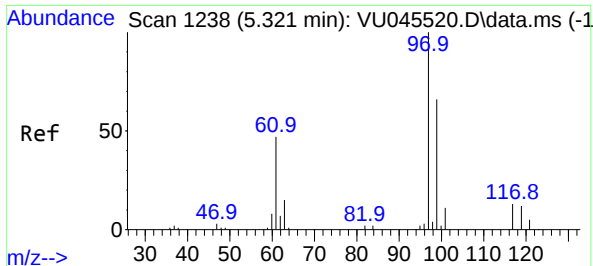
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021



#27
1,2-Dichloroethane
Concen: 0.226 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. -0.003 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

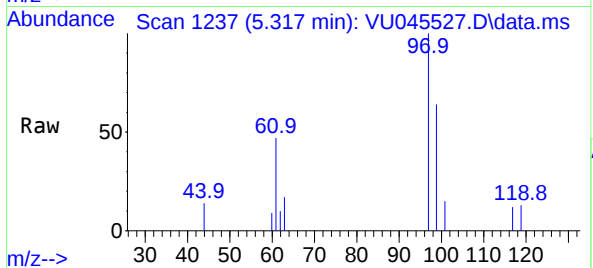
Tgt Ion: 62 Resp: 2838
Ion Ratio Lower Upper
62 100
98 0.0 8.5 12.7#





#29
1,1,1-Trichloroethane
Concen: 0.206 ug/L
RT: 5.317 min Scan# 1238
Delta R.T. -0.003 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

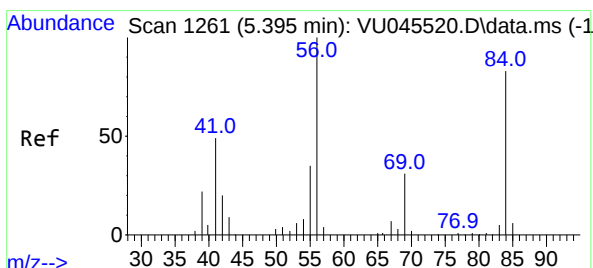
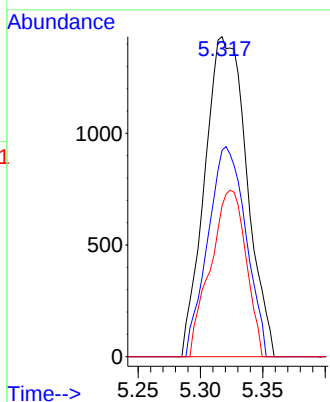
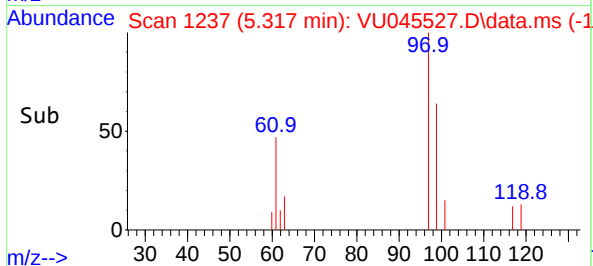
Instrument :
MSVOA_U
ClientSampleId :
MDL02



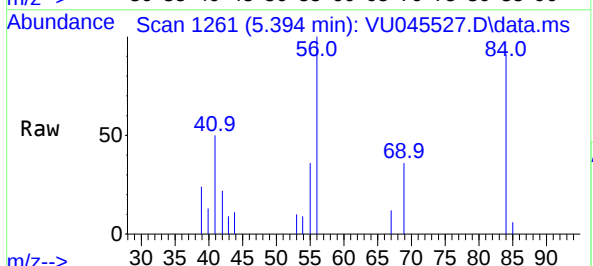
Tgt Ion: 97 Resp: 336
Ion Ratio Lower Upper
97 100
99 59.3 52.6 79.0
61 43.8 37.1 55.7

Manual Integrations
APPROVED

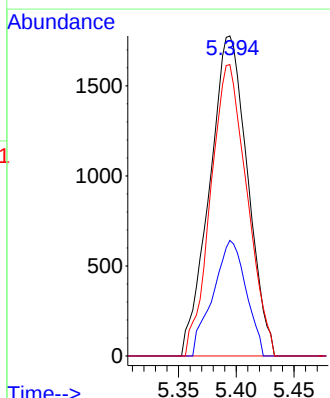
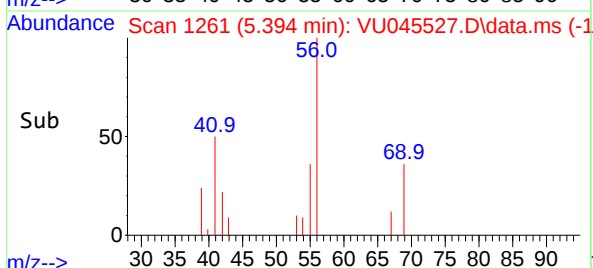
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021

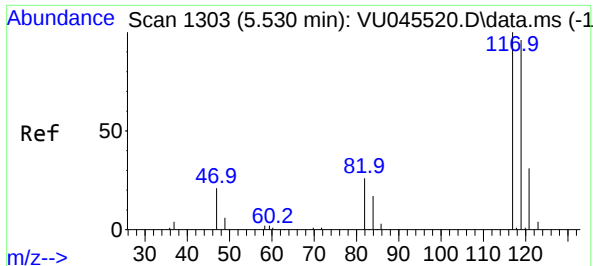


#30
Cyclohexane
Concen: 0.202 ug/L
RT: 5.394 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27



Tgt Ion: 56 Resp: 4051
Ion Ratio Lower Upper
56 100
69 31.5 24.2 36.2
84 87.1 68.3 102.5





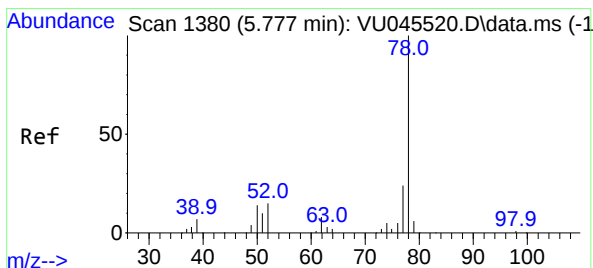
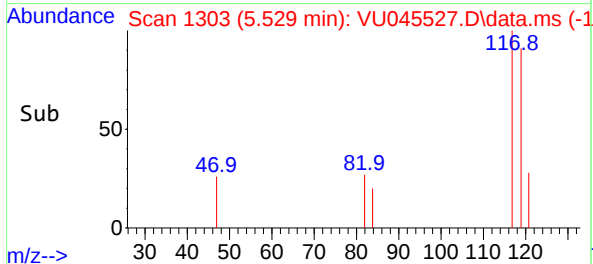
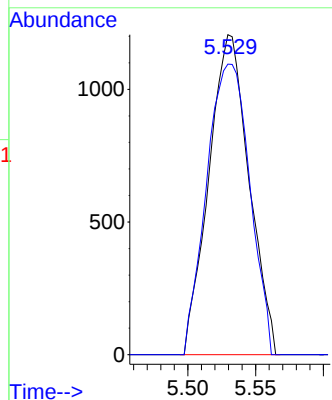
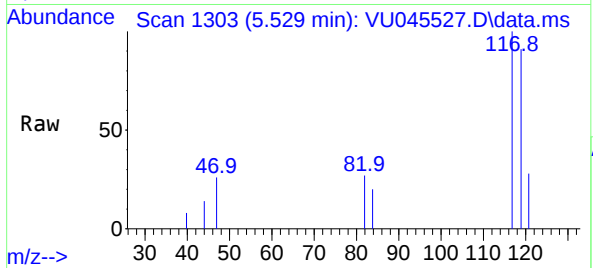
#31
Carbon tetrachloride
Concen: 0.187 ug/L
RT: 5.529 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:117 Resp: 248
Ion Ratio Lower Upper
117 100
119 97.6 77.4 116.0

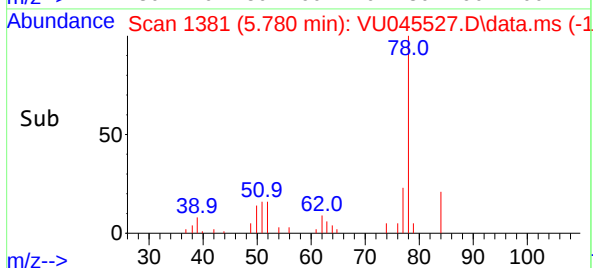
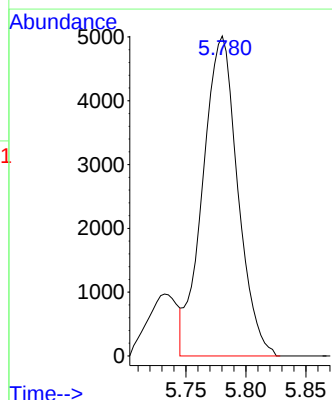
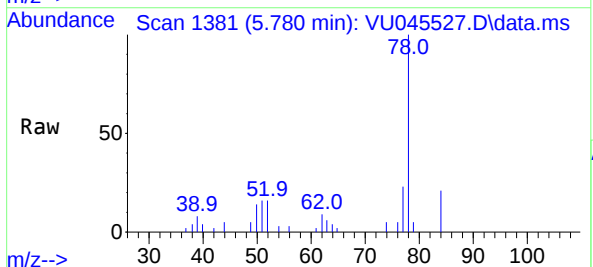
Manual Integrations
APPROVED

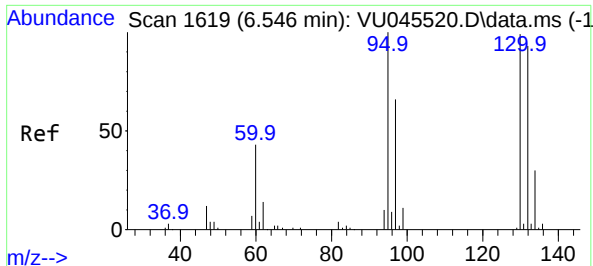
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021



#33
Benzene
Concen: 0.213 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

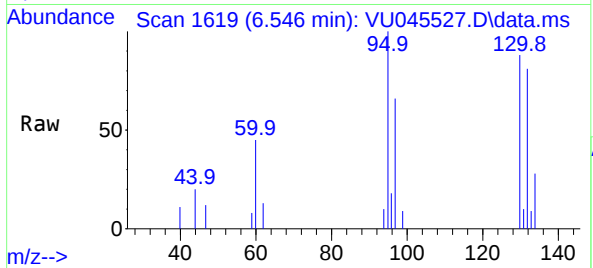
Tgt Ion: 78 Resp: 10160





#34
Trichloroethene
Concen: 0.185 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

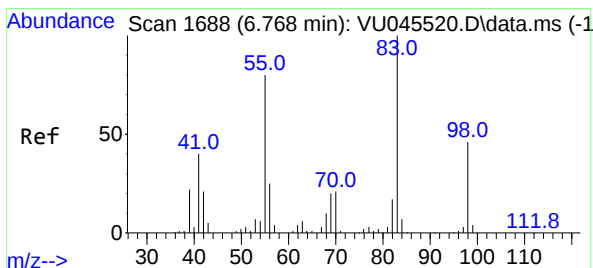
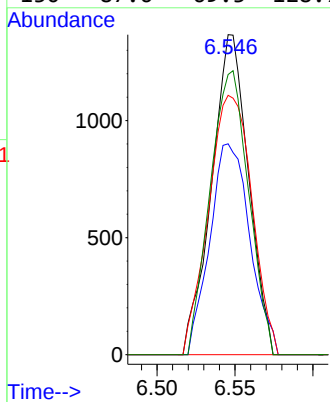
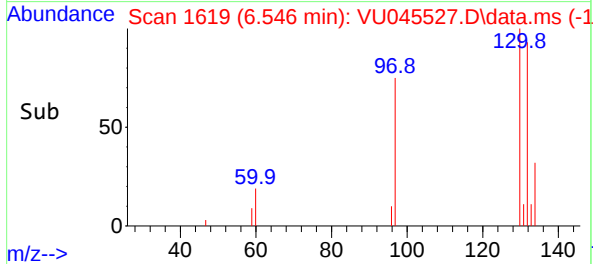
Instrument :
MSVOA_U
ClientSampleId :
MDL02



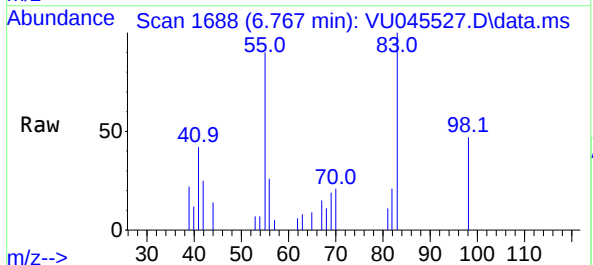
Tgt Ion: 95 Resp: 225
Ion Ratio Lower Upper
95 100
97 65.9 46.5 86.3
132 81.1 65.4 121.4
130 87.6 69.3 128.7

Manual Integrations
APPROVED

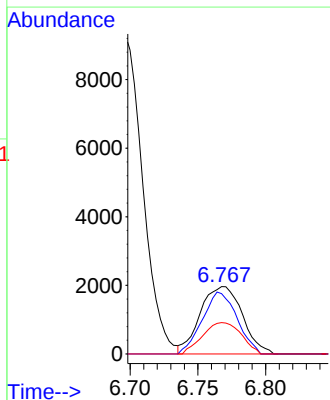
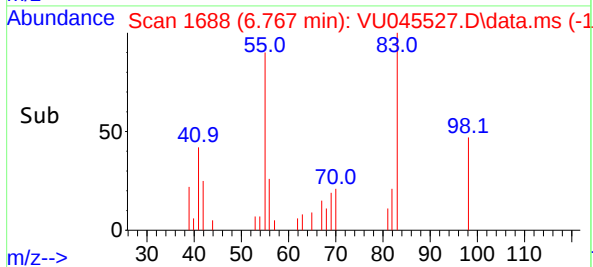
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021

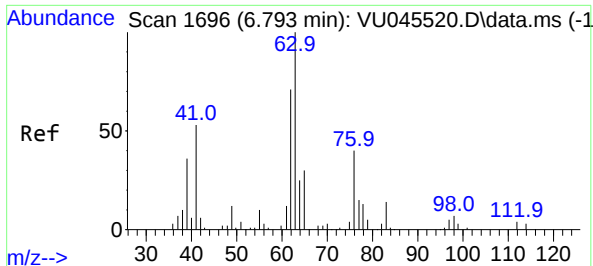


#35
Methylcyclohexane
Concen: 0.200 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27



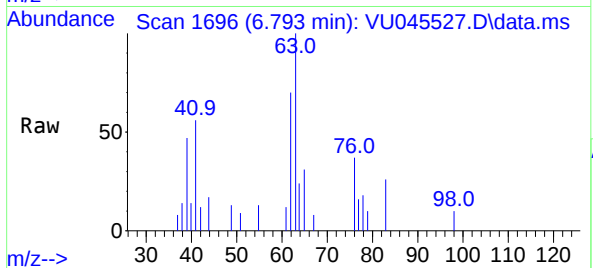
Tgt Ion: 83 Resp: 4248
Ion Ratio Lower Upper
83 100
55 75.7 63.9 95.9
98 42.7 37.4 56.2





#37
1,2-Dichloropropane
Concen: 0.196 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

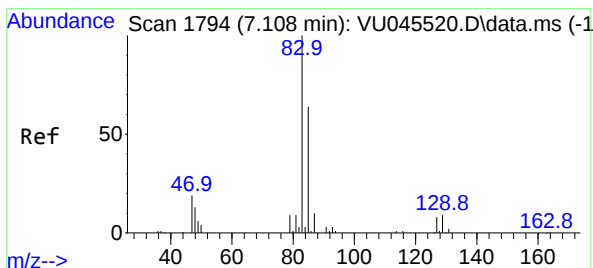
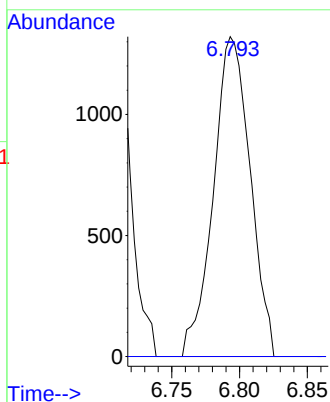
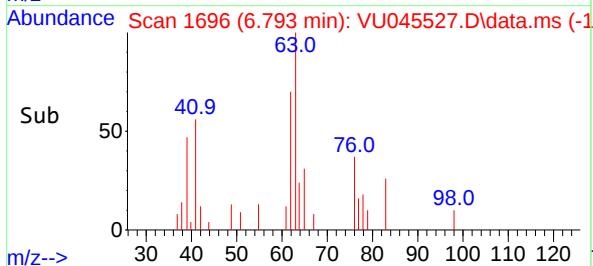
Instrument :
MSVOA_U
ClientSampleId :
MDL02



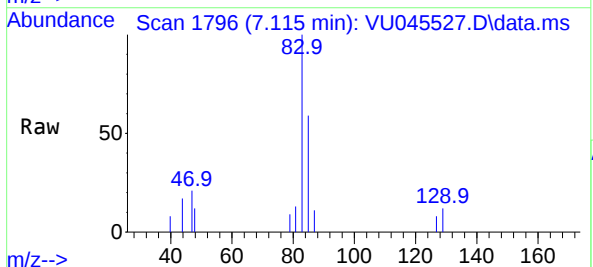
Tgt Ion: 63 Resp: 249
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3

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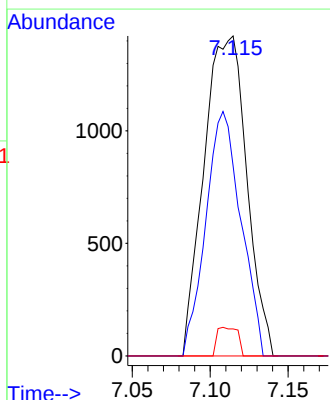
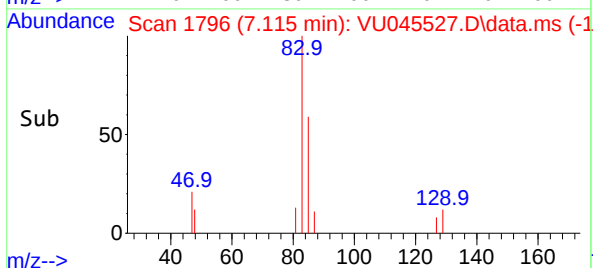
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021

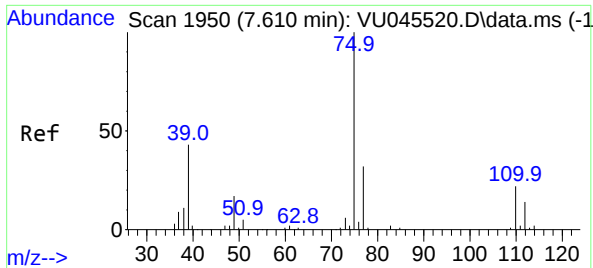


#38
Bromodichloromethane
Concen: 0.190 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27



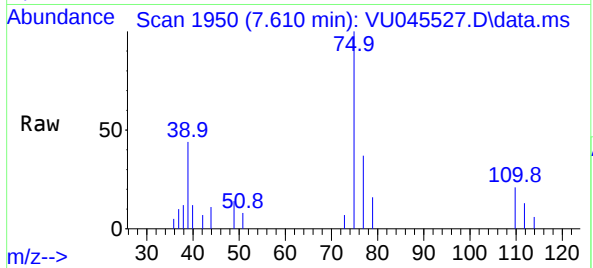
Tgt Ion: 83 Resp: 2712
Ion Ratio Lower Upper
83 100
85 59.4 44.7 82.9
127 8.4 6.2 9.4





#39
 cis-1,3-Dichloropropene
 Concen: 0.192 ug/L
 RT: 7.610 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VU045527.D
 Acq: 03 Nov 2021 17:27

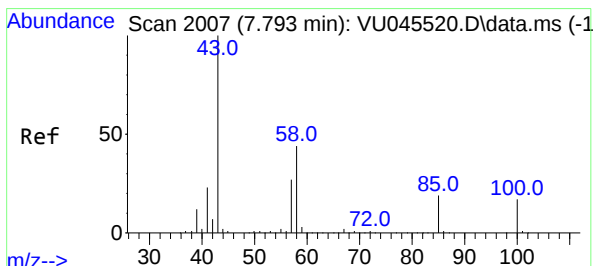
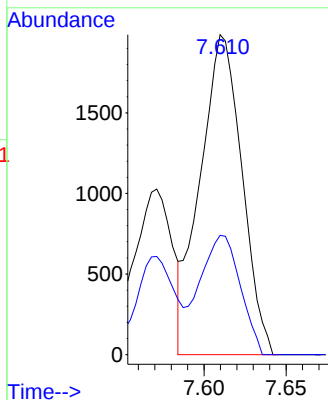
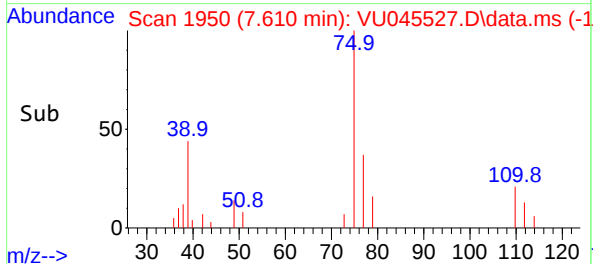
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02



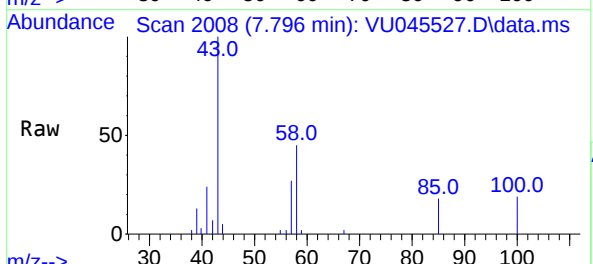
Tgt Ion: 75 Resp: 3514
 Ion Ratio Lower Upper
 75 100
 77 37.3 22.4 41.6

Manual Integrations
 APPROVED

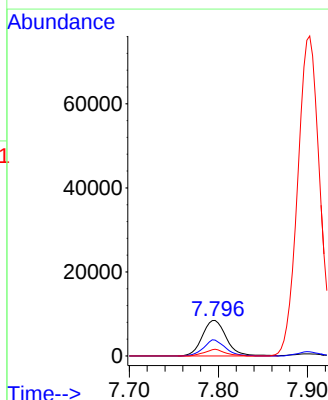
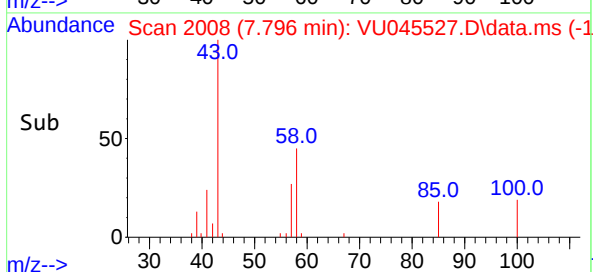
Reviewed By :John Carlone 11/11/2021
 Supervised By :Mahesh Dadoda 11/11/2021

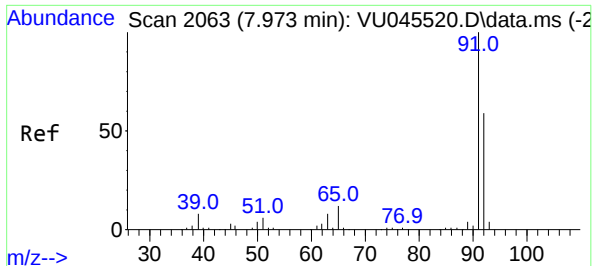


#40
 4-Methyl-2-pentanone
 Concen: 1.862 ug/L
 RT: 7.796 min Scan# 2008
 Delta R.T. 0.003 min
 Lab File: VU045527.D
 Acq: 03 Nov 2021 17:27



Tgt Ion: 43 Resp: 15850
 Ion Ratio Lower Upper
 43 100
 58 40.5 35.0 52.6
 100 0.0 13.6 20.4#





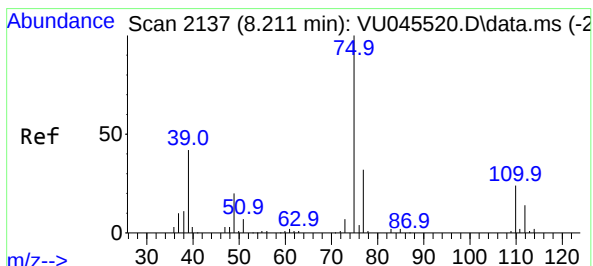
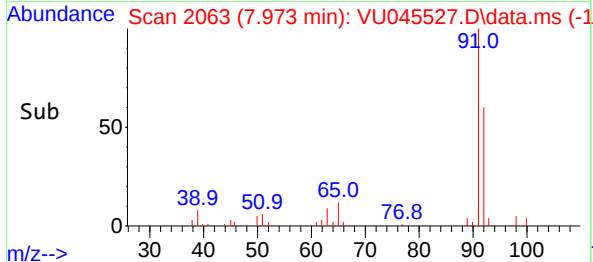
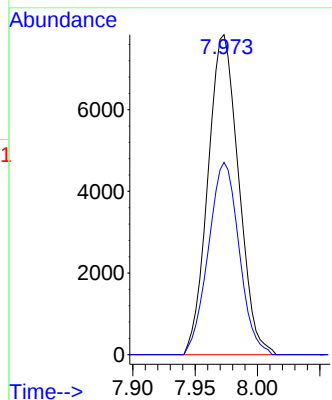
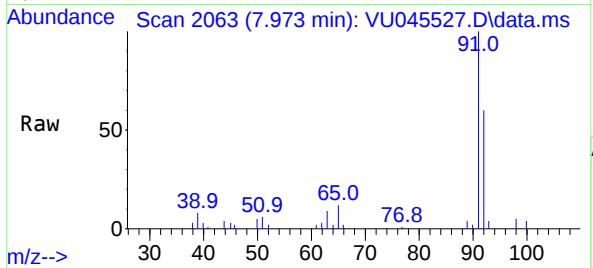
#42
Toluene
Concen: 0.258 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 91 Resp: 13418
Ion Ratio Lower Upper
91 100
92 60.1 41.1 76.3

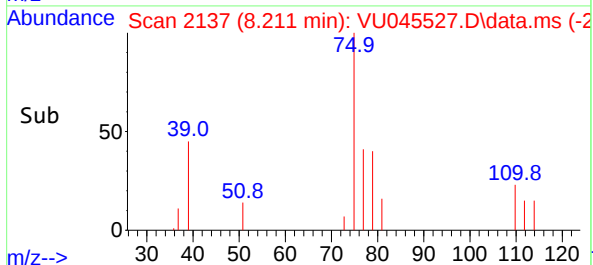
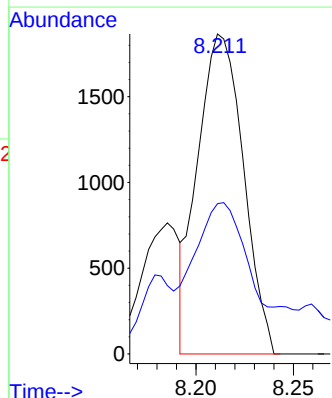
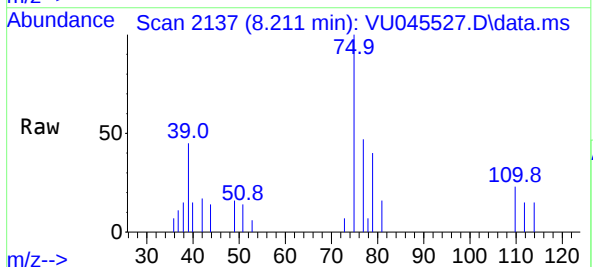
Manual Integrations
APPROVED

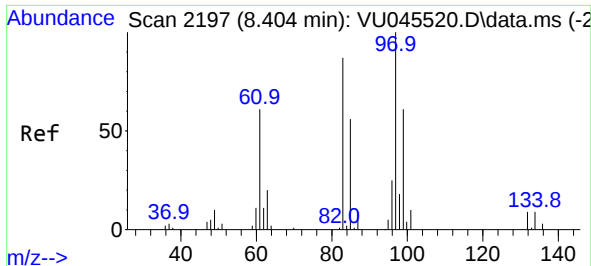
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021



#44
trans-1,3-Dichloropropene
Concen: 0.191 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

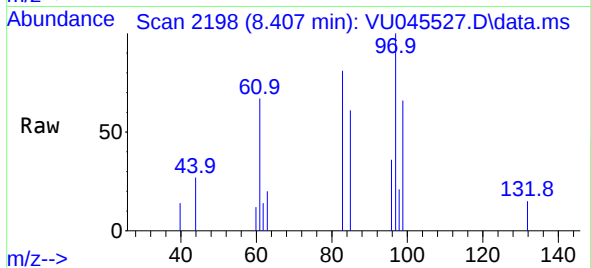
Tgt Ion: 75 Resp: 3047
Ion Ratio Lower Upper
75 100
77 46.9 22.5 41.7#





#45
1,1,2-Trichloroethane
Concen: 0.176 ug/L
RT: 8.407 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

Instrument :
MSVOA_U
ClientSampleId :
MDL02

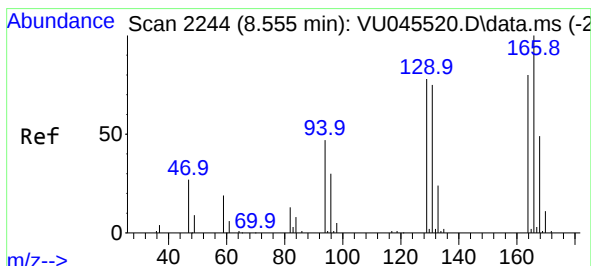
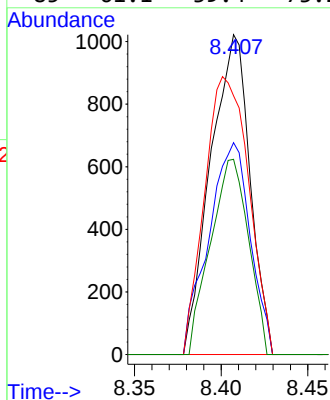
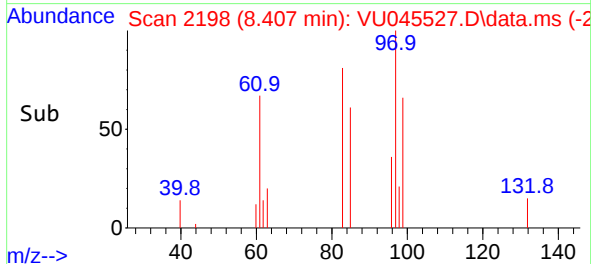


Tgt Ion: 97 Resp: 1610

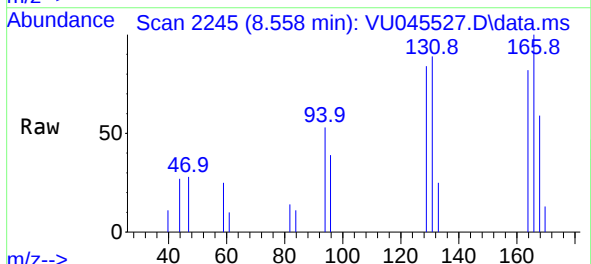
Ion	Ratio	Lower	Upper
97	100		
99	66.2	42.4	78.6
83	80.9	60.6	112.6
85	61.1	39.4	73.2

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

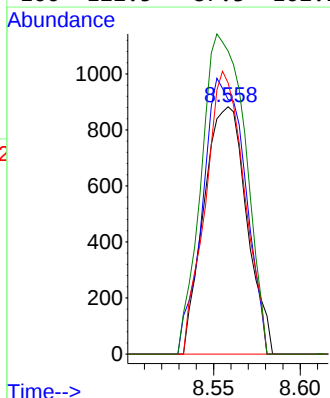
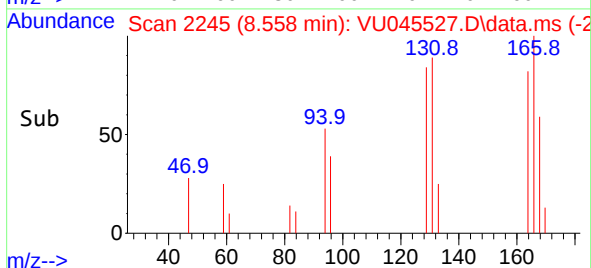


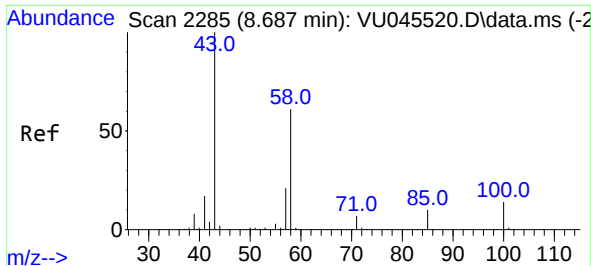
#47
Tetrachloroethene
Concen: 0.174 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27



Tgt Ion: 164 Resp: 1520

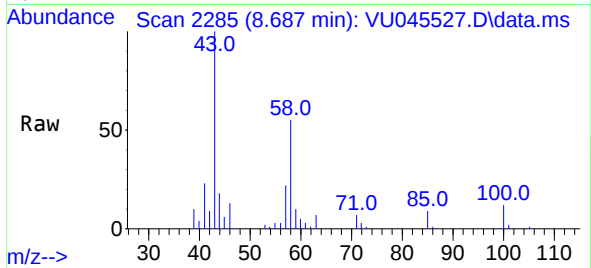
Ion	Ratio	Lower	Upper
164	100		
129	102.9	68.1	126.5
131	109.6	65.3	121.3
166	122.5	87.3	162.1





#48
2-Hexanone
Concen: 3.139 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

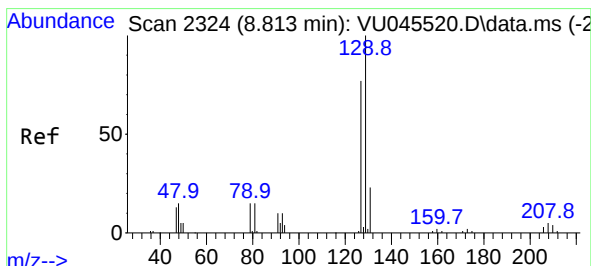
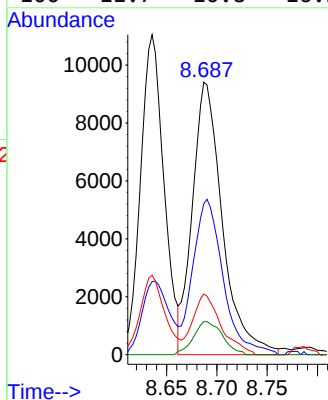
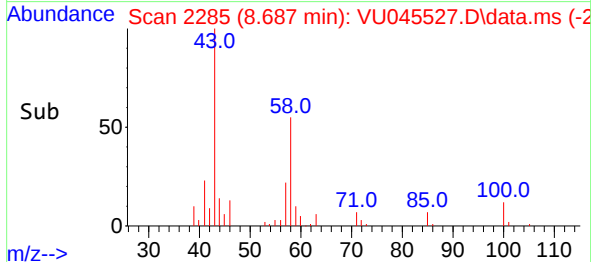
Instrument :
MSVOA_U
ClientSampleId :
MDL02



Tgt Ion: 43 Resp: 1956
Ion Ratio Lower Upper
43 100
58 57.6 47.7 71.5
57 21.0 16.6 25.0
100 11.7 10.8 16.2

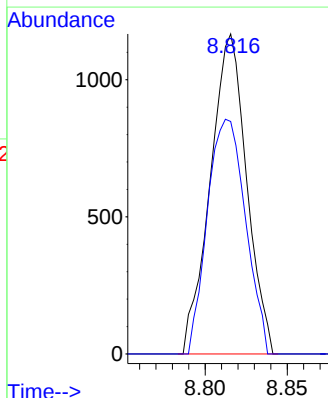
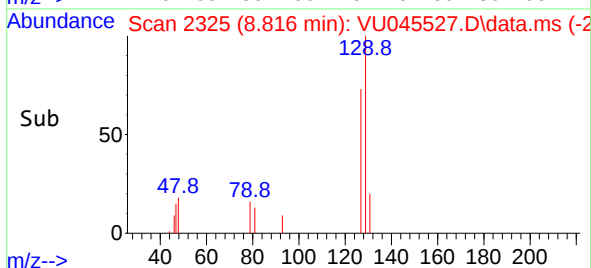
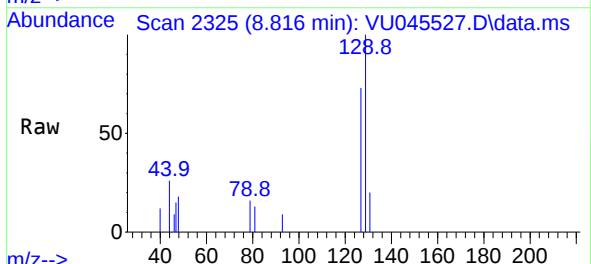
Manual Integrations
APPROVED

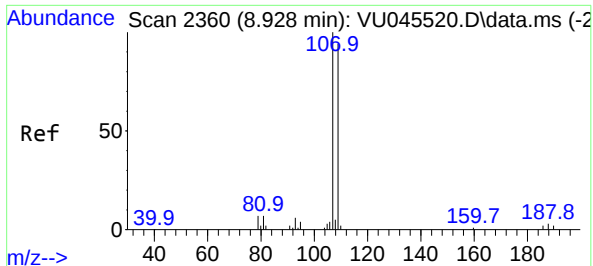
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021



#49
Dibromochloromethane
Concen: 0.199 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

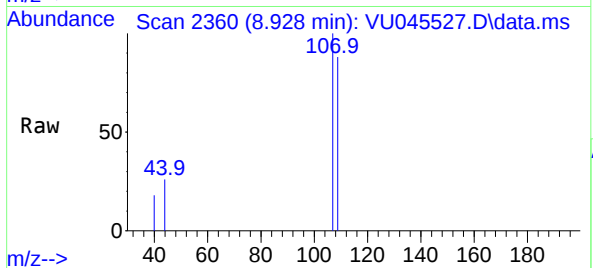
Tgt Ion:129 Resp: 1797
Ion Ratio Lower Upper
129 100
127 72.7 53.6 99.6





#50
1,2-Dibromoethane
Concen: 0.214 ug/L
RT: 8.928 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

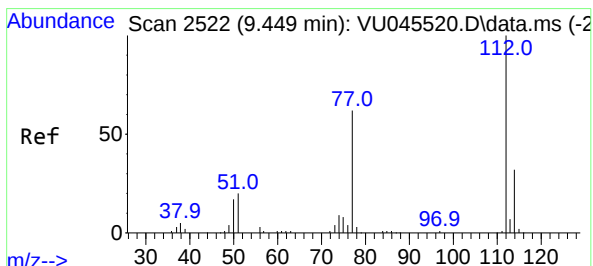
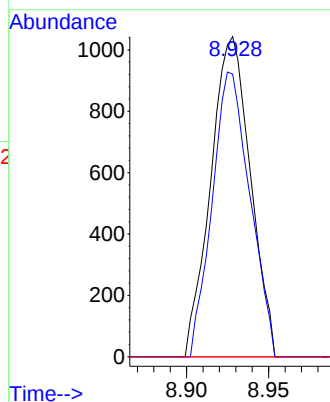
Instrument :
MSVOA_U
ClientSampleId :
MDL02



Tgt Ion:107 Resp: 1754
Ion Ratio Lower Upper
107 100
109 88.3 65.5 121.6
188 0.0 2.6 4.0

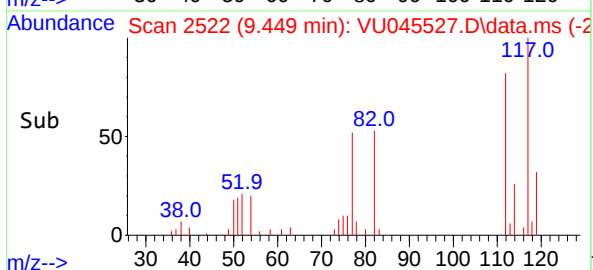
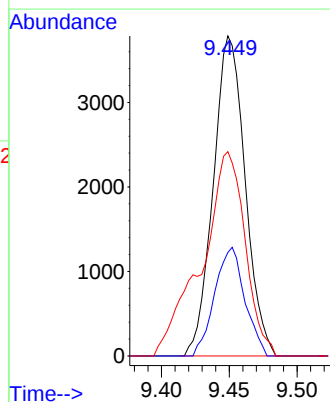
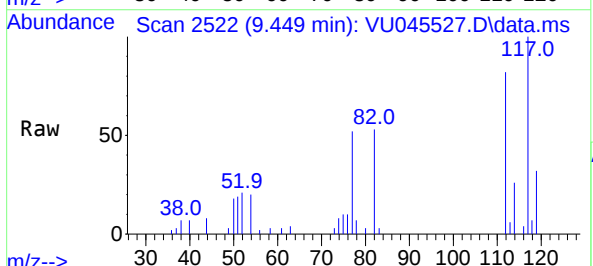
Manual Integrations
APPROVED

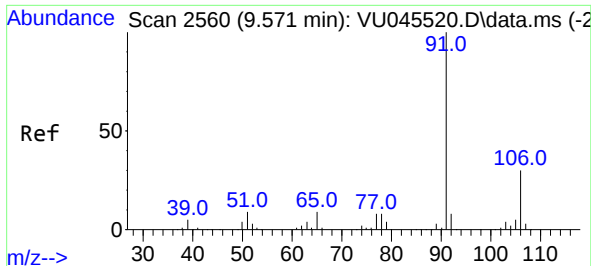
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021



#51
Chlorobenzene
Concen: 0.202 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

Tgt Ion:112 Resp: 6199
Ion Ratio Lower Upper
112 100
114 32.3 22.3 41.5
77 63.8 49.5 74.3





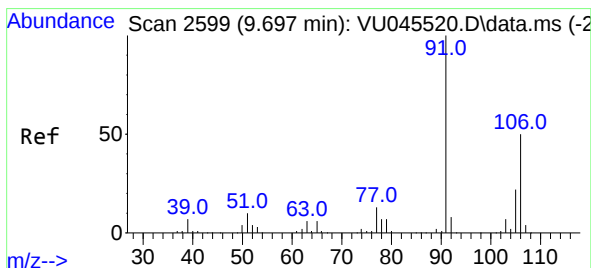
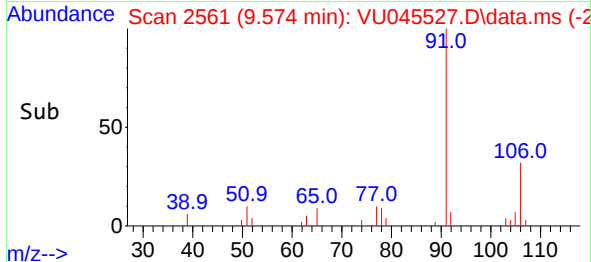
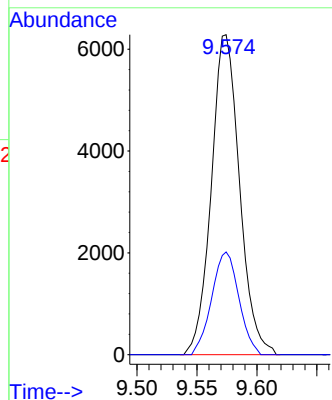
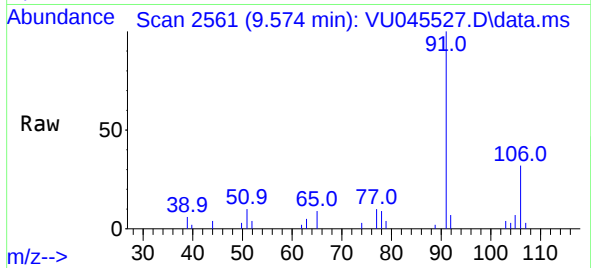
#52
Ethylbenzene
Concen: 0.192 ug/L
RT: 9.574 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 91 Resp: 10280
Ion Ratio Lower Upper
91 100
106 32.1 20.9 38.9

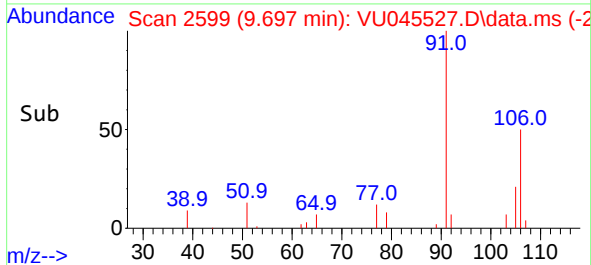
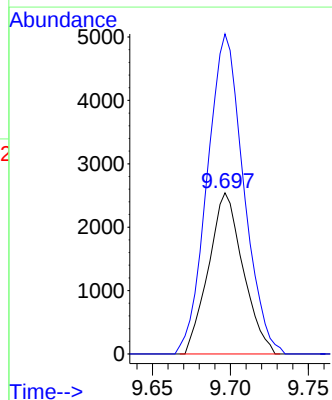
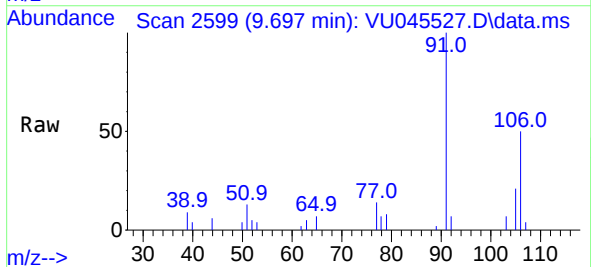
Manual Integrations
APPROVED

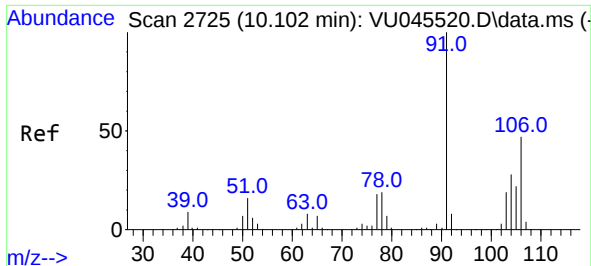
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021



#53
m,p-Xylene
Concen: 0.188 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

Tgt Ion:106 Resp: 3904
Ion Ratio Lower Upper
106 100
91 198.7 141.6 263.0





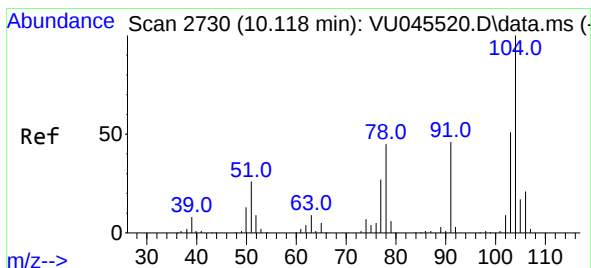
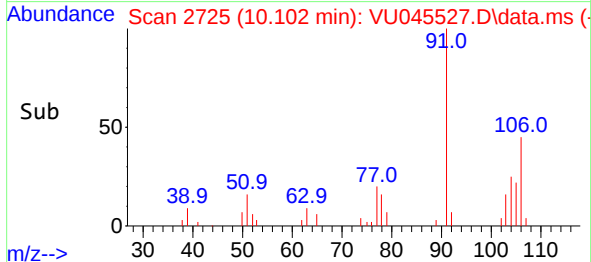
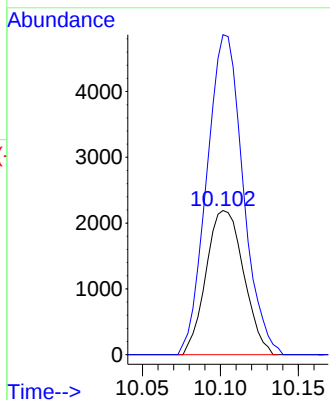
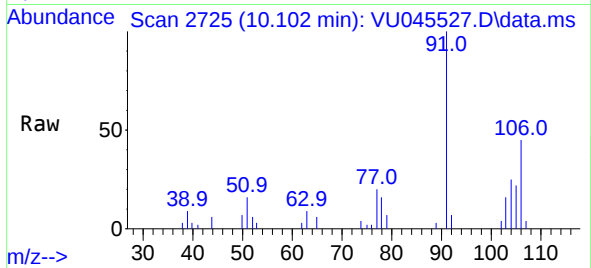
#54
o-Xylene
Concen: 0.181 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:106 Resp: 3669
Ion Ratio Lower Upper
106 100
91 222.0 148.8 276.4

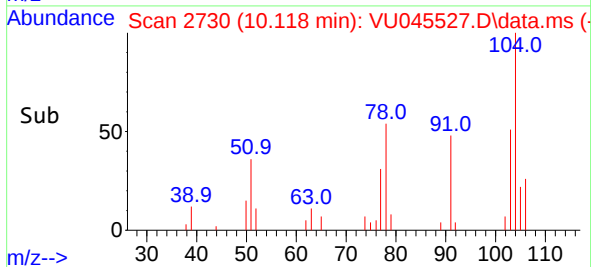
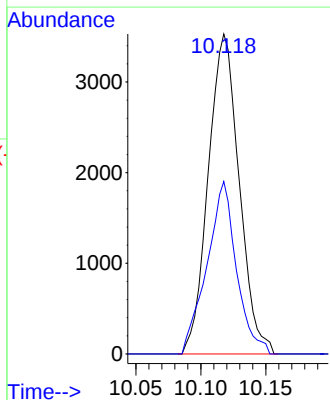
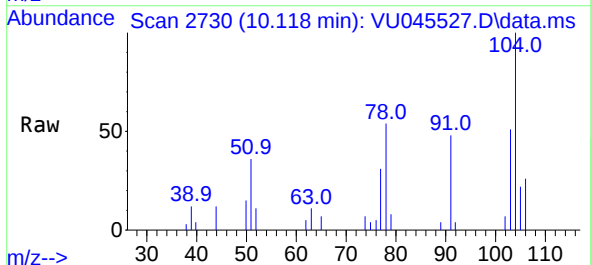
Manual Integrations
APPROVED

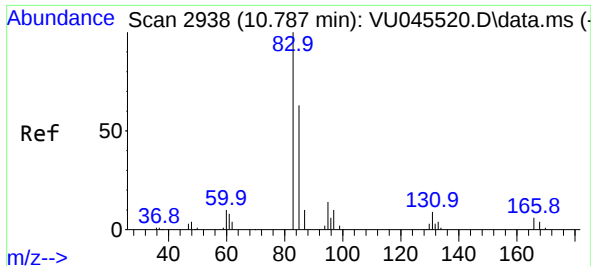
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021



#55
Styrene
Concen: 0.174 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

Tgt Ion:104 Resp: 5841
Ion Ratio Lower Upper
104 100
78 53.9 31.5 58.5





#57

1,1,2,2-Tetrachloroethane

Concen: 0.195 ug/L

RT: 10.787 min Scan# 2938

Delta R.T. -0.000 min

Lab File: VU045527.D

Acq: 03 Nov 2021 17:27

Instrument :

MSVOA_U

ClientSampleId :

MDL02

Tgt Ion: 83 Resp: 239

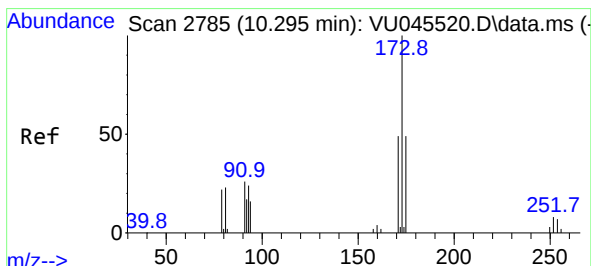
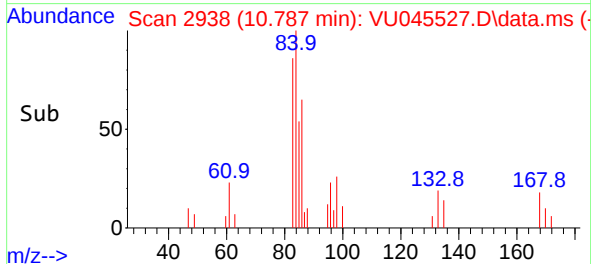
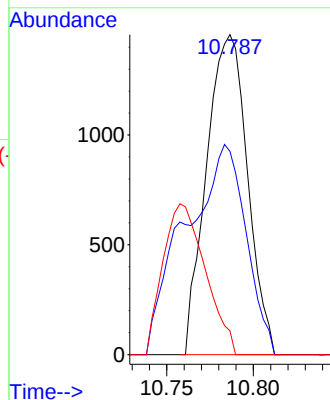
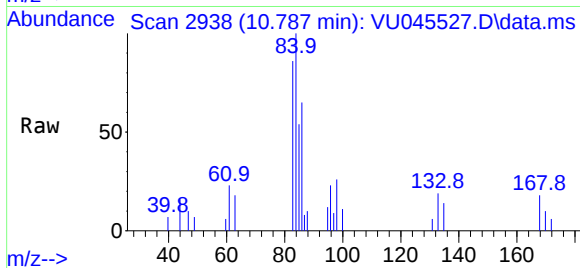
Ion	Ratio	Lower	Upper
83	100		
85	63.6	44.9	83.5
131	7.4	7.5	11.3

Manual Integrations

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Reviewed By :John Carlone 11/11/2021

Supervised By :Mahesh Dadoda 11/11/2021



#59

Bromoform

Concen: 0.194 ug/L

RT: 10.298 min Scan# 2786

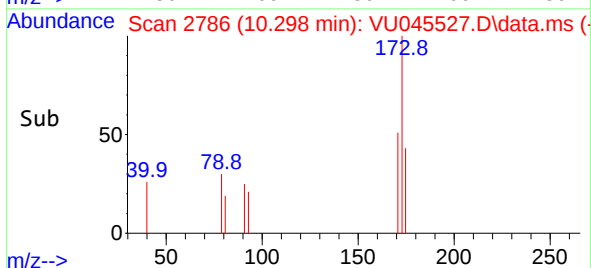
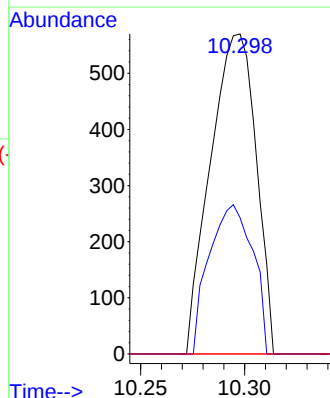
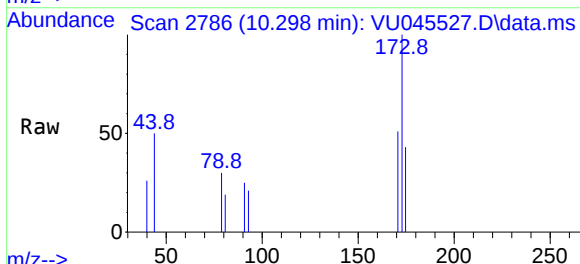
Delta R.T. 0.003 min

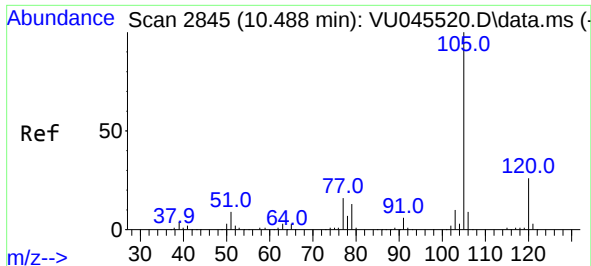
Lab File: VU045527.D

Acq: 03 Nov 2021 17:27

Tgt Ion:173 Resp: 870

Ion	Ratio	Lower	Upper
173	100		
175	44.6	38.3	57.5
254	0.0	5.6	8.4





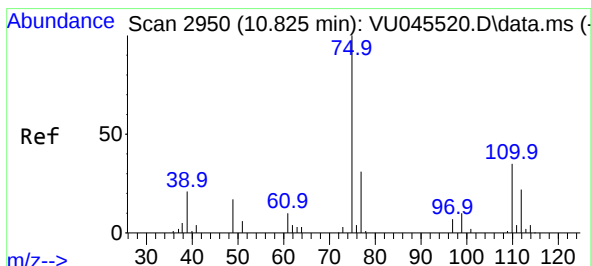
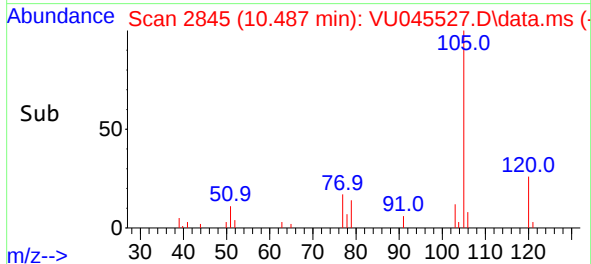
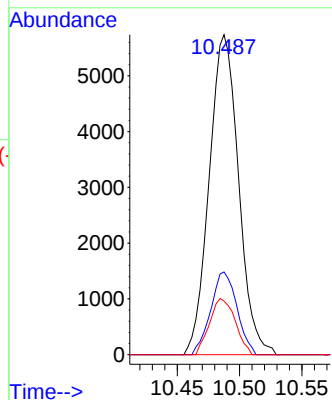
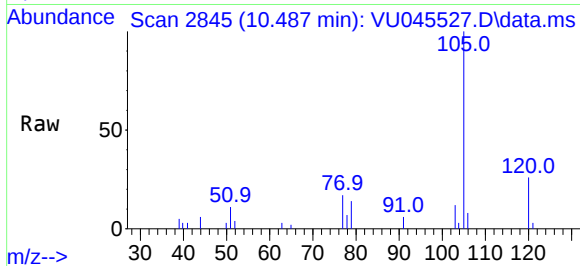
#60
Isopropylbenzene
Concen: 0.201 ug/L
RT: 10.487 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:105 Resp: 941
Ion Ratio Lower Upper
105 100
120 23.1 20.6 30.8
77 15.3 12.6 19.0

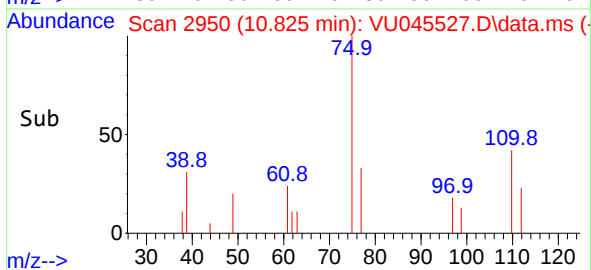
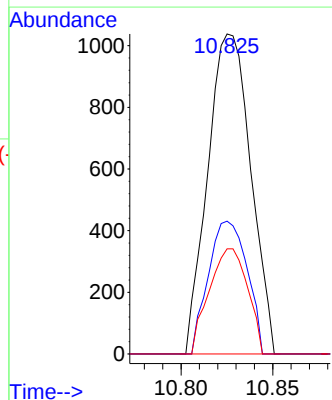
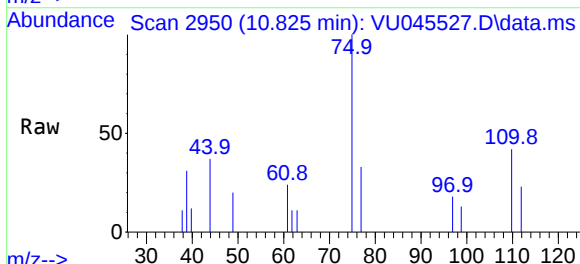
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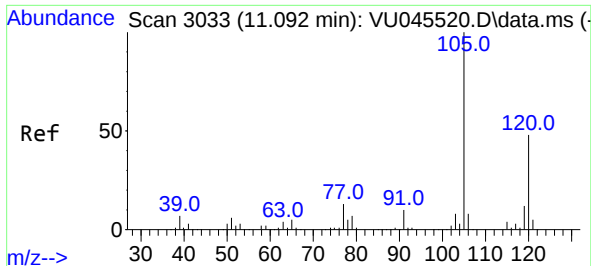
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021



#61
1,2,3-Trichloropropane
Concen: 0.210 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

Tgt Ion: 75 Resp: 1692
Ion Ratio Lower Upper
75 100
110 37.4 28.4 42.6
77 29.4 25.1 37.7





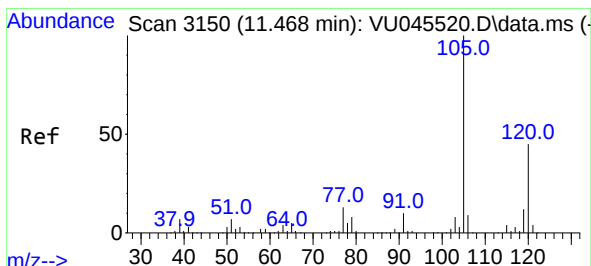
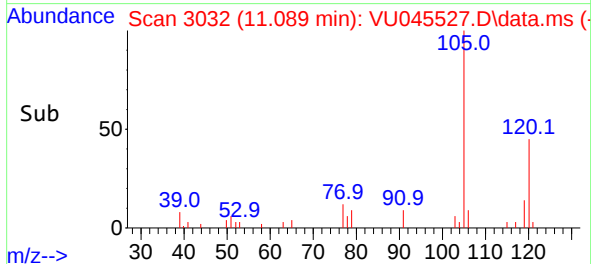
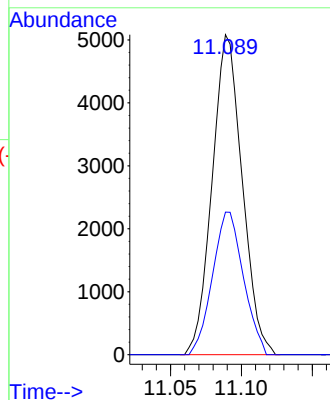
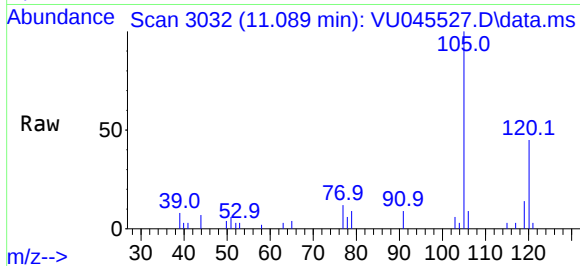
#62
1,3,5-Trimethylbenzene
Concen: 0.188 ug/L
RT: 11.089 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:105 Resp: 7492
Ion Ratio Lower Upper
105 100
120 45.8 38.3 57.5

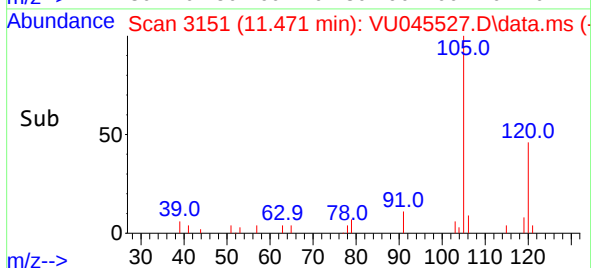
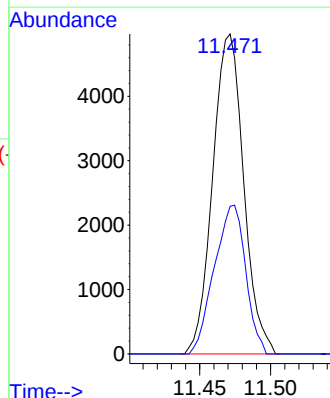
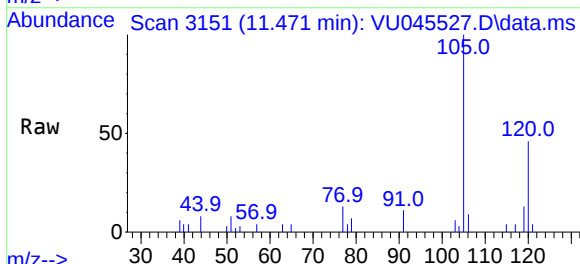
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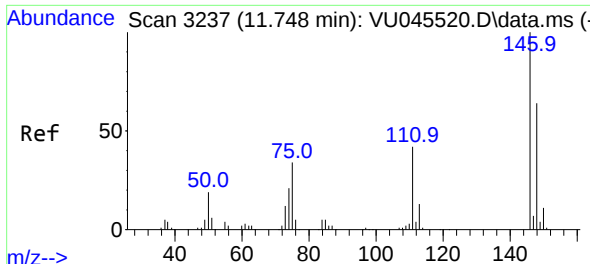
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021



#63
1,2,4-Trimethylbenzene
Concen: 0.189 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

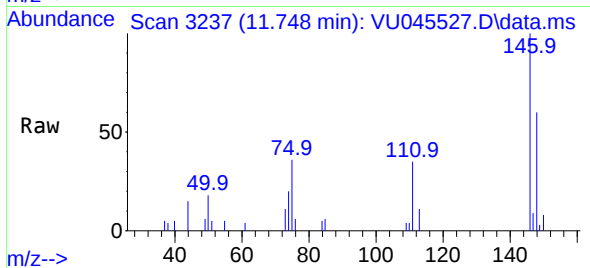
Tgt Ion:105 Resp: 7550
Ion Ratio Lower Upper
105 100
120 47.0 36.2 54.2





#64
1,3-Dichlorobenzene
Concen: 0.220 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

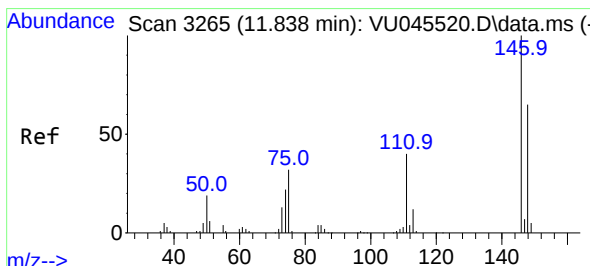
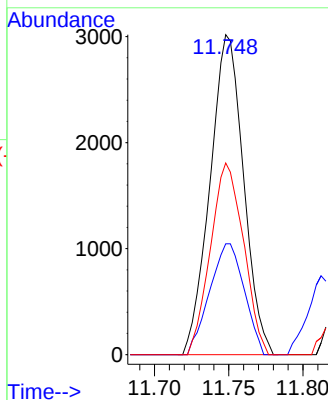
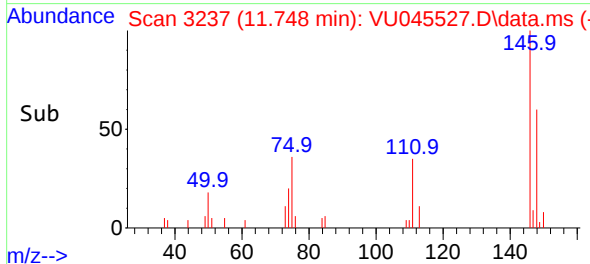
Instrument :
MSVOA_U
ClientSampleId :
MDL02



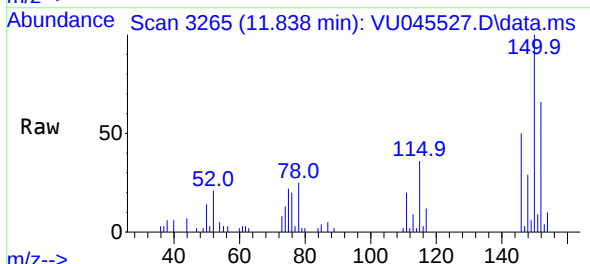
Tgt Ion:146 Resp: 4738
Ion Ratio Lower Upper
146 100
111 34.7 29.4 54.6
148 59.9 44.8 83.2

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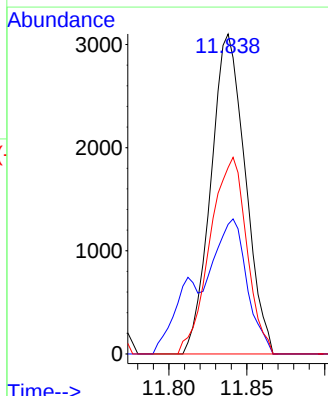
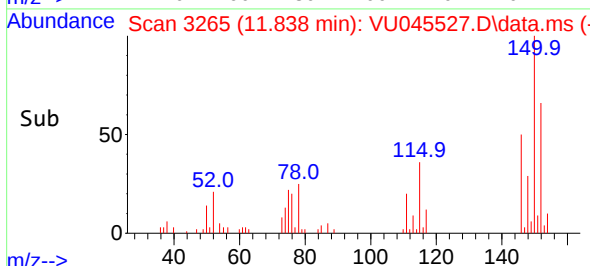
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021

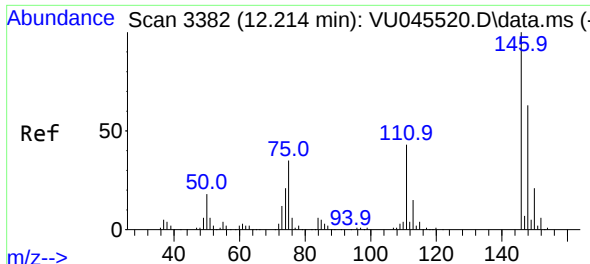


#65
1,4-Dichlorobenzene
Concen: 0.220 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27



Tgt Ion:146 Resp: 4747
Ion Ratio Lower Upper
146 100
111 40.5 28.3 52.5
148 58.3 45.2 84.0





#67

1,2-Dichlorobenzene

Concen: 0.219 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU045527.D

Acq: 03 Nov 2021 17:27

Instrument :

MSVOA_U

ClientSampleId :

MDL02

Tgt Ion:146 Resp: 4539

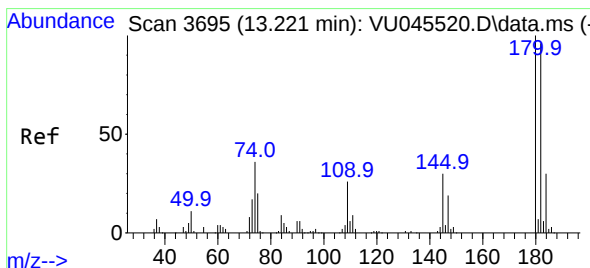
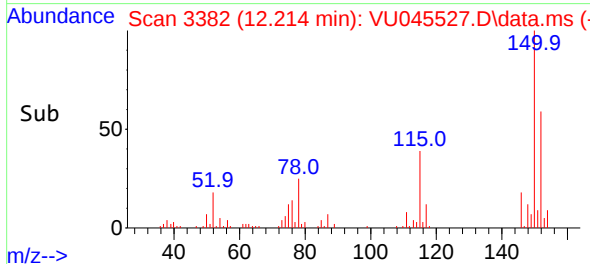
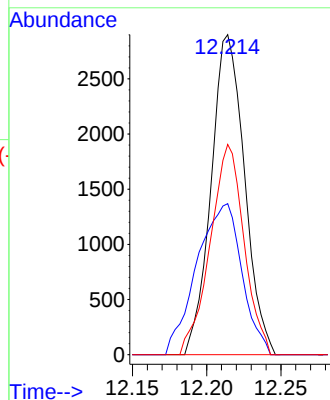
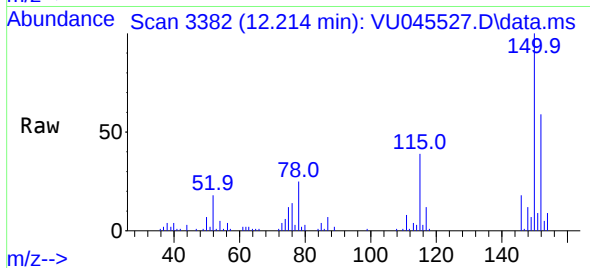
Ion	Ratio	Lower	Upper
146	100		
111	47.2	34.2	51.2
148	65.7	50.4	75.6

Manual Integrations

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Reviewed By :John Carlone 11/11/2021

Supervised By :Mahesh Dadoda 11/11/2021



#69

1,3,5-Trichlorobenzene

Concen: 0.210 ug/L

RT: 13.220 min Scan# 3695

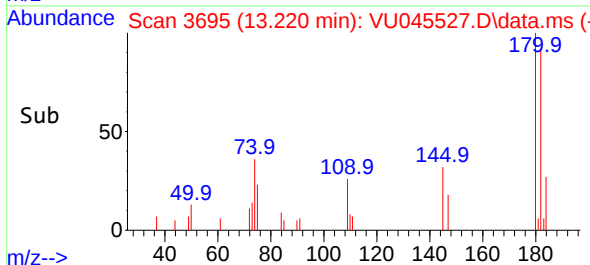
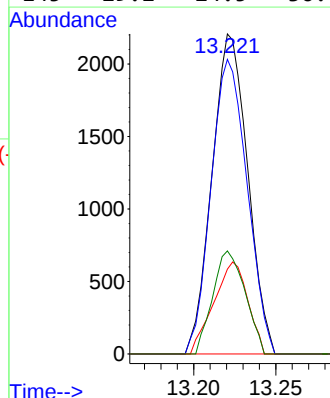
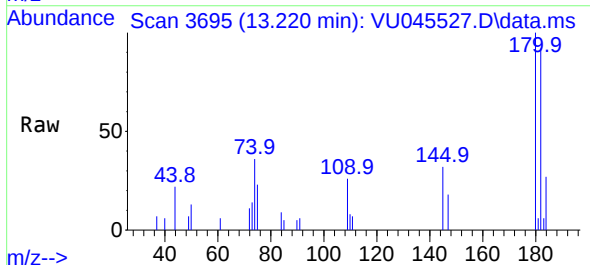
Delta R.T. -0.000 min

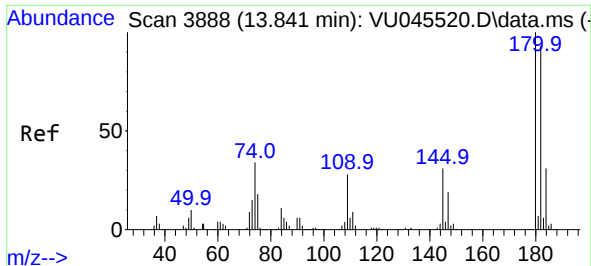
Lab File: VU045527.D

Acq: 03 Nov 2021 17:27

Tgt Ion:180 Resp: 3331

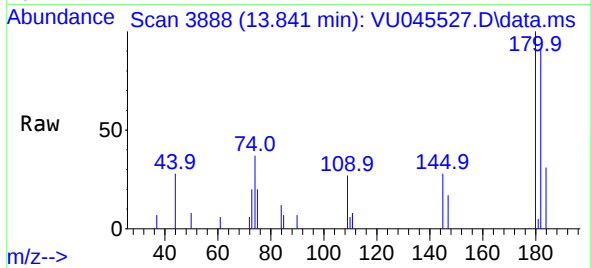
Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.2	114.2
184	27.4	23.9	35.9
145	29.2	24.5	36.7





#70
1,2,4-trichlorobenzene
Concen: 0.207 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27

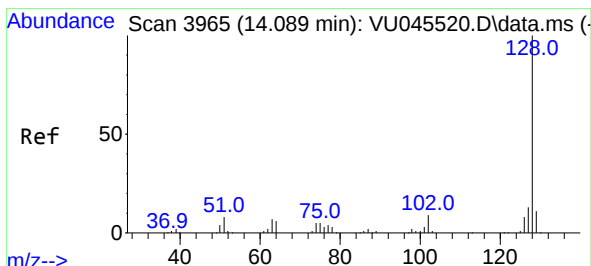
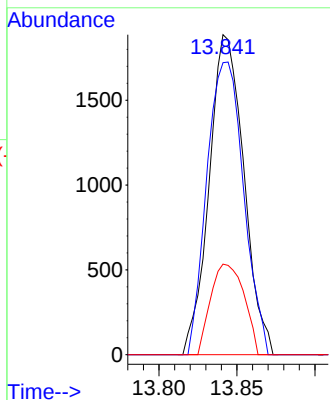
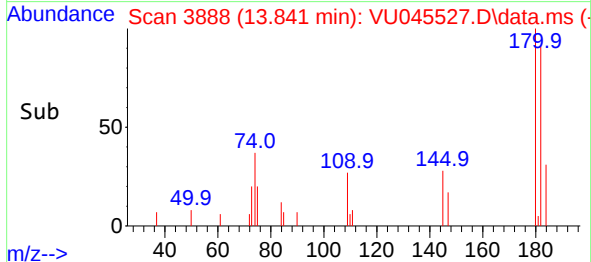
Instrument :
MSVOA_U
ClientSampleId :
MDL02



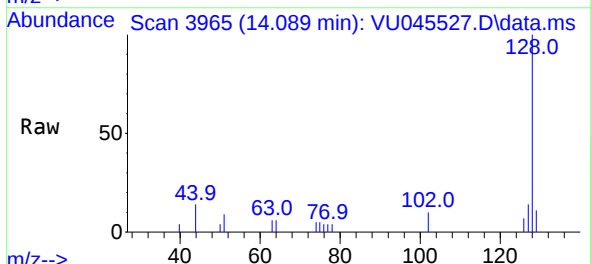
Tgt Ion:180 Resp: 2919
Ion Ratio Lower Upper
180 100
182 96.8 75.5 113.3
145 27.1 25.3 37.9

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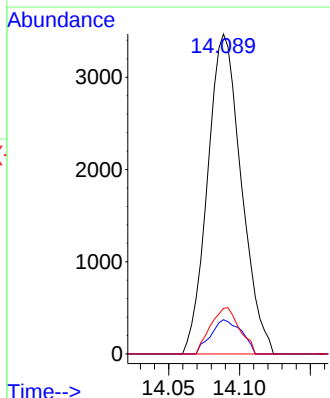
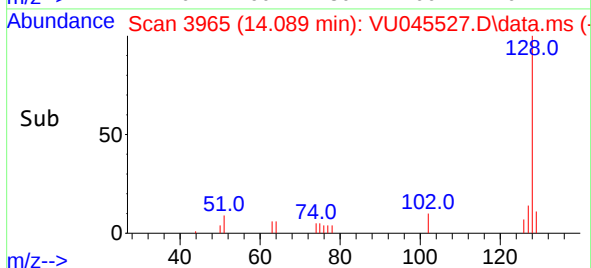
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021

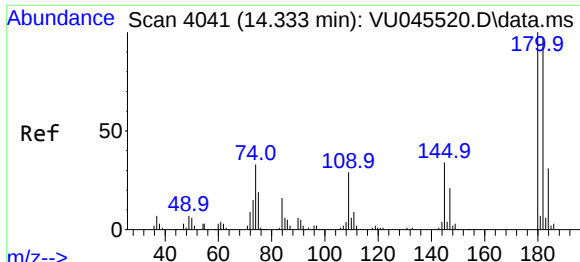


#71
Naphthalene
Concen: 0.189 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045527.D
Acq: 03 Nov 2021 17:27



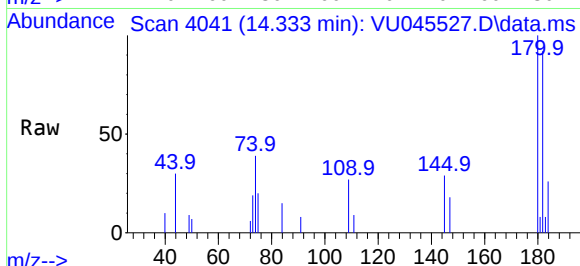
Tgt Ion:128 Resp: 5745
Ion Ratio Lower Upper
128 100
129 9.7 8.6 13.0
127 12.4 10.3 15.5





#72
 1,2,3-Trichlorobenzene
 Concen: 0.208 ug/L
 RT: 14.333 min Scan# 4041
 Delta R.T. -0.000 min
 Lab File: VU045527.D
 Acq: 03 Nov 2021 17:27

Instrument : MSVOA_U
 ClientSampleId : MDL02



Tgt Ion:	180	Resp:	278
Ion	Ratio	Lower	Upper
180	100		
182	85.1	77.0	115.4
145	29.9	27.4	41.2

Manual Integrations
 APPROVED

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

