

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111621\
 Data File : VU045802.D
 Acq On : 16 Nov 2021 12:25
 Operator : SY/MD
 Sample : MDL06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 16 17:08:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 03:04:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	91824	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	96034	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	44103	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	29129	4.004	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.916	69	25327	4.782	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.571	65	13021	4.267	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	4.649	46	106643	54.699	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.400%
24) Chloroform-d	5.070	84	55741	4.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.706	65	34708	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.732	84	116932	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.694	67	38265	4.591	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.902	98	100432	4.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	8.182	79	15468	4.571	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.636	63	79401	52.137	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.280%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36305	5.156	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	39070	5.159	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	1531	0.205	ug/L #	88
3) Chloromethane	1.520	50	2639	0.333	ug/L	100
5) Vinyl chloride	1.607	62	1903	0.239	ug/L	88
6) Bromomethane	1.861	94	966	0.205	ug/L	90
8) Chloroethane	1.938	64	1151	0.254	ug/L	93
9) Trichlorofluoromethane	2.144	101	2150	0.209	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	1559	0.259	ug/L #	80
12) 1,1-Dichloroethene	2.584	96	1342	0.236	ug/L #	1
13) Acetone	2.665	43	4259m	3.711	ug/L	
14) Carbon disulfide	2.800	76	3752	0.209	ug/L	100
15) Methyl Acetate	2.964	43	1239	0.440	ug/L #	51
16) Methylene chloride	3.051	84	2832	0.337	ug/L	94
17) Methyl tert-butyl Ether	3.366	73	2826	0.191	ug/L	93
18) trans-1,2-Dichloroethene	3.356	96	1278	0.210	ug/L	86
19) 1,1-Dichloroethane	3.877	63	2135	0.187	ug/L	97
21) 2-Butanone	4.732	43	6610m	3.424	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	1351	0.205	ug/L	87
23) Bromochloromethane	4.980	128	592	0.206	ug/L #	87
25) Chloroform	5.092	83	8312	0.671	ug/L	95

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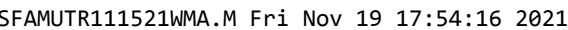
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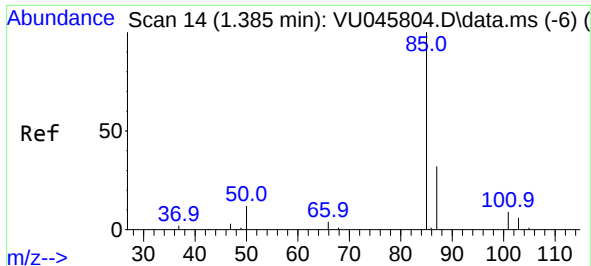
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	1769	0.224	ug/L #	73
29) 1,1,1-Trichloroethane	5.321	97	2112	0.202	ug/L	93
30) Cyclohexane	5.398	56	1805	0.174	ug/L	96
31) Carbon tetrachloride	5.533	117	1568	0.179	ug/L	96
33) Benzene	5.780	78	5409	0.202	ug/L	100
34) Trichloroethene	6.546	95	1365	0.198	ug/L	94
35) Methylcyclohexane	6.767	83	1812	0.171	ug/L	99
37) 1,2-Dichloropropane	6.796	63	1378	0.195	ug/L #	88
38) Bromodichloromethane	7.111	83	1622	0.186	ug/L #	92
39) cis-1,3-Dichloropropene	7.610	75	1871	0.187	ug/L	89
40) 4-Methyl-2-pentanone	7.796	43	8954	1.936	ug/L #	88
42) Toluene	7.973	91	6863	0.248	ug/L	95
44) trans-1,3-Dichloropropene	8.214	75	1488	0.171	ug/L	89
45) 1,1,2-Trichloroethane	8.407	97	931	0.178	ug/L #	79
47) Tetrachloroethene	8.558	164	879	0.182	ug/L	80
48) 2-Hexanone	8.690	43	13508	4.042	ug/L #	97
49) Dibromochloromethane	8.809	129	1168	0.196	ug/L	92
50) 1,2-Dibromoethane	8.925	107	1049	0.213	ug/L #	84
51) Chlorobenzene	9.449	112	3623	0.209	ug/L	91
52) Ethylbenzene	9.571	91	5565	0.192	ug/L	98
53) m,p-Xylene	9.697	106	1922	0.173	ug/L	83
54) o-Xylene	10.102	106	1861	0.174	ug/L	87
55) Styrene	10.118	104	2959	0.164	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.783	83	1525	0.227	ug/L #	86
59) Bromoform	10.291	173	570	0.195	ug/L #	92
60) Isopropylbenzene	10.488	105	4749	0.183	ug/L	97
61) 1,2,3-Trichloropropane	10.825	75	1175	0.257	ug/L #	88
62) 1,3,5-Trimethylbenzene	11.092	105	3555	0.168	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	3423	0.161	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	2619	0.217	ug/L	94
65) 1,4-Dichlorobenzene	11.838	146	3677	0.300	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	2826	0.244	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	1720	0.190	ug/L	95
70) 1,2,4-trichlorobenzene	13.841	180	1572	0.206	ug/L	98
71) Naphthalene	14.089	128	2789	0.178	ug/L #	96
72) 1,2,3-Trichlorobenzene	14.333	180	1554	0.204	ug/L #	87

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

Manual Integrations

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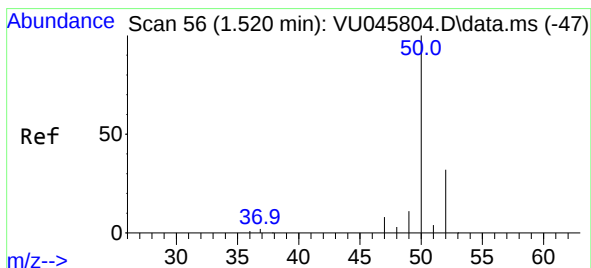
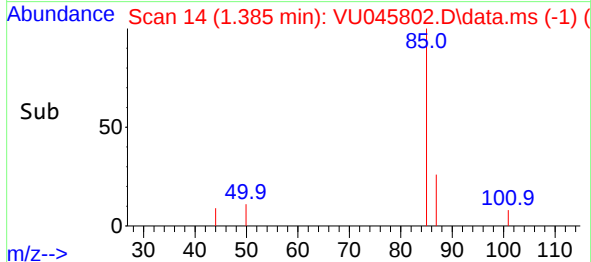
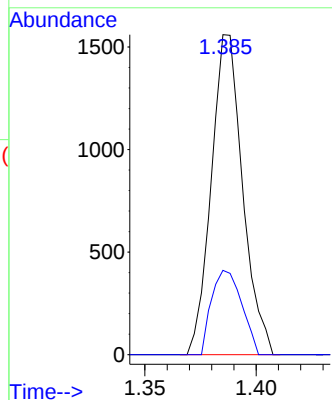
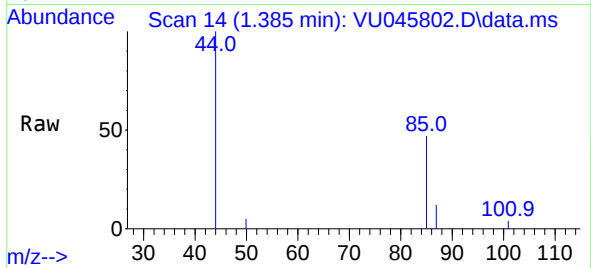
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Dichlorodifluoromethane
Concen: 0.205 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 85 Resp: 153
Ion Ratio Lower Upper
85 100
87 25.2 25.8 38.6

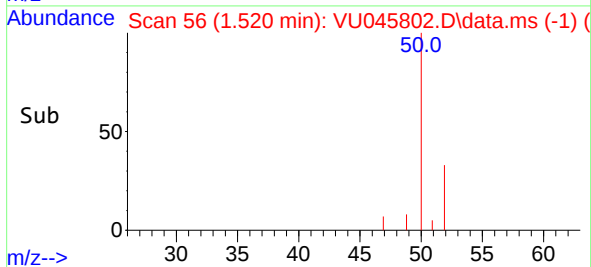
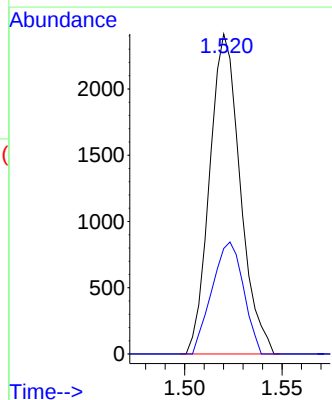
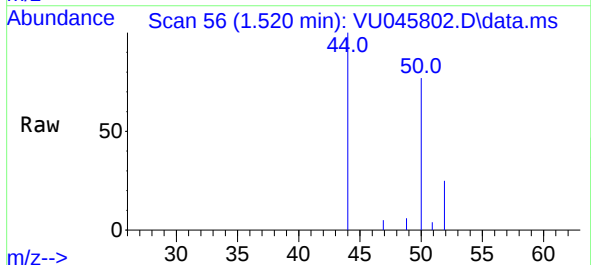
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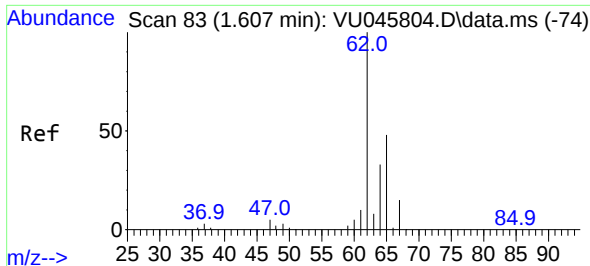
Reviewed By :John Carlone 11/17/2021
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#3
Chloromethane
Concen: 0.333 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

Tgt Ion: 50 Resp: 2639
Ion Ratio Lower Upper
50 100
52 33.0 23.0 42.8





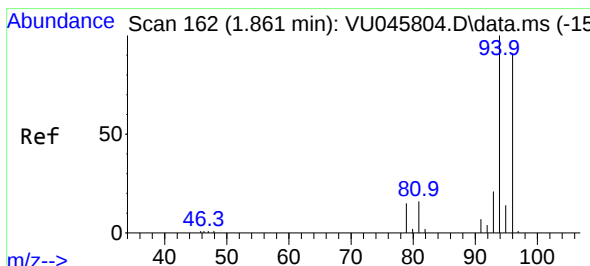
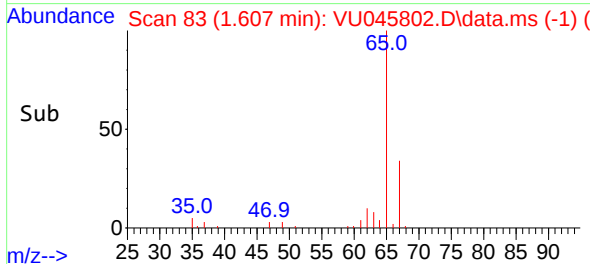
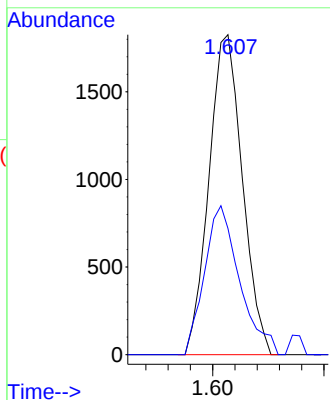
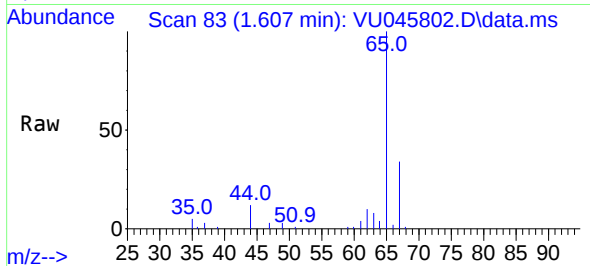
#5
 Vinyl chloride
 Concen: 0.239 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.003 min
 Lab File: VU045802.D
 Acq: 16 Nov 2021 12:25

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Tgt Ion: 62 Resp: 190
 Ion Ratio Lower Upper
 62 100
 64 39.4 22.9 42.5

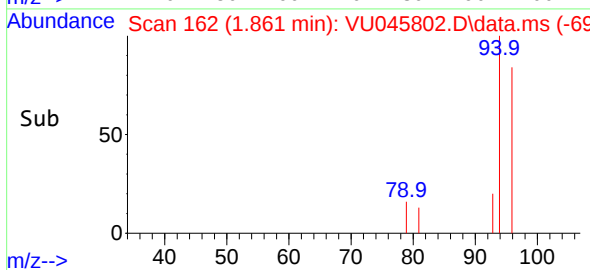
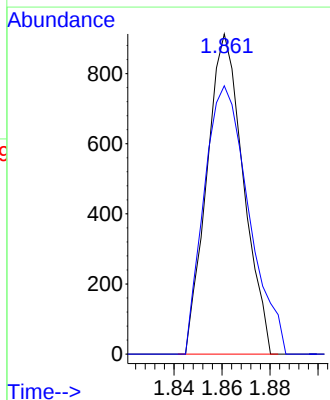
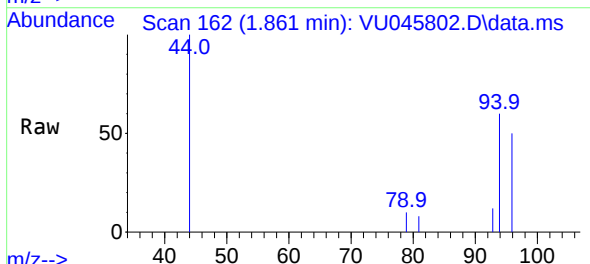
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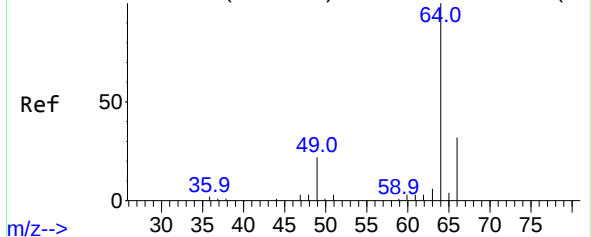


#6
 Bromomethane
 Concen: 0.205 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU045802.D
 Acq: 16 Nov 2021 12:25

Tgt Ion: 94 Resp: 966
 Ion Ratio Lower Upper
 94 100
 96 83.8 65.5 121.6



Abundance Scan 186 (1.938 min): VU045804.D\data.ms (-17



#8

Chloroethane

Concen: 0.254 ug/L

RT: 1.938 min Scan# 115

Delta R.T. -0.000 min

Lab File: VU045802.D

Acq: 16 Nov 2021 12:25

Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tgt Ion: 64 Resp: 115

Ion Ratio Lower Upper

64 100

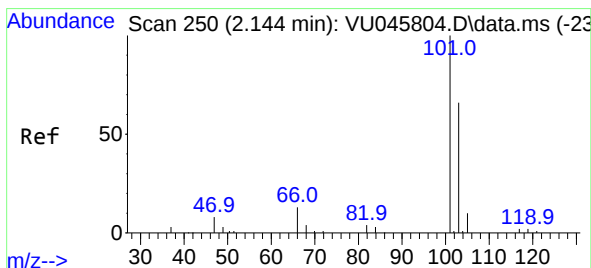
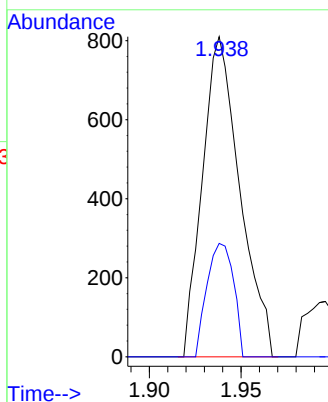
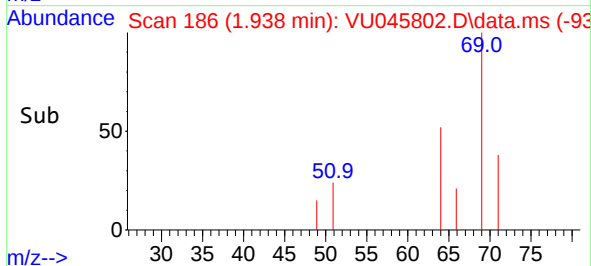
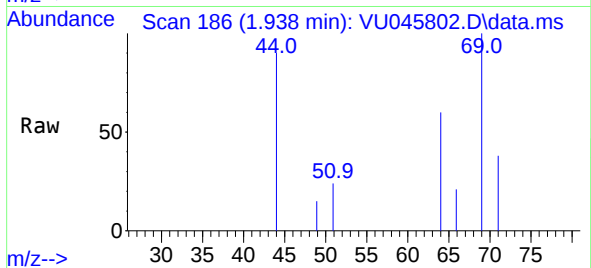
66 35.4 22.1 41.1

Manual Integrations

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#9

Trichlorofluoromethane

Concen: 0.209 ug/L

RT: 2.144 min Scan# 250

Delta R.T. 0.003 min

Lab File: VU045802.D

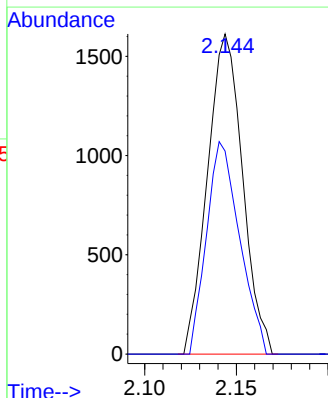
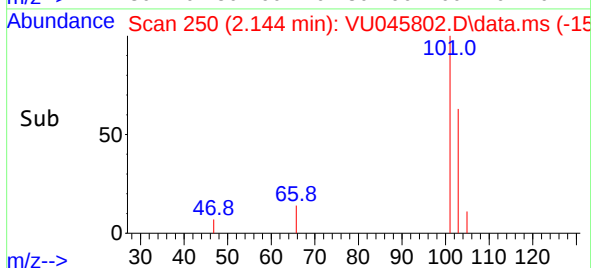
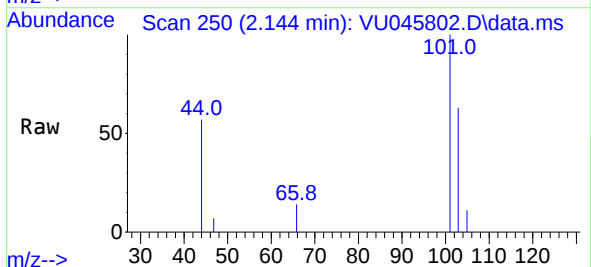
Acq: 16 Nov 2021 12:25

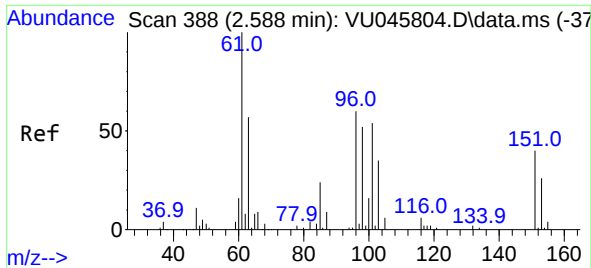
Tgt Ion:101 Resp: 2150

Ion Ratio Lower Upper

101 100

103 62.5 51.5 77.3





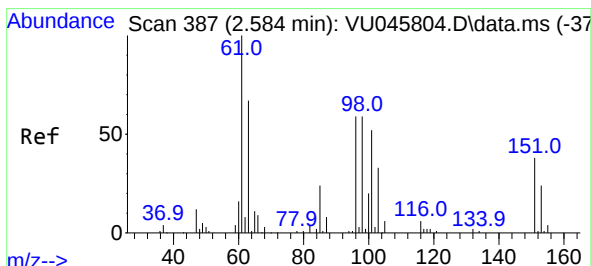
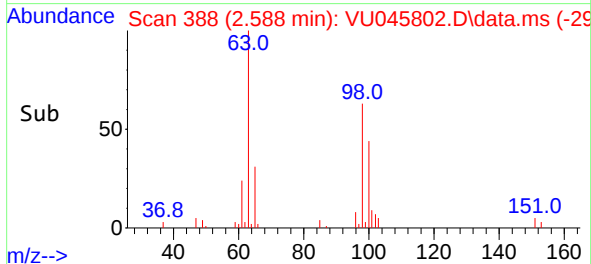
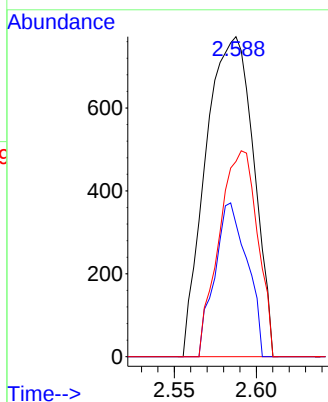
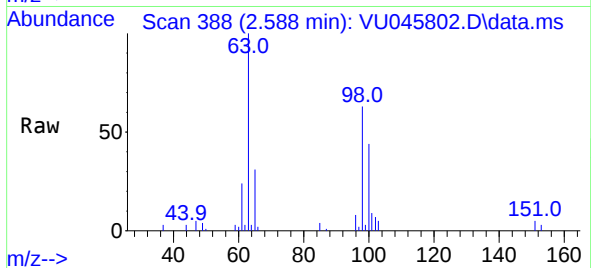
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.259 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.006 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

Instrument :
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ClientSampleId :
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Tgt Ion: 101 Resp: 1558
Ion Ratio Lower Upper
101 100
85 32.5 34.6 51.8
151 51.8 56.1 84.1

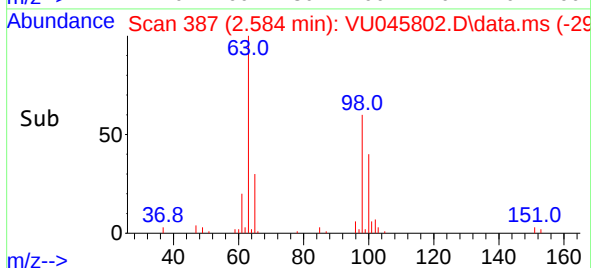
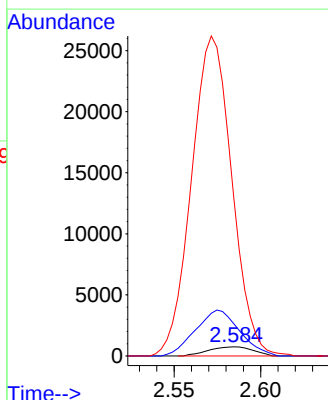
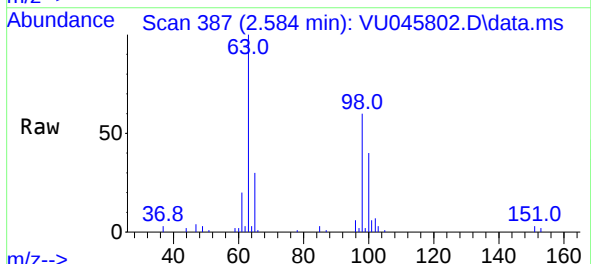
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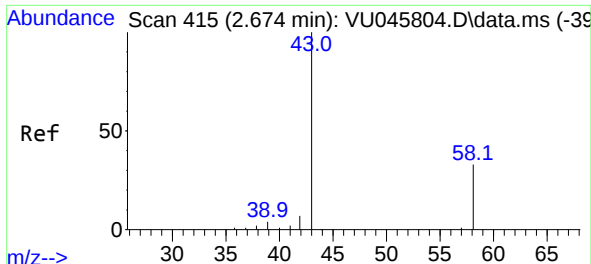
Reviewed By : John Carlone 11/17/2021
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#12
1,1-Dichloroethene
Concen: 0.236 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

Tgt Ion: 96 Resp: 1342
Ion Ratio Lower Upper
96 100
61 356.7 124.7 231.5#
63 1761.9 105.2 195.4#





#13

Acetone

Concen: 3.711 ug/L m

RT: 2.665 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU045802.D

Acq: 16 Nov 2021 12:25

Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tgt Ion: 43 Resp: 425

Ion Ratio Lower Upper

43 100

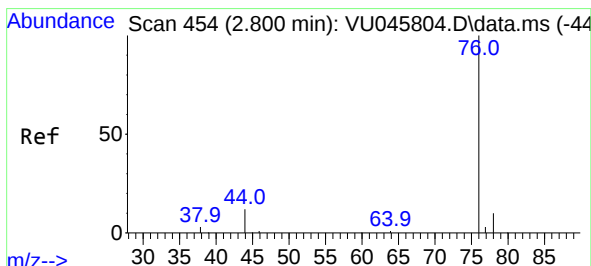
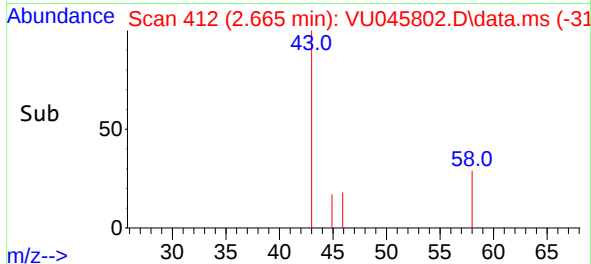
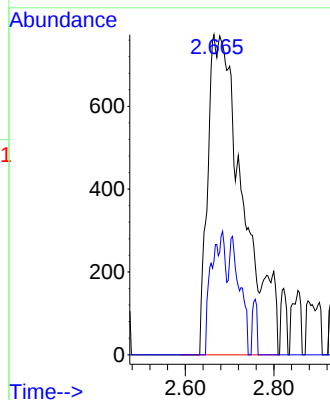
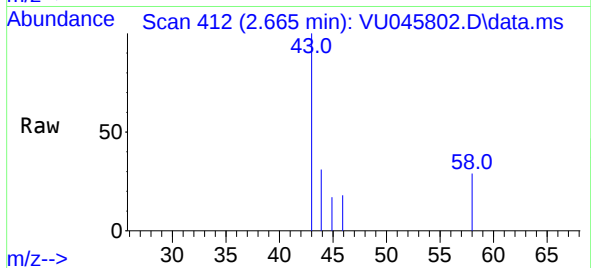
58 8.8 0.0 71.6

Manual Integrations

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#14

Carbon disulfide

Concen: 0.209 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.003 min

Lab File: VU045802.D

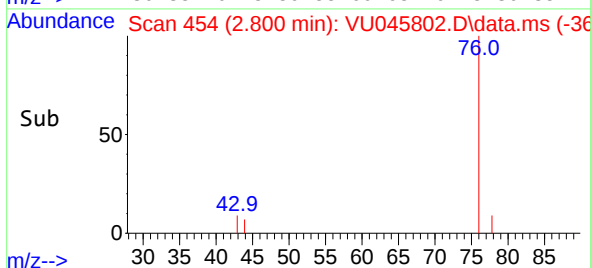
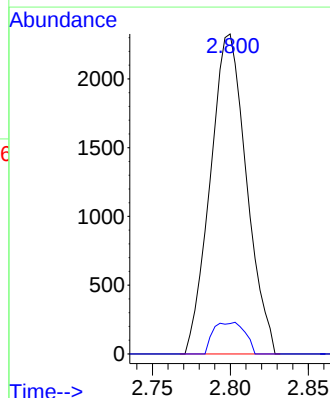
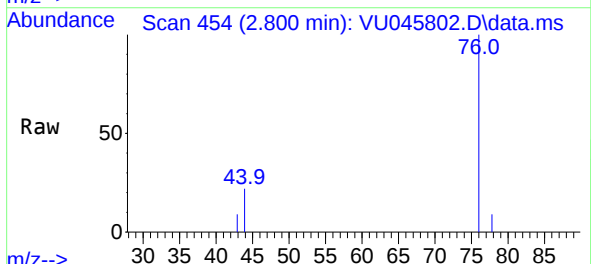
Acq: 16 Nov 2021 12:25

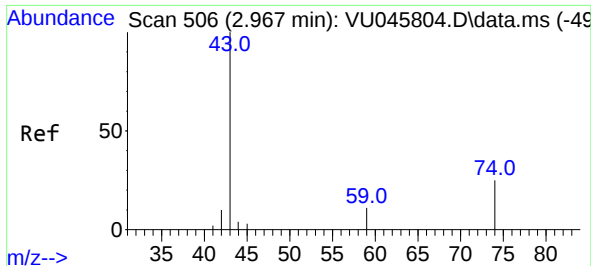
Tgt Ion: 76 Resp: 3752

Ion Ratio Lower Upper

76 100

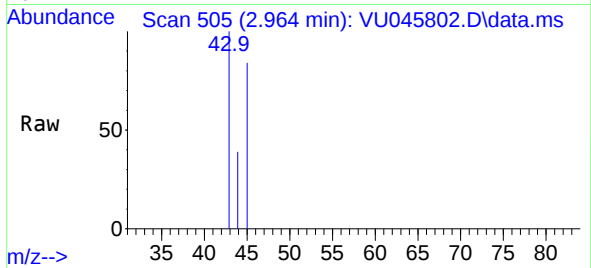
78 9.5 7.5 11.3





#15
Methyl Acetate
Concen: 0.440 ug/L
RT: 2.964 min Scan# 506
Delta R.T. 0.003 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

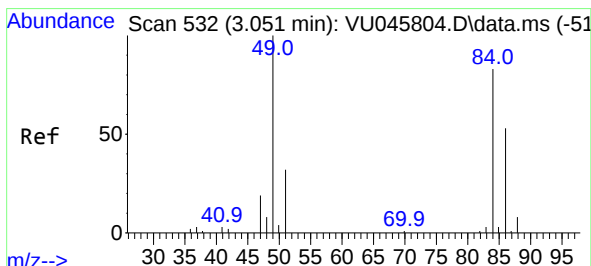
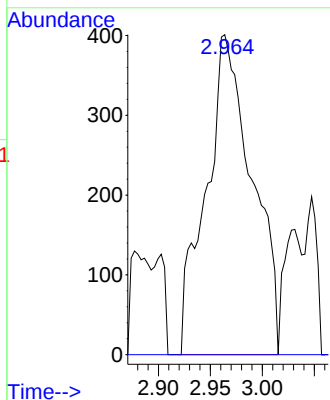
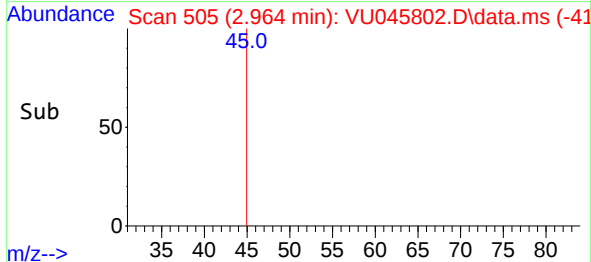
Instrument :
MSVOA_U
ClientSampleId :
MDL06



Tgt Ion: 43 Resp: 1239
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7

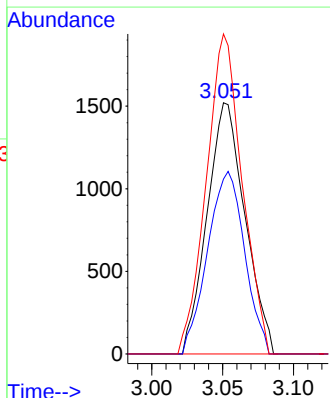
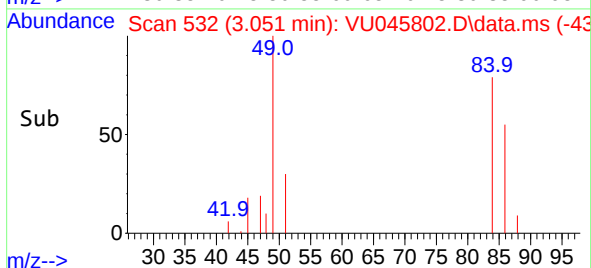
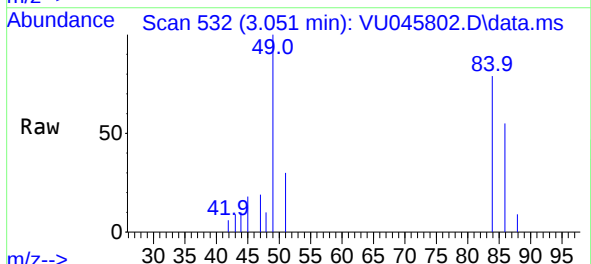
Manual Integrations
APPROVED

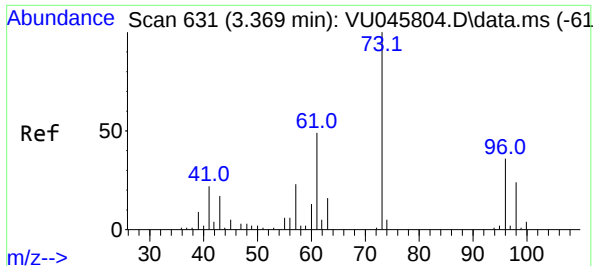
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#16
Methylene chloride
Concen: 0.337 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

Tgt Ion: 84 Resp: 2832
Ion Ratio Lower Upper
84 100
86 69.6 45.8 85.0
49 127.4 84.5 156.9





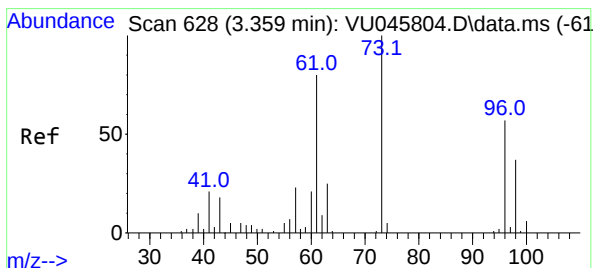
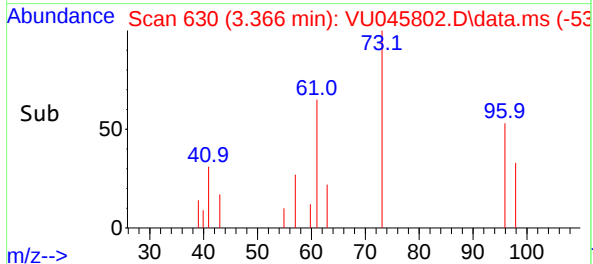
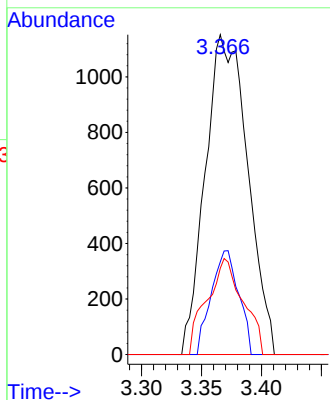
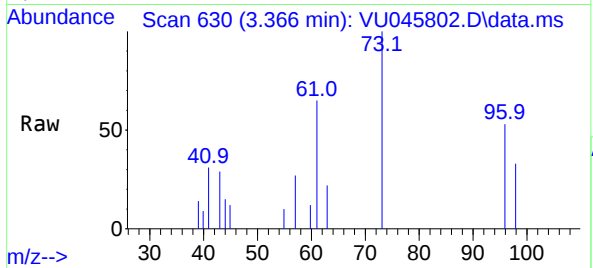
#17
Methyl tert-butyl Ether
Concen: 0.191 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 73 Resp: 2820
Ion Ratio Lower Upper
73 100
43 21.0 14.8 22.2
57 25.7 17.4 26.0

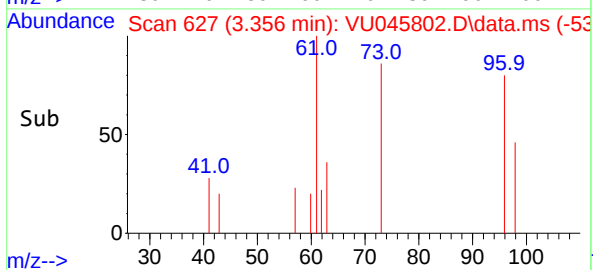
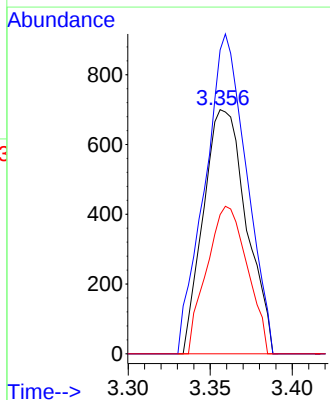
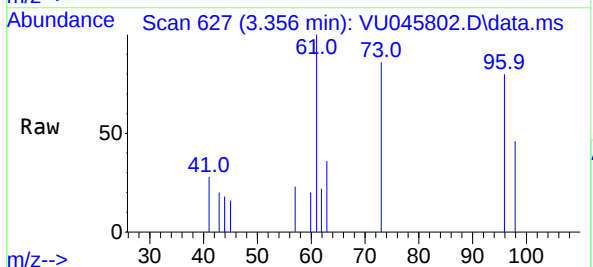
Manual Integrations
APPROVED

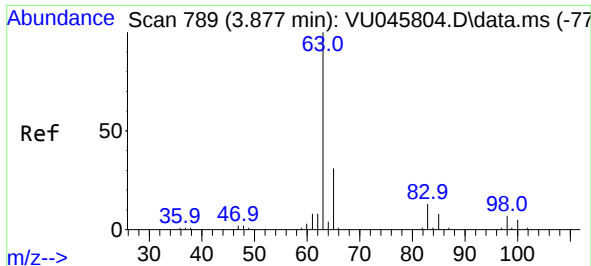
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#18
trans-1,2-Dichloroethene
Concen: 0.210 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.000 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

Tgt Ion: 96 Resp: 1278
Ion Ratio Lower Upper
96 100
61 124.4 100.8 187.2
98 57.0 45.1 83.7





#19

1,1-Dichloroethane

Concen: 0.187 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.003 min

Lab File: VU045802.D

Acq: 16 Nov 2021 12:25

Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tgt Ion: 63 Resp: 213

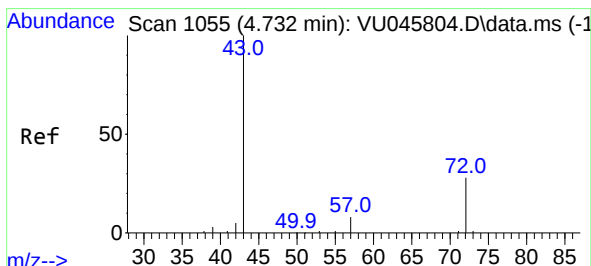
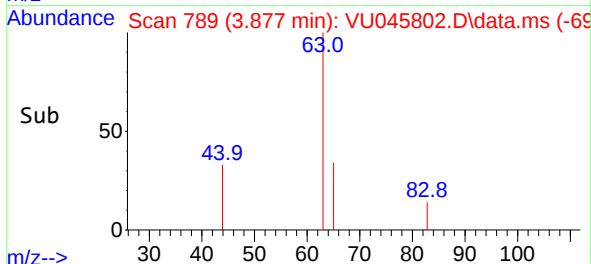
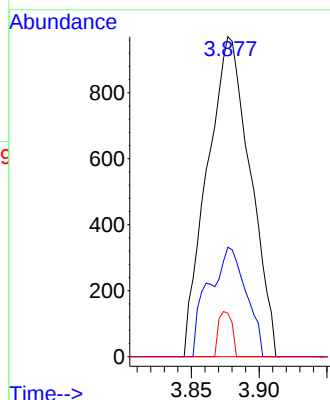
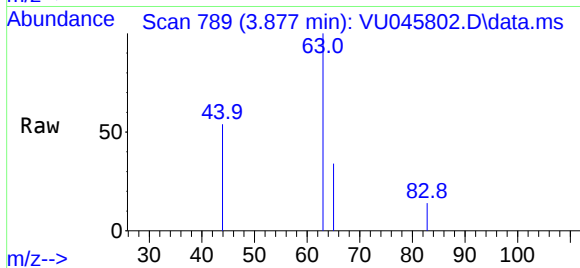
Ion	Ratio	Lower	Upper
63	100		
65	34.2	22.3	41.5
83	13.6	9.6	17.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#21

2-Butanone

Concen: 3.424 ug/L m

RT: 4.732 min Scan# 1055

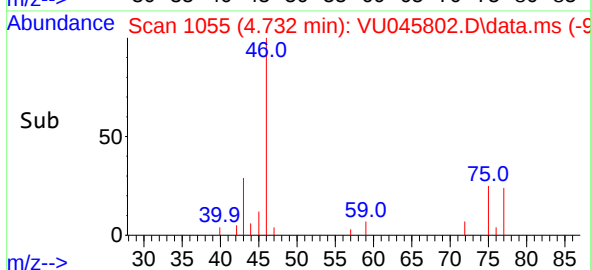
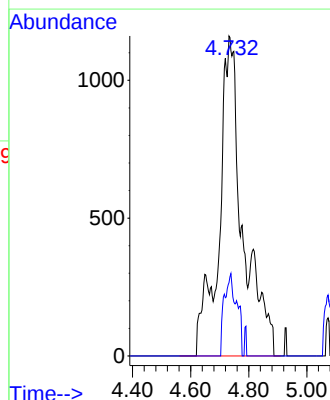
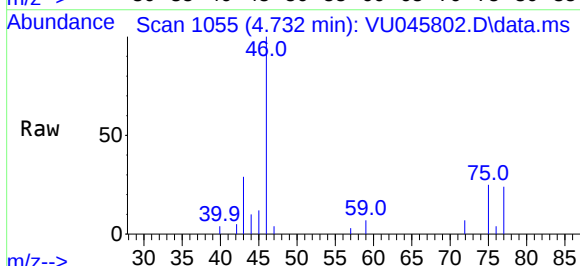
Delta R.T. 0.010 min

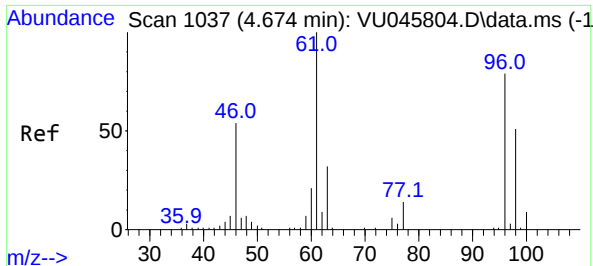
Lab File: VU045802.D

Acq: 16 Nov 2021 12:25

Tgt Ion: 43 Resp: 6610

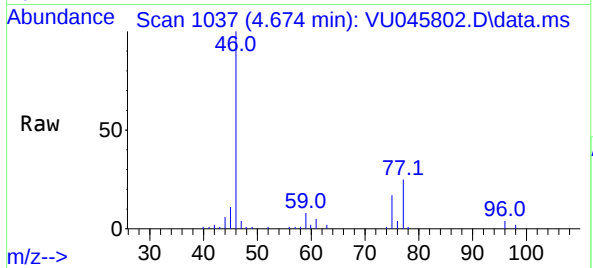
Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.1	42.3#





#22
cis-1,2-Dichloroethene
Concen: 0.205 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

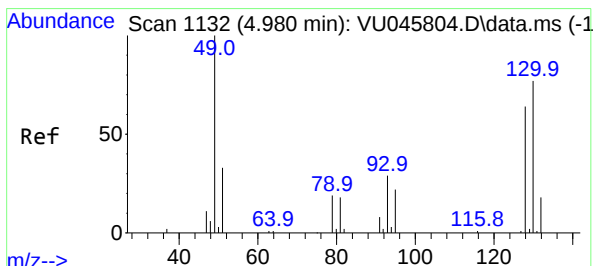
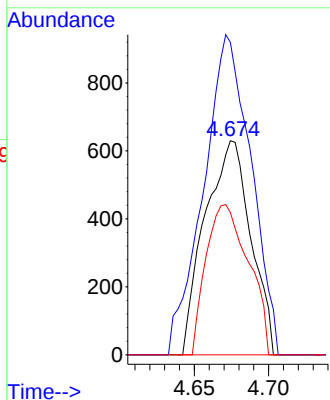
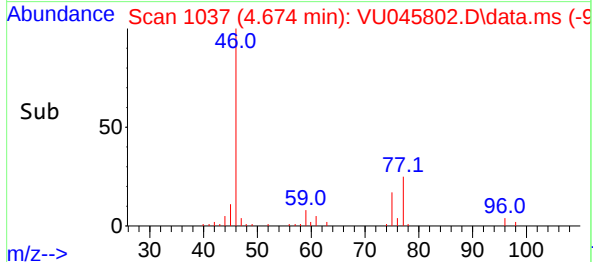
Instrument :
MSVOA_U
ClientSampleId :
MDL06



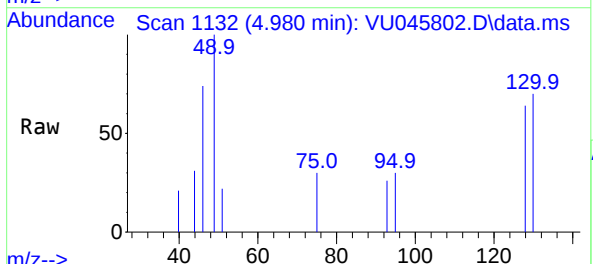
Tgt Ion: 96 Resp: 135
Ion Ratio Lower Upper
96 100
61 146.0 88.5 164.3
98 66.5 44.4 82.5

Manual Integrations
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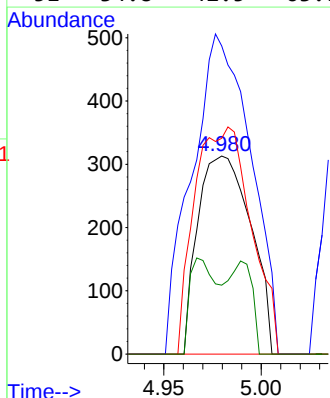
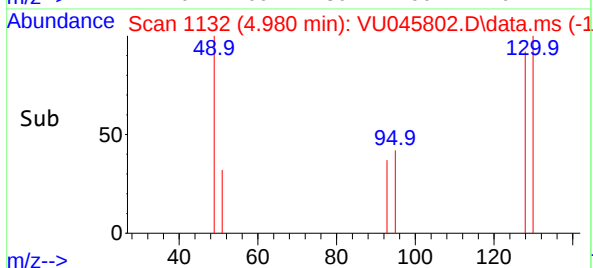
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

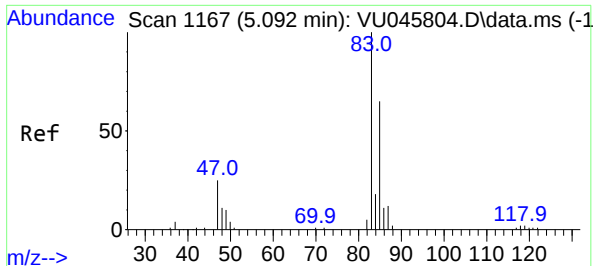


#23
Bromochloromethane
Concen: 0.206 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25



Tgt Ion:128 Resp: 592
Ion Ratio Lower Upper
128 100
49 155.6 117.0 217.2
130 108.9 88.2 163.8
51 34.8 42.5 63.7#





#25

Chloroform

Concen: 0.671 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU045802.D

Acq: 16 Nov 2021 12:25

Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tgt Ion: 83 Resp: 831

Ion Ratio Lower Upper

83 100

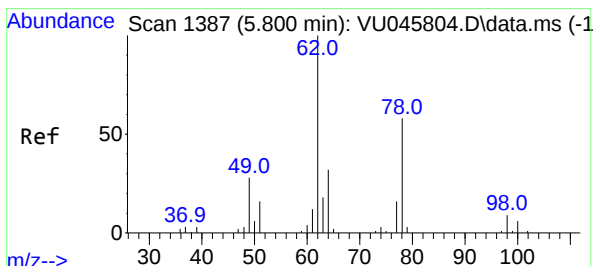
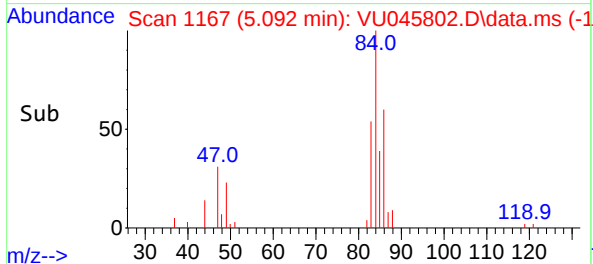
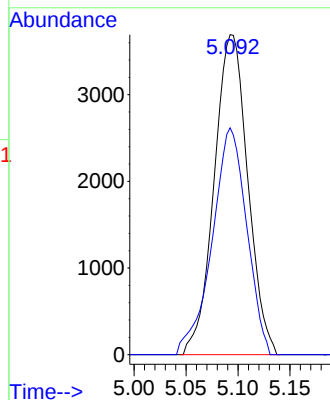
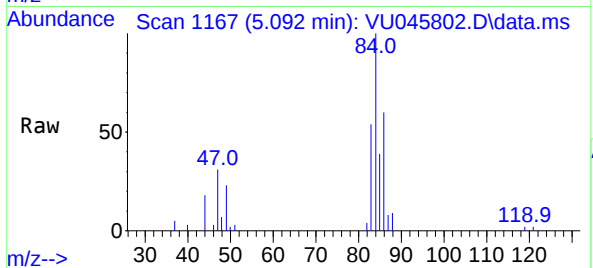
85 70.9 46.9 87.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#27

1,2-Dichloroethane

Concen: 0.224 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. 0.003 min

Lab File: VU045802.D

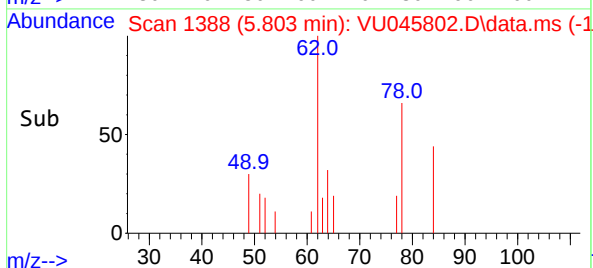
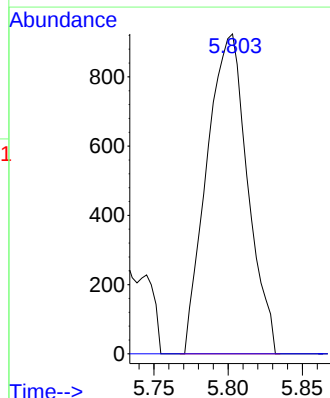
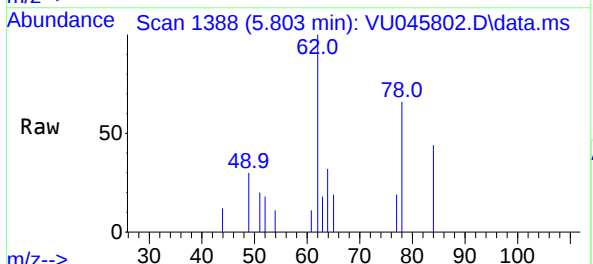
Acq: 16 Nov 2021 12:25

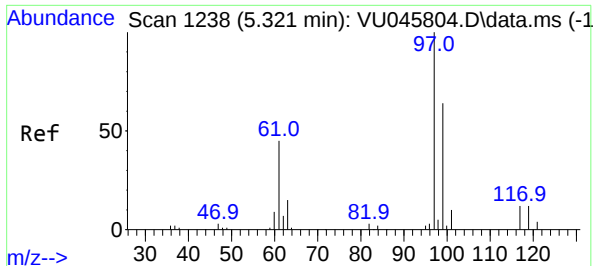
Tgt Ion: 62 Resp: 1769

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8





#29
1,1,1-Trichloroethane
Concen: 0.202 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

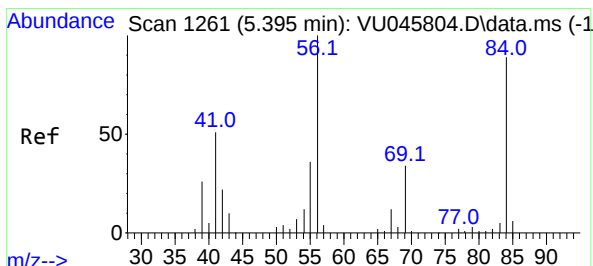
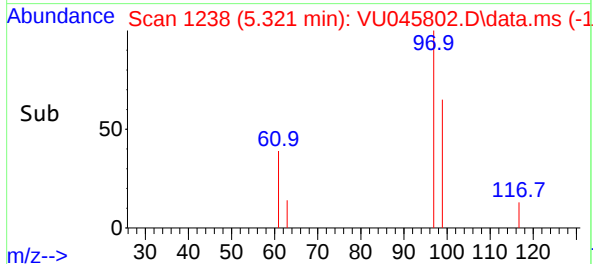
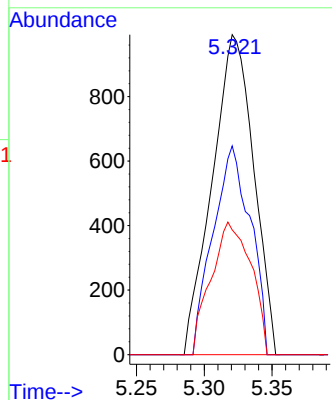
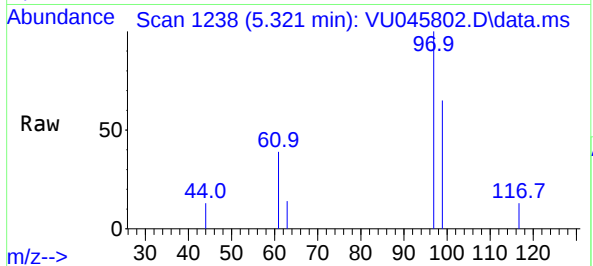
Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 97 Resp: 211

Ion	Ratio	Lower	Upper
97	100		
99	58.9	51.3	76.9
61	39.9	36.1	54.1

Manual Integrations
APPROVED

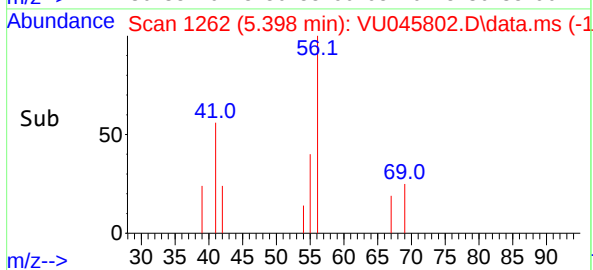
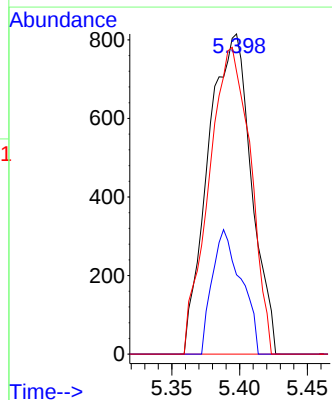
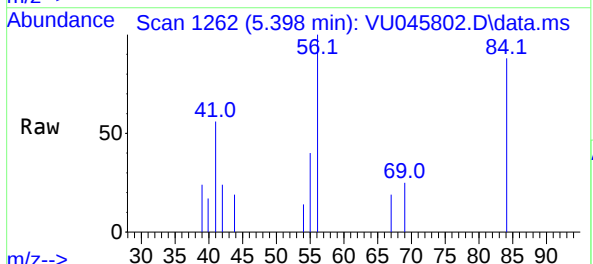
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

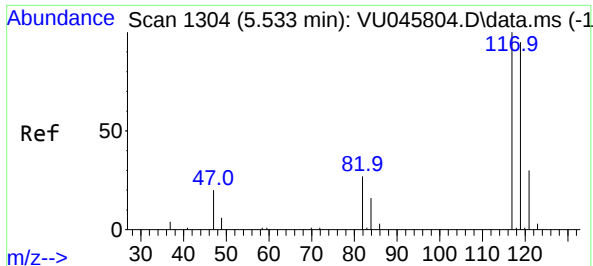


#30
Cyclohexane
Concen: 0.174 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

Tgt Ion: 56 Resp: 1805

Ion	Ratio	Lower	Upper
56	100		
69	26.1	24.7	37.1
84	92.1	71.8	107.6





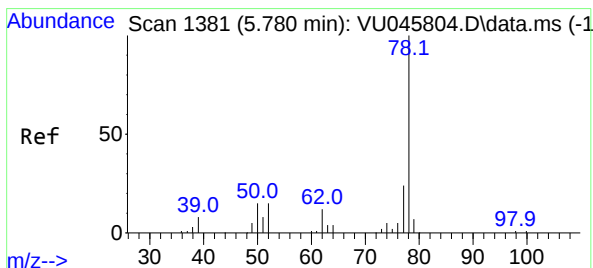
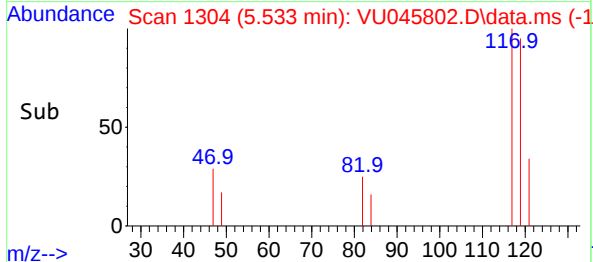
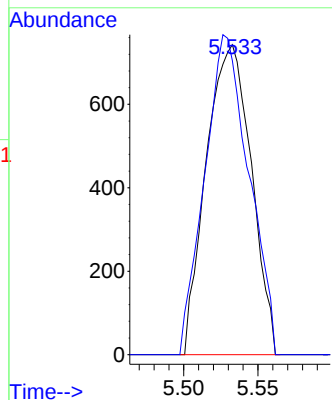
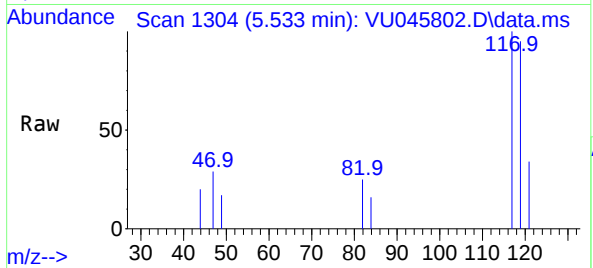
#31
Carbon tetrachloride
Concen: 0.179 ug/L
RT: 5.533 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:117 Resp: 1568
Ion Ratio Lower Upper
117 100
119 101.1 77.5 116.3

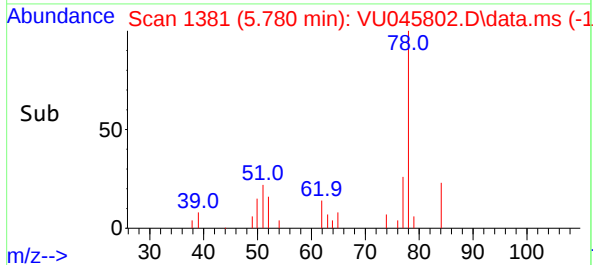
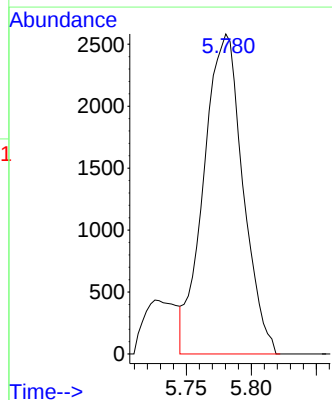
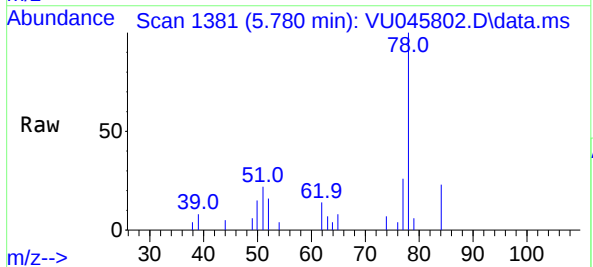
Manual Integrations
APPROVED

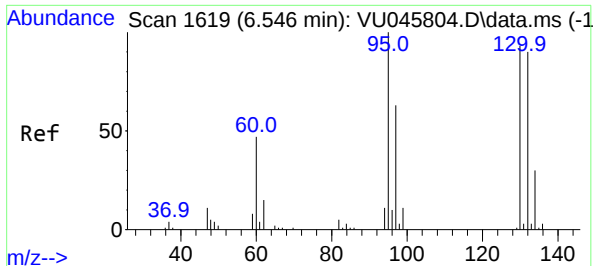
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#33
Benzene
Concen: 0.202 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

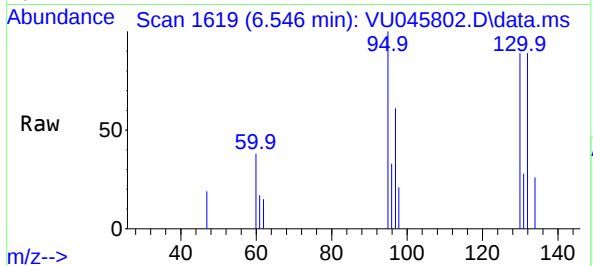
Tgt Ion: 78 Resp: 5409





#34
Trichloroethene
Concen: 0.198 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

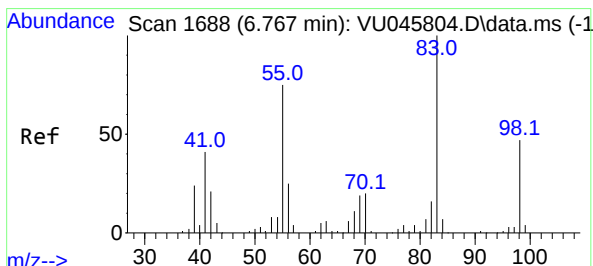
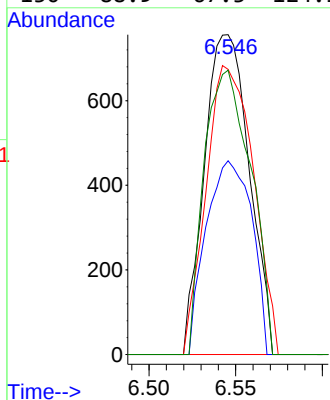
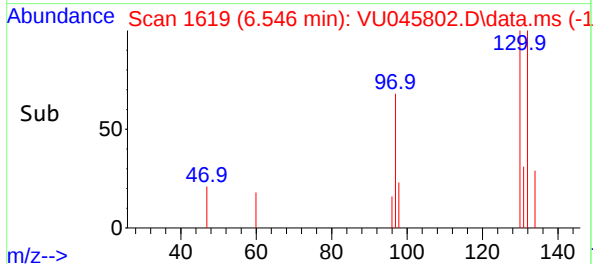
Instrument :
MSVOA_U
ClientSampleId :
MDL06



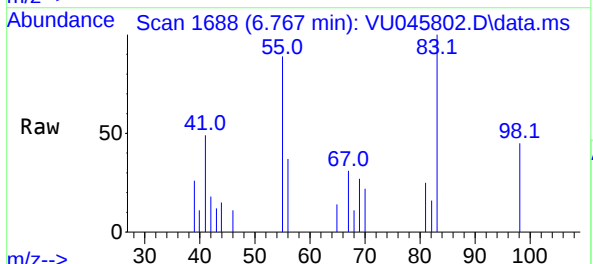
Tgt Ion: 95 Resp: 136
Ion Ratio Lower Upper
95 100
97 60.6 46.5 86.5
132 89.2 65.1 120.9
130 88.9 67.3 124.9

Manual Integrations
APPROVED

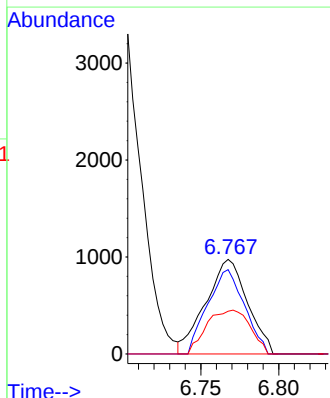
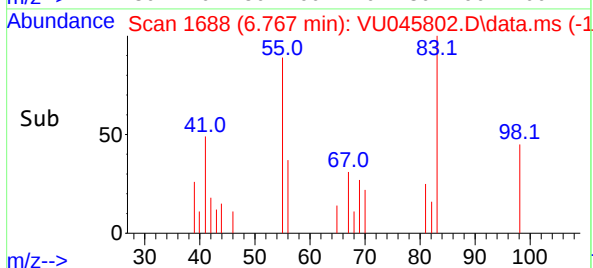
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

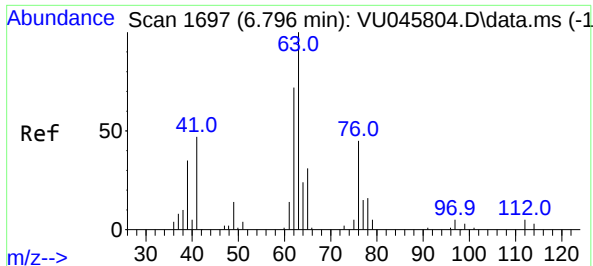


#35
Methylcyclohexane
Concen: 0.171 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25



Tgt Ion: 83 Resp: 1812
Ion Ratio Lower Upper
83 100
55 78.8 61.9 92.9
98 48.4 39.0 58.6





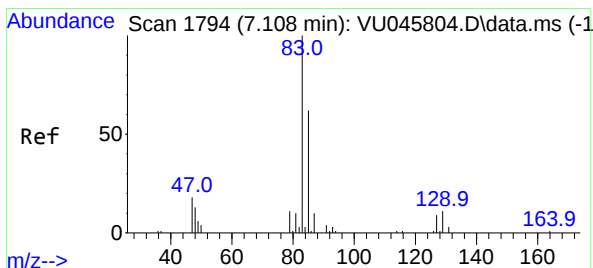
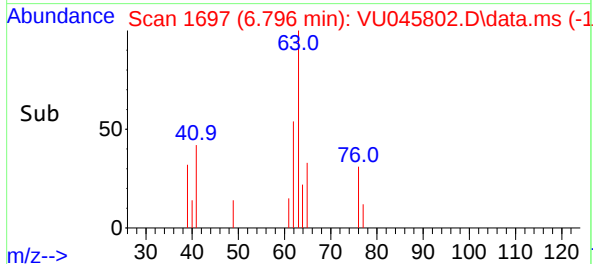
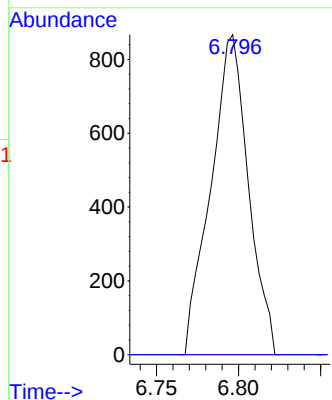
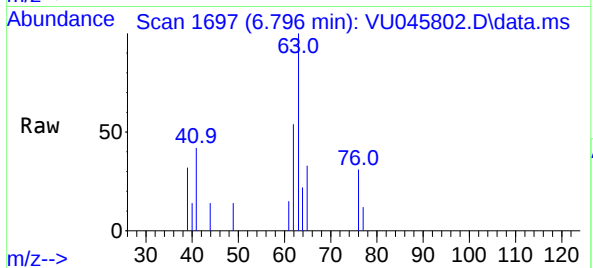
#37
1,2-Dichloropropane
Concen: 0.195 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 63 Resp: 1378
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8

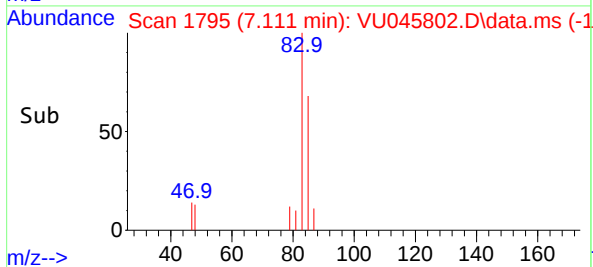
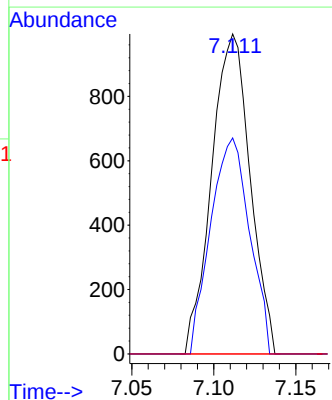
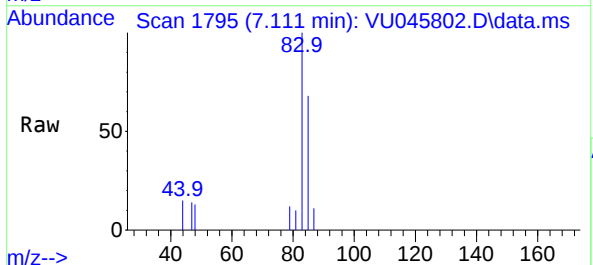
Manual Integrations
APPROVED

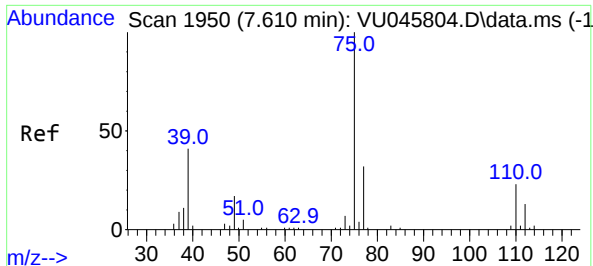
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#38
Bromodichloromethane
Concen: 0.186 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

Tgt Ion: 83 Resp: 1622
Ion Ratio Lower Upper
83 100
85 67.5 44.0 81.8
127 0.0 6.3 9.5





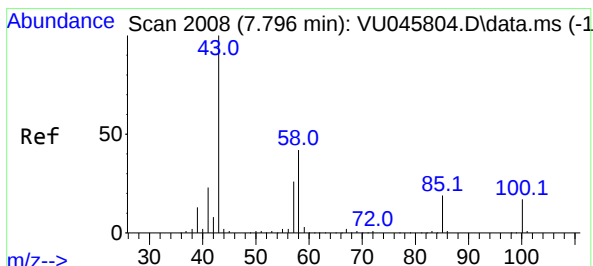
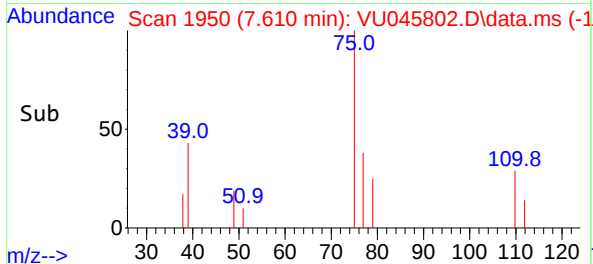
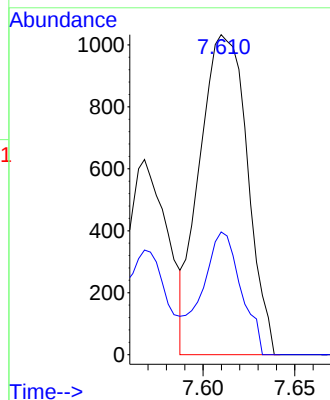
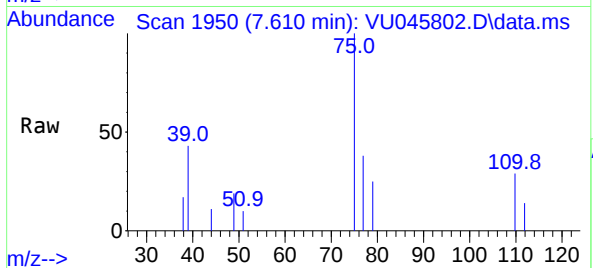
#39
cis-1,3-Dichloropropene
Concen: 0.187 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

Instrument : MSVOA_U
ClientSampleId : MDL06

Tgt Ion: 75 Resp: 187
Ion Ratio Lower Upper
75 100
77 38.3 22.5 41.9

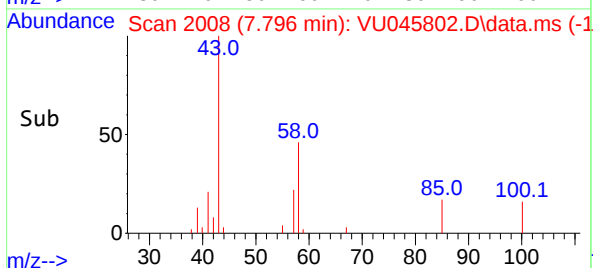
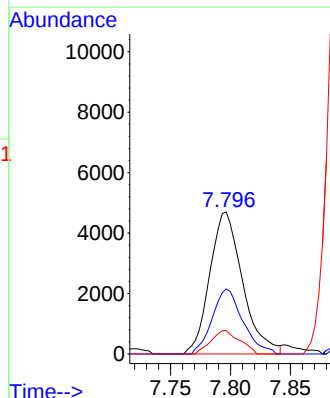
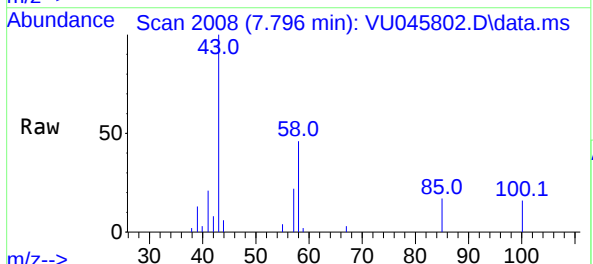
Manual Integrations
APPROVED

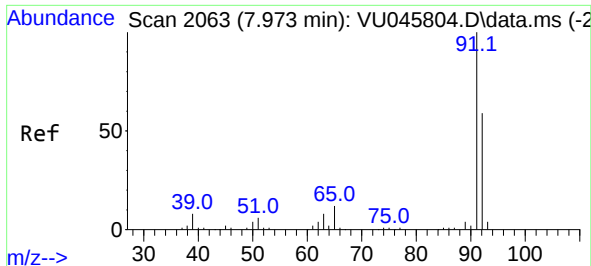
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#40
4-Methyl-2-pentanone
Concen: 1.936 ug/L
RT: 7.796 min Scan# 2008
Delta R.T. -0.000 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

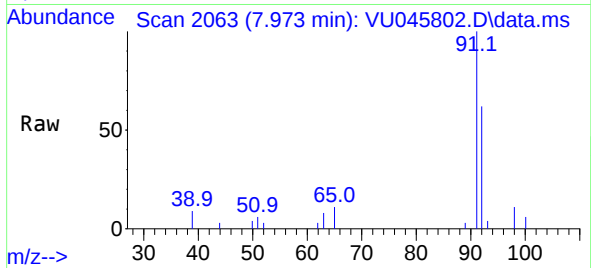
Tgt Ion: 43 Resp: 8954
Ion Ratio Lower Upper
43 100
58 42.5 33.1 49.7
100 0.0 13.2 19.8#





#42
Toluene
Concen: 0.248 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

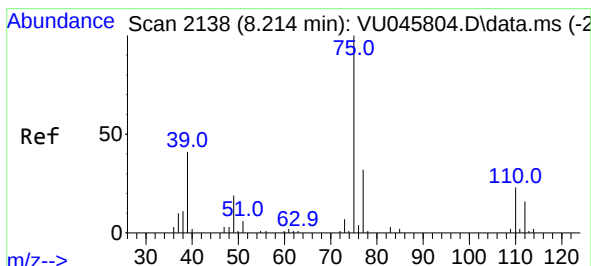
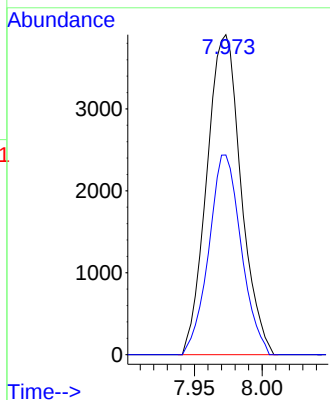
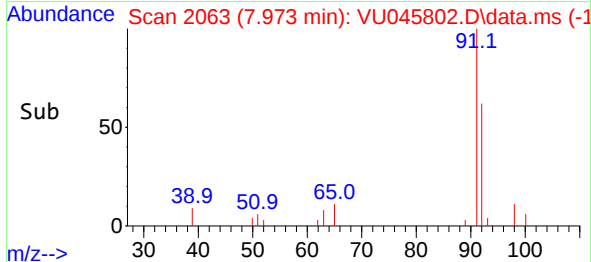
Instrument :
MSVOA_U
ClientSampleId :
MDL06



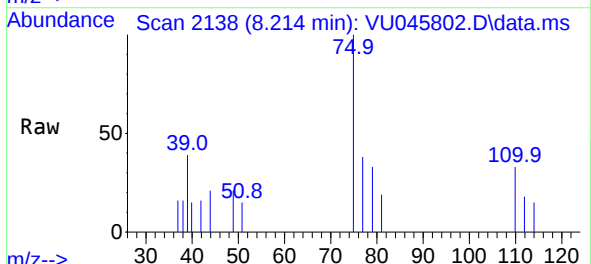
Tgt Ion: 91 Resp: 686
Ion Ratio Lower Upper
91 100
92 62.4 41.3 76.7

Manual Integrations
APPROVED

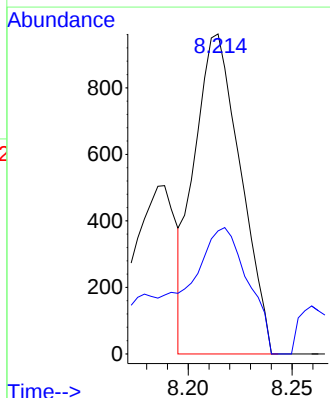
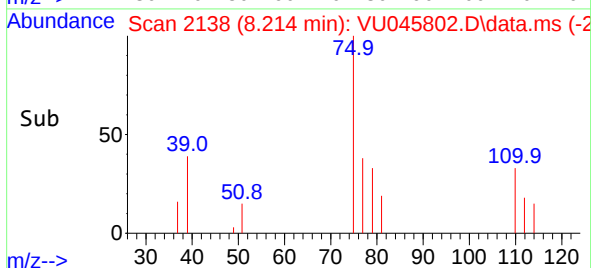
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

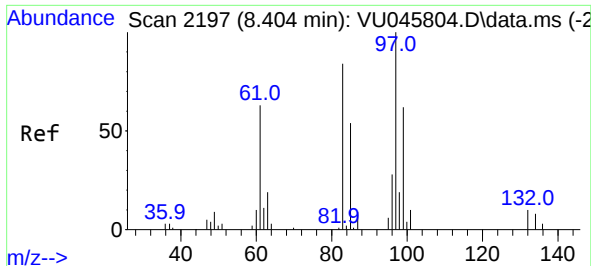


#44
trans-1,3-Dichloropropene
Concen: 0.171 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25



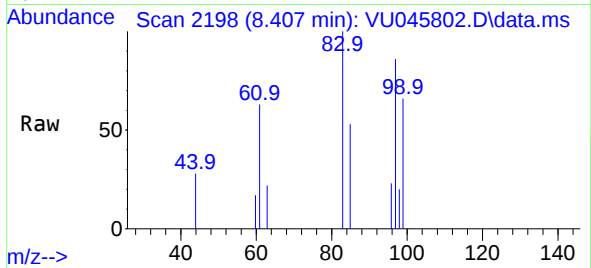
Tgt Ion: 75 Resp: 1488
Ion Ratio Lower Upper
75 100
77 38.5 22.7 42.3





#45
1,1,2-Trichloroethane
Concen: 0.178 ug/L
RT: 8.407 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

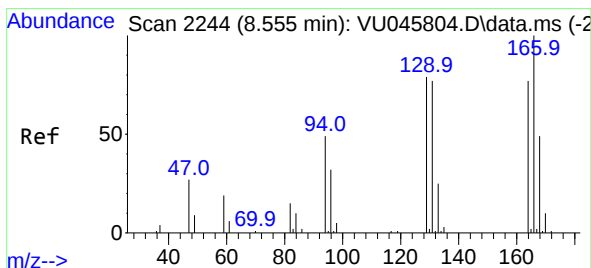
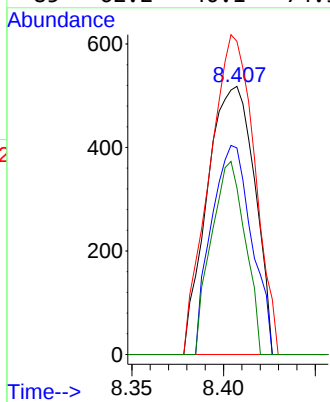
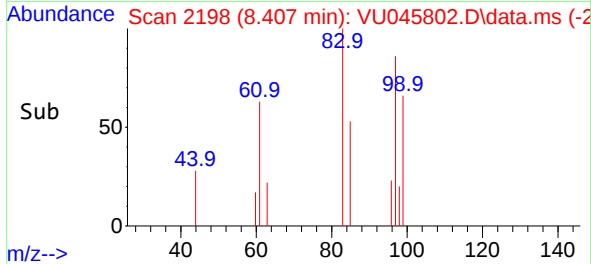
Instrument :
MSVOA_U
ClientSampleId :
MDL06



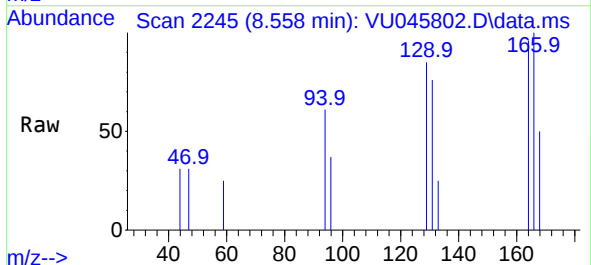
Tgt Ion: 97 Resp: 93
Ion Ratio Lower Upper
97 100
99 77.0 42.3 78.5
83 116.8 62.0 115.2
85 62.2 40.1 74.5

Manual Integrations
APPROVED

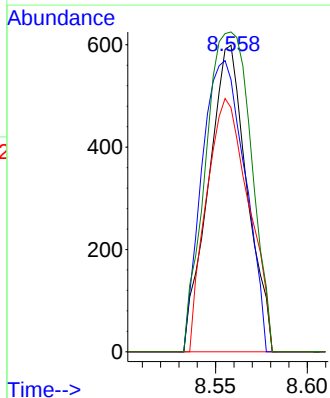
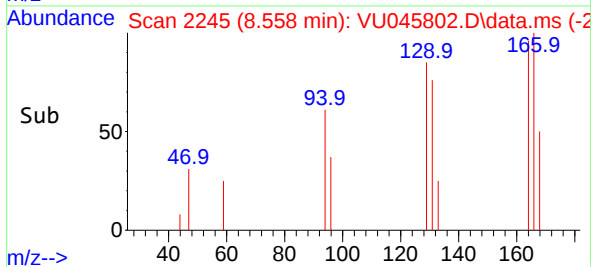
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

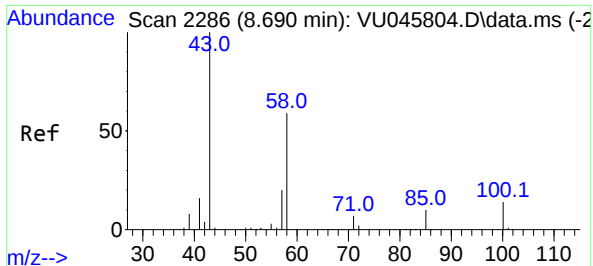


#47
Tetrachloroethene
Concen: 0.182 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25



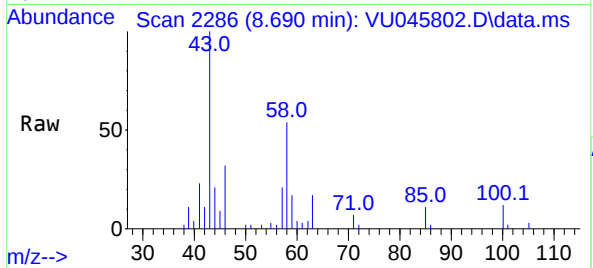
Tgt Ion:164 Resp: 879
Ion Ratio Lower Upper
164 100
129 88.8 71.8 133.4
131 79.6 68.5 127.3
166 104.3 94.1 174.8





#48
2-Hexanone
Concen: 4.042 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

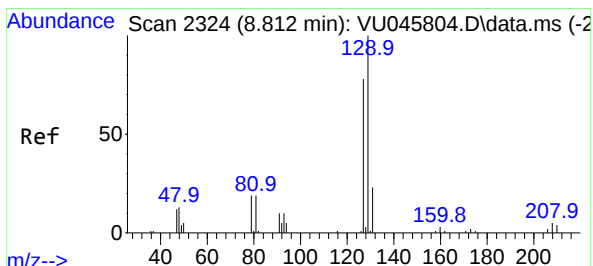
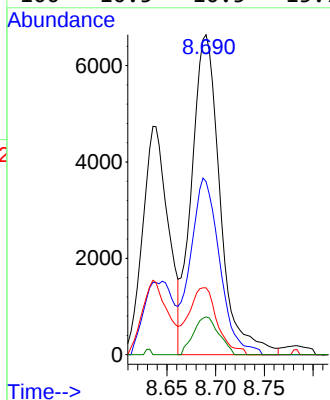
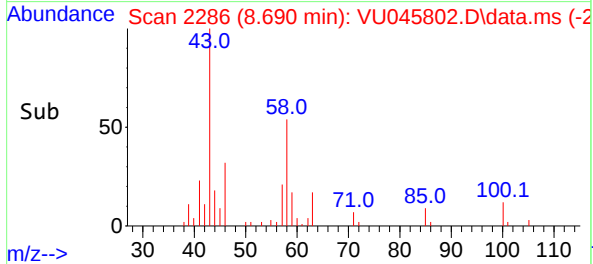
Instrument :
MSVOA_U
ClientSampleId :
MDL06



Tgt Ion: 43 Resp: 13508
Ion Ratio Lower Upper
43 100
58 56.5 46.7 70.1
57 21.4 16.3 24.5
100 10.5 10.5 15.7#

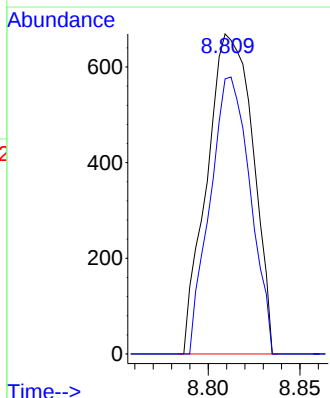
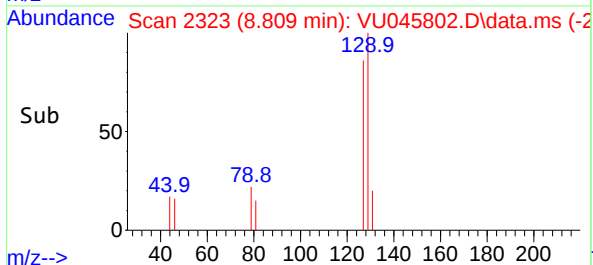
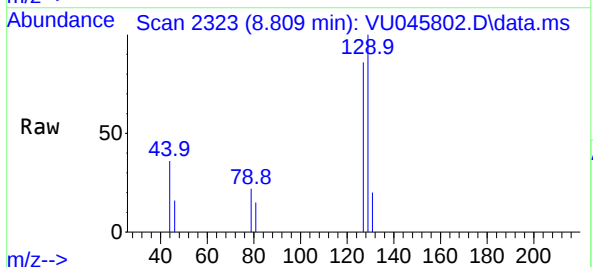
Manual Integrations
APPROVED

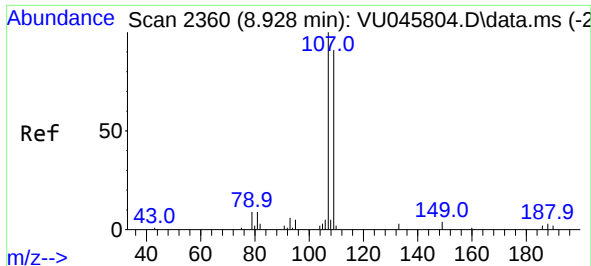
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#49
Dibromochloromethane
Concen: 0.196 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

Tgt Ion:129 Resp: 1168
Ion Ratio Lower Upper
129 100
127 85.9 55.4 102.8





#50

1,2-Dibromoethane

Concen: 0.213 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU045802.D

Acq: 16 Nov 2021 12:25

Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tgt Ion:107 Resp: 1049

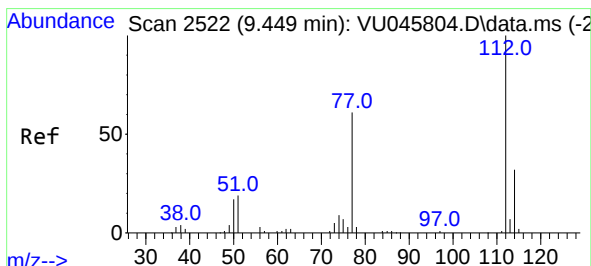
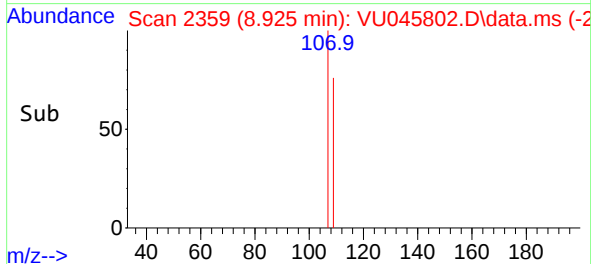
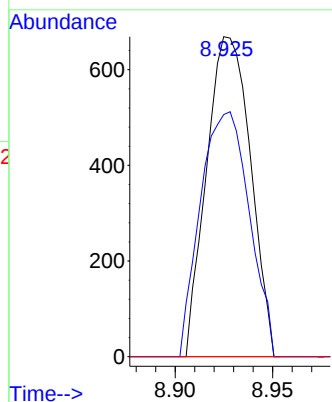
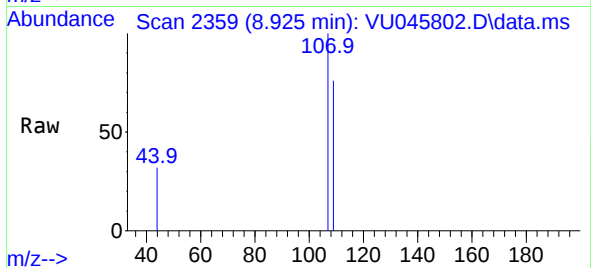
Ion	Ratio	Lower	Upper
107	100		
109	75.6	64.0	119.0
188	0.0	2.4	3.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#51

Chlorobenzene

Concen: 0.209 ug/L

RT: 9.449 min Scan# 2522

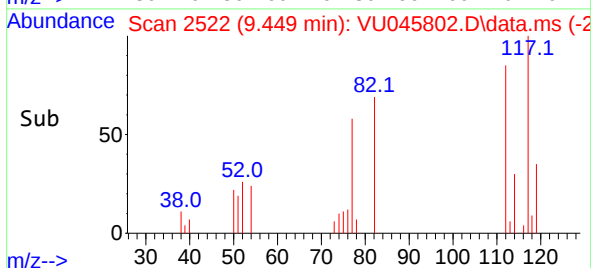
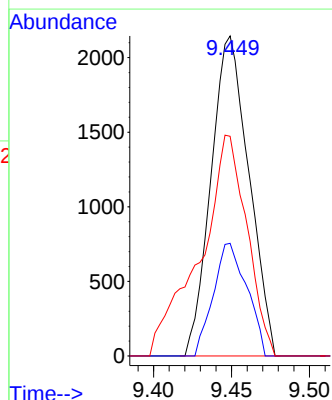
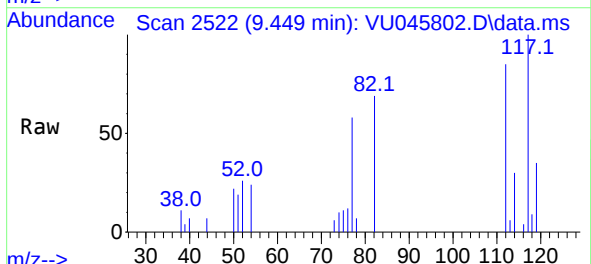
Delta R.T. -0.000 min

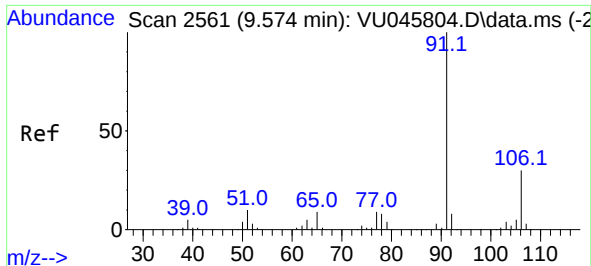
Lab File: VU045802.D

Acq: 16 Nov 2021 12:25

Tgt Ion:112 Resp: 3623

Ion	Ratio	Lower	Upper
112	100		
114	35.2	22.1	41.1
77	68.7	48.3	72.5





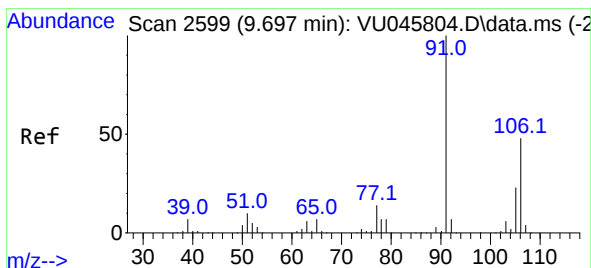
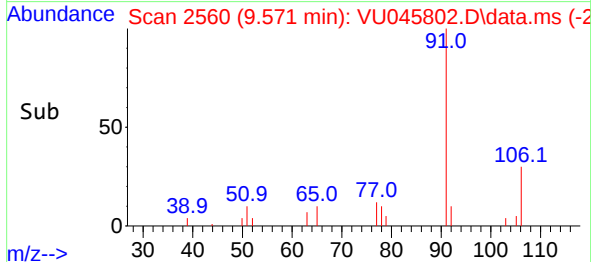
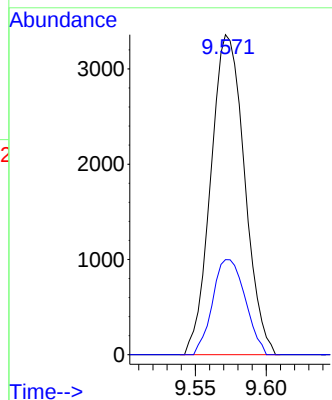
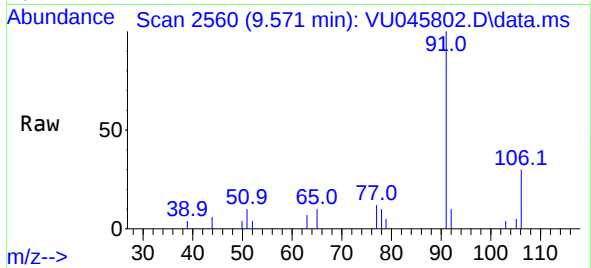
#52
Ethylbenzene
Concen: 0.192 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 91 Resp: 556
Ion Ratio Lower Upper
91 100
106 29.7 21.5 39.9

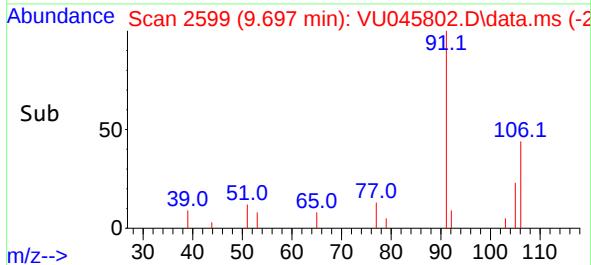
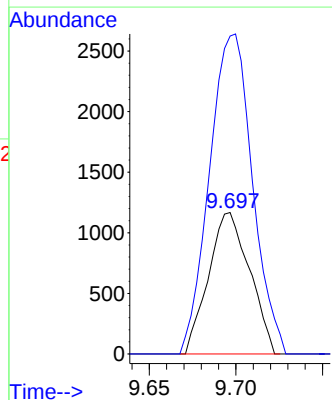
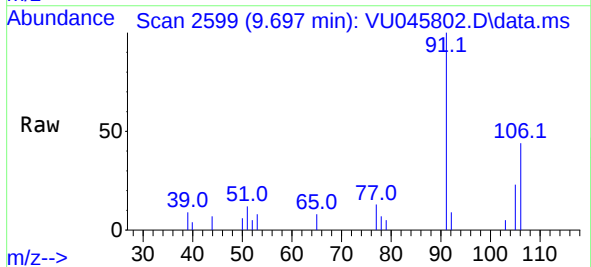
Manual Integrations
APPROVED

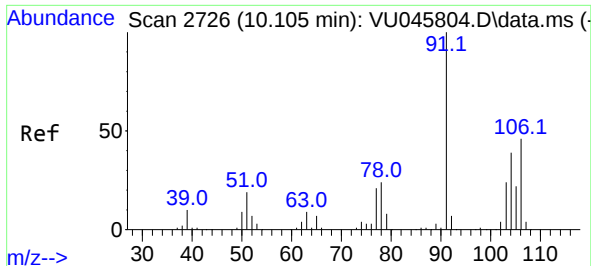
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#53
m,p-Xylene
Concen: 0.173 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

Tgt Ion:106 Resp: 1922
Ion Ratio Lower Upper
106 100
91 224.9 139.4 259.0





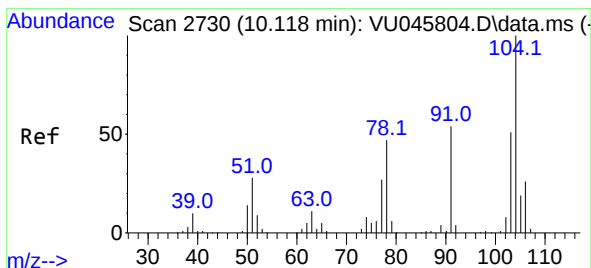
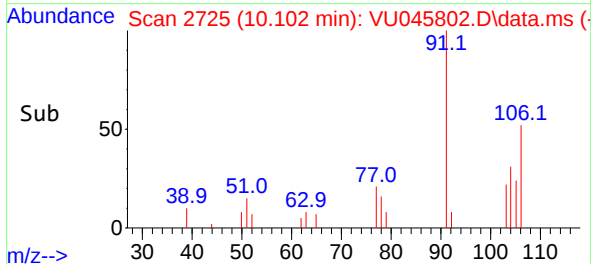
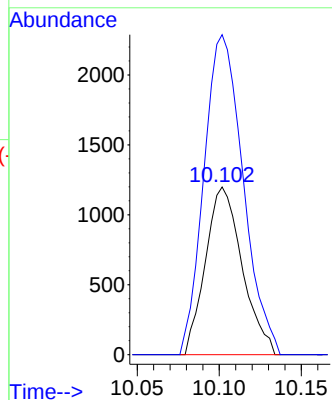
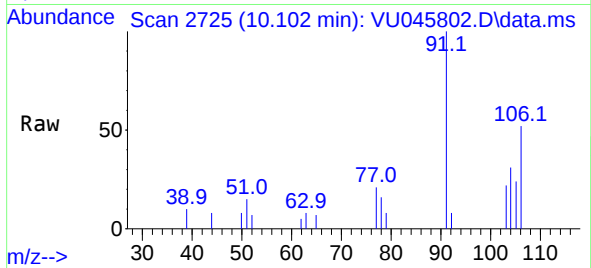
#54
o-Xylene
Concen: 0.174 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:106 Resp: 186
Ion Ratio Lower Upper
106 100
91 190.8 147.5 273.9

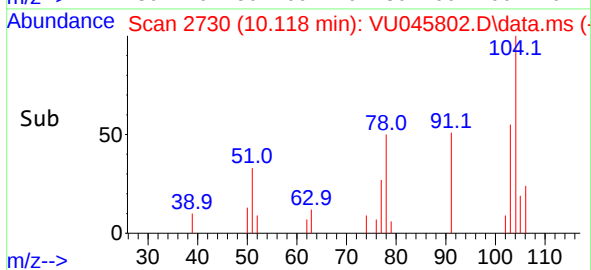
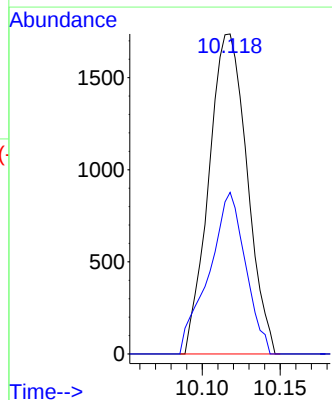
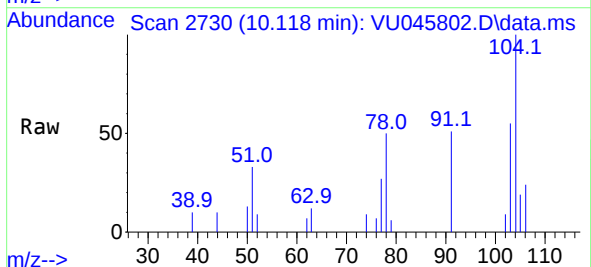
Manual Integrations
APPROVED

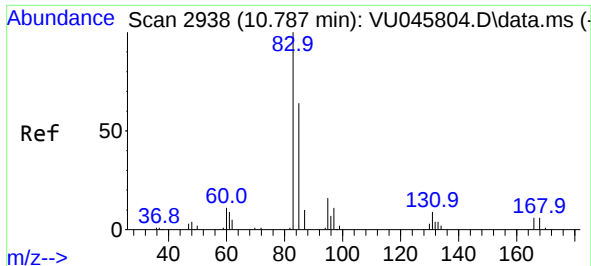
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#55
Styrene
Concen: 0.164 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

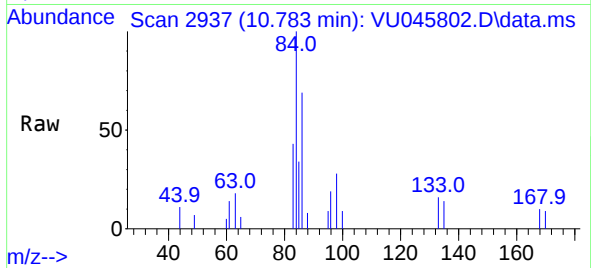
Tgt Ion:104 Resp: 2959
Ion Ratio Lower Upper
104 100
78 50.5 33.0 61.4





#57
1,1,2,2-Tetrachloroethane
Concen: 0.227 ug/L
RT: 10.783 min Scan# 2938
Delta R.T. -0.003 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

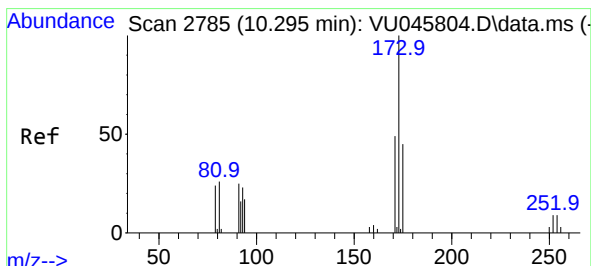
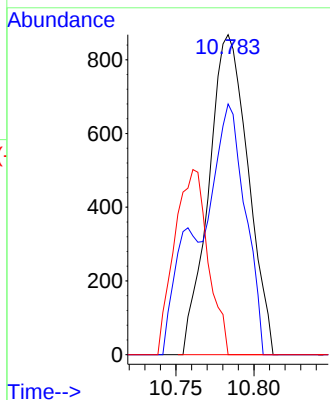
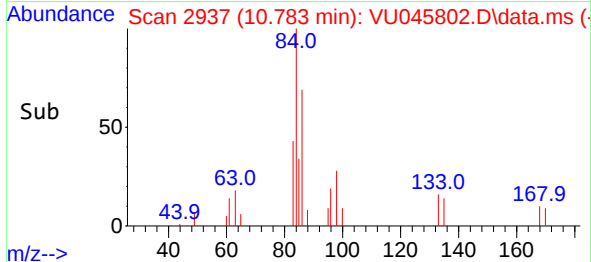
Instrument :
MSVOA_U
ClientSampleId :
MDL06



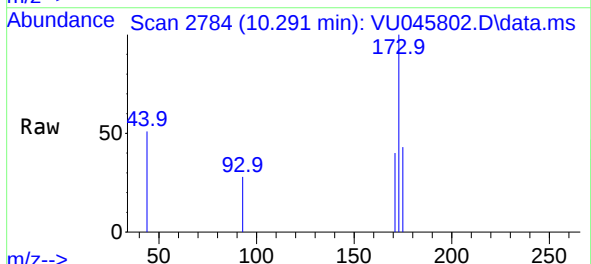
Tgt Ion: 83 Resp: 152
Ion Ratio Lower Upper
83 100
85 78.3 47.9 89.1
131 0.0 8.1 12.1

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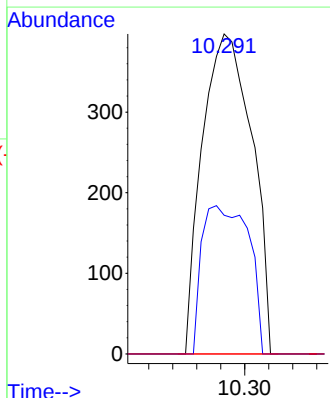
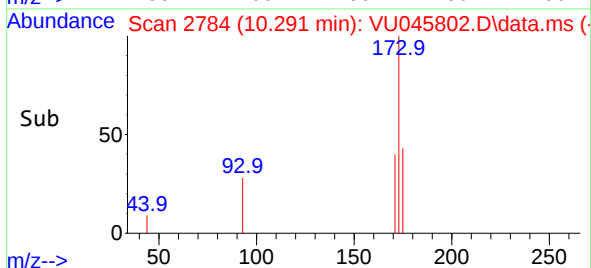
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

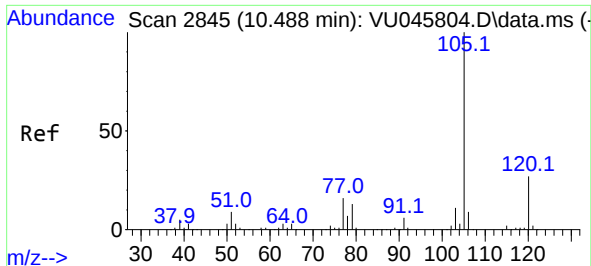


#59
Bromoform
Concen: 0.195 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25



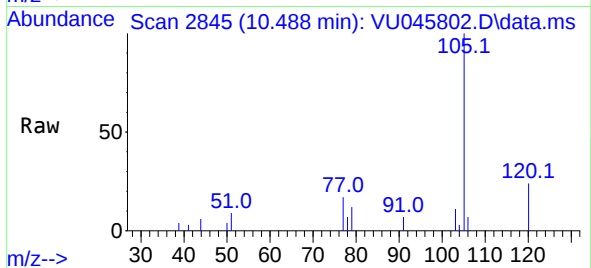
Tgt Ion:173 Resp: 570
Ion Ratio Lower Upper
173 100
175 43.7 37.8 56.6
254 0.0 7.3 10.9





#60
Isopropylbenzene
Concen: 0.183 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

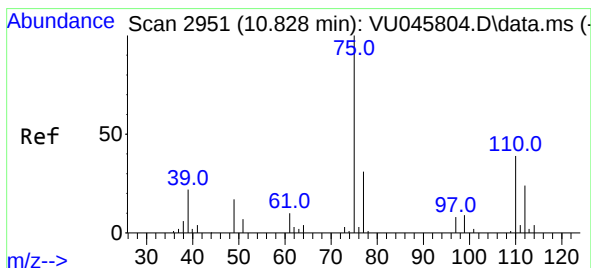
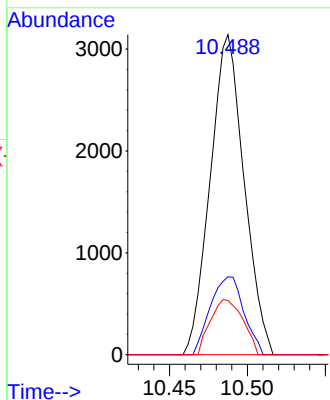
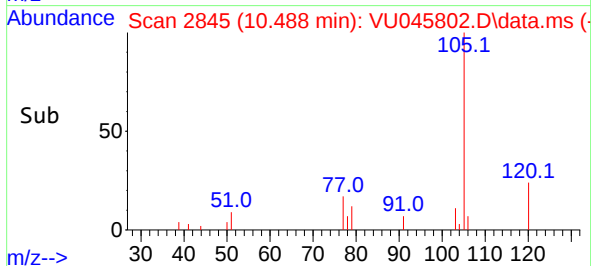
Instrument :
MSVOA_U
ClientSampleId :
MDL06



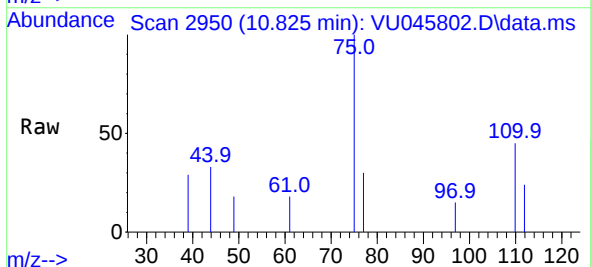
Tgt Ion:105 Resp: 4749
Ion Ratio Lower Upper
105 100
120 24.1 20.7 31.1
77 16.5 12.6 19.0

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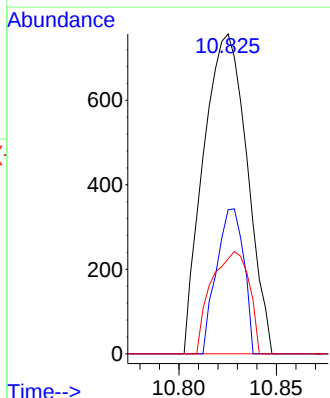
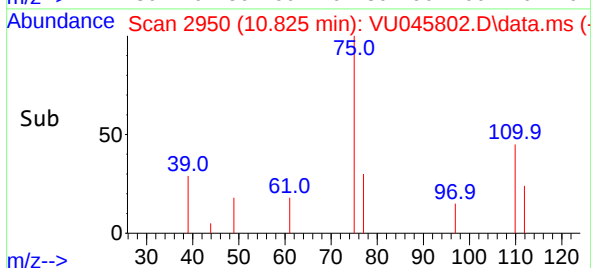
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

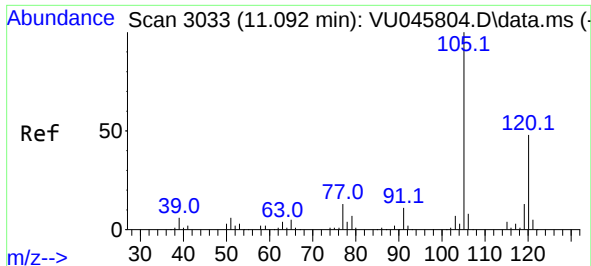


#61
1,2,3-Trichloropropane
Concen: 0.257 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25



Tgt Ion: 75 Resp: 1175
Ion Ratio Lower Upper
75 100
110 28.3 29.9 44.9#
77 27.7 25.5 38.3





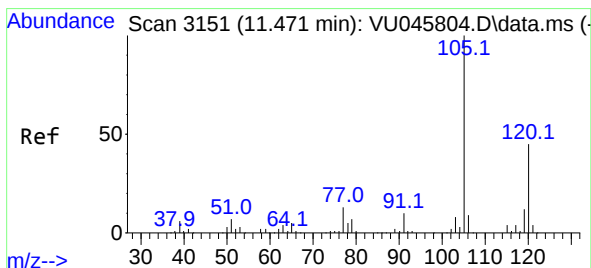
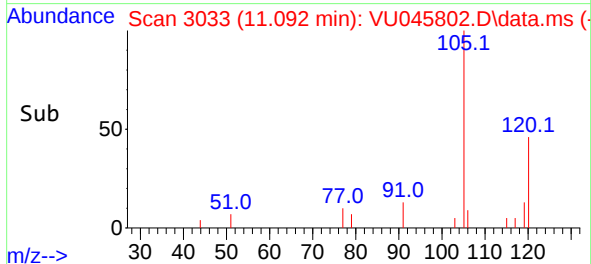
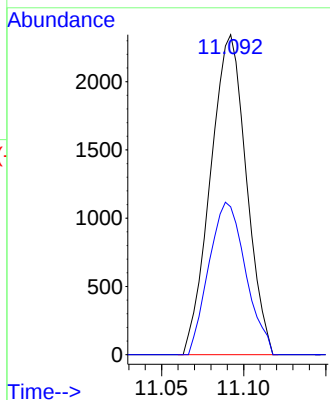
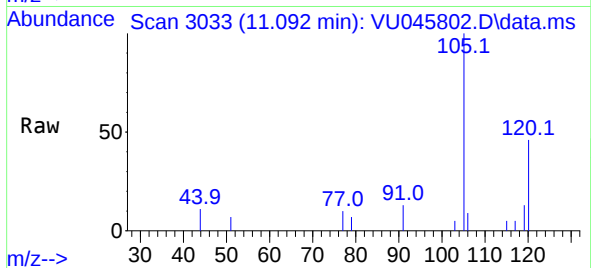
#62
1,3,5-Trimethylbenzene
Concen: 0.168 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:105 Resp: 3558
Ion Ratio Lower Upper
105 100
120 48.9 38.3 57.5

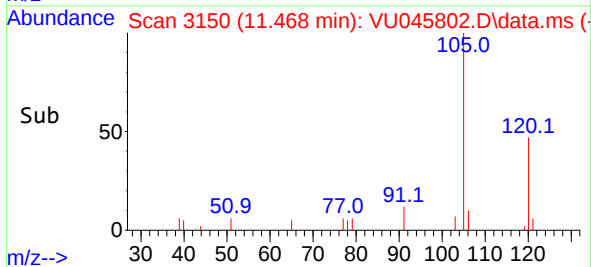
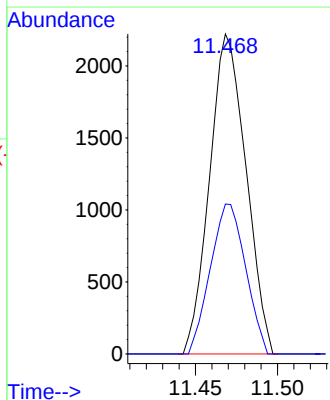
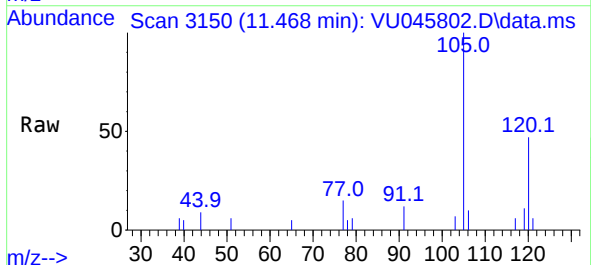
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APPROVED

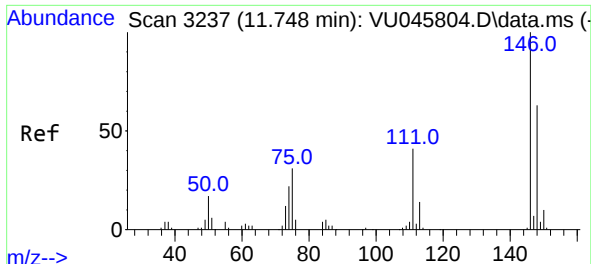
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#63
1,2,4-Trimethylbenzene
Concen: 0.161 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

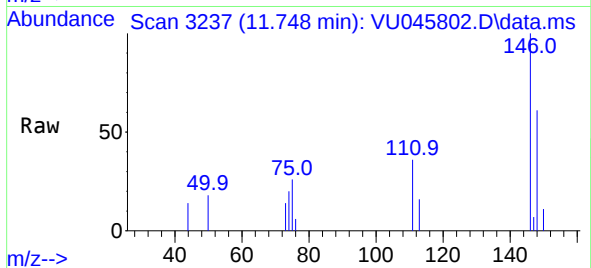
Tgt Ion:105 Resp: 3423
Ion Ratio Lower Upper
105 100
120 45.2 35.8 53.8





#64
1,3-Dichlorobenzene
Concen: 0.217 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

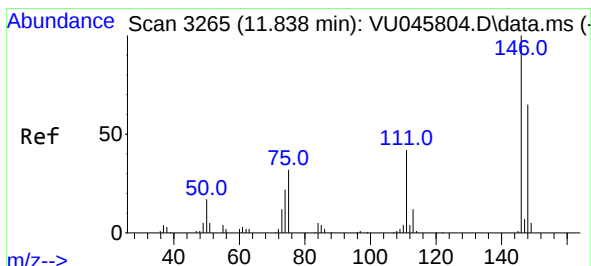
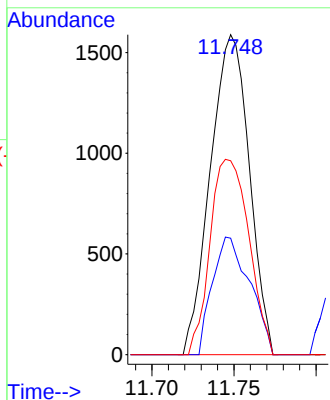
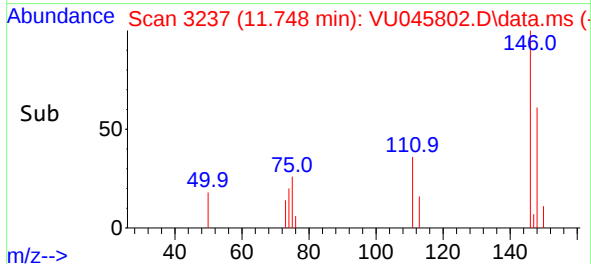
Instrument :
MSVOA_U
ClientSampleId :
MDL06



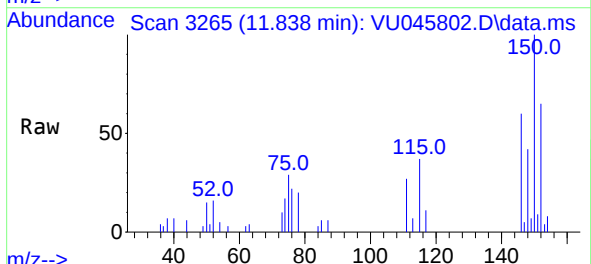
Tgt Ion:146 Resp: 2619
Ion Ratio Lower Upper
146 100
111 36.4 29.9 55.5
148 60.6 44.3 82.3

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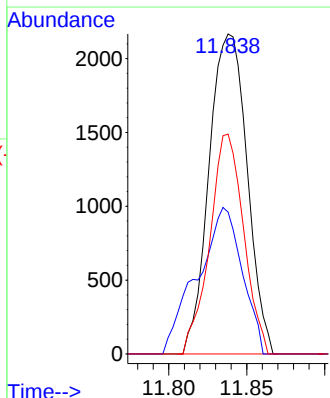
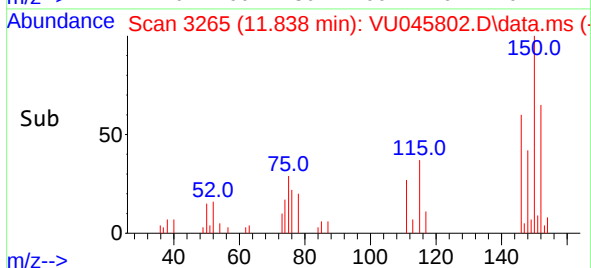
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

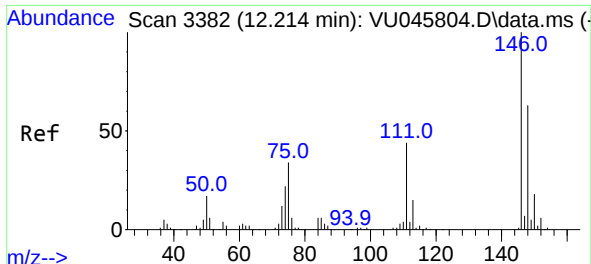


#65
1,4-Dichlorobenzene
Concen: 0.300 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25



Tgt Ion:146 Resp: 3677
Ion Ratio Lower Upper
146 100
111 44.3 28.7 53.3
148 68.7 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 0.244 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU045802.D

Acq: 16 Nov 2021 12:25

Instrument :

MSVOA_U

ClientSampleId :

MDL06

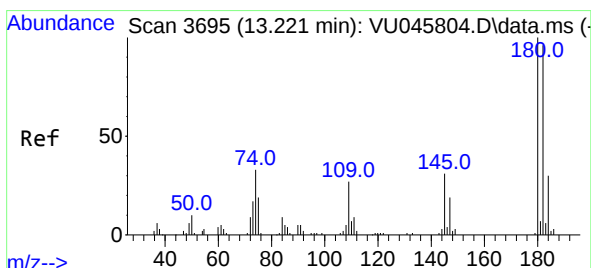
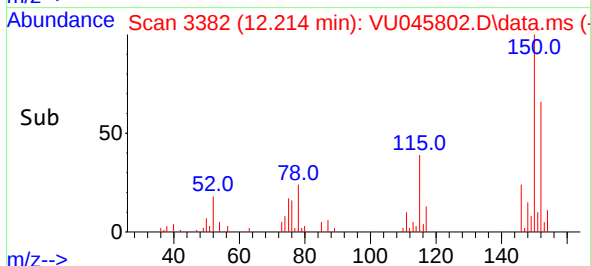
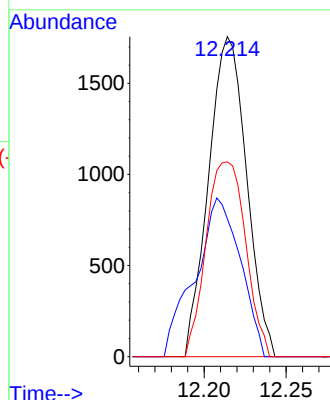
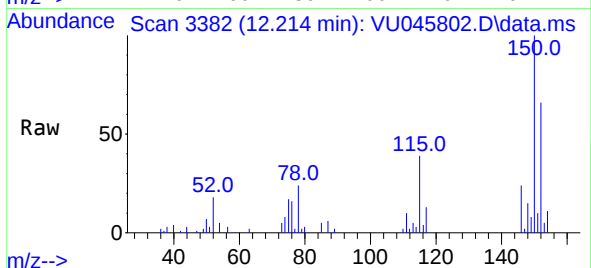
Tgt Ion:146	Resp:	2820
Ion Ratio	Lower	Upper
146	100	
111	43.1	35.4 53.0
148	60.9	51.1 76.7

Manual Integrations

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Supervised By :Mahesh Dadoda 11/17/2021



#69

1,3,5-Trichlorobenzene

Concen: 0.190 ug/L

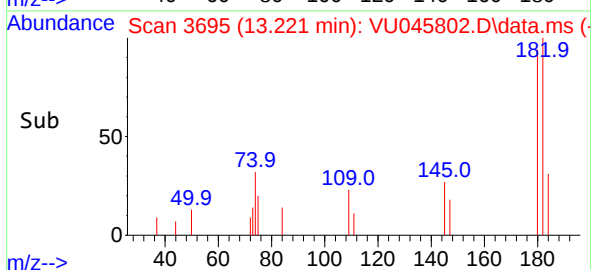
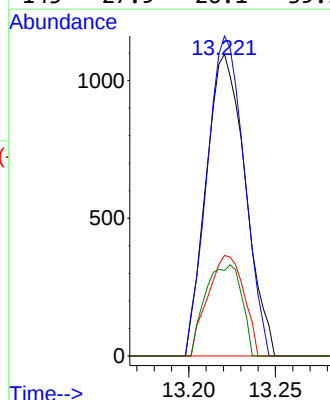
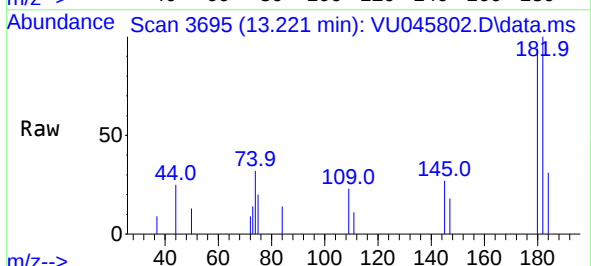
RT: 13.221 min Scan# 3695

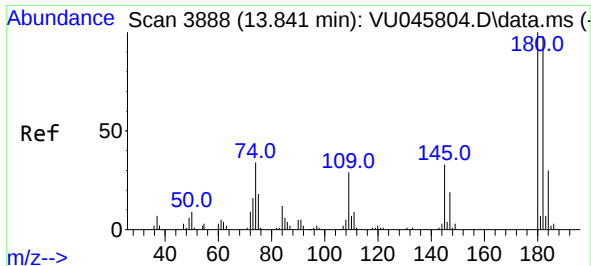
Delta R.T. -0.000 min

Lab File: VU045802.D

Acq: 16 Nov 2021 12:25

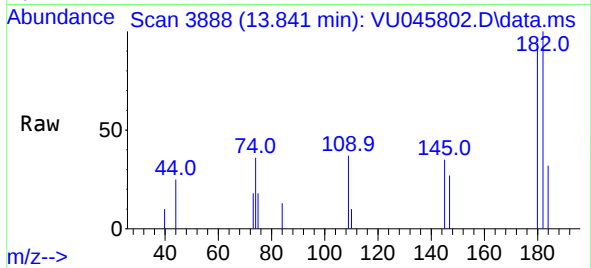
Tgt Ion:180	Resp:	1720
Ion Ratio	Lower	Upper
180	100	
182	100.8	76.1 114.1
184	30.5	25.0 37.4
145	27.9	26.1 39.1





#70
1,2,4-trichlorobenzene
Concen: 0.206 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.003 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25

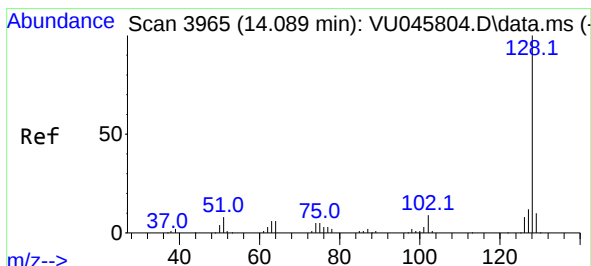
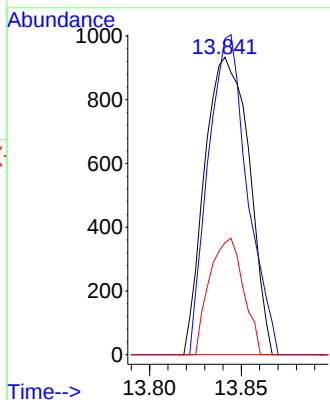
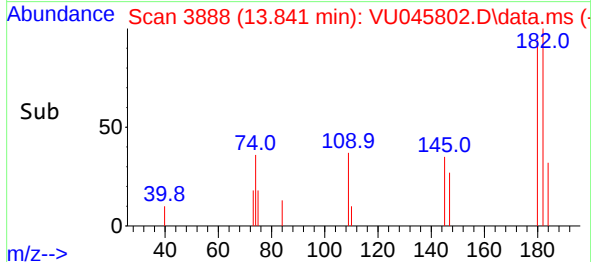
Instrument :
MSVOA_U
ClientSampleId :
MDL06



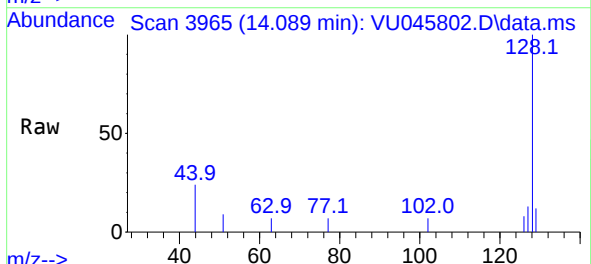
Tgt Ion:180 Resp: 1572
Ion Ratio Lower Upper
180 100
182 94.4 76.4 114.6
145 29.9 25.6 38.4

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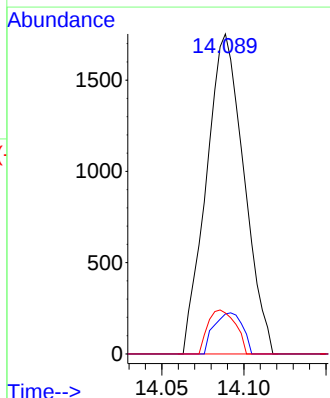
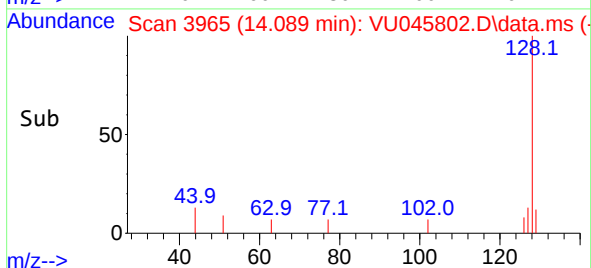
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

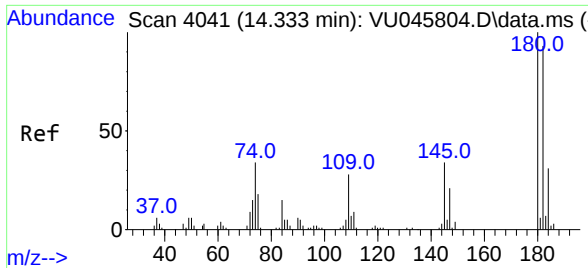


#71
Naphthalene
Concen: 0.178 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045802.D
Acq: 16 Nov 2021 12:25



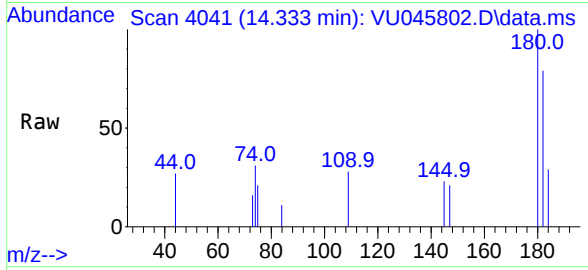
Tgt Ion:128 Resp: 2789
Ion Ratio Lower Upper
128 100
129 9.8 8.4 12.6
127 10.1 10.2 15.2#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.204 ug/L
 RT: 14.333 min Scan# 4041
 Delta R.T. -0.000 min
 Lab File: VU045802.D
 Acq: 16 Nov 2021 12:25

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06



Tgt Ion:180 Resp: 1554

Ion	Ratio	Lower	Upper
180	100		
182	84.4	76.2	114.4
145	24.7	28.4	42.6

Manual Integrations
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Reviewed By :John Carlone 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021

