

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050308.D
 Acq On : 13 Aug 2022 02:37
 Operator : SY/MD
 Sample : N4072-05MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 13 03:06:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 01:20:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	84555	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	86766	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	40636	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	25184	3.579	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	71.600%	
7) Chloroethane-d5	1.909	69	26214	4.617	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	92.400%	
11) 1,1-Dichloroethene-d2	2.565	65	9698	3.526	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	70.600%	
20) 2-Butanone-d5	4.623	46	103882	60.538	ug/L	0.00
Spiked Amount 50.000	Range 40	- 130	Recovery	=	121.080%	
24) Chloroform-d	5.064	84	63591	4.859	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	97.200%	
26) 1,2-Dichloroethane-d4	5.700	65	33361	4.964	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	99.200%	
32) Benzene-d6	5.726	84	111019	4.100	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	82.000%	
36) 1,2-Dichloropropane-d6	6.690	67	40396	4.531	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	90.600%	
41) Toluene-d8	7.896	98	91234	3.815	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	76.400%	
43) trans-1,3-Dichloroprop...	8.179	79	12482	3.907	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	78.200%	
46) 2-Hexanone-d5	8.633	63	65950	58.205	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	116.420%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	39511	5.046	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	101.000%	
66) 1,2-Dichlorobenzene-d4	12.192	152	34101	4.283	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	85.600%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	35886	4.629	ug/L	100
3) Chloromethane	1.520	50	50897	5.019	ug/L	99
5) Vinyl chloride	1.604	62	47246	5.201	ug/L	97
6) Bromomethane	1.851	94	20183	3.481	ug/L	98
8) Chloroethane	1.929	64	31199	5.829	ug/L	94
9) Trichlorofluoromethane	2.138	101	53187	5.346	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	28115	5.080	ug/L	97
12) 1,1-Dichloroethene	2.578	96	30519	5.222	ug/L	82
13) Acetone	2.626	43	68726	71.916	ug/L	95
14) Carbon disulfide	2.790	76	102028	4.887	ug/L	99
15) Methyl Acetate	2.951	43	12232	4.688	ug/L	93
16) Methylene chloride	3.044	84	41913	4.693	ug/L	97
17) Methyl tert-butyl Ether	3.363	73	83425	5.469	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	34238	5.232	ug/L	95
19) 1,1-Dichloroethane	3.867	63	69258	5.589	ug/L	98
21) 2-Butanone	4.703	43	110124	64.083	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	40062	5.516	ug/L	99
23) Bromochloromethane	4.973	128	19234	5.540	ug/L	98

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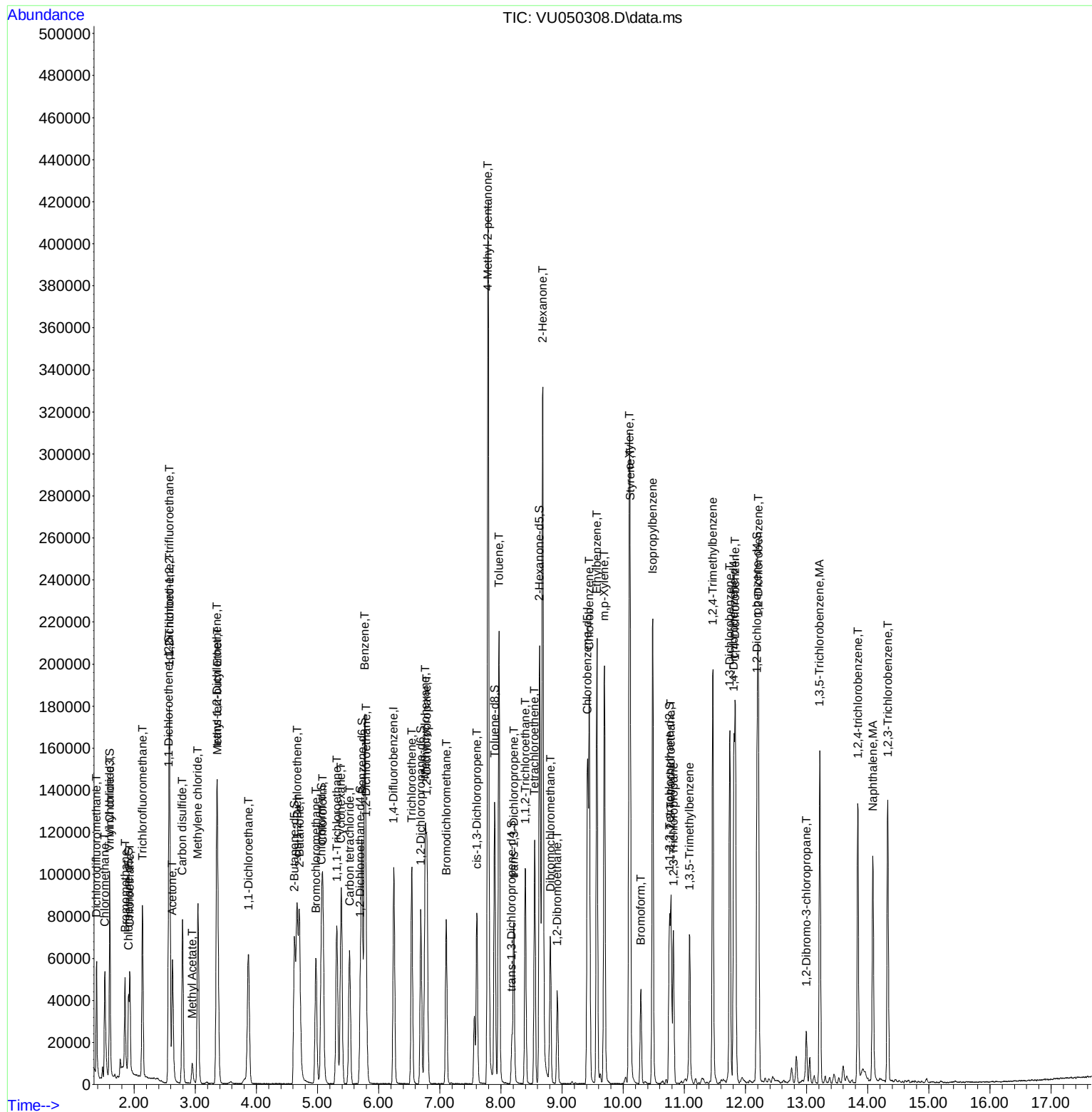
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	5.089	83	72507	5.488	ug/L	98
27) 1,2-Dichloroethane	5.793	62	44557	5.541	ug/L	100
29) 1,1,1-Trichloroethane	5.318	97	56393	5.298	ug/L	98
30) Cyclohexane	5.388	56	43860	4.729	ug/L	98
31) Carbon tetrachloride	5.523	117	44041	5.048	ug/L	98
33) Benzene	5.774	78	154946	5.097	ug/L	100
34) Trichloroethene	6.543	95	35725	4.859	ug/L	98
35) Methylcyclohexane	6.764	83	41683	4.392	ug/L	97
37) 1,2-Dichloropropane	6.790	63	42763	5.281	ug/L	99
38) Bromodichloromethane	7.105	83	52507	5.338	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	49762	4.709	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	265970	56.708	ug/L	98
42) Toluene	7.970	91	161587	5.300	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	43666	4.818	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	32195	5.319	ug/L	96
47) Tetrachloroethene	8.552	164	25867	4.910	ug/L	98
48) 2-Hexanone	8.684	43	200394	55.243	ug/L	98
49) Dibromochloromethane	8.809	129	35264	5.264	ug/L	98
50) 1,2-Dibromoethane	8.922	107	30073	5.479	ug/L	98
51) Chlorobenzene	9.446	112	97405	5.078	ug/L	96
52) Ethylbenzene	9.571	91	148634	4.996	ug/L	99
53) m,p-Xylene	9.694	106	57352	5.235	ug/L	99
54) o-Xylene	10.099	106	56750	5.189	ug/L	96
55) Styrene	10.115	104	93059	5.093	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	44261	5.565	ug/L	100
59) Bromoform	10.288	173	20230	4.964	ug/L	96
60) Isopropylbenzene	10.485	105	138336	5.097	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	30047	5.428	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	37460	4.886	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	106044	5.076	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	69606	5.089	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	68441	5.142	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	71942	5.431	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	6381	5.879	ug/L	96
69) 1,3,5-Trichlorobenzene	13.218	180	48935	5.022	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	40671	5.509	ug/L	99
71) Naphthalene	14.086	128	88396	5.839	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	42347	5.658	ug/L	98

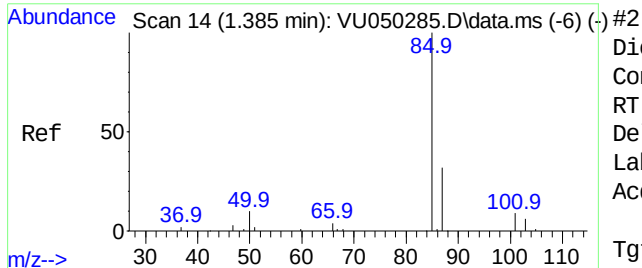
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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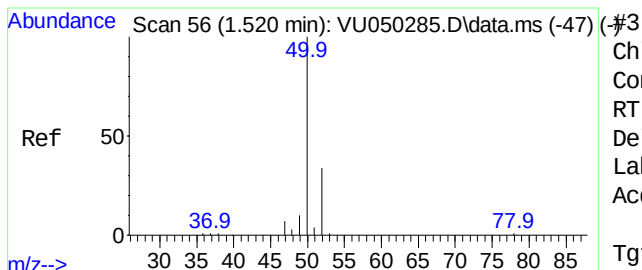
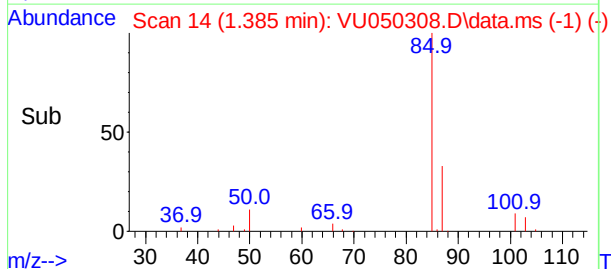
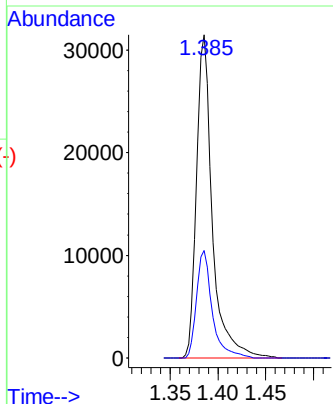
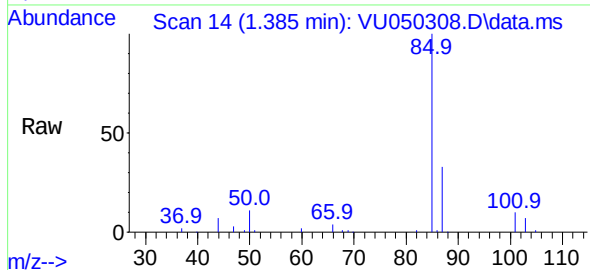




Dichlorodifluoromethane
 Concen: 4.629 ug/L
 RT: 1.385 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VU050308.D
 Acq: 13 Aug 2022 02:37

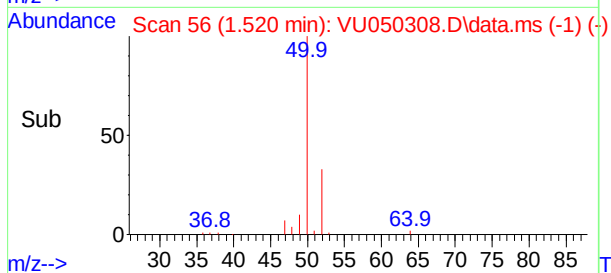
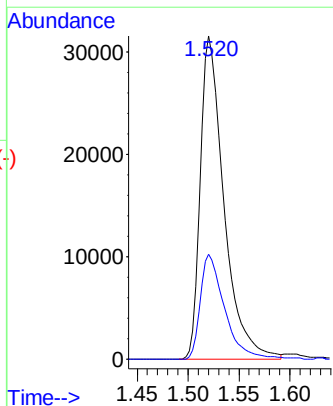
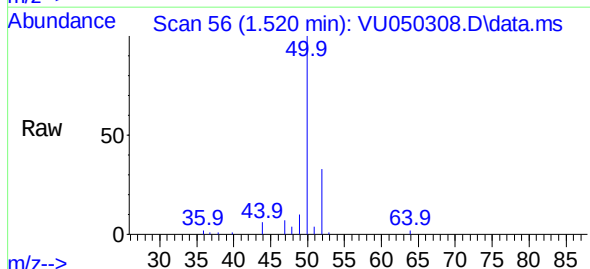
Instrument :
 MSVOA_U
 ClientSampleId :

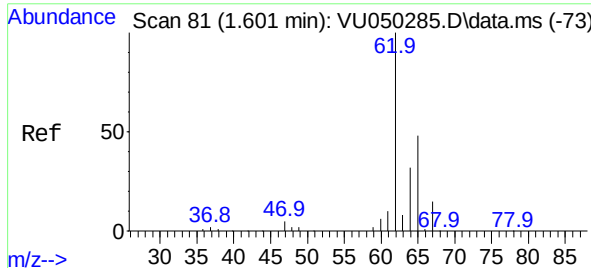
Tgt Ion: 85 Resp: 35886
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.2 39.4



Chloromethane
 Concen: 5.019 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VU050308.D
 Acq: 13 Aug 2022 02:37

Tgt Ion: 50 Resp: 50897
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.2 43.2





Vinyl chloride

Concen: 5.201 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.003 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

Instrument :

MSVOA_U

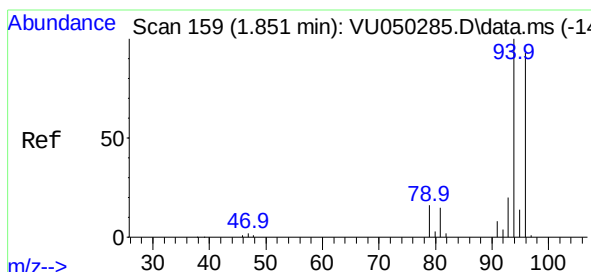
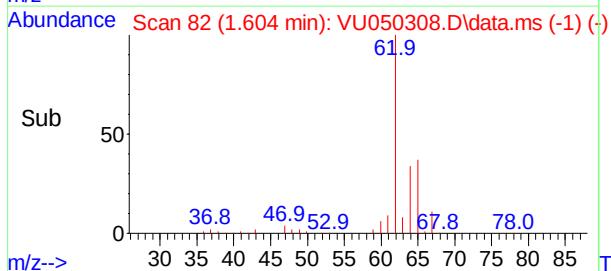
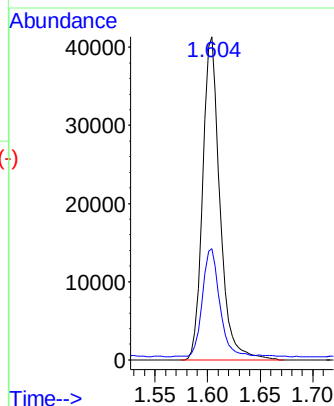
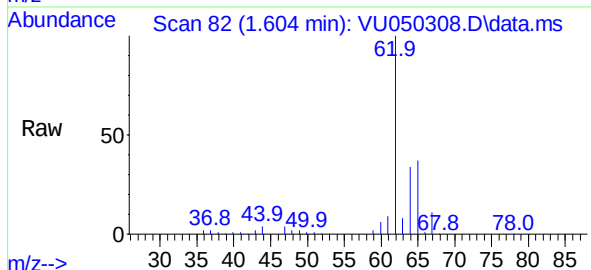
ClientSampleId :

Tgt Ion: 62 Resp: 47246

Ion Ratio Lower Upper

62 100

64 34.4 22.8 42.4



Bromomethane

Concen: 3.481 ug/L

RT: 1.851 min Scan# 159

Delta R.T. 0.000 min

Lab File: VU050308.D

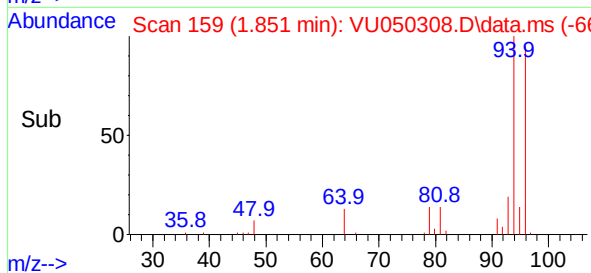
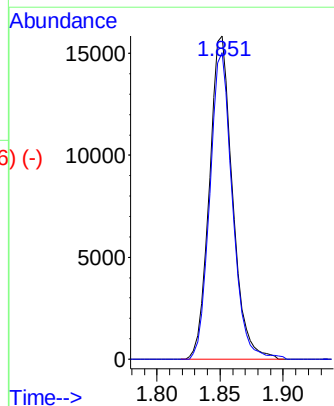
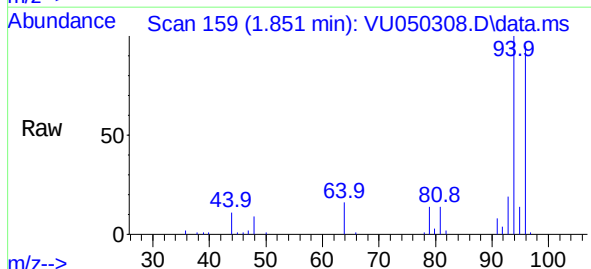
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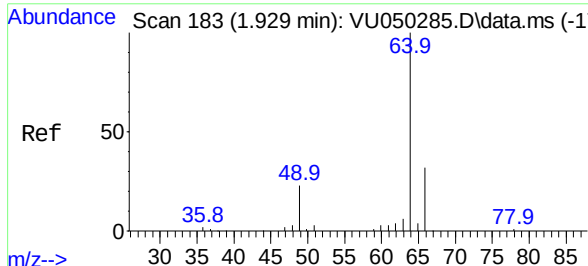
Tgt Ion: 94 Resp: 20183

Ion Ratio Lower Upper

94 100

96 94.8 65.3 121.3





Chloroethane

Concen: 5.829 ug/L

RT: 1.929 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

Instrument :

MSVOA_U

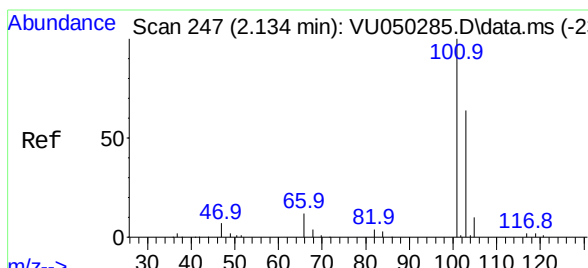
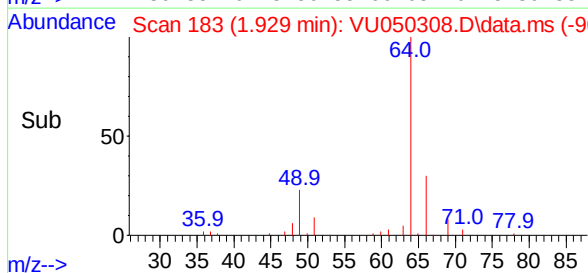
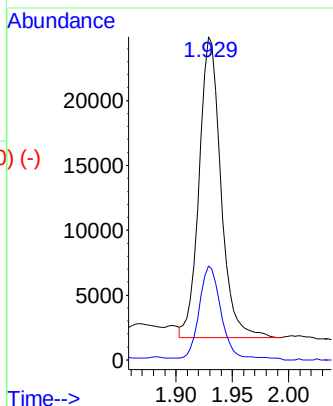
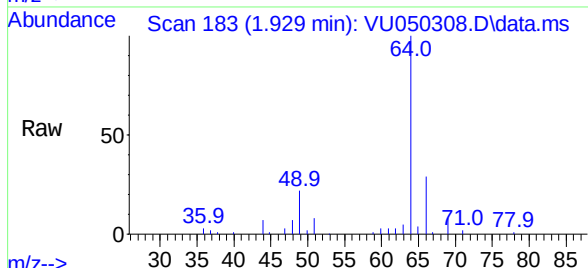
ClientSampleId :

Tgt Ion: 64 Resp: 31199

Ion Ratio Lower Upper

64 100

66 29.1 22.8 42.4



Trichlorofluoromethane

Concen: 5.346 ug/L

RT: 2.138 min Scan# 248

Delta R.T. 0.003 min

Lab File: VU050308.D

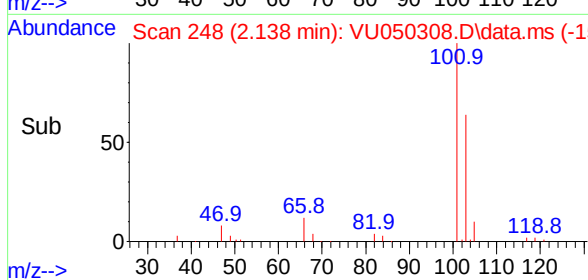
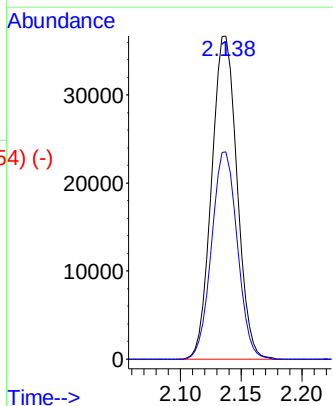
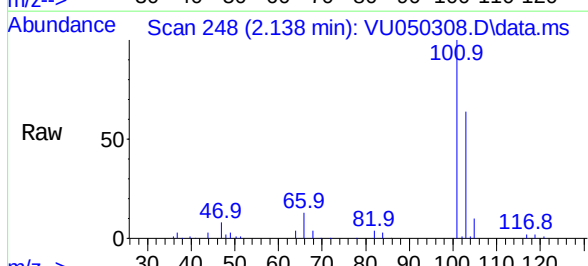
Acq: 13 Aug 2022 02:37

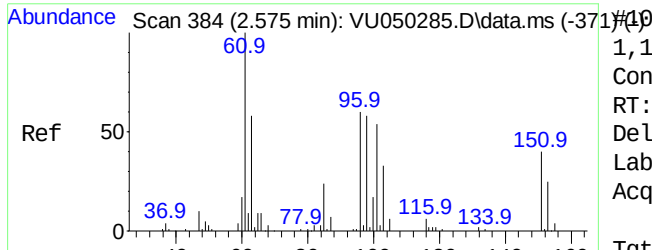
Tgt Ion: 101 Resp: 53187

Ion Ratio Lower Upper

101 100

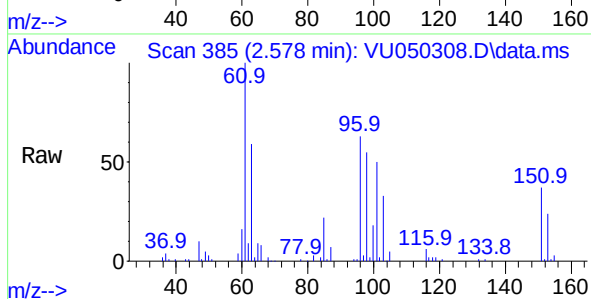
103 65.1 52.6 78.8



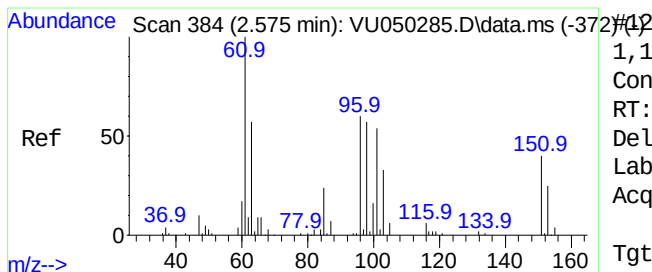
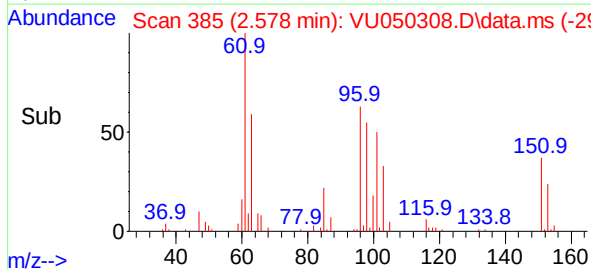
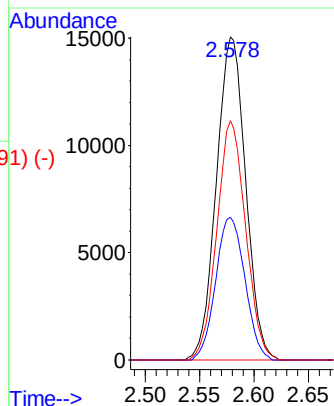


1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.080 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU050308.D
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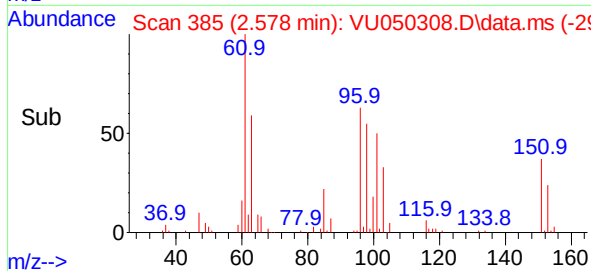
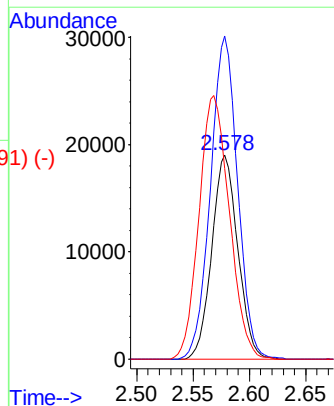
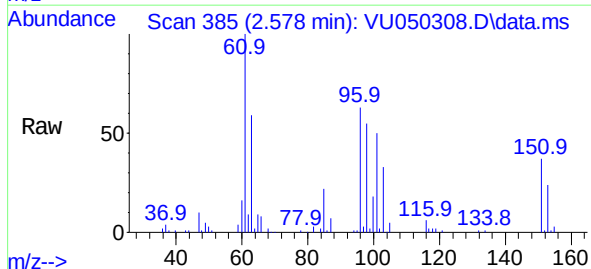


Tgt Ion:	101	Resp:	28115
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.6	53.4
151	72.8	55.2	82.8

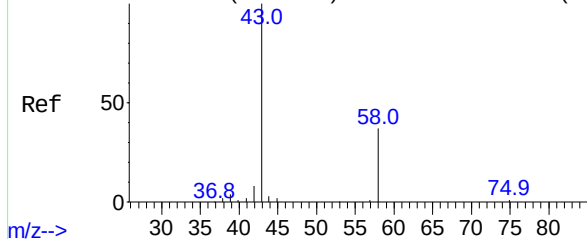


1,1-Dichloroethene
 Concen: 5.222 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU050308.D
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Tgt Ion:	96	Resp:	30519
Ion Ratio	Lower	Upper	
96	100		
61	158.2	122.7	227.9
63	93.2	85.1	158.1



Abundance Scan 402 (2.633 min): VU050285.D\data.ms (-388) #13



Acetone

Concen: 71.916 ug/L

RT: 2.626 min Scan# 413

Delta R.T. -0.006 min

Lab File: VU050308.D

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ClientSampleId :

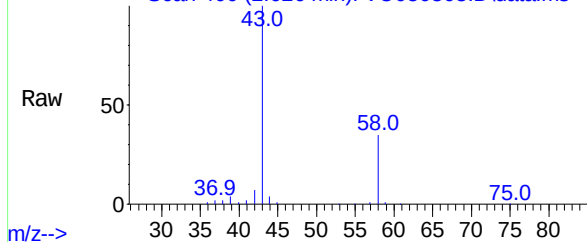
Tgt Ion: 43 Resp: 68726

Ion Ratio Lower Upper

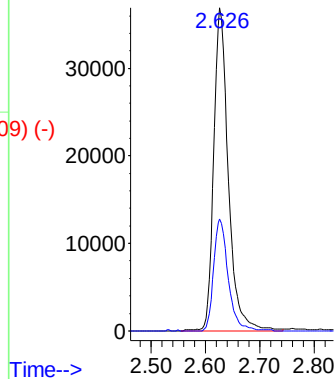
43 100

58 34.6 0.0 64.0

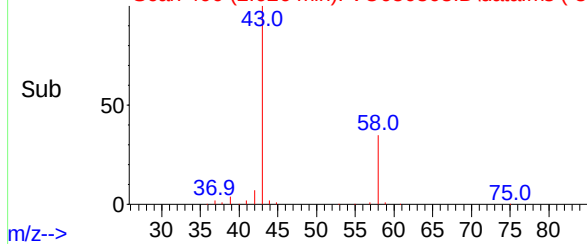
Abundance Scan 400 (2.626 min): VU050308.D\data.ms



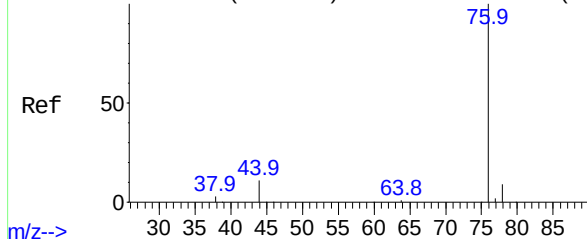
Abundance



Abundance Scan 400 (2.626 min): VU050308.D\data.ms (-309) (-)



Abundance Scan 450 (2.787 min): VU050285.D\data.ms (-437) #14



Carbon disulfide

Concen: 4.887 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

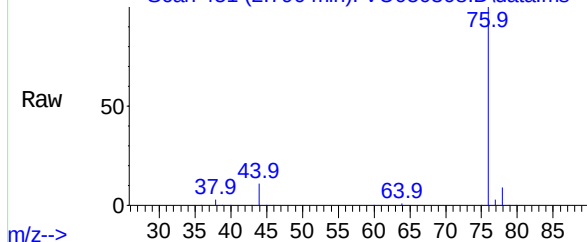
Tgt Ion: 76 Resp: 102028

Ion Ratio Lower Upper

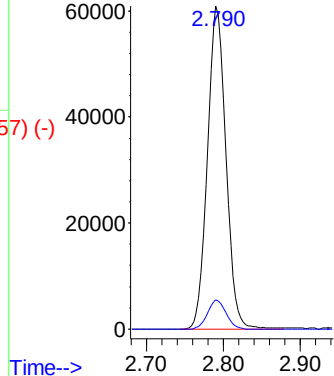
76 100

78 9.0 7.4 11.0

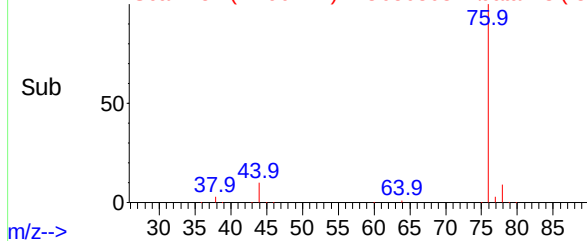
Abundance Scan 451 (2.790 min): VU050308.D\data.ms

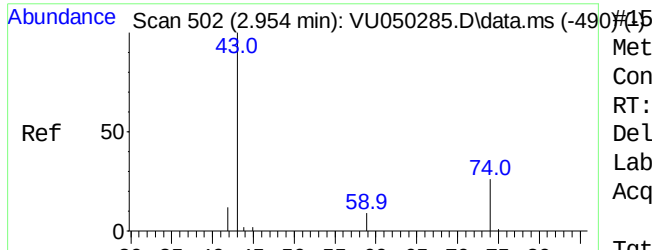


Abundance



Abundance Scan 451 (2.790 min): VU050308.D\data.ms (-357) (-)





Methyl Acetate

Concen: 4.688 ug/L

RT: 2.951 min Scan# 502

Delta R.T. -0.003 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

Instrument :

MSVOA_U

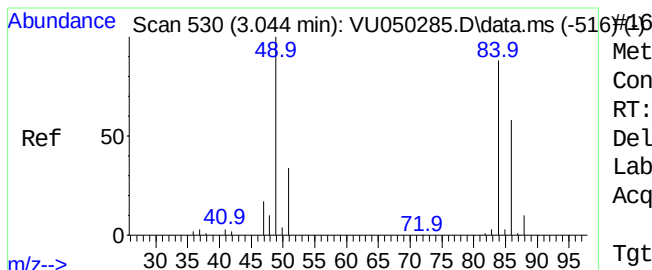
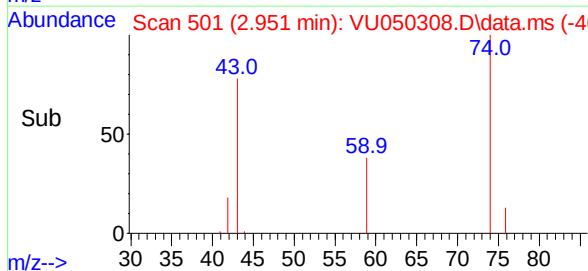
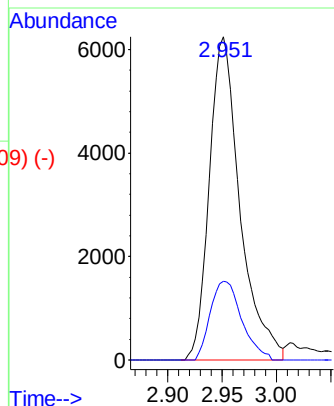
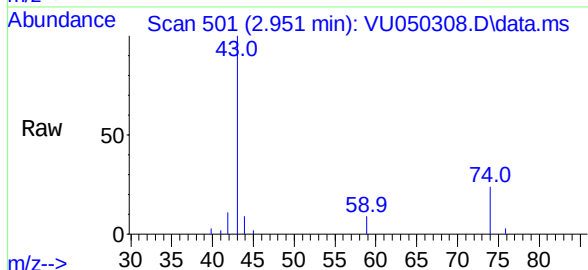
ClientSampleId :

Tgt Ion: 43 Resp: 12232

Ion Ratio Lower Upper

43 100

74 24.9 22.7 34.1



Methylene chloride

Concen: 4.693 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

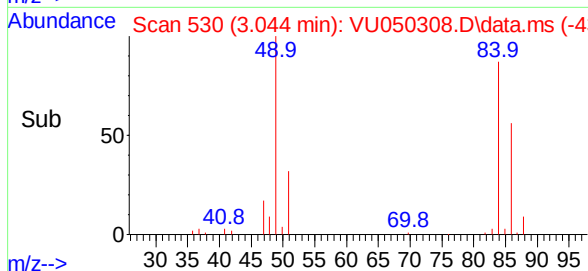
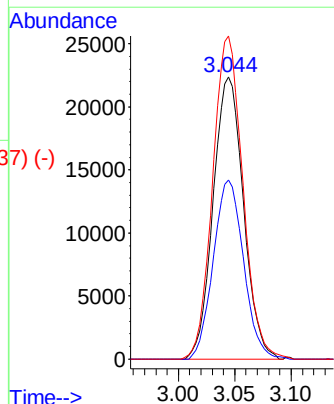
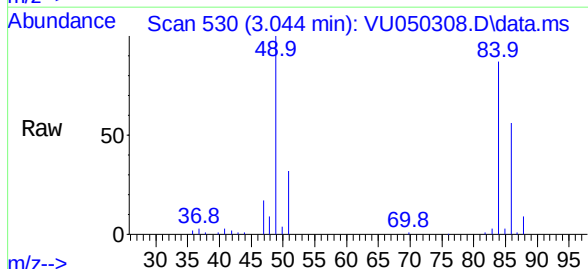
Tgt Ion: 84 Resp: 41913

Ion Ratio Lower Upper

84 100

86 63.5 45.9 85.3

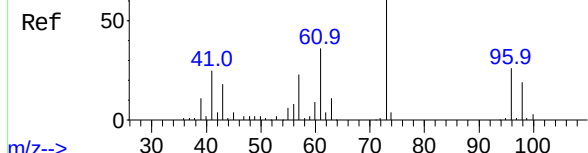
49 114.4 77.6 144.0



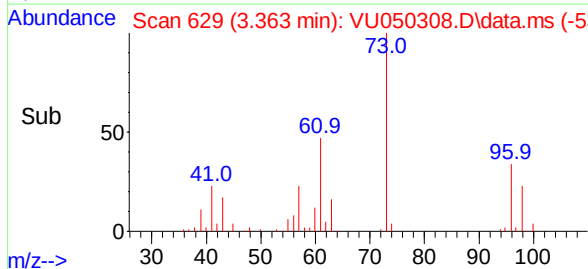
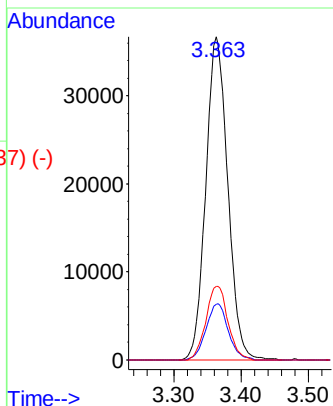
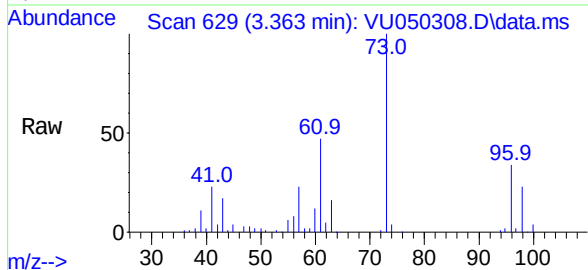
Abundance Scan 630 (3.366 min): VU050285.D\data.ms (-613) #17

Methyl tert-butyl Ether
Concen: 5.469 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.003 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

Instrument :
MSVOA_U
ClientSampleId :



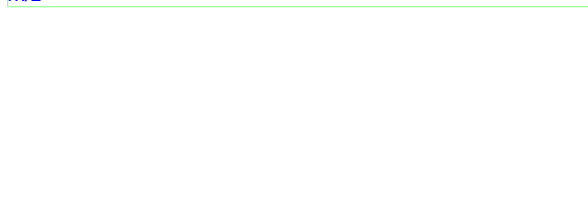
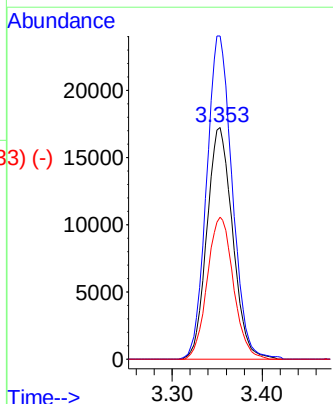
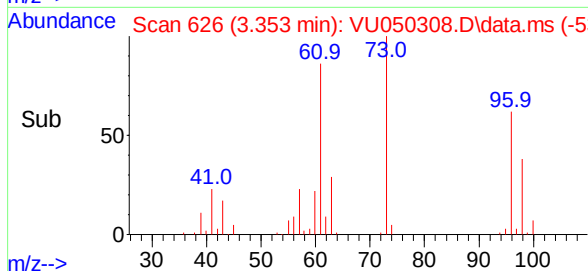
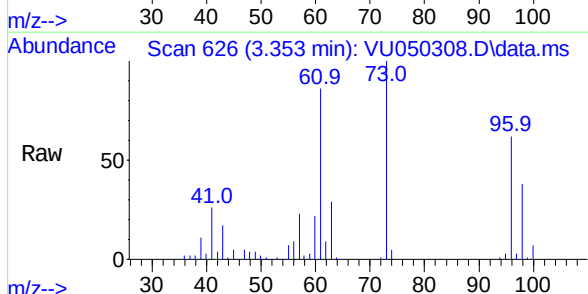
Tgt Ion:	73	Resp:	83425
Ion	Ratio	Lower	Upper
73	100		
43	17.6	13.5	20.3
57	22.8	17.4	26.2



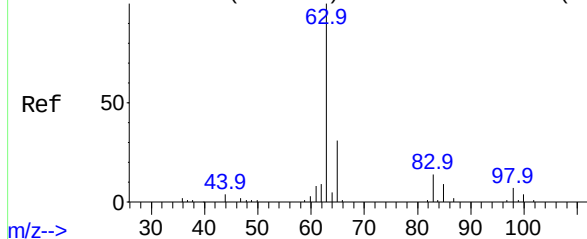
Abundance Scan 626 (3.353 min): VU050285.D\data.ms (-612) #18

trans-1,2-Dichloroethene
Concen: 5.232 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

Tgt Ion:	96	Resp:	34238
Ion	Ratio	Lower	Upper
96	100		
61	139.5	92.3	171.5
98	61.3	43.2	80.2

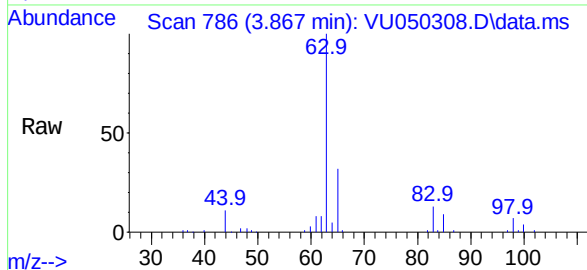


Abundance Scan 786 (3.867 min): VU050285.D\data.ms (-769) #19

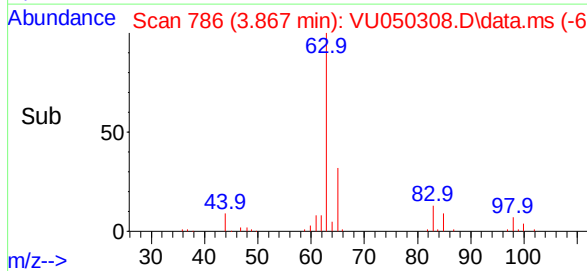
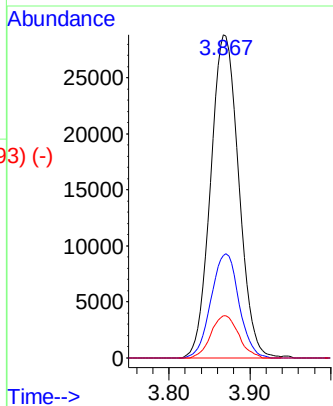


1,1-Dichloroethane
Concen: 5.589 ug/L
RT: 3.867 min Scan#
Delta R.T. 0.000 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

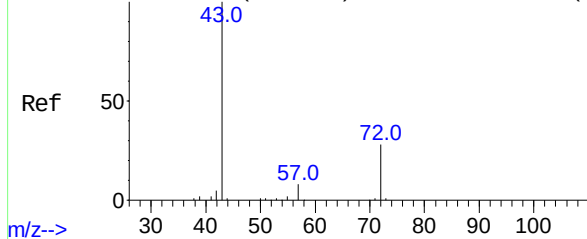
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	63	Resp:	69258
Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.7	42.3
83	13.0	9.8	18.2

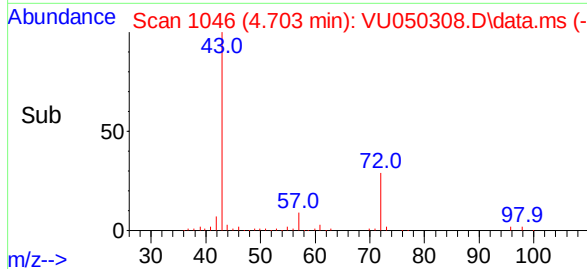
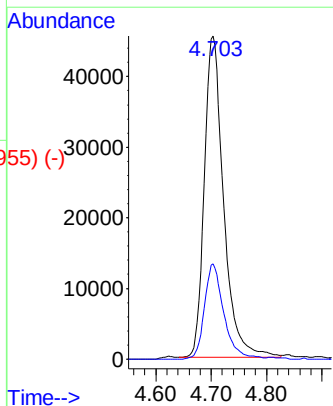
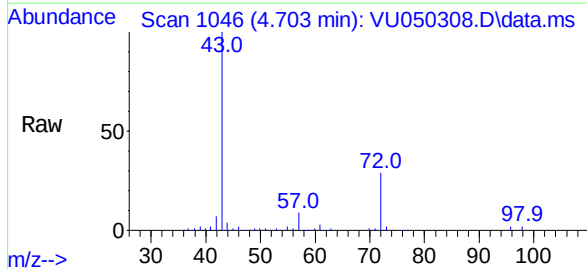


Abundance Scan 1048 (4.710 min): VU050285.D\data.ms (-1052) #21

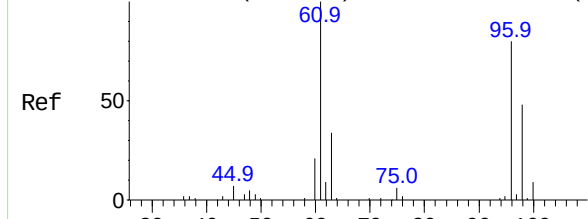


2-Butanone
Concen: 64.083 ug/L
RT: 4.703 min Scan# 1046
Delta R.T. -0.006 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

Tgt Ion:	43	Resp:	110124
Ion	Ratio	Lower	Upper
43	100		
72	29.8	14.0	42.0

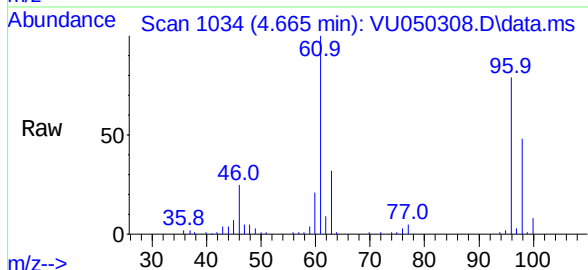


Abundance Scan 1035 (4.668 min): VU050285.D\data.ms (-1022-)

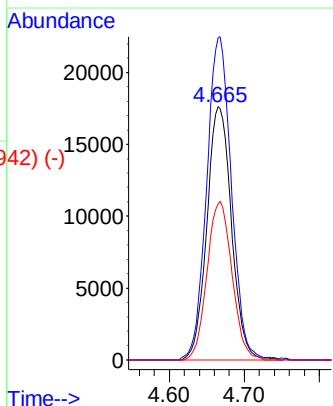
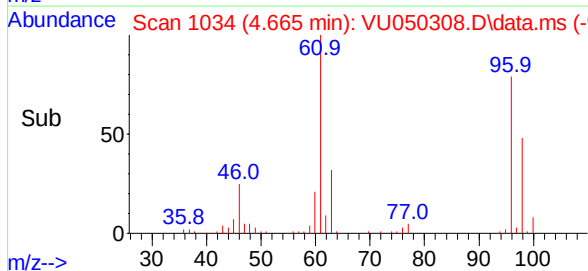


cis-1,2-Dichloroethene
Concen: 5.516 ug/L
RT: 4.665 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

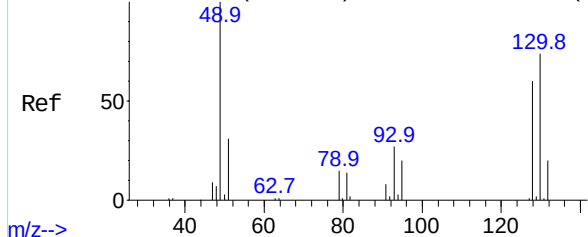
Instrument :
MSVOA_U
ClientSampleId :



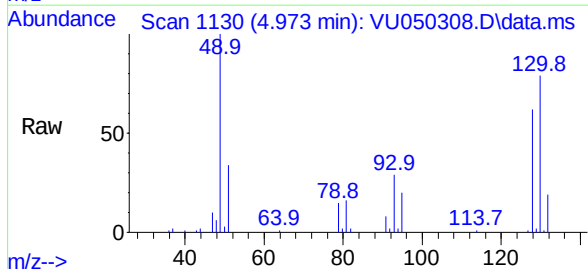
Tgt Ion: 96 Resp: 40062
Ion Ratio Lower Upper
96 100
61 127.4 89.0 165.4
98 61.7 45.2 84.0



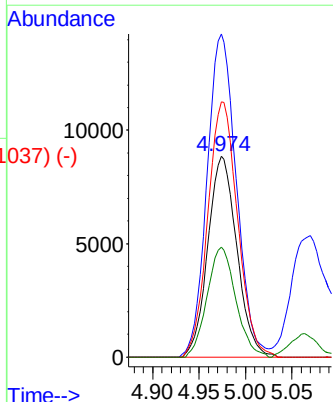
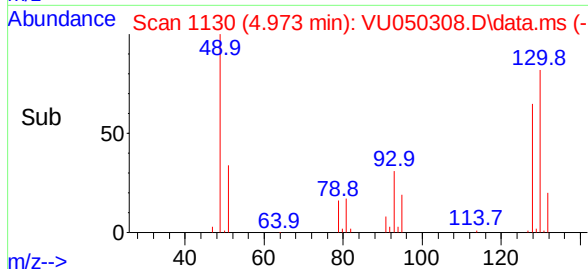
Abundance Scan 1130 (4.973 min): VU050285.D\data.ms (-1123-)



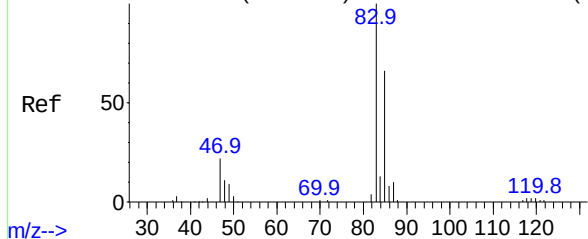
Bromochloromethane
Concen: 5.540 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37



Tgt Ion:128 Resp: 19234
Ion Ratio Lower Upper
128 100
49 160.6 111.4 206.8
130 126.8 90.2 167.4
51 54.7 40.9 61.3



Abundance Scan 1166 (5.089 min): VU050285.D\data.ms (-11425-)



Chloroform

Concen: 5.488 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

Instrument :

MSVOA_U

ClientSampleId :

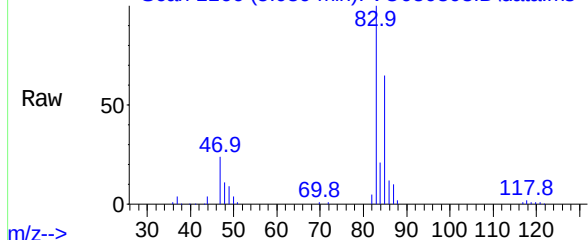
Tgt Ion: 83 Resp: 72507

Ion Ratio Lower Upper

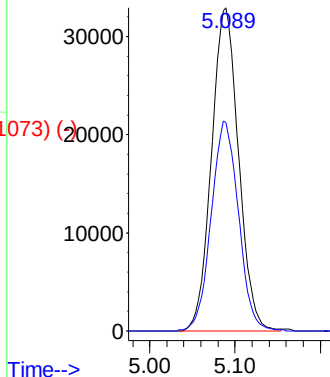
83 100

85 64.6 46.1 85.5

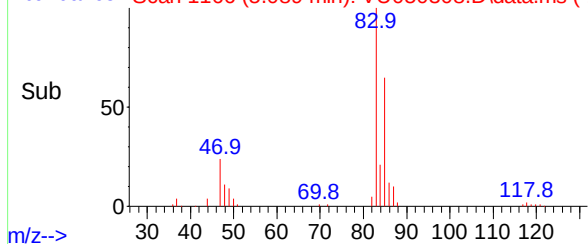
Abundance Scan 1166 (5.089 min): VU050308.D\data.ms



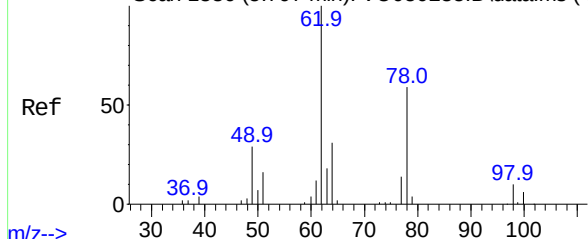
Abundance



Abundance Scan 1166 (5.089 min): VU050308.D\data.ms (-1073) (-)



Abundance Scan 1386 (5.797 min): VU050285.D\data.ms (-13707-)



1,2-Dichloroethane

Concen: 5.541 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

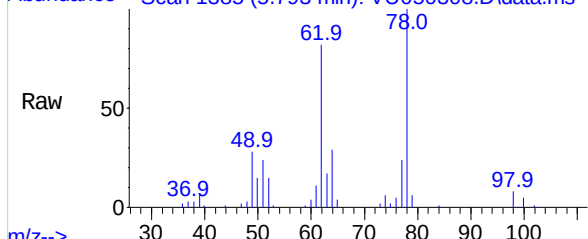
Tgt Ion: 62 Resp: 44557

Ion Ratio Lower Upper

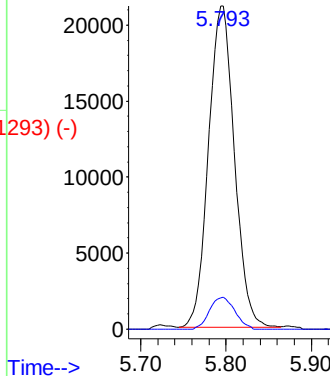
62 100

98 9.8 7.8 11.8

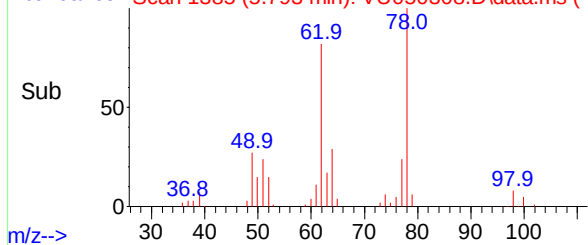
Abundance Scan 1385 (5.793 min): VU050308.D\data.ms



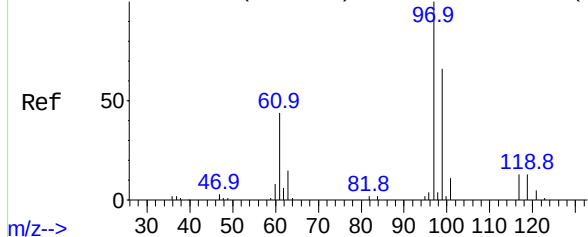
Abundance



Abundance Scan 1385 (5.793 min): VU050308.D\data.ms (-1293) (-)

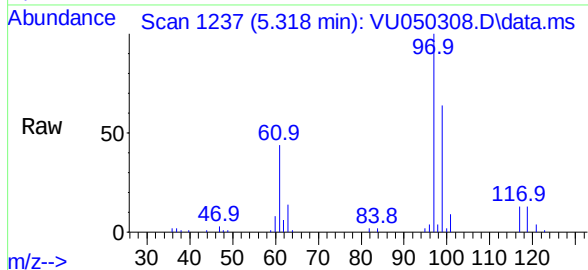


Abundance Scan 1237 (5.317 min): VU050285.D\data.ms (-1229)

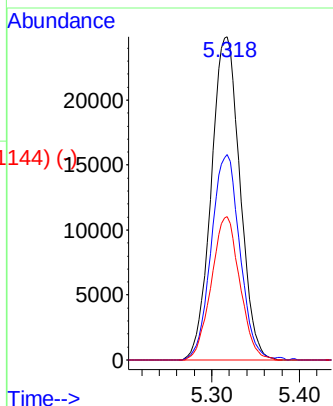
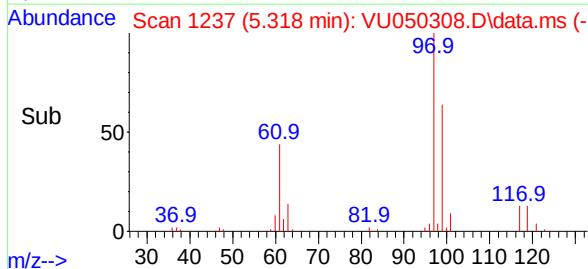


1,1,1-Trichloroethane
Concen: 5.298 ug/L
RT: 5.318 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

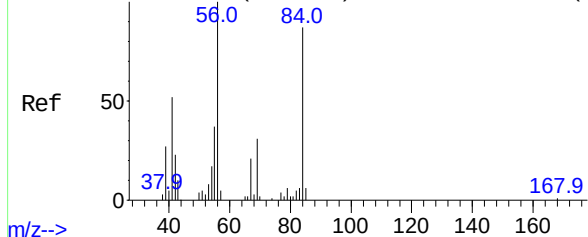
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	97	Resp:	56393
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.5	77.3
61	44.0	34.2	51.4

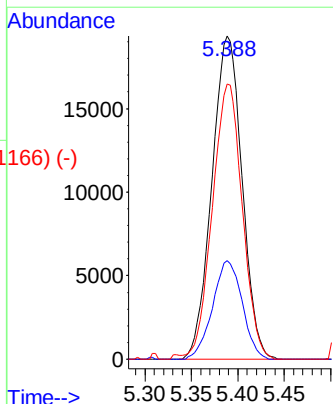
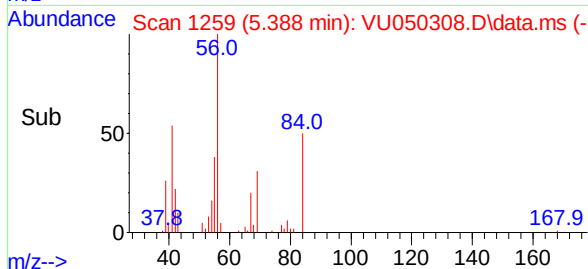
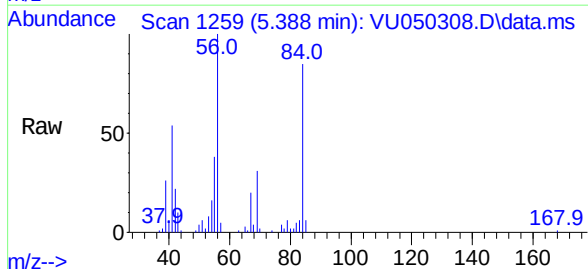


Abundance Scan 1259 (5.388 min): VU050285.D\data.ms (-1243)

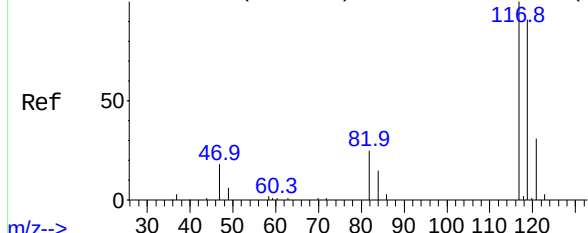


Cyclohexane
Concen: 4.729 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

Tgt Ion:	56	Resp:	43860
Ion	Ratio	Lower	Upper
56	100		
69	29.9	24.6	37.0
84	84.5	69.1	103.7



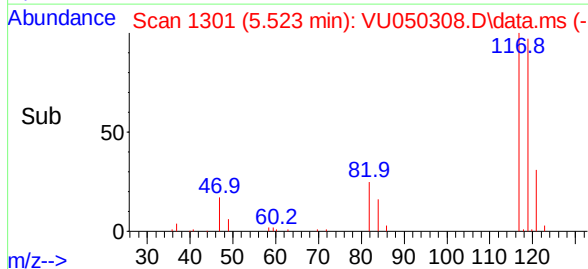
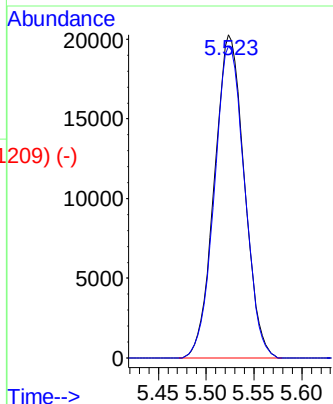
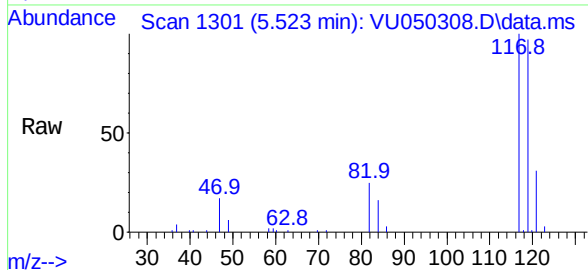
Abundance Scan 1302 (5.527 min): VU050285.D\data.ms (-12831-)



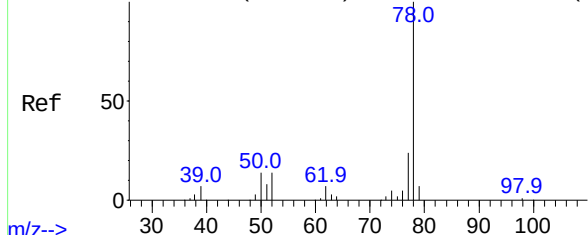
Carbon tetrachloride
Concen: 5.048 ug/L
RT: 5.523 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:117 Resp: 44041
Ion Ratio Lower Upper
117 100
119 97.2 76.0 114.0

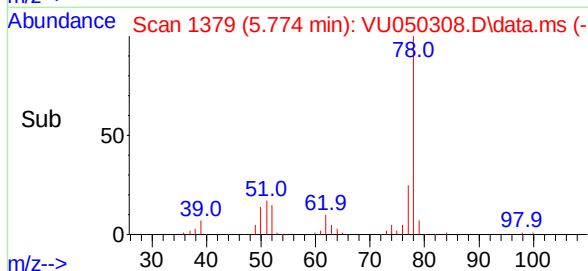
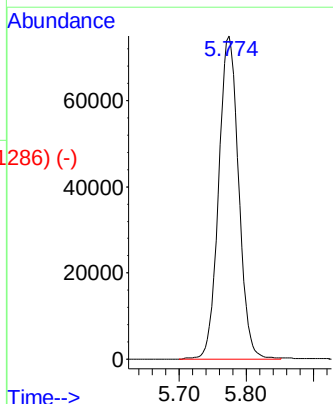
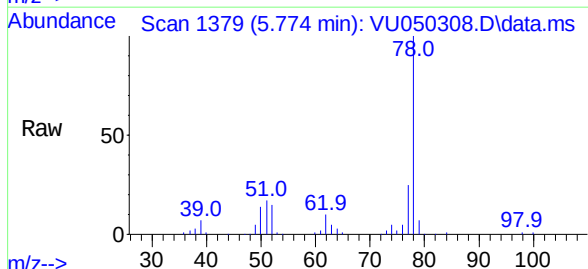


Abundance Scan 1379 (5.774 min): VU050285.D\data.ms (-13563-)

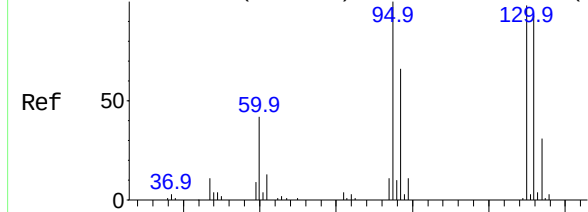


Benzene
Concen: 5.097 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

Tgt Ion: 78 Resp: 154946



Abundance Scan 1618 (6.543 min): VU050285.D\data.ms (-1664)



Trichloroethene

Concen: 4.859 ug/L

RT: 6.543 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 35725

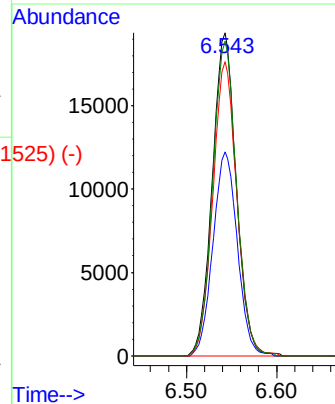
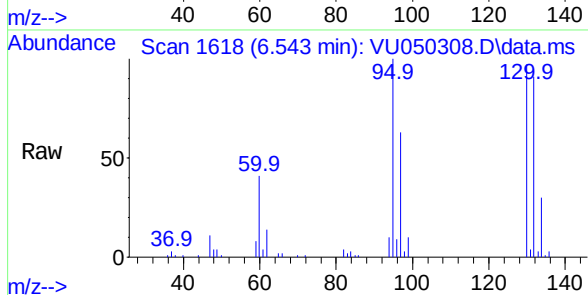
Ion Ratio Lower Upper

95 100

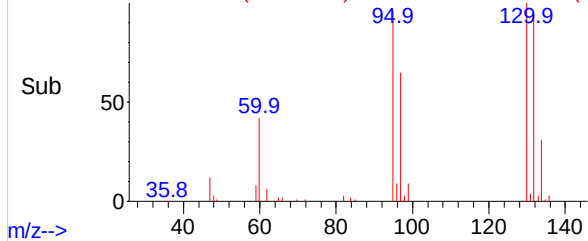
97 63.2 45.6 84.8

132 91.1 65.0 120.6

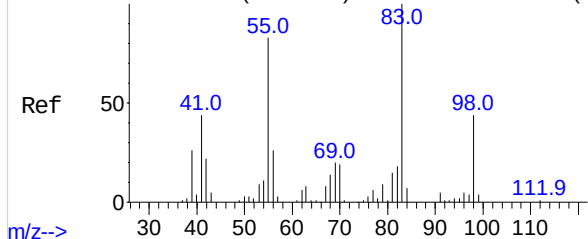
130 97.4 69.3 128.7



Abundance Scan 1618 (6.543 min): VU050308.D\data.ms (-1525)



Abundance Scan 1687 (6.764 min): VU050285.D\data.ms (-1679)



Methylcyclohexane

Concen: 4.392 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

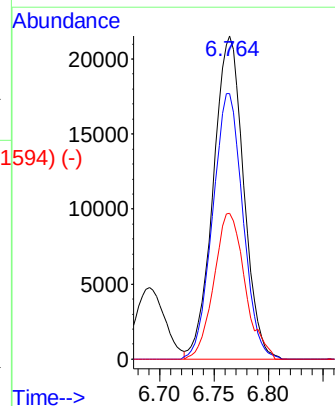
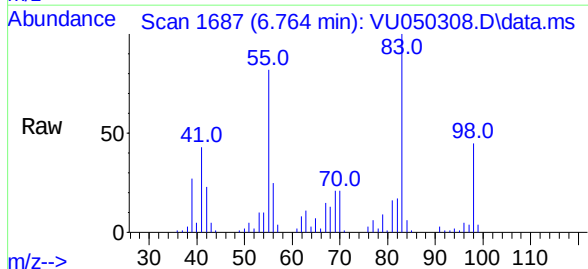
Tgt Ion: 83 Resp: 41683

Ion Ratio Lower Upper

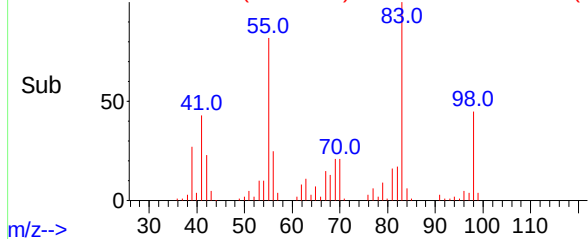
83 100

55 81.8 62.7 94.1

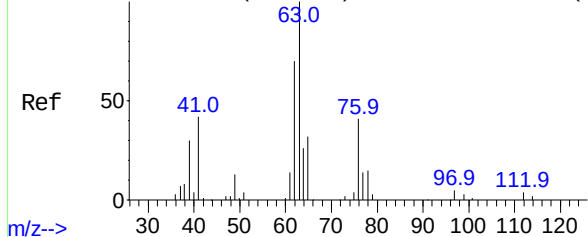
98 46.2 36.2 54.2



Abundance Scan 1687 (6.764 min): VU050308.D\data.ms (-1594)



Abundance Scan 1696 (6.793 min): VU050285.D\data.ms (-16797-)



1,2-Dichloropropane

Concen: 5.281 ug/L

RT: 6.790 min Scan# 1696

Delta R.T. -0.003 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

Instrument :

MSVOA_U

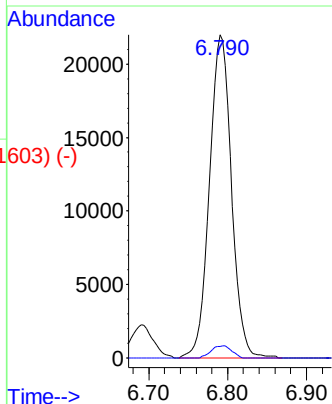
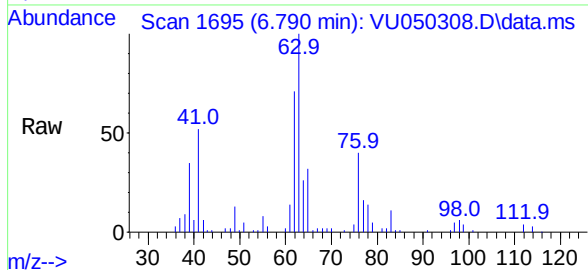
ClientSampleId :

Tgt Ion: 63 Resp: 42763

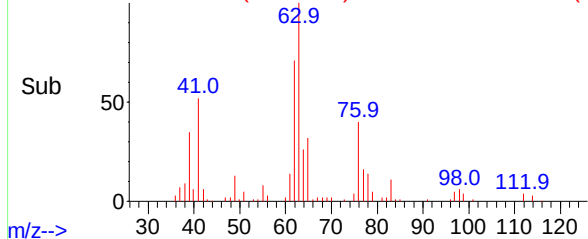
Ion Ratio Lower Upper

63 100

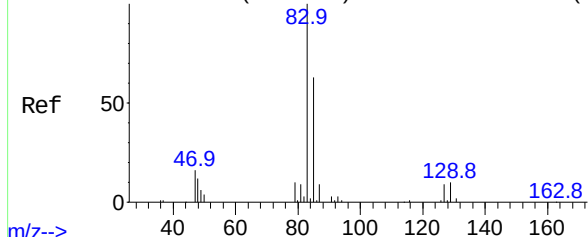
112 3.5 3.0 4.4



Abundance Scan 1695 (6.790 min): VU050308.D\data.ms (-1603-)



Abundance Scan 1793 (7.105 min): VU050285.D\data.ms (-17609-)



Bromodichloromethane

Concen: 5.338 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

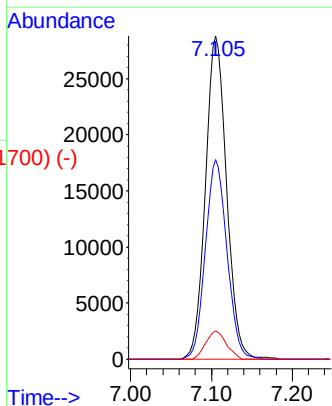
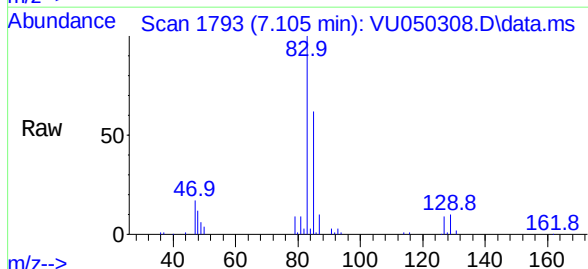
Tgt Ion: 83 Resp: 52507

Ion Ratio Lower Upper

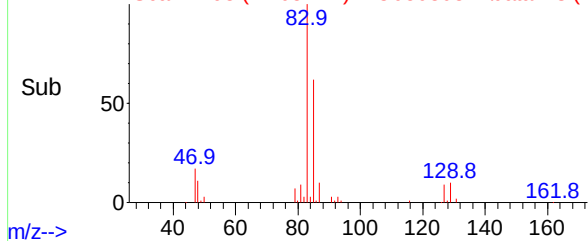
83 100

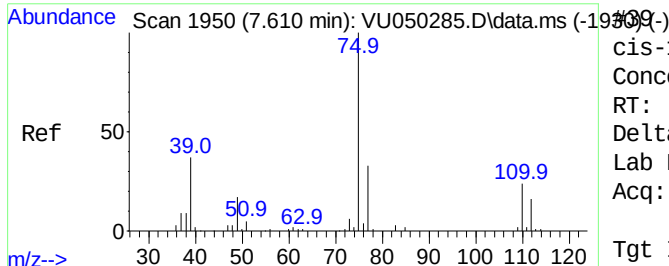
85 61.7 45.1 83.7

127 8.7 6.8 10.2



Abundance Scan 1793 (7.105 min): VU050308.D\data.ms (-1700-)

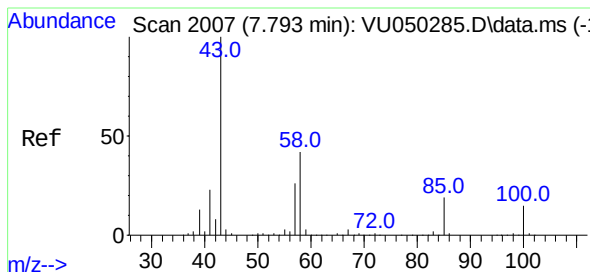
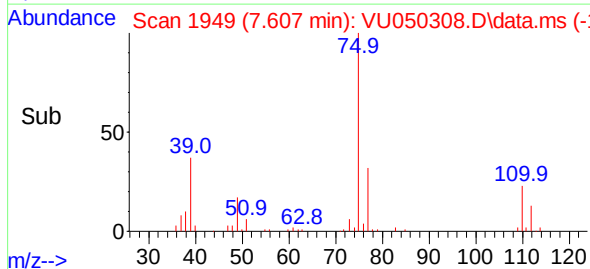
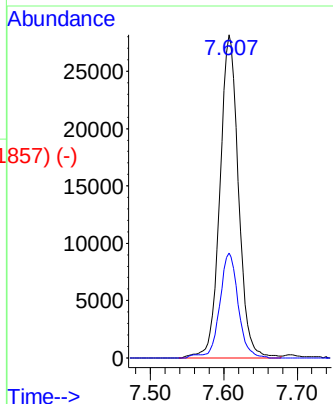
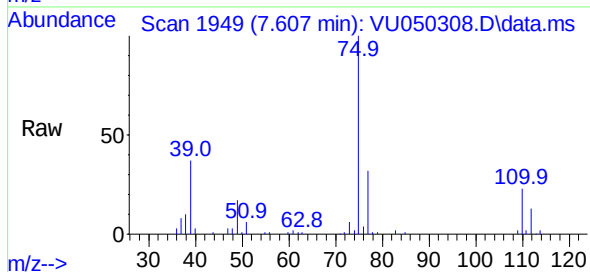




cis-1,3-Dichloropropene
Concen: 4.709 ug/L
RT: 7.607 min Scan# 1949
Delta R.T. -0.003 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

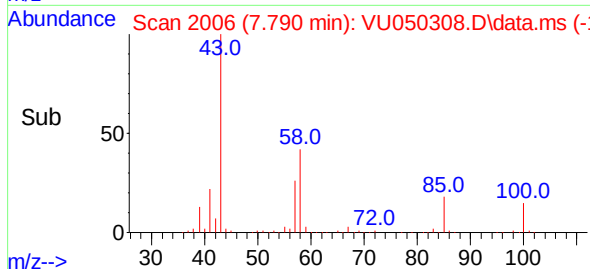
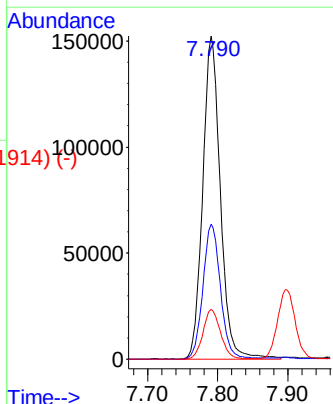
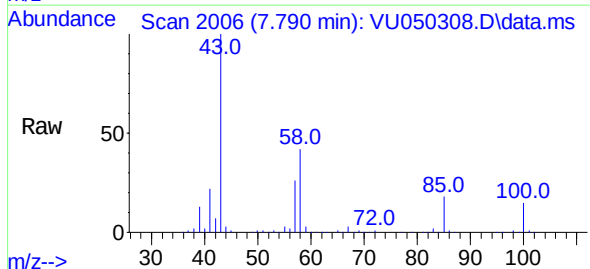
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 49762
Ion Ratio Lower Upper
75 100
77 32.4 21.8 40.4

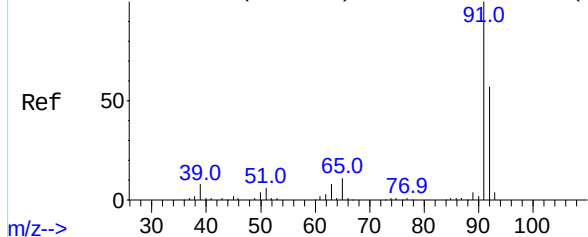


4-Methyl-2-pentanone
Concen: 56.708 ug/L
RT: 7.790 min Scan# 2006
Delta R.T. -0.003 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

Tgt Ion: 43 Resp: 265970
Ion Ratio Lower Upper
43 100
58 41.6 34.6 51.8
100 15.3 13.0 19.4



Abundance Scan 2062 (7.970 min): VU050285.D\data.ms (-2042)



Toluene

Concen: 5.300 ug/L

RT: 7.970 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

Instrument :

MSVOA_U

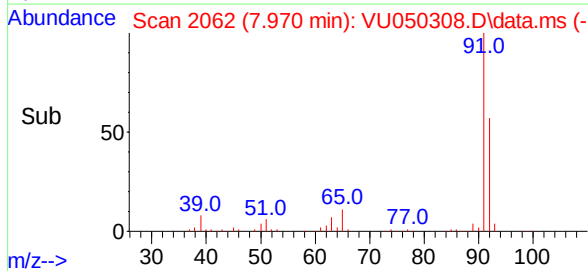
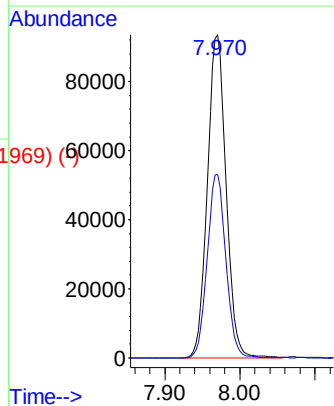
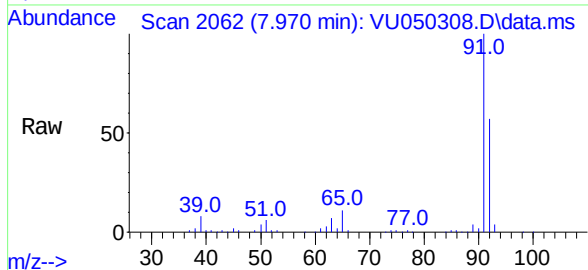
ClientSampleId :

Tgt Ion: 91 Resp: 161587

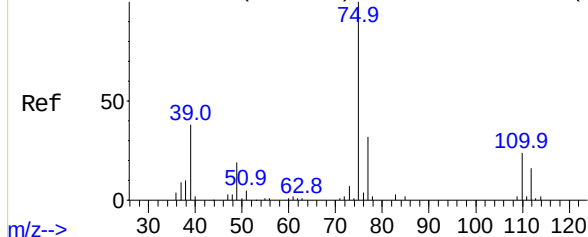
Ion Ratio Lower Upper

91 100

92 56.8 39.8 74.0



Abundance Scan 2137 (8.211 min): VU050285.D\data.ms (-2114)



trans-1,3-Dichloropropene

Concen: 4.818 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU050308.D

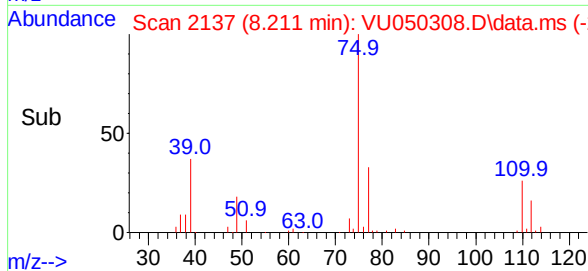
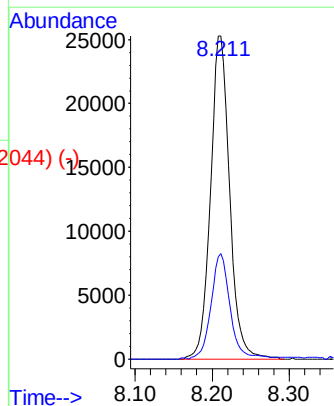
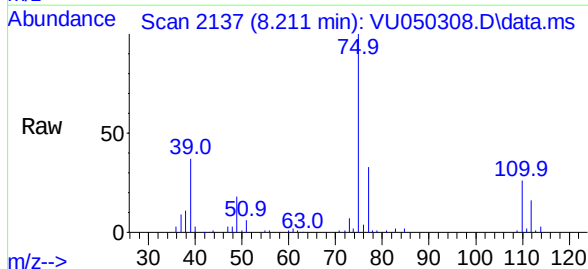
Acq: 13 Aug 2022 02:37

Tgt Ion: 75 Resp: 43666

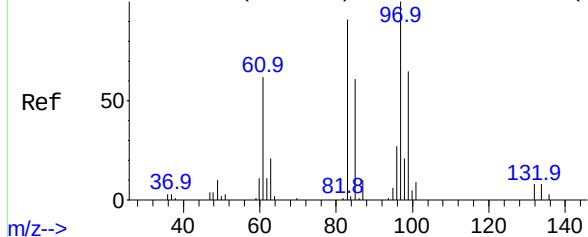
Ion Ratio Lower Upper

75 100

77 32.7 22.0 40.8

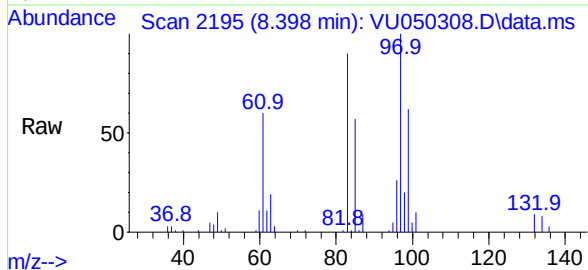


Abundance Scan 2196 (8.401 min): VU050285.D\data.ms (-2196) (-)

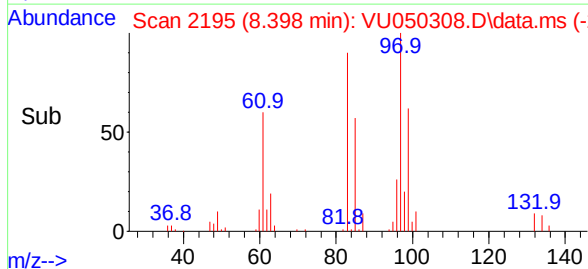
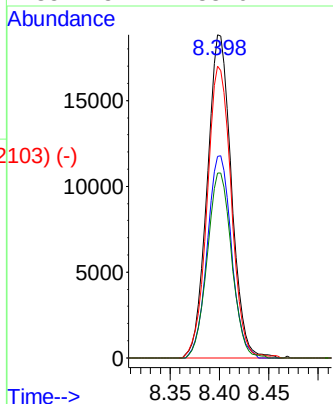


1,1,2-Trichloroethane
Concen: 5.319 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

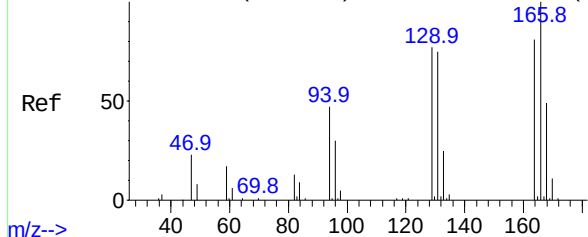
Instrument :
MSVOA_U
ClientSampleId :



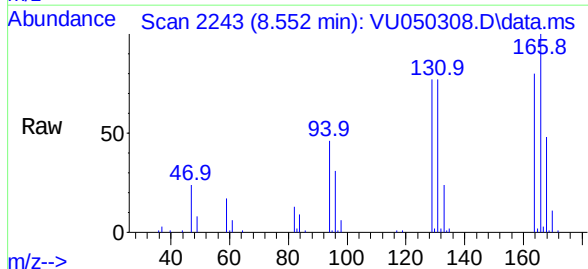
Tgt Ion:	97	Resp:	32195
Ion	Ratio	Lower	Upper
97	100		
99	62.4	42.2	78.4
83	90.4	59.6	110.6
85	57.2	38.6	71.8



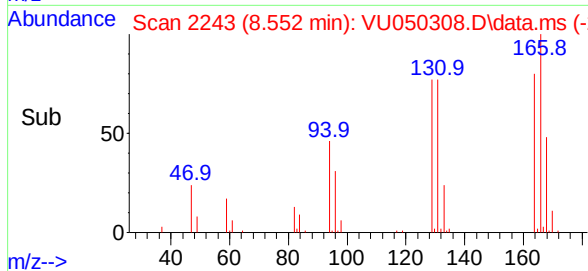
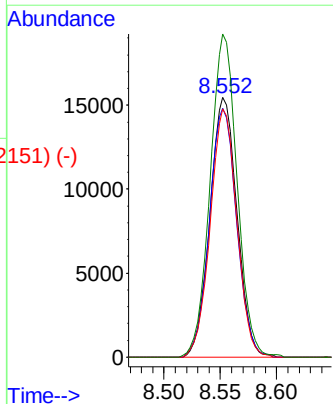
Abundance Scan 2244 (8.555 min): VU050285.D\data.ms (-2244) (-)



Tetrachloroethene
Concen: 4.910 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37



Tgt Ion:	164	Resp:	25867
Ion	Ratio	Lower	Upper
164	100		
129	95.8	69.0	128.1
131	95.6	65.8	122.2
166	124.5	86.1	159.9



Abundance Scan 2285 (8.687 min): VU050285.D\data.ms (-2279) (-)

2-Hexanone

Concen: 55.243 ug/L

RT: 8.684 min Scan# 2285

Delta R.T. -0.003 min

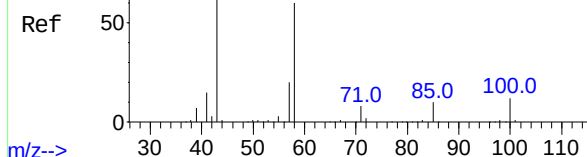
Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 200394

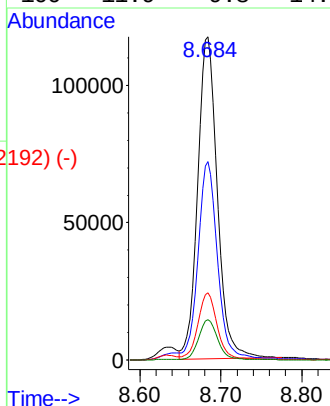
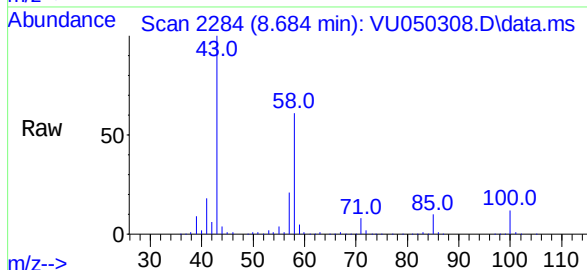
Ion Ratio Lower Upper

43 100

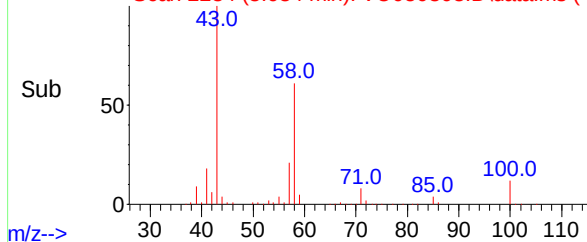
58 61.7 50.6 76.0

57 20.5 16.0 24.0

100 11.9 9.8 14.8



Abundance Scan 2284 (8.684 min): VU050308.D\data.ms (-2192) (-)



Abundance Scan 2323 (8.809 min): VU050285.D\data.ms (-2319) (-)

Dibromochloromethane

Concen: 5.264 ug/L

RT: 8.809 min Scan# 2323

Delta R.T. 0.000 min

Lab File: VU050308.D

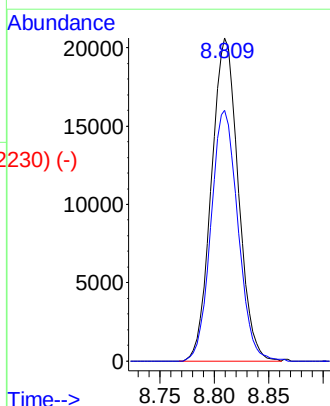
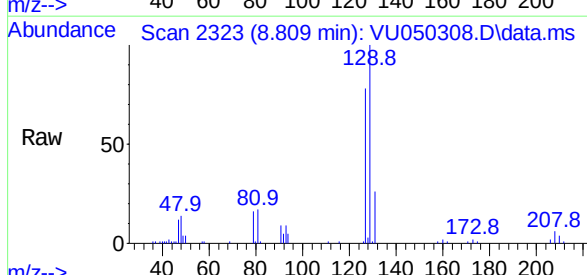
Acq: 13 Aug 2022 02:37

Tgt Ion:129 Resp: 35264

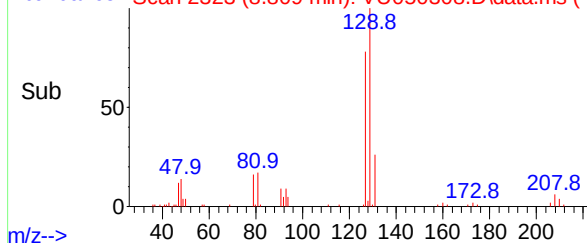
Ion Ratio Lower Upper

129 100

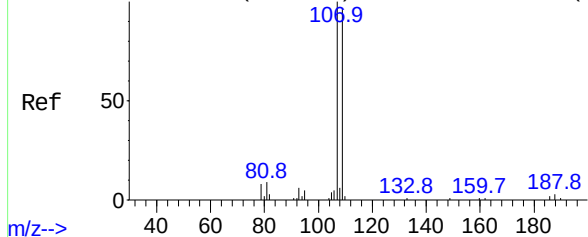
127 77.6 55.3 102.7



Abundance Scan 2323 (8.809 min): VU050308.D\data.ms (-2230) (-)



Abundance Scan 2359 (8.925 min): VU050285.D\data.ms (-23450-)



1,2-Dibromoethane

Concen: 5.479 ug/L

RT: 8.922 min Scan# 2359

Delta R.T. -0.003 min

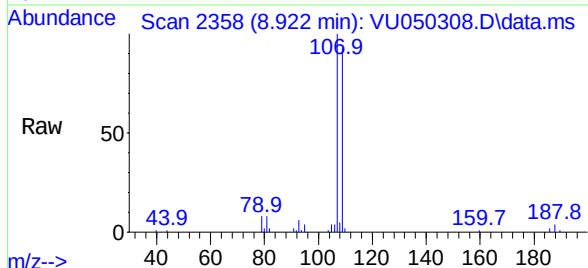
Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

Instrument :

MSVOA_U

ClientSampleId :



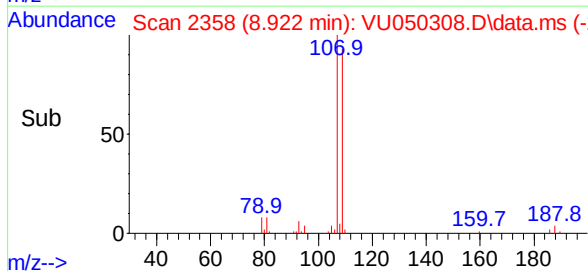
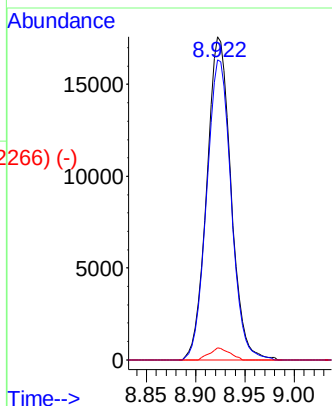
Tgt Ion:107 Resp: 30073

Ion Ratio Lower Upper

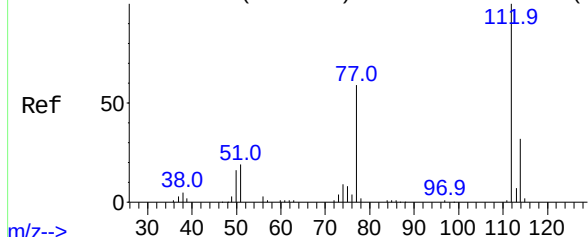
107 100

109 92.8 66.6 123.6

188 3.7 2.7 4.1



Abundance Scan 2521 (9.446 min): VU050285.D\data.ms (-25051-)



Chlorobenzene

Concen: 5.078 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

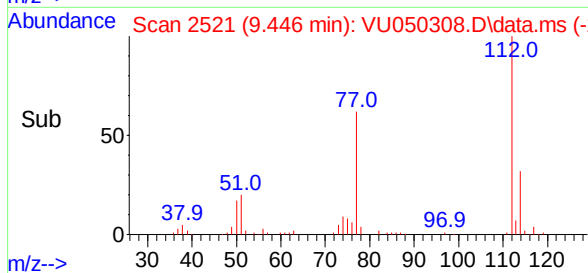
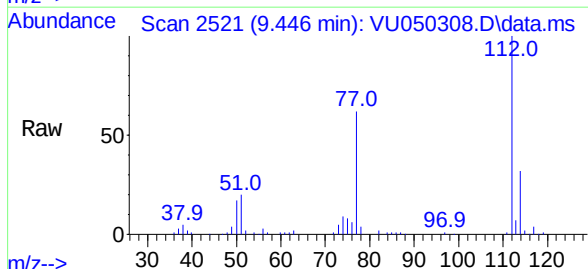
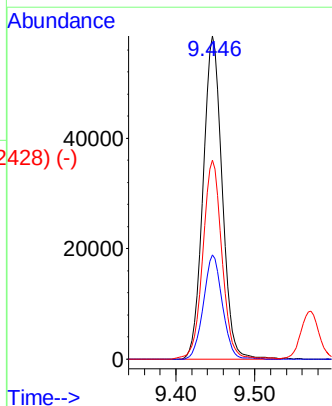
Tgt Ion:112 Resp: 97405

Ion Ratio Lower Upper

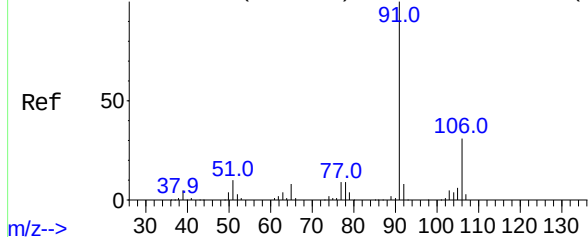
112 100

114 32.2 22.1 41.1

77 61.5 46.3 69.5



Abundance Scan 2560 (9.571 min): VU050285.D\data.ms (-25462-)



Ethylbenzene

Concen: 4.996 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

Instrument :

MSVOA_U

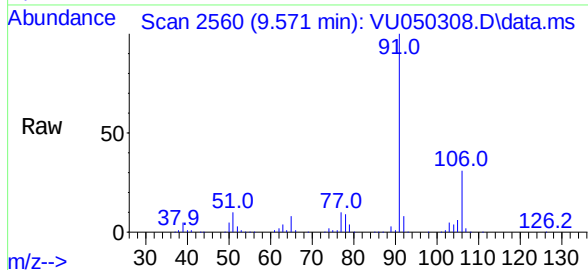
ClientSampleId :

Tgt Ion: 91 Resp: 148634

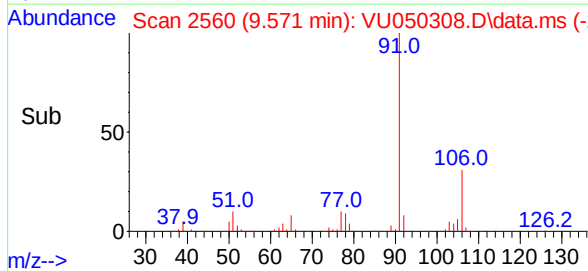
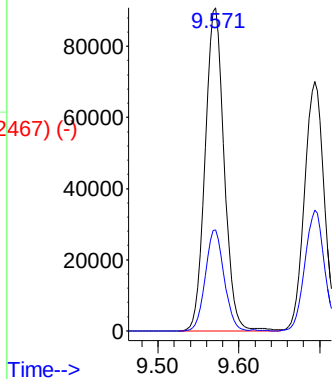
Ion Ratio Lower Upper

91 100

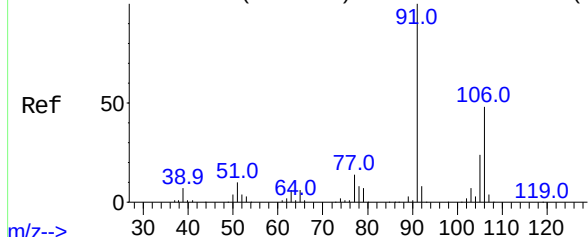
106 31.2 21.3 39.5



Abundance



Abundance Scan 2598 (9.694 min): VU050285.D\data.ms (-25453-)



m,p-Xylene

Concen: 5.235 ug/L

RT: 9.694 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU050308.D

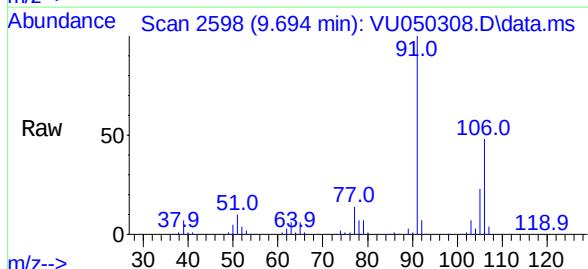
Acq: 13 Aug 2022 02:37

Tgt Ion:106 Resp: 57352

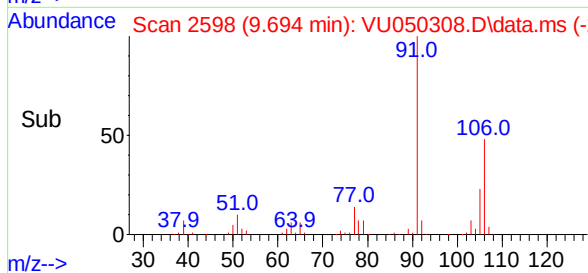
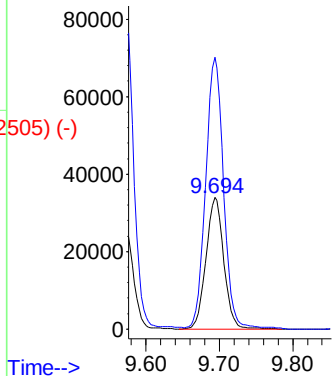
Ion Ratio Lower Upper

106 100

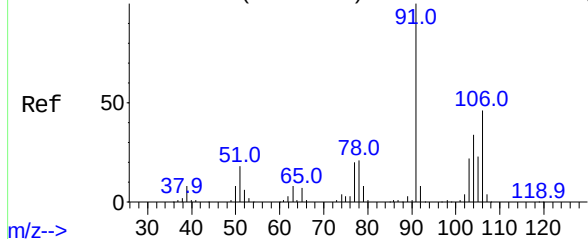
91 206.4 143.1 265.9



Abundance



Abundance Scan 2725 (10.102 min): VU050285.D\data.ms (-2754) (-)

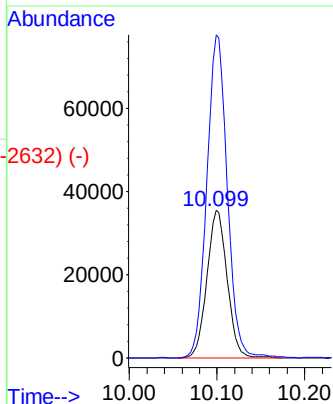
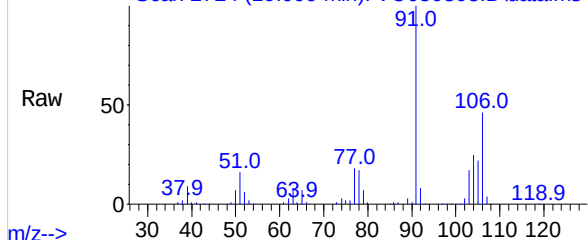


o-Xylene
Concen: 5.189 ug/L
RT: 10.099 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

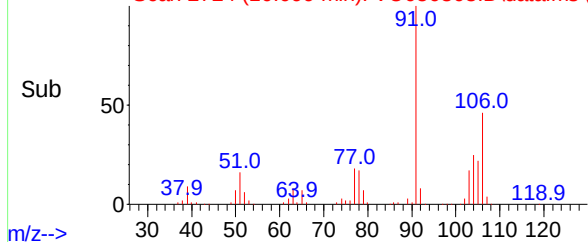
Instrument : MSVOA_U
Client SampleId :

Tgt Ion:106 Resp: 56750
Ion Ratio Lower Upper
106 100
91 219.0 149.4 277.4

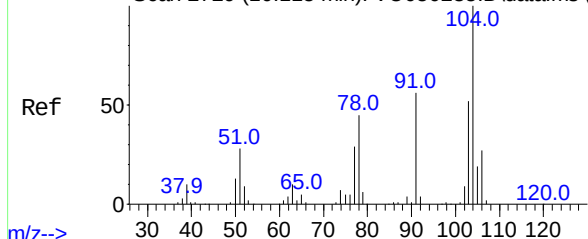
Abundance Scan 2724 (10.099 min): VU050308.D\data.ms



Abundance Scan 2724 (10.099 min): VU050308.D\data.ms (-2632) (-)



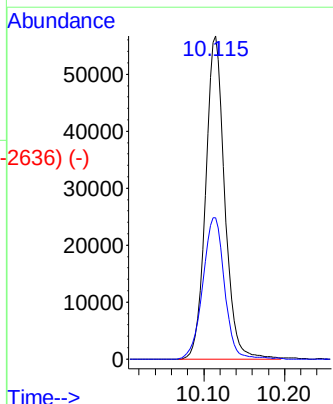
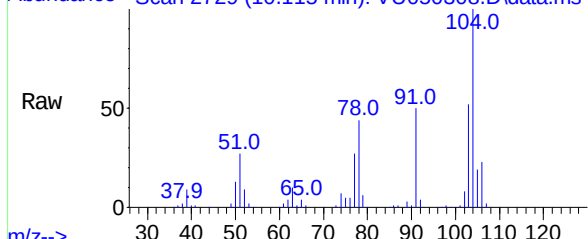
Abundance Scan 2729 (10.115 min): VU050285.D\data.ms (-2755) (-)



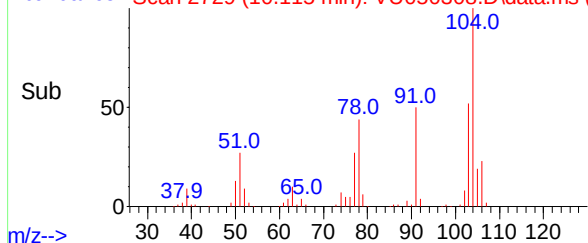
Styrene
Concen: 5.093 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

Tgt Ion:104 Resp: 93059
Ion Ratio Lower Upper
104 100
78 43.8 31.9 59.3

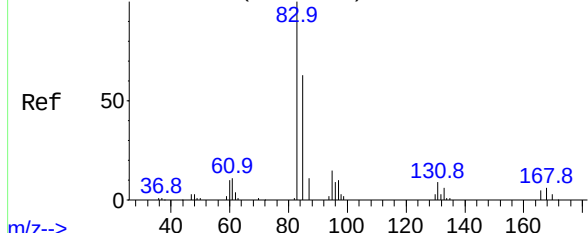
Abundance Scan 2729 (10.115 min): VU050308.D\data.ms



Abundance Scan 2729 (10.115 min): VU050308.D\data.ms (-2636) (-)



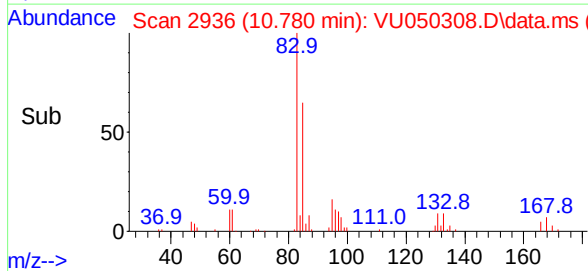
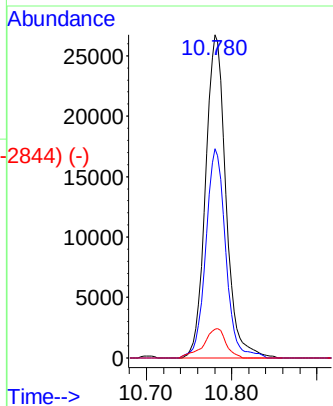
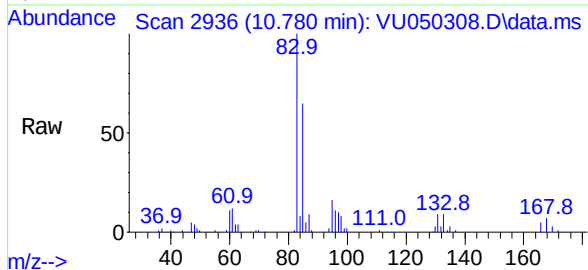
Abundance Scan 2937 (10.784 min): VU050285.D\data.ms (-2937) (-)



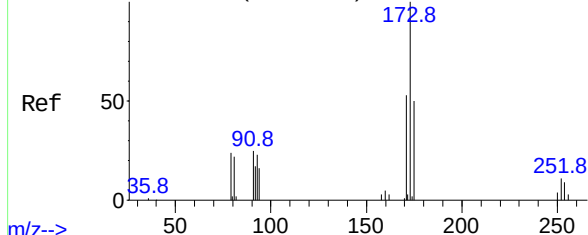
1,1,2,2-Tetrachloroethane
Concen: 5.565 ug/L
RT: 10.780 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	83	Resp:	44261
Ion	Ratio	Lower	Upper
83	100		
85	64.8	45.2	84.0
131	8.9	6.6	9.8

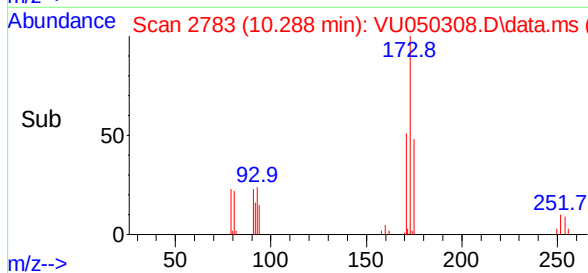
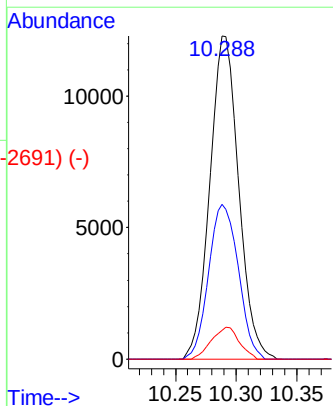
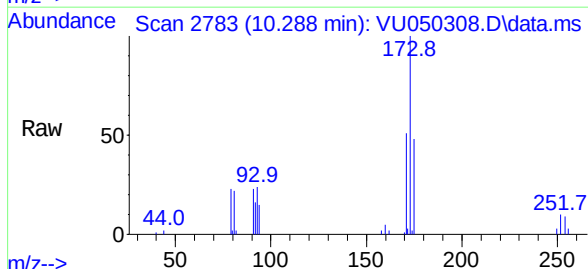


Abundance Scan 2784 (10.292 min): VU050285.D\data.ms (-2784) (-)

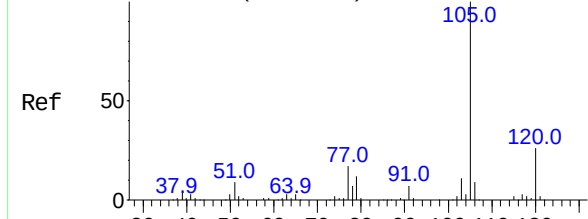


Bromoform
Concen: 4.964 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.003 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

Tgt Ion:	173	Resp:	20230
Ion	Ratio	Lower	Upper
173	100		
175	49.2	37.0	55.6
254	9.6	7.4	11.0



Abundance Scan 2844 (10.485 min): VU050285.D\data.ms (-2650) (-)



Isopropylbenzene

Concen: 5.097 ug/L

RT: 10.485 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

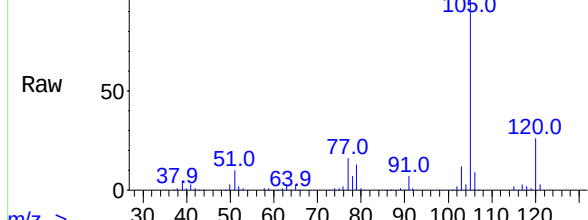
Instrument :

MSVOA_U

ClientSampleId :

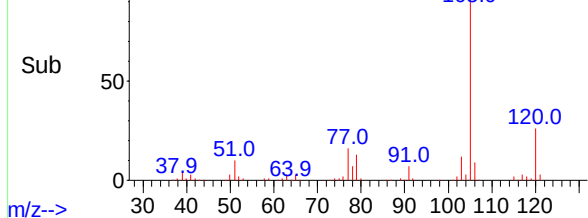
m/z-->

Abundance Scan 2844 (10.485 min): VU050308.D\data.ms



m/z-->

Abundance Scan 2844 (10.485 min): VU050308.D\data.ms (-2222) (-)



m/z-->

Tgt Ion:105 Resp: 138336

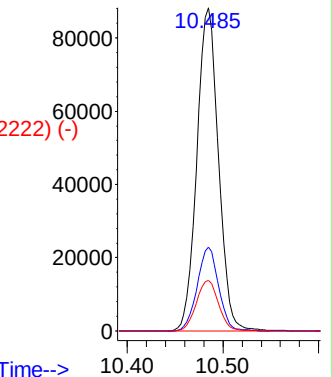
Ion Ratio Lower Upper

105 100

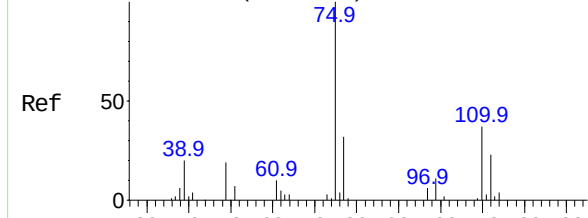
120 25.6 20.8 31.2

77 16.0 12.6 19.0

Abundance

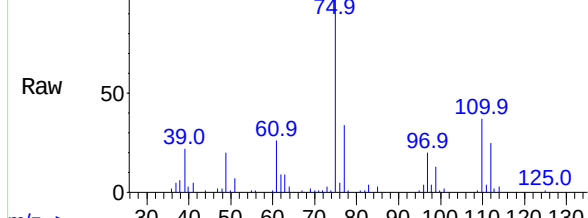


Abundance Scan 2949 (10.822 min): VU050285.D\data.ms (-2968) (-)



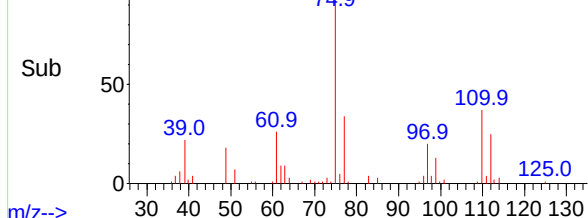
m/z-->

Abundance Scan 2949 (10.822 min): VU050308.D\data.ms



m/z-->

Abundance Scan 2949 (10.822 min): VU050308.D\data.ms (-2327) (-)



m/z-->

1,2,3-Trichloropropane

Concen: 5.428 ug/L

RT: 10.822 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

Tgt Ion: 75 Resp: 30047

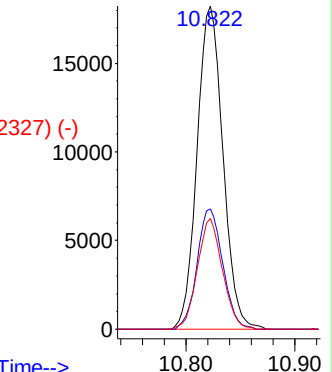
Ion Ratio Lower Upper

75 100

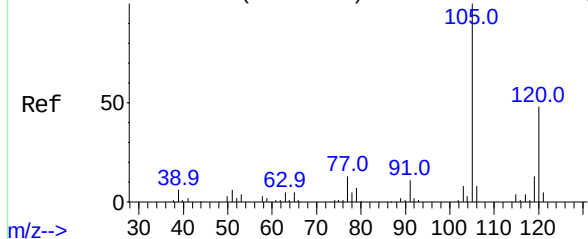
110 36.8 28.5 42.7

77 33.1 25.8 38.6

Abundance



Abundance Scan 3032 (11.089 min): VU050285.D\data.ms (-3032) (-)

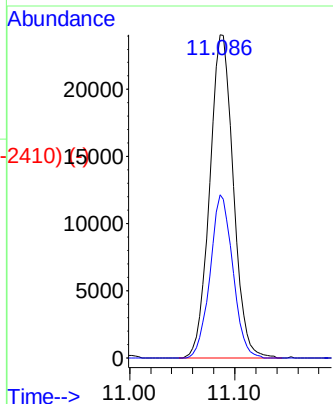
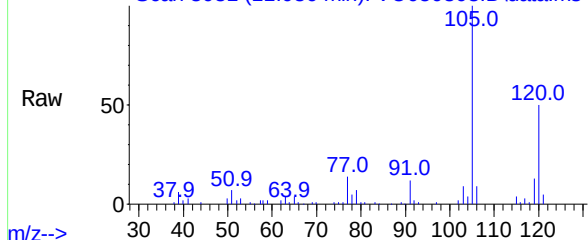


1,3,5-Trimethylbenzene
Concen: 4.886 ug/L
RT: 11.086 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

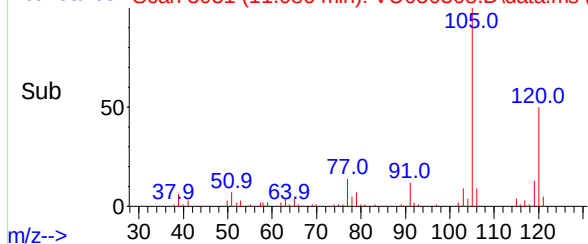
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 37460
Ion Ratio Lower Upper
105 100
120 48.6 38.9 58.3

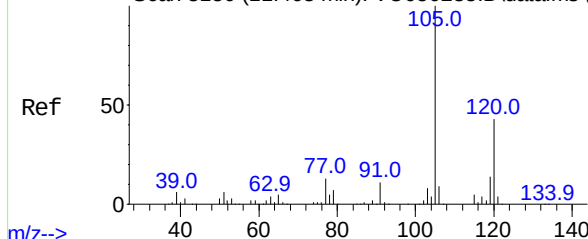
Abundance Scan 3031 (11.086 min): VU050308.D\data.ms



Abundance Scan 3031 (11.086 min): VU050308.D\data.ms (-2410) (-)



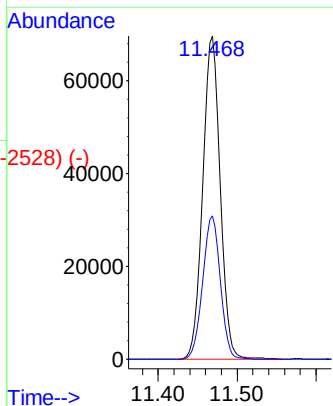
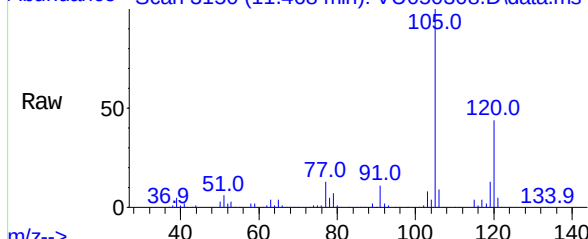
Abundance Scan 3150 (11.468 min): VU050285.D\data.ms (-3150) (-)



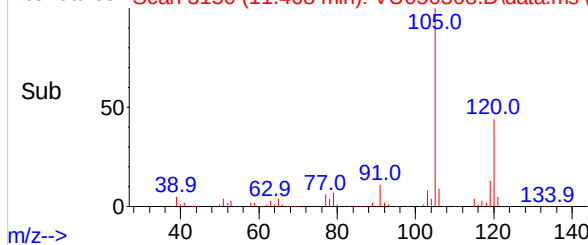
1,2,4-Trimethylbenzene
Concen: 5.076 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

Tgt Ion:105 Resp: 106044
Ion Ratio Lower Upper
105 100
120 44.8 35.9 53.9

Abundance Scan 3150 (11.468 min): VU050308.D\data.ms



Abundance Scan 3150 (11.468 min): VU050308.D\data.ms (-2528) (-)



Abundance Scan 3236 (11.745 min): VU050285.D\data.ms (-3236) (-)

1,3-Dichlorobenzene

Concen: 5.089 ug/L

RT: 11.745 min Scan# 3236

Delta R.T. 0.000 min

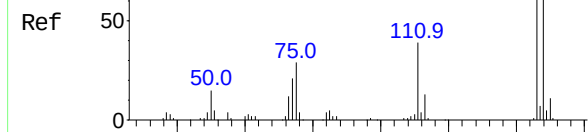
Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

Instrument :

MSVOA_U

ClientSampleId :



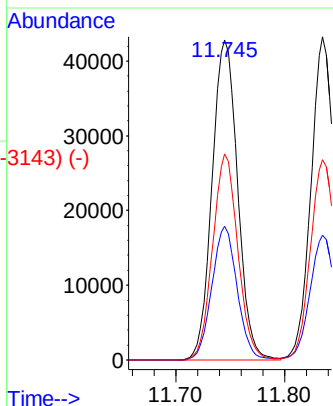
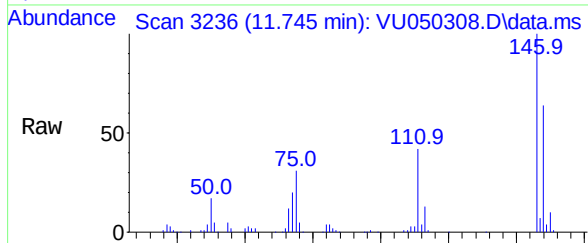
Tgt Ion:146 Resp: 69606

Ion Ratio Lower Upper

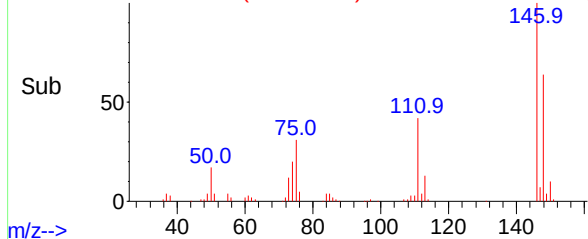
146 100

111 41.8 29.9 55.5

148 64.5 45.8 85.2



Abundance Scan 3236 (11.745 min): VU050308.D\data.ms (-3143) (-)



Abundance Scan 3265 (11.838 min): VU050285.D\data.ms (-3265) (-)

1,4-Dichlorobenzene

Concen: 5.142 ug/L

RT: 11.835 min Scan# 3264

Delta R.T. -0.003 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

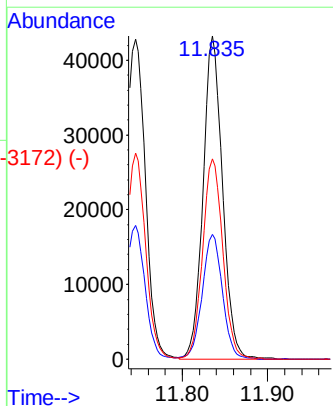
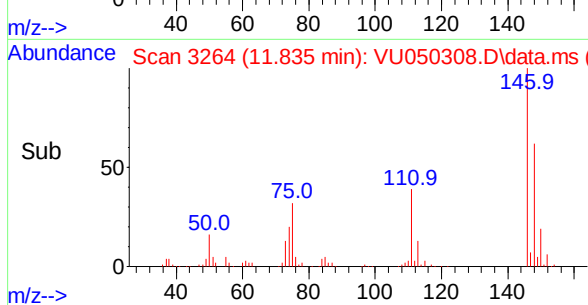
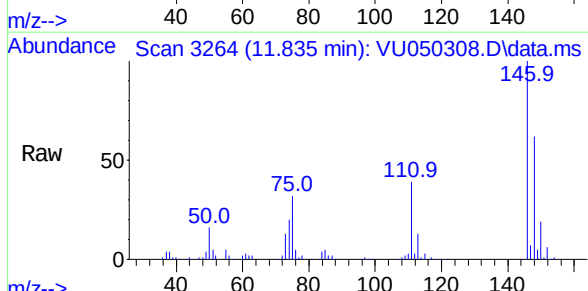
Tgt Ion:146 Resp: 68441

Ion Ratio Lower Upper

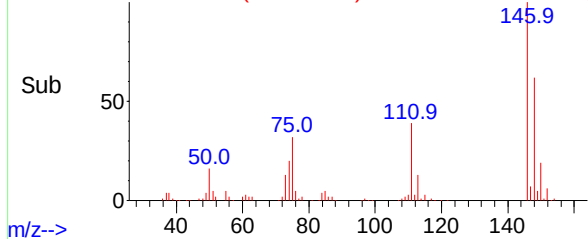
146 100

111 38.6 28.1 52.1

148 62.0 44.6 82.8



Abundance Scan 3264 (11.835 min): VU050308.D\data.ms (-3172) (-)



Abundance Scan 3382 (12.214 min): VU050285.D\data.ms (-3367) (-)

1,2-Dichlorobenzene

Concen: 5.431 ug/L

RT: 12.211 min Scan#

Delta R.T. -0.003 min

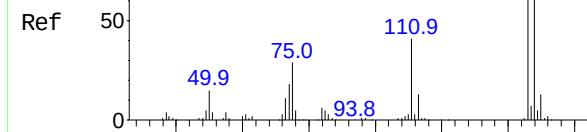
Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

Instrument :

MSVOA_U

ClientSampleId :



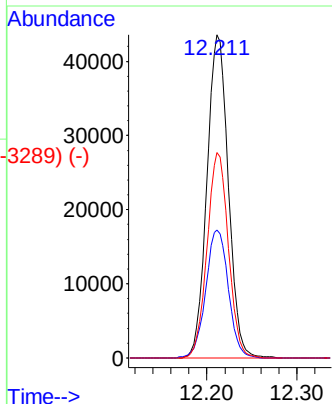
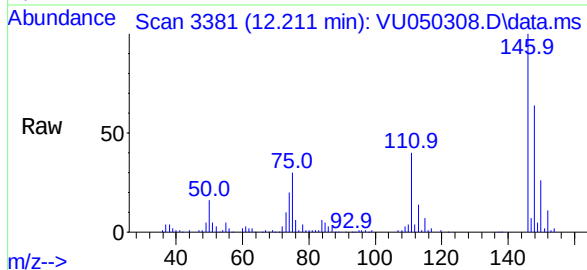
Tgt Ion:146 Resp: 71942

Ion Ratio Lower Upper

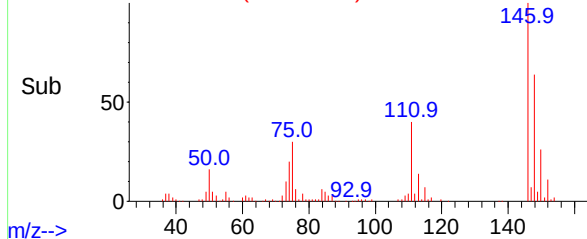
146 100

111 39.7 32.9 49.3

148 63.6 50.4 75.6



Abundance Scan 3381 (12.211 min): VU050308.D\data.ms (-3289) (-)



Abundance Scan 3625 (12.996 min): VU050285.D\data.ms (-3608) (-)

1,2-Dibromo-3-chloropropane

Concen: 5.879 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

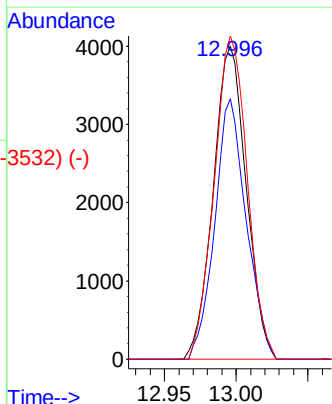
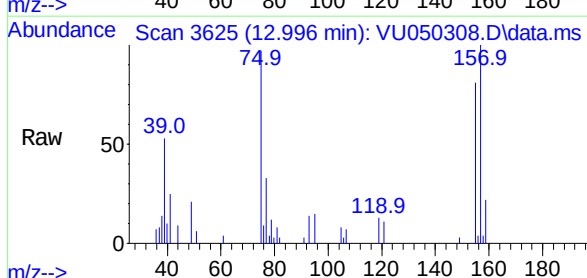
Tgt Ion: 75 Resp: 6381

Ion Ratio Lower Upper

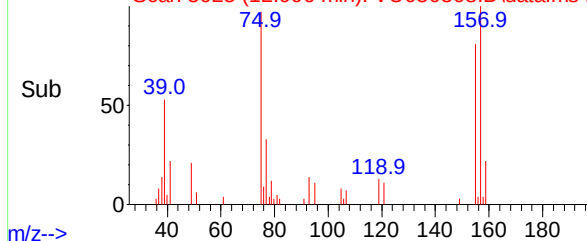
75 100

155 83.3 63.5 95.3

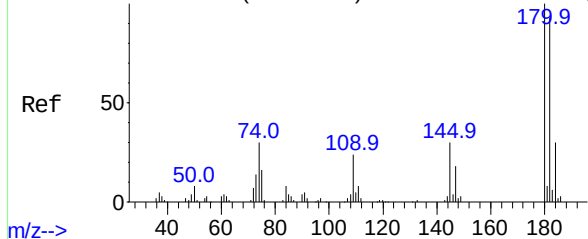
157 103.4 85.0 127.6



Abundance Scan 3625 (12.996 min): VU050308.D\data.ms (-3532) (-)

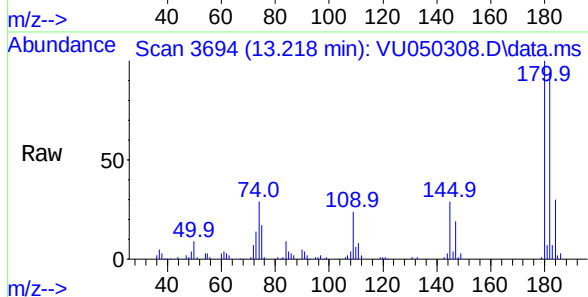


Abundance Scan 3695 (13.221 min): VU050285.D\data.ms (-3695) (-)

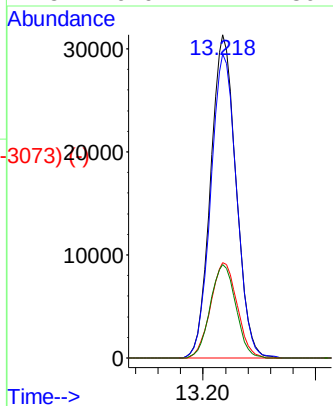
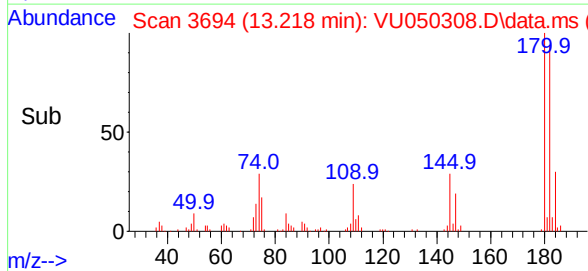


1,3,5-Trichlorobenzene
Concen: 5.022 ug/L
RT: 13.218 min Scan# 3694
Delta R.T. -0.003 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

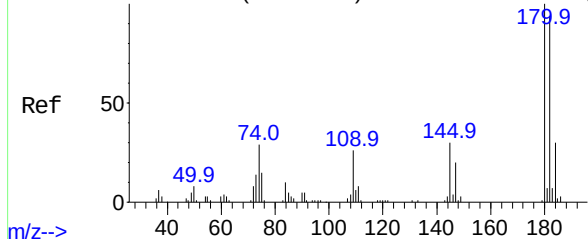
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:180 Resp: 48935
Ion Ratio Lower Upper
180 100
182 95.4 77.3 115.9
184 30.7 24.1 36.1
145 29.0 24.2 36.2

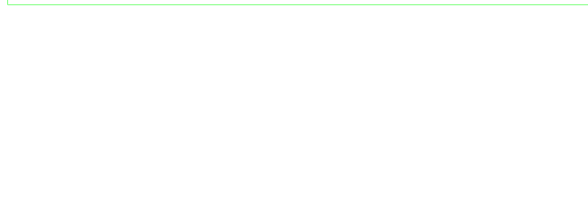
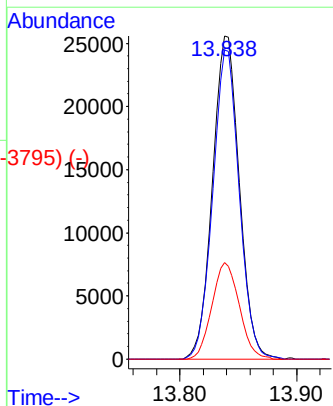
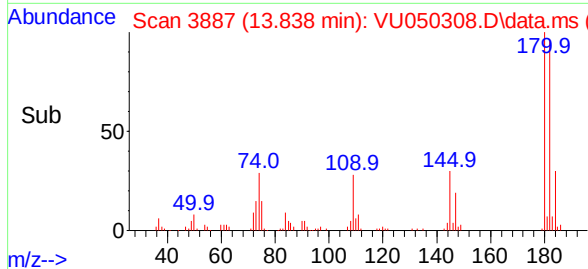
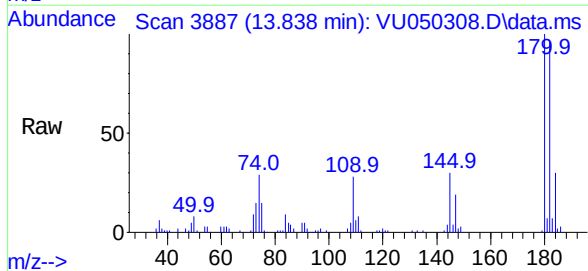


Abundance Scan 3888 (13.841 min): VU050285.D\data.ms (-3876) (-)



1,2,4-trichlorobenzene
Concen: 5.509 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. -0.003 min
Lab File: VU050308.D
Acq: 13 Aug 2022 02:37

Tgt Ion:180 Resp: 40671
Ion Ratio Lower Upper
180 100
182 94.5 76.9 115.3
145 30.5 24.2 36.4



Abundance Scan 3965 (14.089 min): VU050285.D\data.ms (-3972) (-)

Naphthalene

Concen: 5.839 ug/L

RT: 14.086 min Scan# 3965

Delta R.T. -0.003 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128 Resp: 88396

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 12.8 10.6 16.0

Abundance Scan 3964 (14.086 min): VU050308.D\data.ms

Ref

51.0 74.0 102.0 128.0

m/z-->

Abundance Scan 3964 (14.086 min): VU050308.D\data.ms

Raw

51.0 73.9 102.0 128.0 149.1

m/z-->

Abundance Scan 3964 (14.086 min): VU050308.D\data.ms (-3343) (-)

Sub

51.0 73.9 102.0 128.0 149.1

m/z-->

Abundance

50000

40000

30000

20000

10000

0

14.00 14.10 14.20

Time-->

Abundance Scan 4040 (14.330 min): VU050285.D\data.ms (-4072) (-)

1,2,3-Trichlorobenzene

Concen: 5.658 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU050308.D

Acq: 13 Aug 2022 02:37

Tgt Ion:180 Resp: 42347

Ion Ratio Lower Upper

180 100

182 95.1 77.5 116.3

145 31.9 25.8 38.6

Abundance Scan 4040 (14.330 min): VU050308.D\data.ms

Ref

36.9 74.0 108.9 144.9 179.9

m/z-->

Abundance Scan 4040 (14.330 min): VU050308.D\data.ms

Raw

48.9 73.9 108.9 144.9 179.9

m/z-->

Abundance Scan 4040 (14.330 min): VU050308.D\data.ms (-3947) (-)

Sub

48.9 73.9 108.9 144.9 179.9

m/z-->

Abundance

25000

20000

15000

10000

5000

0

14.30 14.40

Time-->