

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
 Data File : VU049903.D
 Acq On : 26 Jul 2022 06:45
 Operator : SY/MD
 Sample : N3870-18MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ15MSD

Quant Time: Jul 26 09:01:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 26 06:46:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	72914	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	69800	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	33983	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	27209	4.609	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	92.200%	
7) Chloroethane-d5	1.912	69	24207	4.900	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	98.000%	
11) 1,1-Dichloroethene-d2	2.565	65	11784	4.473	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	89.400%	
20) 2-Butanone-d5	4.632	46	133522	62.865	ug/L	-0.01
Spiked Amount 50.000	Range 40	- 130	Recovery	=	125.720%	
24) Chloroform-d	5.063	84	69921	5.318	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	106.400%	
26) 1,2-Dichloroethane-d4	5.703	65	40022	5.191	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	103.800%	
32) Benzene-d6	5.729	84	119992	5.045	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	100.800%	
36) 1,2-Dichloropropane-d6	6.690	67	44837	5.456	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	109.200%	
41) Toluene-d8	7.896	98	103893	4.997	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	100.000%	
43) trans-1,3-Dichloroprop...	8.179	79	14212	4.764	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	95.200%	
46) 2-Hexanone-d5	8.632	63	70253	59.428	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	118.860%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41022	5.945	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	118.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	37917	5.406	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	108.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	44264	5.750	ug/L	100
3) Chloromethane	1.520	50	43784	4.623	ug/L	98
5) Vinyl chloride	1.604	62	40417	5.104	ug/L	98
6) Bromomethane	1.858	94	18780	4.386	ug/L	95
8) Chloroethane	1.932	64	22044	4.831	ug/L	96
9) Trichlorofluoromethane	2.137	101	52024	5.344	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	43368	9.108	ug/L	98
12) 1,1-Dichloroethene	2.578	96	29134	6.047	ug/L	89
13) Acetone	2.642	43	66843	52.323	ug/L	97
14) Carbon disulfide	2.793	76	70614	4.737	ug/L	97
15) Methyl Acetate	2.957	43	9749	3.061	ug/L	98
16) Methylene chloride	3.044	84	31804	2.927	ug/L	95
17) Methyl tert-butyl Ether	3.366	73	73830	4.730	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	26661	4.788	ug/L	91
19) 1,1-Dichloroethane	3.870	63	67146	5.579	ug/L	97
21) 2-Butanone	4.710	43	110378	50.944	ug/L	91
22) cis-1,2-Dichloroethene	4.668	96	220900	34.247	ug/L	94
23) Bromochloromethane	4.976	128	14425	5.006	ug/L	95

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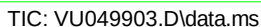
Quant Time: Jul 26 09:01:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
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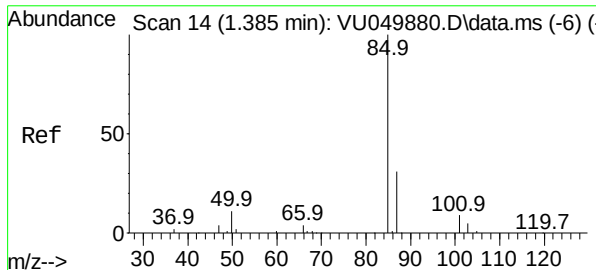
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	5.089	83	60598	4.746	ug/L	99
27) 1,2-Dichloroethane	5.796	62	40596	4.629	ug/L	96
29) 1,1,1-Trichloroethane	5.314	97	50449	5.149	ug/L	99
30) Cyclohexane	5.388	56	42636	5.374	ug/L	97
31) Carbon tetrachloride	5.526	117	40494	5.089	ug/L	96
33) Benzene	5.774	78	121711	4.805	ug/L	100
34) Trichloroethene	6.542	95	321654	52.377	ug/L	98
35) Methylcyclohexane	6.764	83	41191	5.438	ug/L	100
37) 1,2-Dichloropropane	6.790	63	34905	4.835	ug/L	99
38) Bromodichloromethane	7.105	83	43697	4.845	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	39640	4.167	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	258474	51.334	ug/L	99
42) Toluene	7.970	91	124501	4.915	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	34712	4.227	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	25197	4.891	ug/L	97
47) Tetrachloroethene	8.552	164	124673	29.492	ug/L	98
48) 2-Hexanone	8.684	43	207311	55.165	ug/L	96
49) Dibromochloromethane	8.809	129	29024	5.040	ug/L	96
50) 1,2-Dibromoethane	8.925	107	22864	4.997	ug/L	99
51) Chlorobenzene	9.446	112	76156	4.735	ug/L	99
52) Ethylbenzene	9.571	91	120816	4.638	ug/L	99
53) m,p-Xylene	9.693	106	43925	4.584	ug/L	97
54) o-Xylene	10.098	106	43934	4.640	ug/L	100
55) Styrene	10.102	104	3097	0.193	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	10.780	83	33577	5.046	ug/L	98
59) Bromoform	10.291	173	16533	5.590	ug/L	99
60) Isopropylbenzene	10.484	105	111500	4.960	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	24303	5.368	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	89228	4.697	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	87619	4.752	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	52735	4.744	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	52759	4.798	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	54116	4.928	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	5687	5.615	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	35925	4.378	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	30434	4.417	ug/L	98
71) Naphthalene	14.085	128	61944	4.611	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	30031	4.535	ug/L	94

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

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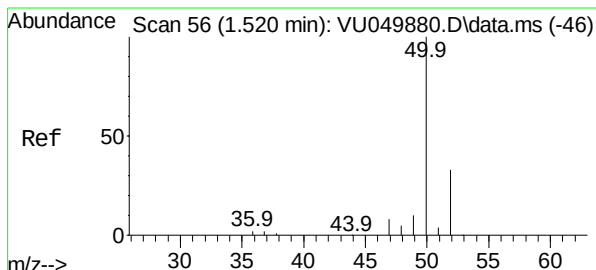
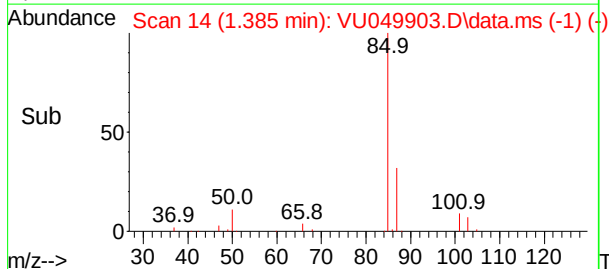
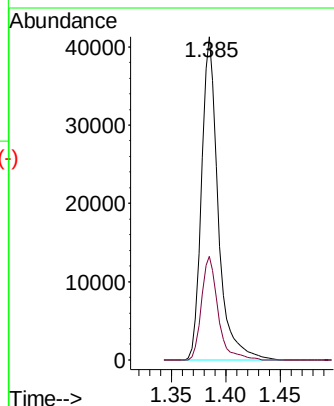
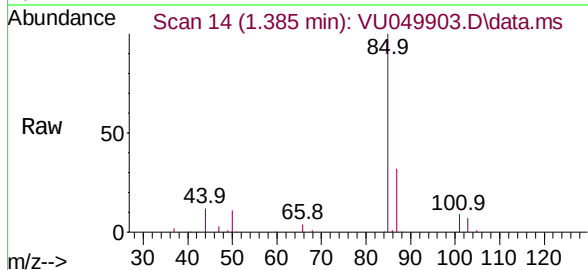




Dichlorodifluoromethane
 Concen: 5.750 ug/L
 RT: 1.385 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU049903.D
 Acq: 26 Jul 2022 06:45

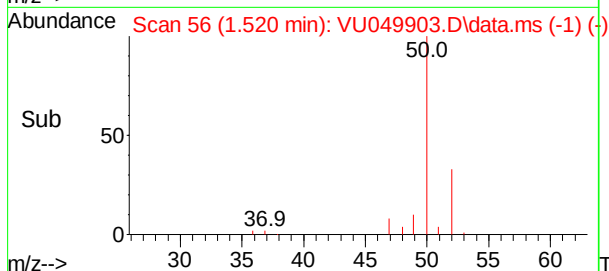
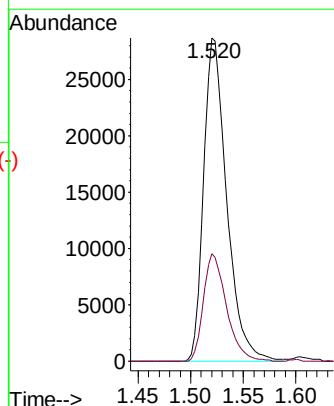
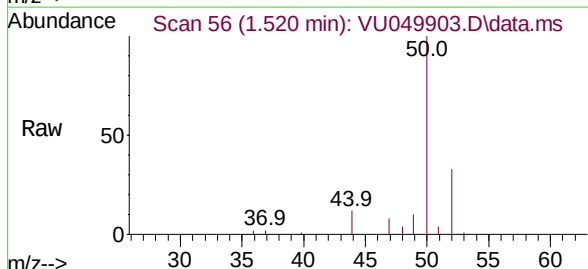
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ15MSD

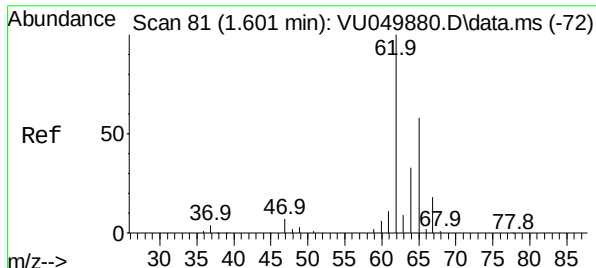
Tgt Ion: 85 Resp: 44264
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.4 38.2



Chloromethane
 Concen: 4.623 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VU049903.D
 Acq: 26 Jul 2022 06:45

Tgt Ion: 50 Resp: 43784
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.5 41.7





Vinyl chloride

Concen: 5.104 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.003 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

Instrument :

MSVOA_U

ClientSampleId :

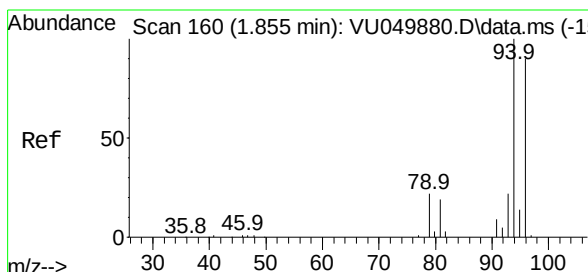
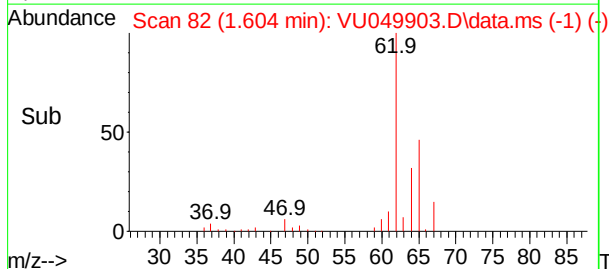
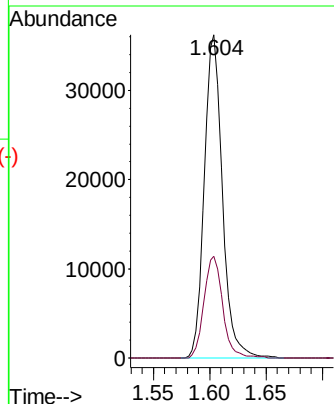
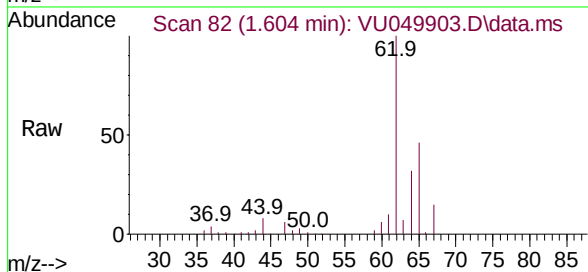
GBJ15MSD

Tgt Ion: 62 Resp: 40417

Ion Ratio Lower Upper

62 100

64 31.6 22.7 42.3



Bromomethane

Concen: 4.386 ug/L

RT: 1.858 min Scan# 161

Delta R.T. 0.003 min

Lab File: VU049903.D

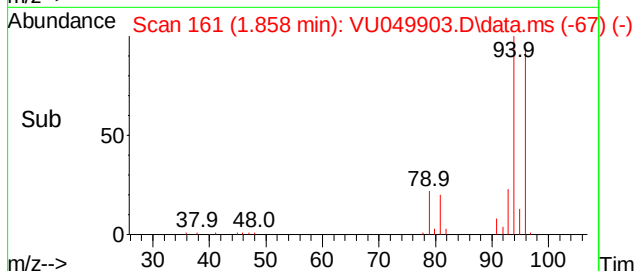
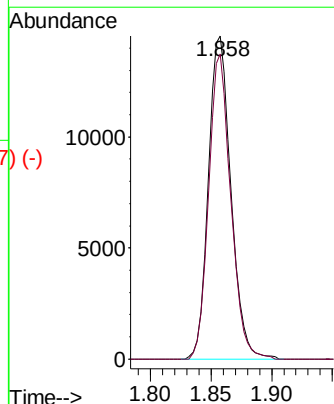
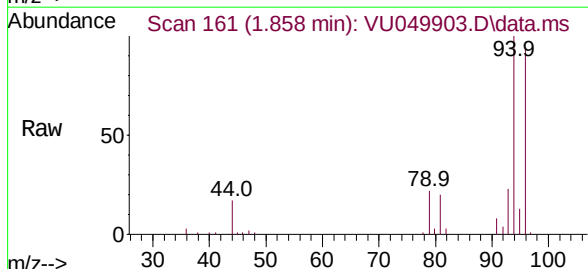
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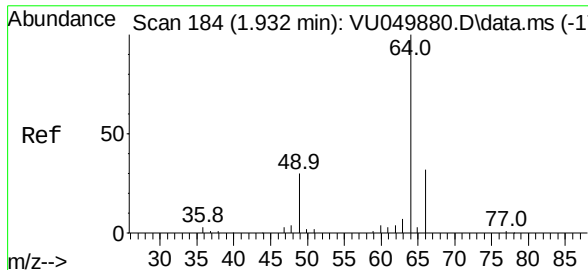
Tgt Ion: 94 Resp: 18780

Ion Ratio Lower Upper

94 100

96 94.5 62.6 116.3





Chloroethane

Concen: 4.831 ug/L

RT: 1.932 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

Instrument :

MSVOA_U

ClientSampleId :

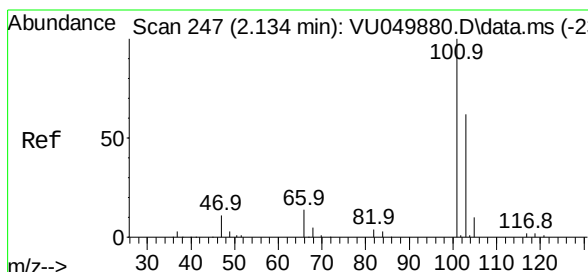
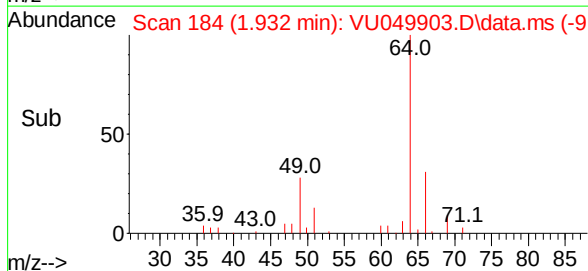
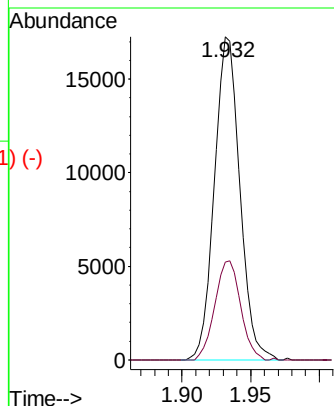
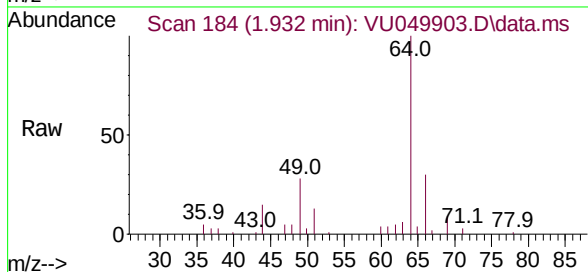
GBJ15MSD

Tgt Ion: 64 Resp: 22044

Ion Ratio Lower Upper

64 100

66 30.2 22.7 42.3



Trichlorofluoromethane

Concen: 5.344 ug/L

RT: 2.137 min Scan# 248

Delta R.T. 0.003 min

Lab File: VU049903.D

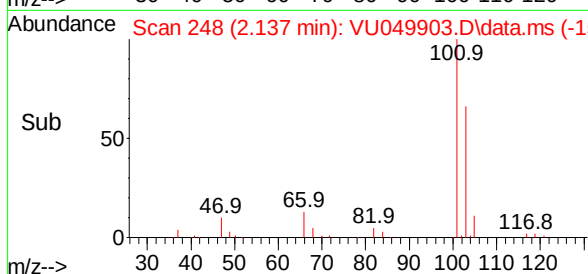
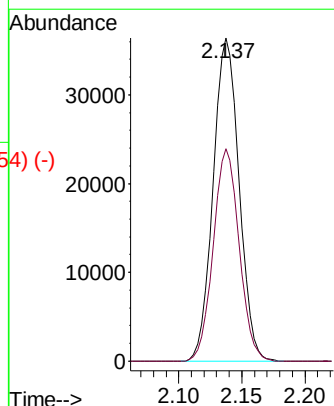
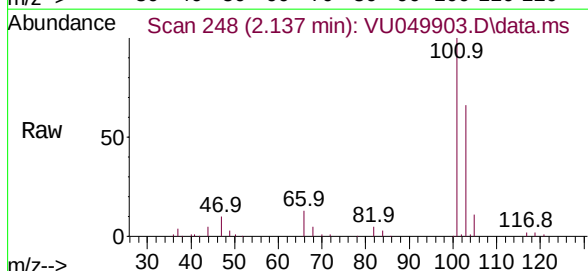
Acq: 26 Jul 2022 06:45

Tgt Ion:101 Resp: 52024

Ion Ratio Lower Upper

101 100

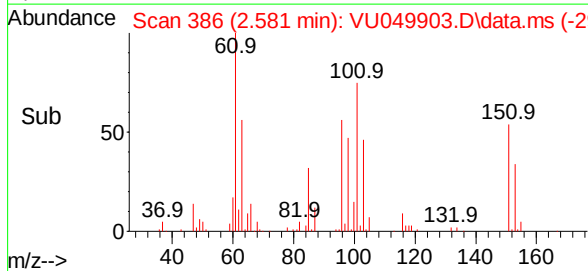
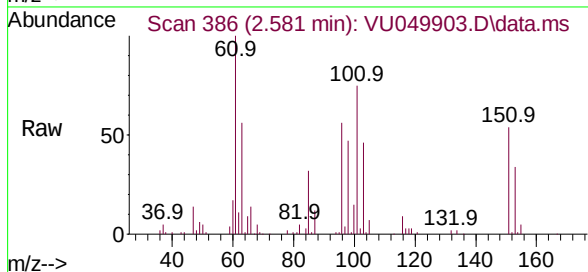
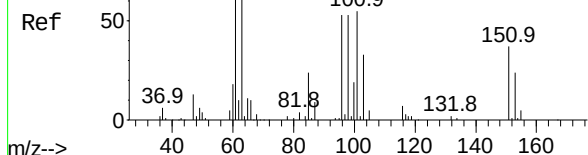
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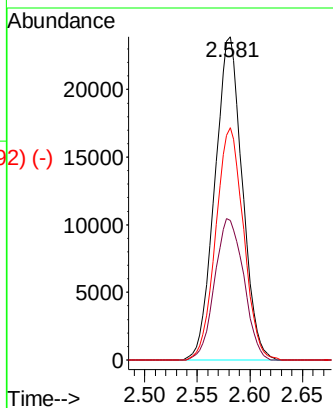
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.108 ug/L
RT: 2.581 min Scan# 10
Delta R.T. 0.003 min
Lab File: VU049903.D
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Instrument :
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GBJ15MSD

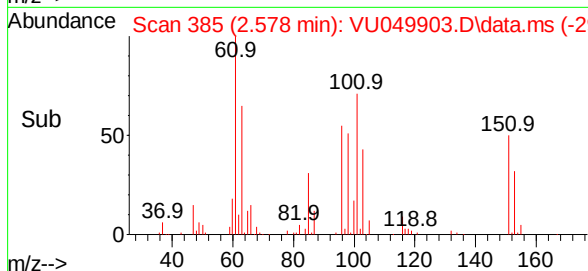
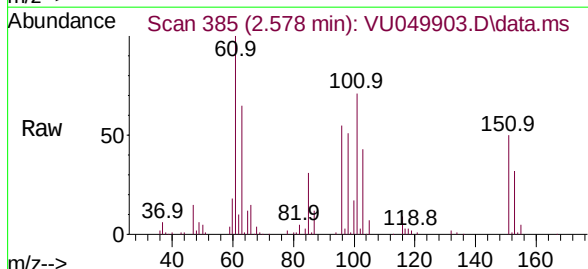
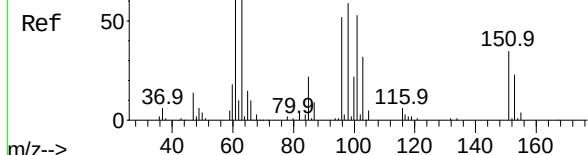


Tgt Ion:	101	Resp:	43368
Ion	Ratio	Lower	Upper
101	100		
85	46.0	37.2	55.8
151	72.6	56.0	84.0

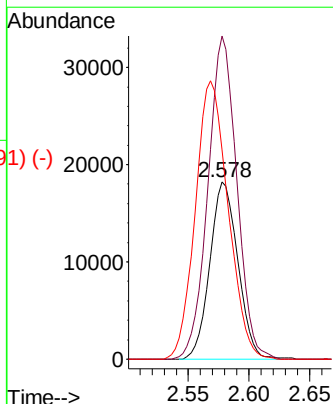


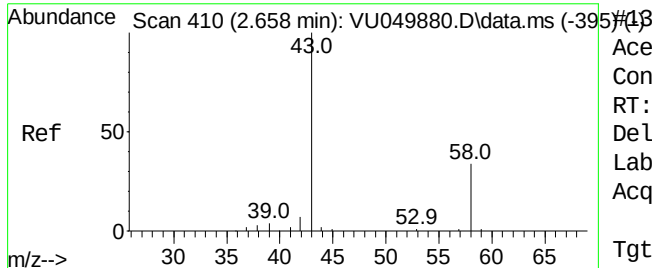
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1,1-Dichloroethene
Concen: 6.047 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU049903.D
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Tgt Ion:	96	Resp:	29134
Ion	Ratio	Lower	Upper
96	100		
61	182.6	131.6	244.4
63	118.3	100.0	185.6





Acetone

Concen: 52.323 ug/L

RT: 2.642 min Scan# 410

Delta R.T. -0.016 min

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ClientSampleId :

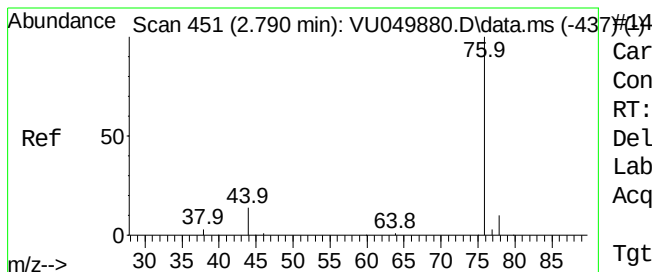
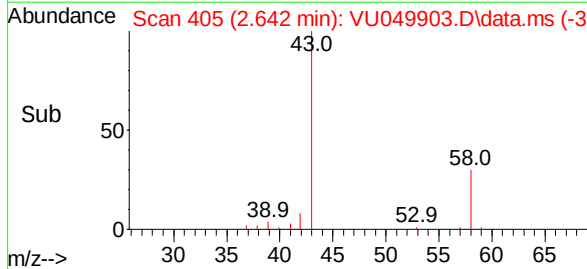
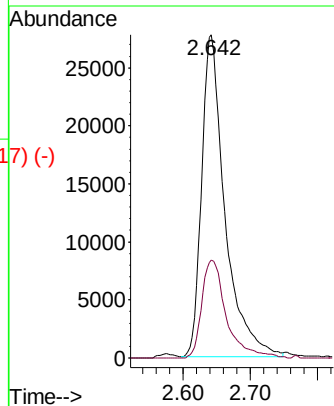
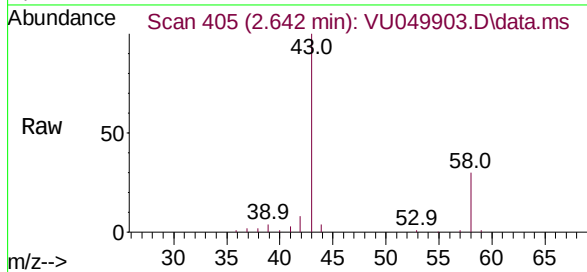
GBJ15MSD

Tgt Ion: 43 Resp: 66843

Ion Ratio Lower Upper

43 100

58 32.1 0.0 61.0



Carbon disulfide

Concen: 4.737 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU049903.D

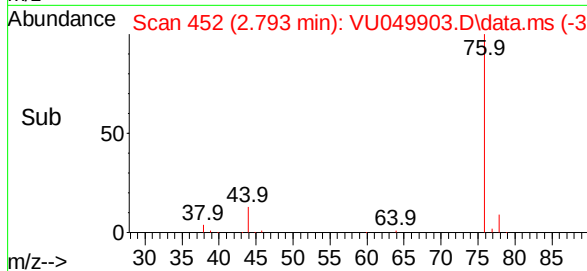
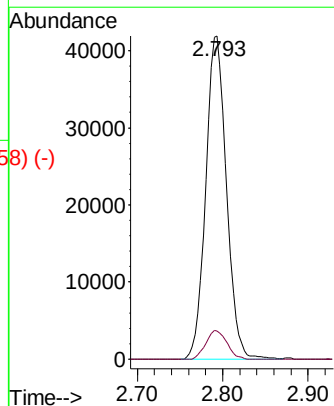
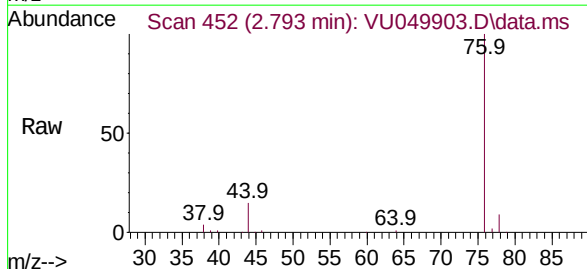
Acq: 26 Jul 2022 06:45

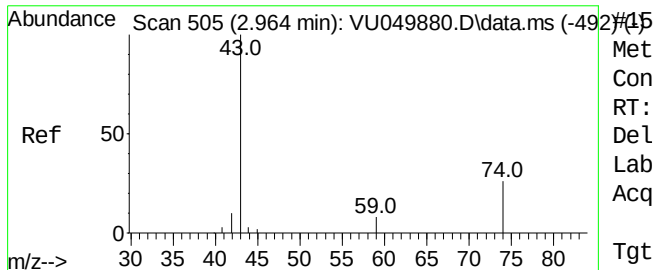
Tgt Ion: 76 Resp: 70614

Ion Ratio Lower Upper

76 100

78 8.7 7.8 11.6





Methyl Acetate

Concen: 3.061 ug/L

RT: 2.957 min Scan# 530

Delta R.T. -0.007 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

Instrument :

MSVOA_U

ClientSampleId :

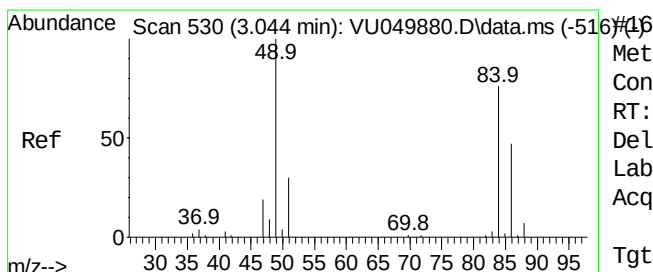
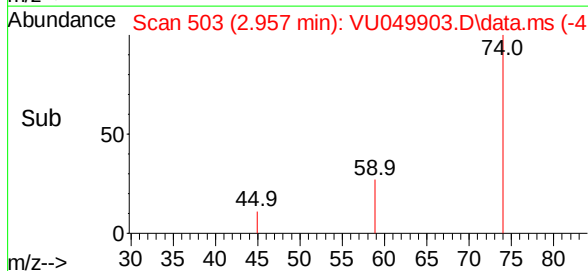
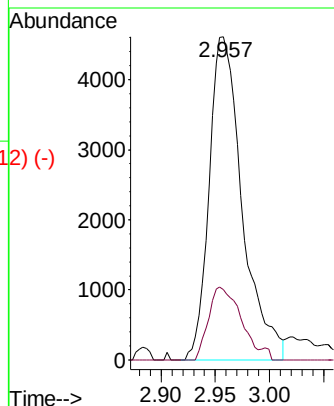
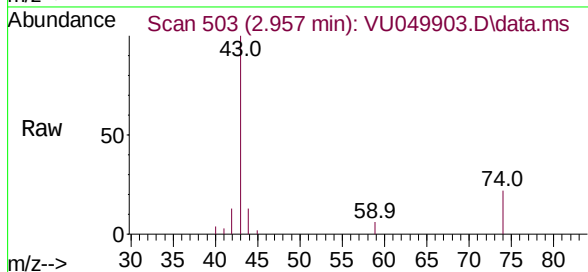
GBJ15MSD

Tgt Ion: 43 Resp: 9749

Ion Ratio Lower Upper

43 100

74 22.6 17.1 25.7



Methylene chloride

Concen: 2.927 ug/L

RT: 3.044 min Scan# 530

Delta R.T. -0.000 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

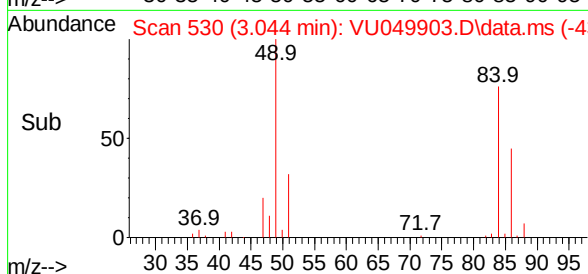
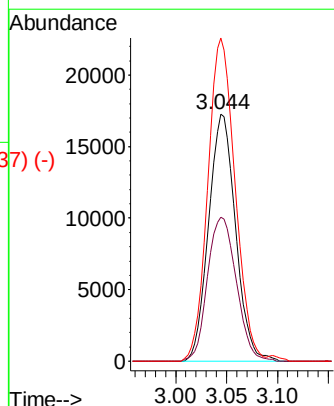
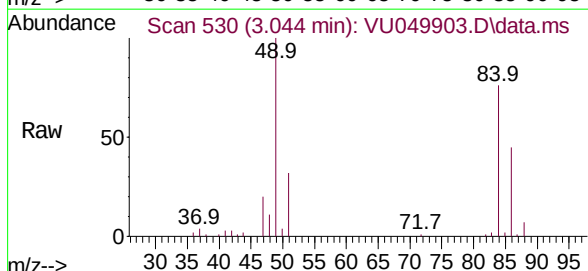
Tgt Ion: 84 Resp: 31804

Ion Ratio Lower Upper

84 100

86 58.4 45.5 84.5

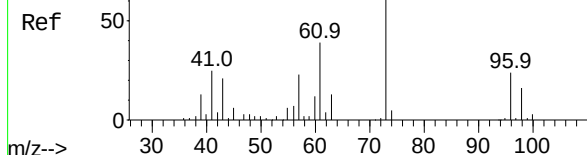
49 130.8 94.1 174.8



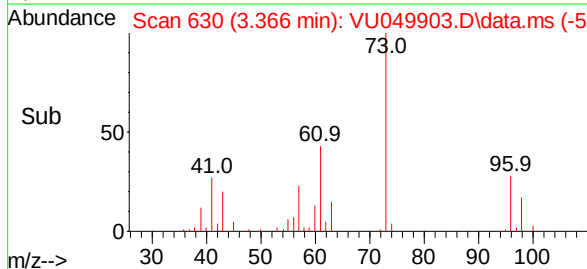
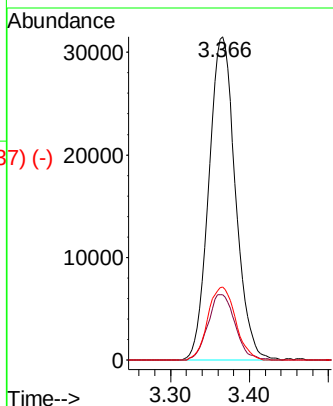
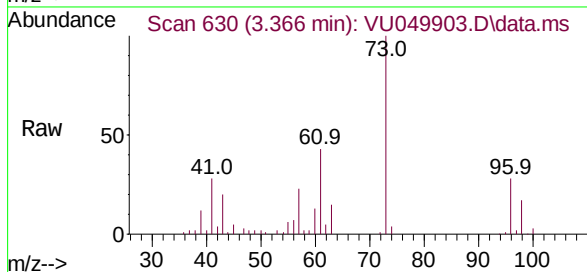
Abundance Scan 630 (3.366 min): VU049880.D\data.ms (-613) #17

Methyl tert-butyl Ether
Concen: 4.730 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Instrument :
MSVOA_U
ClientSampleId :
GBJ15MSD



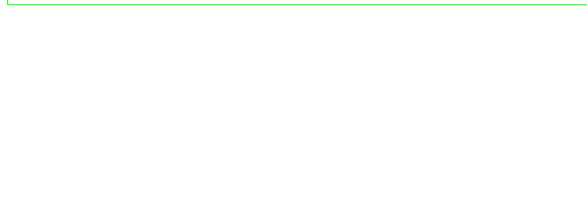
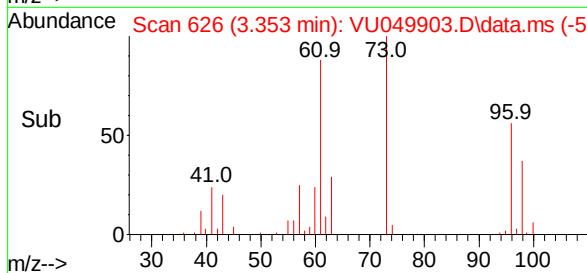
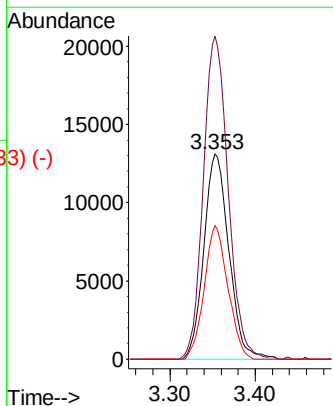
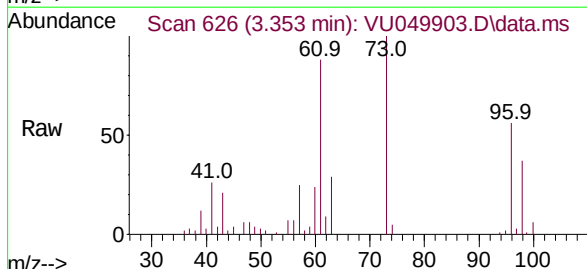
Tgt Ion:	73	Resp:	73830
Ion	Ratio	Lower	Upper
73	100		
43	20.7	17.4	26.2
57	23.5	18.7	28.1

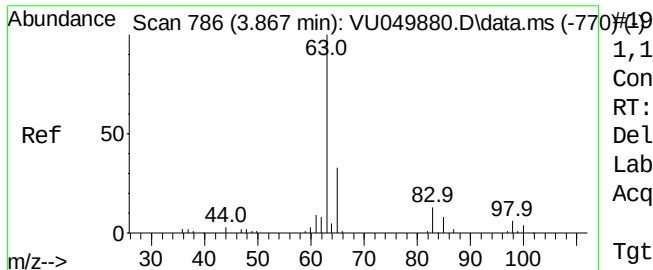


Abundance Scan 626 (3.353 min): VU049880.D\data.ms (-612) #18

trans-1,2-Dichloroethene
Concen: 4.788 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Tgt Ion:	96	Resp:	26661
Ion	Ratio	Lower	Upper
96	100		
61	157.3	101.5	188.5
98	65.2	42.5	78.9





1,1-Dichloroethane

Concen: 5.579 ug/L

RT: 3.870 min Scan#

Delta R.T. 0.003 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

Instrument :

MSVOA_U

ClientSampleId :

GBJ15MSD

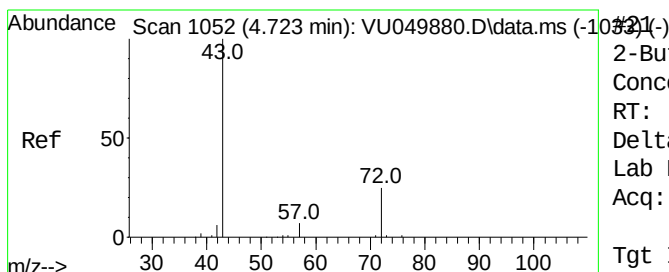
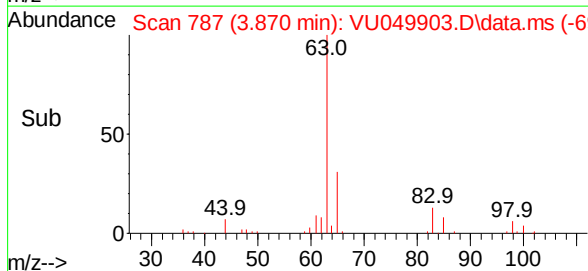
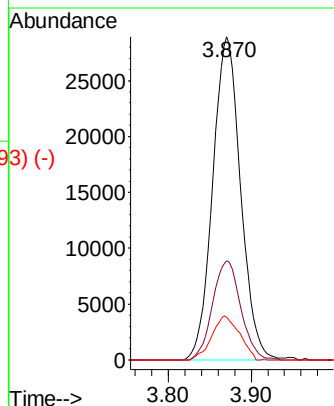
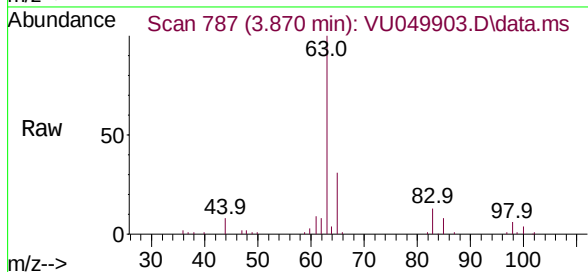
Tgt Ion: 63 Resp: 67146

Ion Ratio Lower Upper

63 100

65 30.6 22.5 41.9

83 13.3 8.3 15.5



2-Butanone

Concen: 50.944 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. -0.013 min

Lab File: VU049903.D

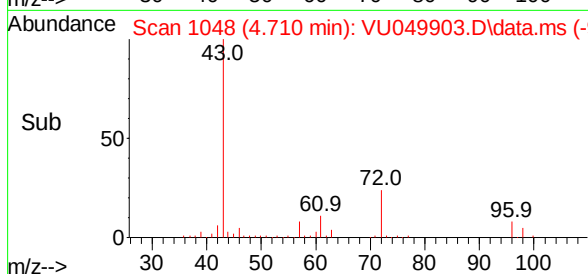
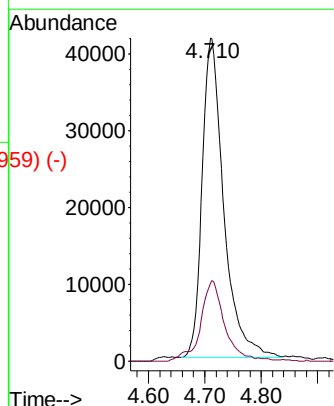
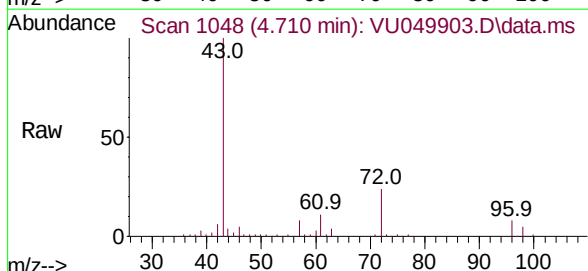
Acq: 26 Jul 2022 06:45

Tgt Ion: 43 Resp: 110378

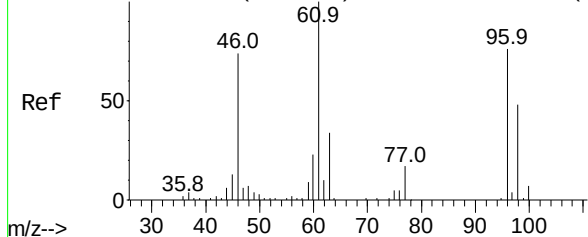
Ion Ratio Lower Upper

43 100

72 28.1 11.9 35.5



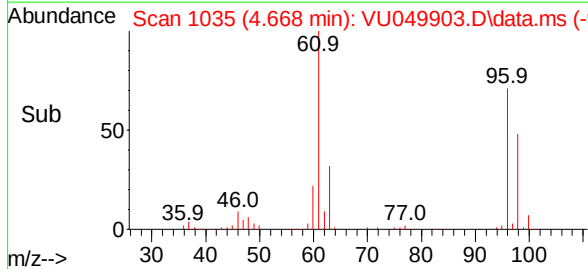
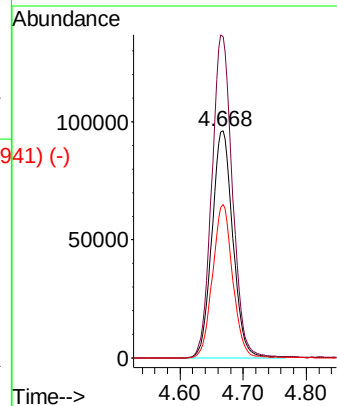
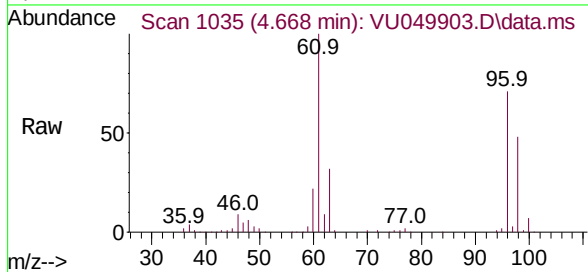
Abundance Scan 1034 (4.665 min): VU049880.D\data.ms (-1022-)



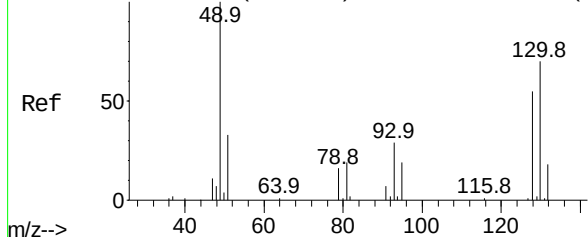
cis-1,2-Dichloroethene
Concen: 34.247 ug/L
RT: 4.668 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Instrument :
MSVOA_U
ClientSampleId :
GBJ15MSD

Tgt Ion:	96	Resp:	220900
Ion	Ratio	Lower	Upper
96	100		
61	141.4	93.9	174.3
98	67.6	43.9	81.5

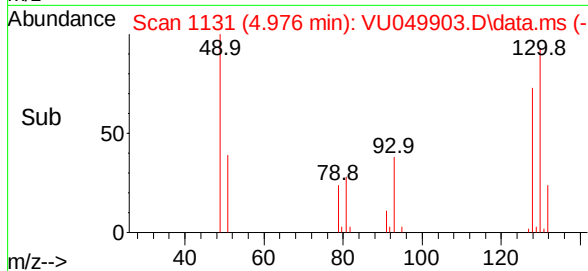
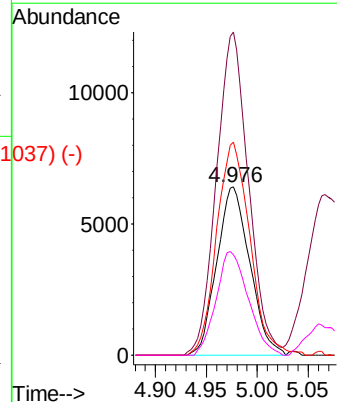
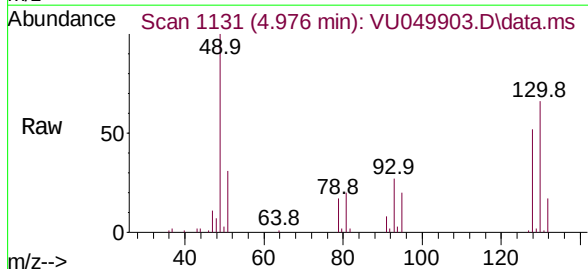


Abundance Scan 1130 (4.973 min): VU049880.D\data.ms (-1123-)

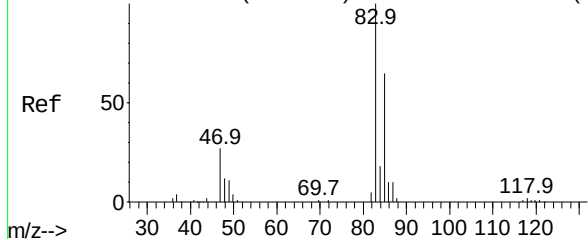


Bromochloromethane
Concen: 5.006 ug/L
RT: 4.976 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Tgt Ion:	128	Resp:	14425
Ion	Ratio	Lower	Upper
128	100		
49	192.1	124.9	232.1
130	126.7	88.5	164.3
51	59.6	46.6	69.8



Abundance Scan 1166 (5.089 min): VU049880.D\data.ms (-11425-)



Chloroform

Concen: 4.746 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

Instrument :

MSVOA_U

ClientSampleId :

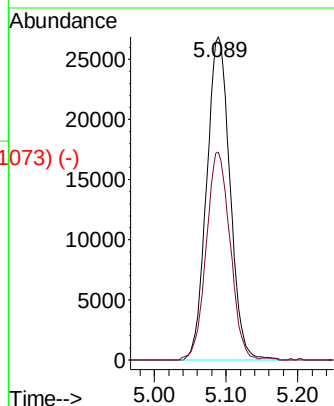
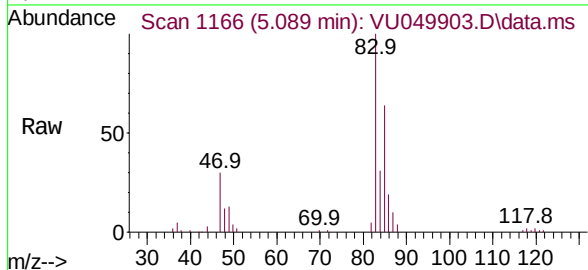
GBJ15MSD

Tgt Ion: 83 Resp: 60598

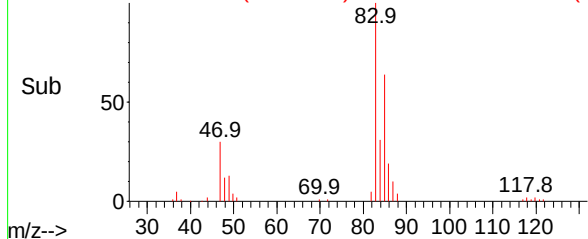
Ion Ratio Lower Upper

83 100

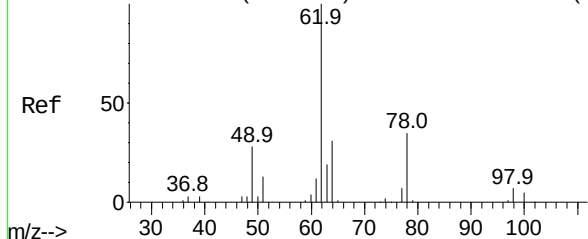
85 64.3 45.5 84.5



Abundance Scan 1166 (5.089 min): VU049903.D\data.ms (-1073-)



Abundance Scan 1386 (5.797 min): VU049880.D\data.ms (-13727-)



1,2-Dichloroethane

Concen: 4.629 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU049903.D

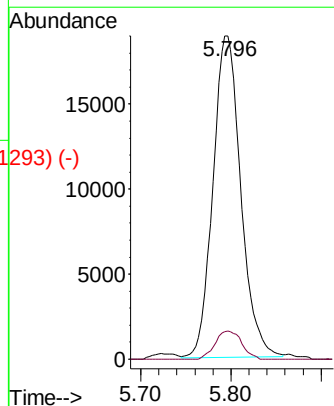
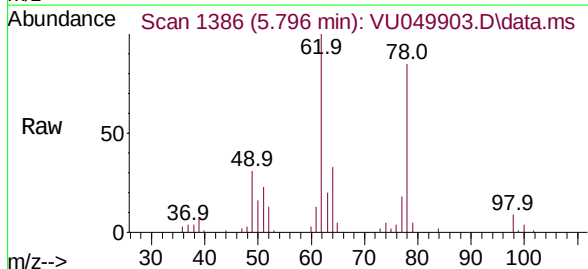
Acq: 26 Jul 2022 06:45

Tgt Ion: 62 Resp: 40596

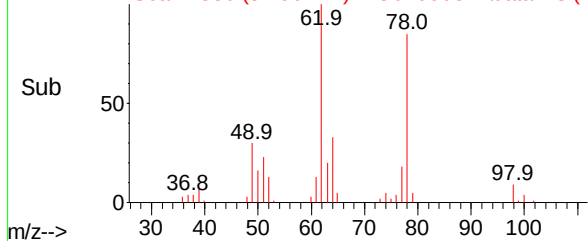
Ion Ratio Lower Upper

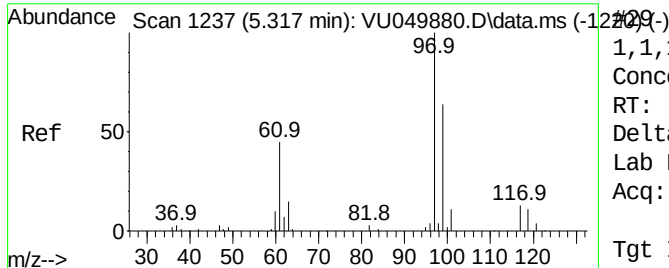
62 100

98 8.8 5.9 8.9



Abundance Scan 1386 (5.796 min): VU049903.D\data.ms (-1293-)

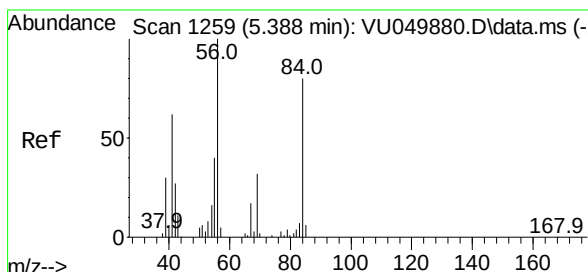
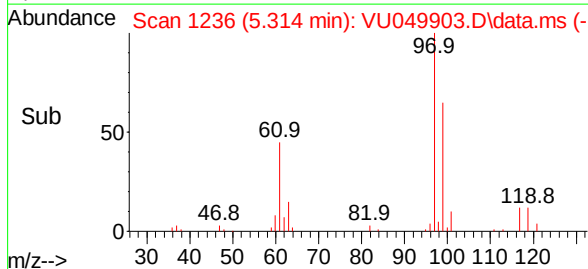
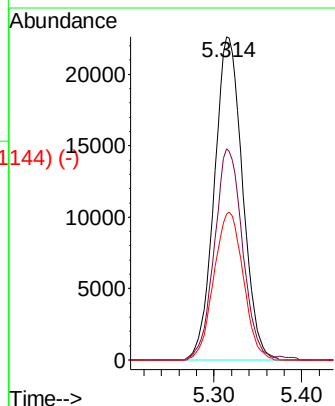
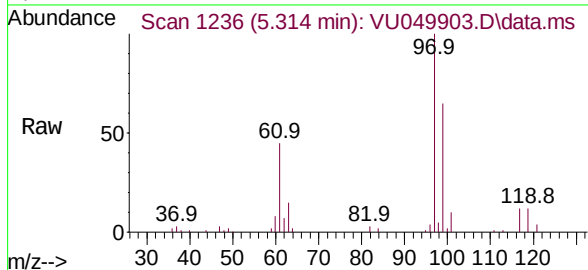




1,1,1-Trichloroethane
 Concen: 5.149 ug/L
 RT: 5.314 min Scan# 1237
 Delta R.T. -0.003 min
 Lab File: VU049903.D
 Acq: 26 Jul 2022 06:45

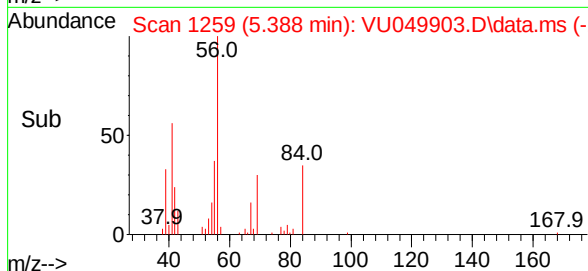
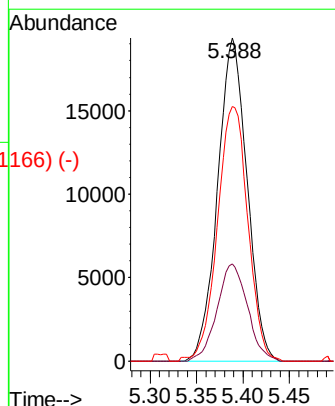
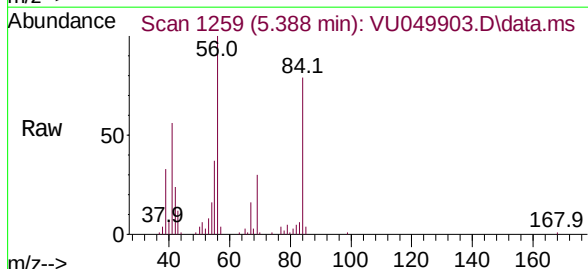
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ15MSD

Tgt Ion:	97	Resp:	50449
Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.8	77.8
61	47.7	38.3	57.5

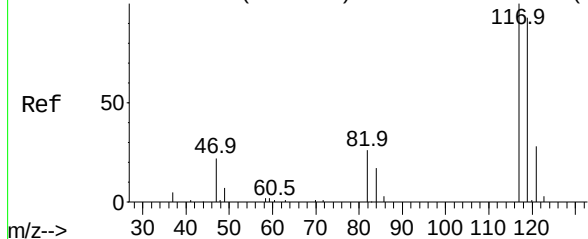


Cyclohexane
 Concen: 5.374 ug/L
 RT: 5.388 min Scan# 1259
 Delta R.T. -0.000 min
 Lab File: VU049903.D
 Acq: 26 Jul 2022 06:45

Tgt Ion:	56	Resp:	42636
Ion	Ratio	Lower	Upper
56	100		
69	31.2	22.8	34.2
84	81.4	63.0	94.6



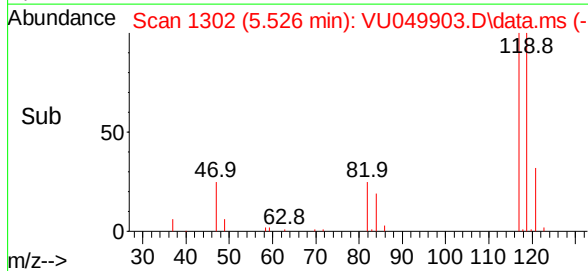
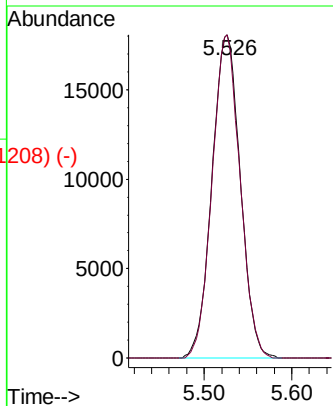
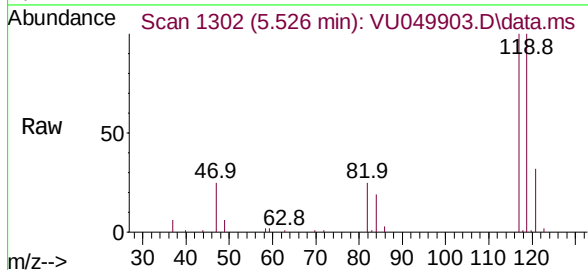
Abundance Scan 1301 (5.523 min): VU049880.D\data.ms (-12531-)



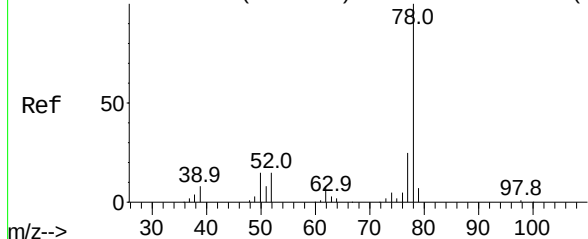
Carbon tetrachloride
Concen: 5.089 ug/L
RT: 5.526 min Scan# 1301
Delta R.T. 0.003 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Instrument :
MSVOA_U
ClientSampleId :
GBJ15MSD

Tgt Ion:117 Resp: 40494
Ion Ratio Lower Upper
117 100
119 98.3 75.2 112.8

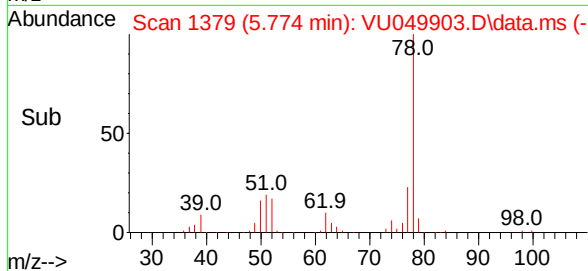
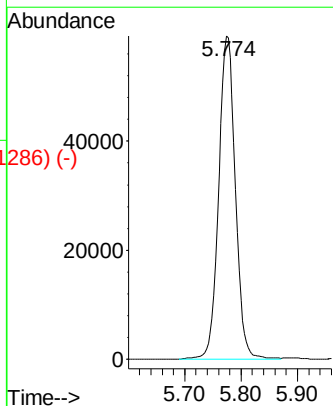
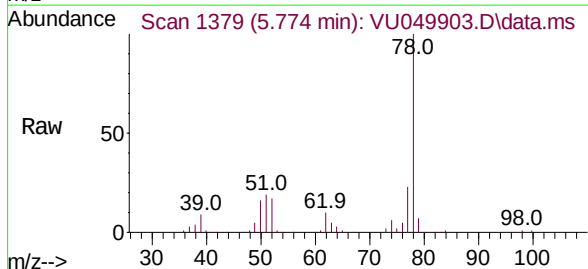


Abundance Scan 1379 (5.774 min): VU049880.D\data.ms (-13533-)

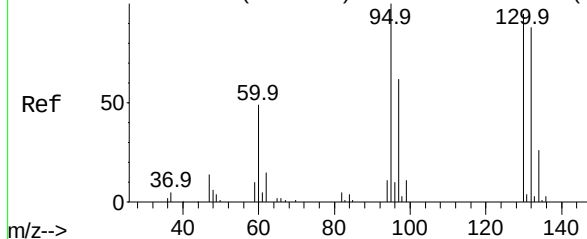


Benzene
Concen: 4.805 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Tgt Ion: 78 Resp: 121711



Abundance Scan 1618 (6.542 min): VU049880.D\data.ms (-16034)



Trichloroethene

Concen: 52.377 ug/L

RT: 6.542 min Scan#

Delta R.T. -0.000 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

Instrument :

MSVOA_U

ClientSampleId :

GBJ15MSD

Tgt Ion: 95 Resp: 321654

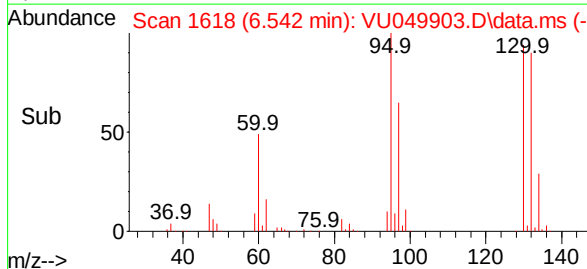
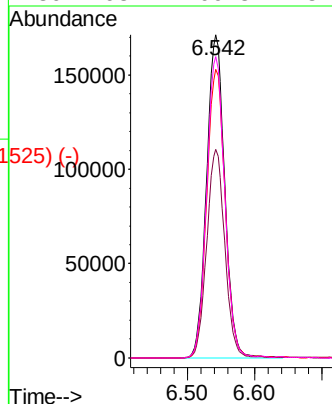
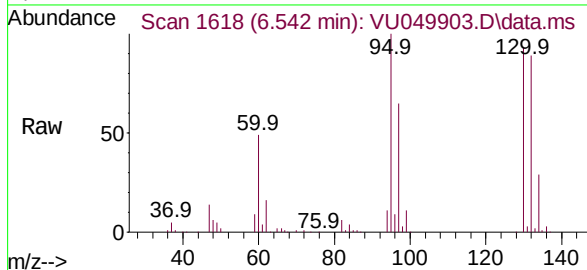
Ion Ratio Lower Upper

95 100

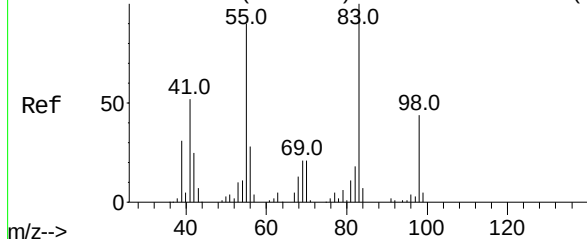
97 64.5 46.8 86.8

132 89.4 61.8 114.8

130 93.2 66.3 123.1



Abundance Scan 1686 (6.761 min): VU049880.D\data.ms (-16745)



Methylcyclohexane

Concen: 5.438 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. 0.003 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

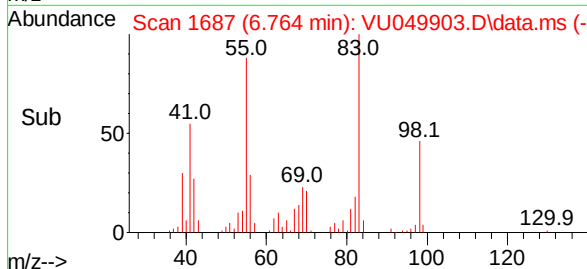
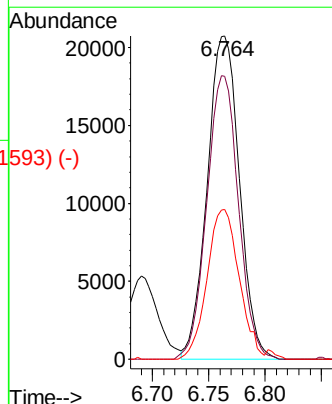
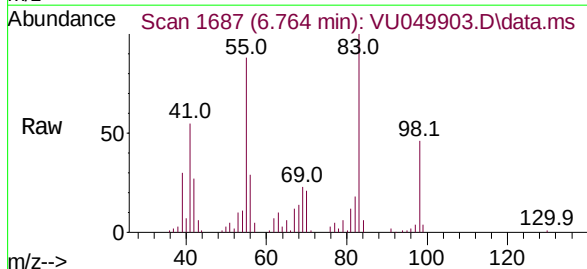
Tgt Ion: 83 Resp: 41191

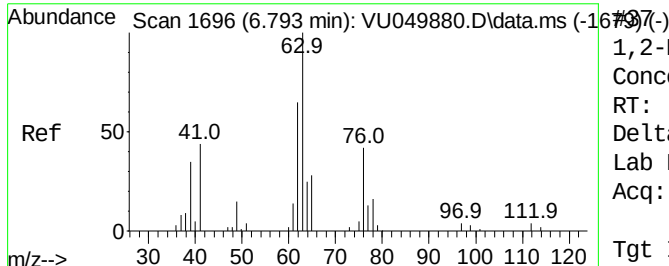
Ion Ratio Lower Upper

83 100

55 86.4 69.0 103.4

98 46.0 36.4 54.6

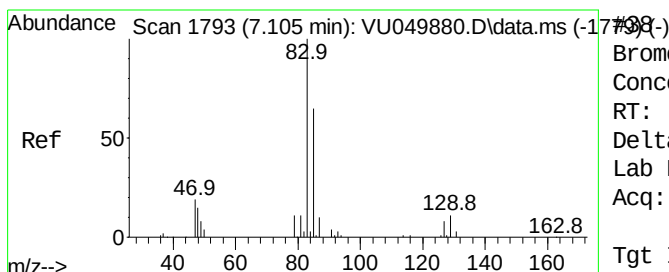
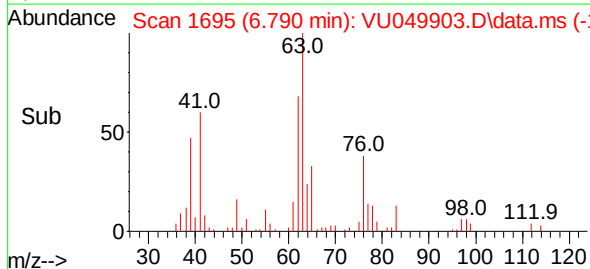
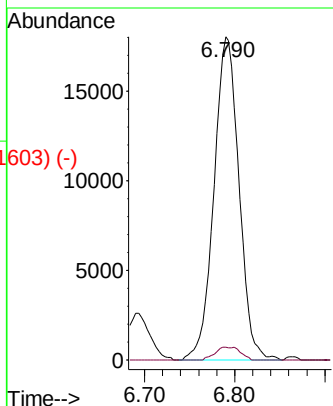
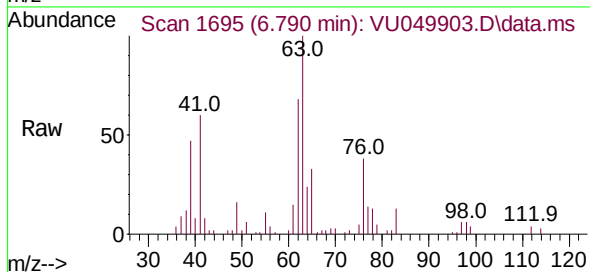




1,2-Dichloropropane
Concen: 4.835 ug/L
RT: 6.790 min Scan# 1696
Delta R.T. -0.003 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

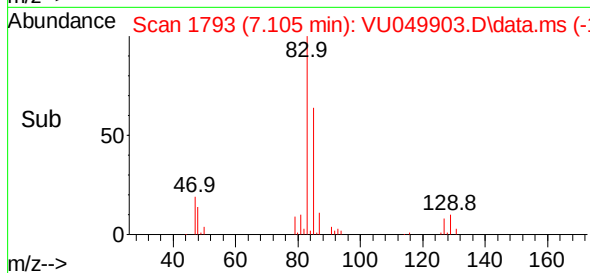
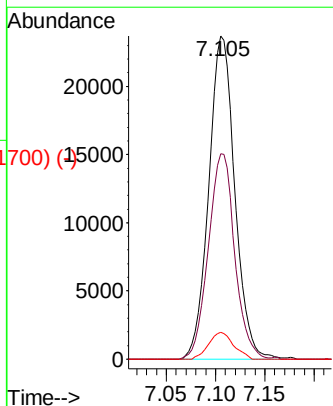
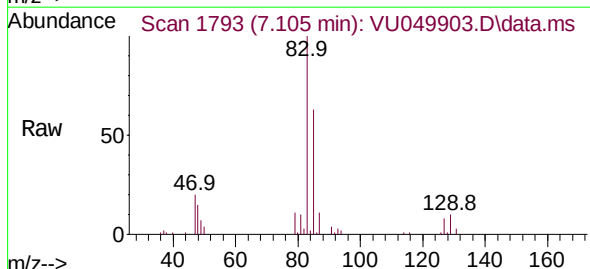
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MSD

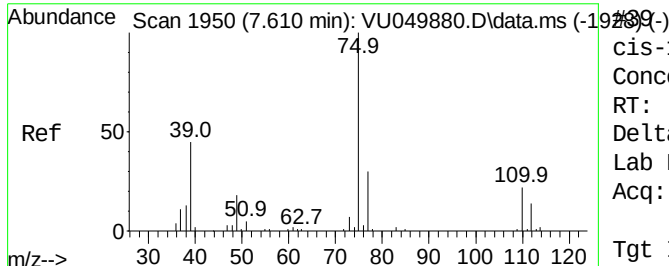
Tgt Ion: 63 Resp: 34905
Ion Ratio Lower Upper
63 100
112 3.9 2.8 4.2



Bromodichloromethane
Concen: 4.845 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Tgt Ion: 83 Resp: 43697
Ion Ratio Lower Upper
83 100
85 63.5 45.9 85.3
127 8.2 7.0 10.6

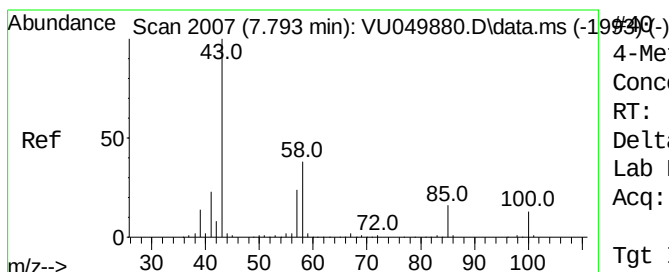
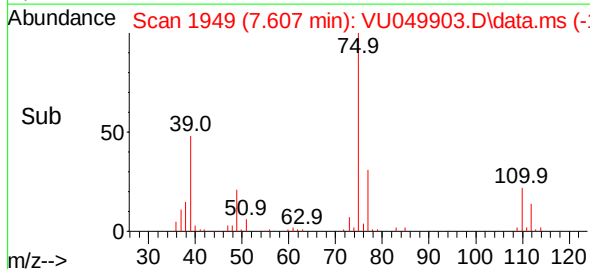
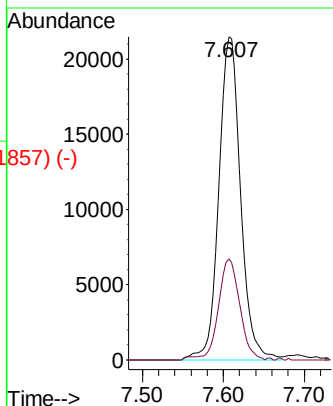
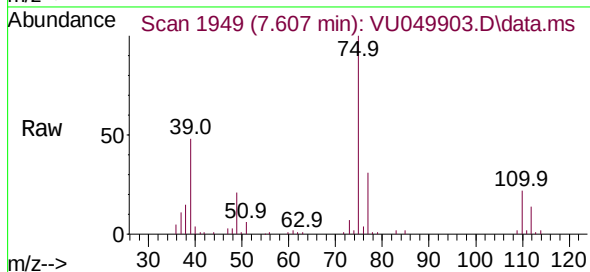




cis-1,3-Dichloropropene
Concen: 4.167 ug/L
RT: 7.607 min Scan# 1950
Delta R.T. -0.003 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

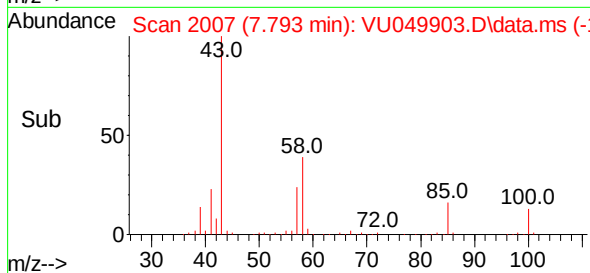
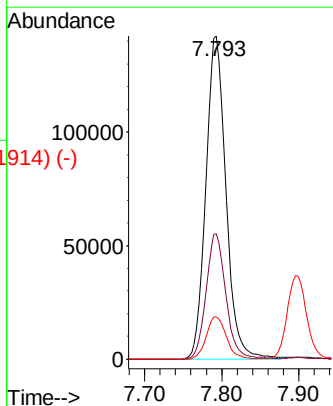
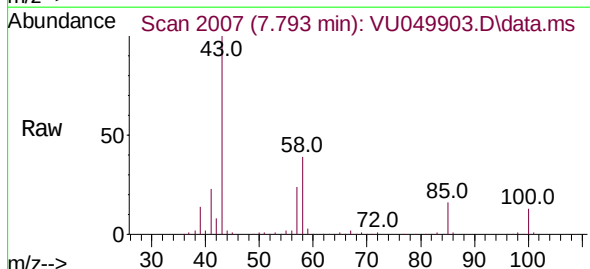
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MSD

Tgt Ion: 75 Resp: 39640
Ion Ratio Lower Upper
75 100
77 31.3 21.6 40.0

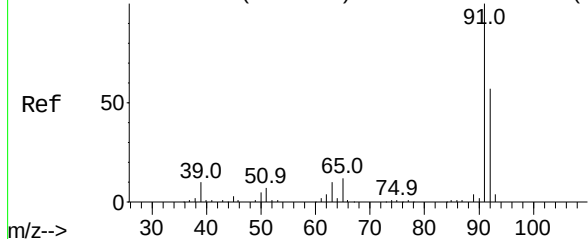


4-Methyl-2-pentanone
Concen: 51.334 ug/L
RT: 7.793 min Scan# 2007
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Tgt Ion: 43 Resp: 258474
Ion Ratio Lower Upper
43 100
58 38.3 31.0 46.4
100 13.1 10.4 15.6



Abundance Scan 2062 (7.970 min): VU049880.D\data.ms (-2042-)



Toluene

Concen: 4.915 ug/L

RT: 7.970 min Scan# 2120

Delta R.T. -0.000 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

Instrument :

MSVOA_U

ClientSampleId :

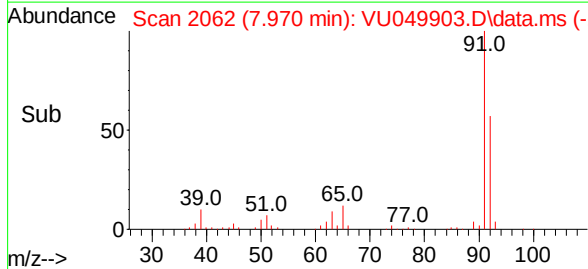
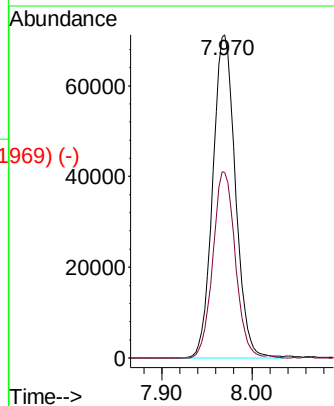
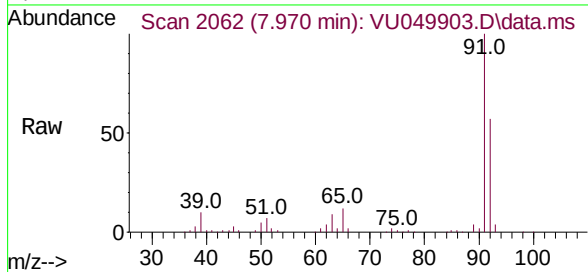
GBJ15MSD

Tgt Ion: 91 Resp: 124501

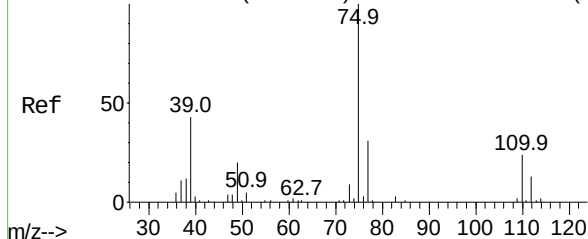
Ion Ratio Lower Upper

91 100

92 57.5 39.5 73.4



Abundance Scan 2137 (8.211 min): VU049880.D\data.ms (-2044-)



trans-1,3-Dichloropropene

Concen: 4.227 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU049903.D

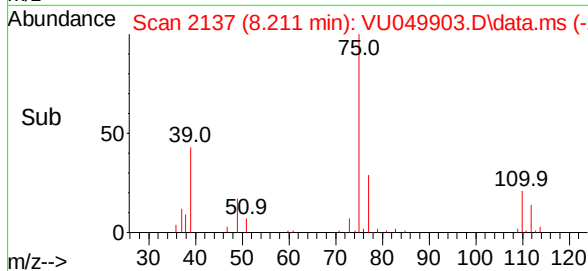
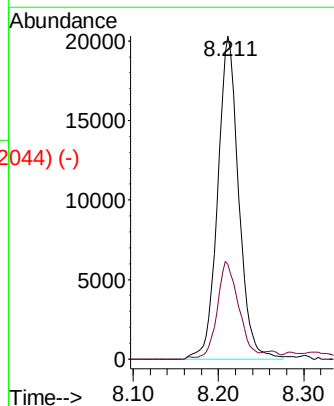
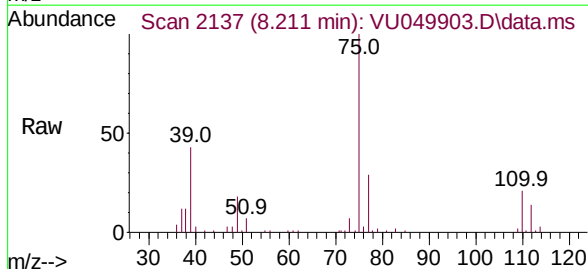
Acq: 26 Jul 2022 06:45

Tgt Ion: 75 Resp: 34712

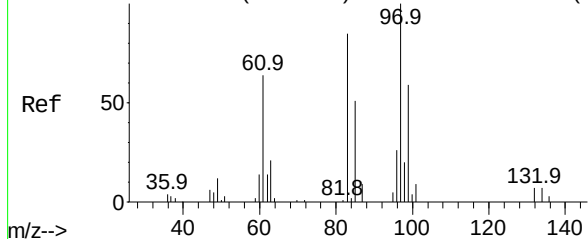
Ion Ratio Lower Upper

75 100

77 29.3 21.2 39.4



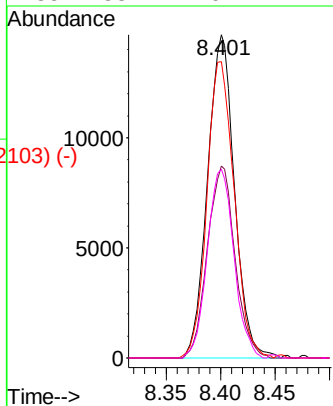
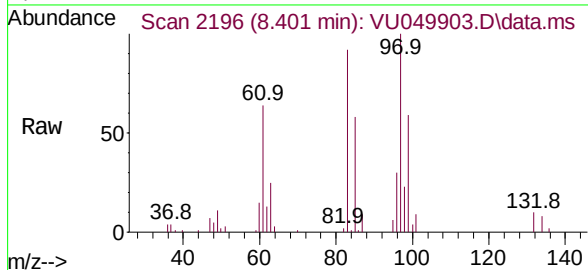
Abundance Scan 2196 (8.401 min): VU049880.D\data.ms (-2145)



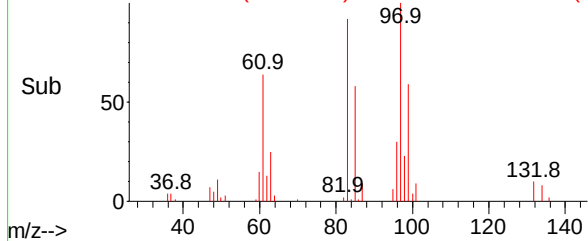
1,1,2-Trichloroethane
Concen: 4.891 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Instrument :
MSVOA_U
ClientSampleId :
GBJ15MSD

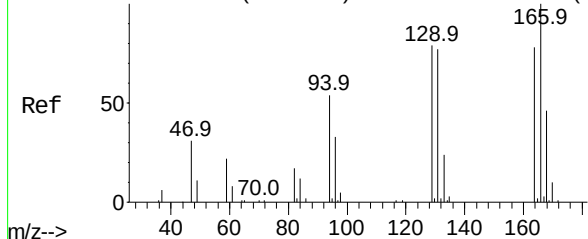
Tgt Ion:	97	Resp:	25197
Ion	Ratio	Lower	Upper
97	100		
99	59.4	43.8	81.3
83	91.8	62.4	115.8
85	58.4	40.2	74.6



Abundance Scan 2196 (8.401 min): VU049903.D\data.ms (-2103) (-)

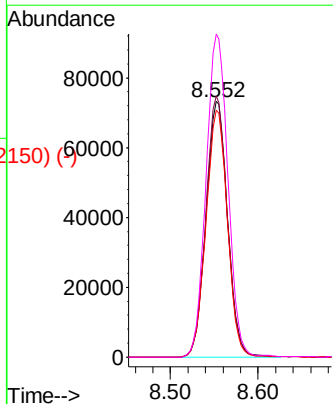
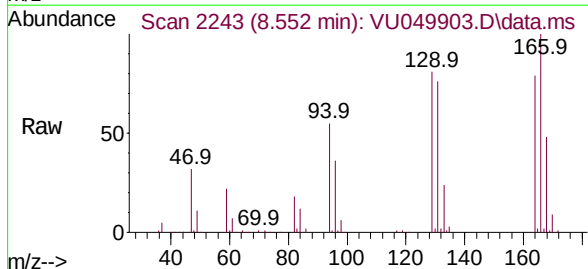


Abundance Scan 2243 (8.552 min): VU049880.D\data.ms (-2234)

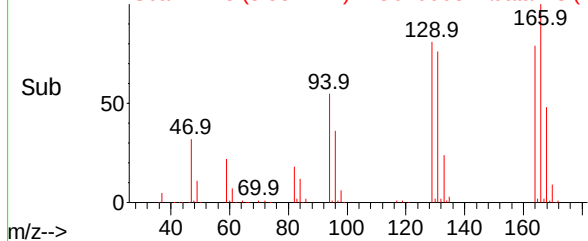


Tetrachloroethene
Concen: 29.492 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

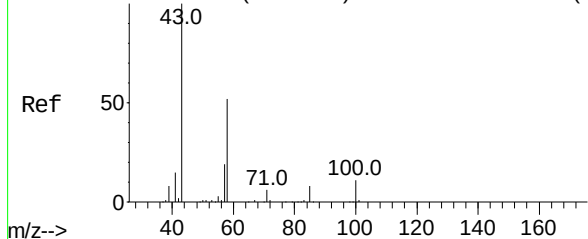
Tgt Ion:	164	Resp:	124673
Ion	Ratio	Lower	Upper
164	100		
129	102.2	68.9	127.9
131	96.6	67.5	125.4
166	126.4	89.2	165.8



Abundance Scan 2243 (8.552 min): VU049903.D\data.ms (-2150) (-)



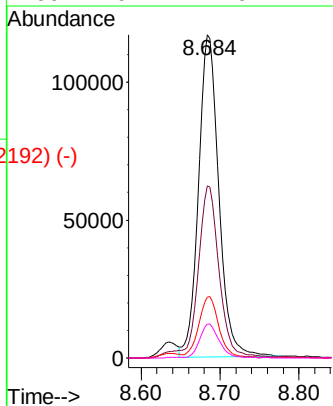
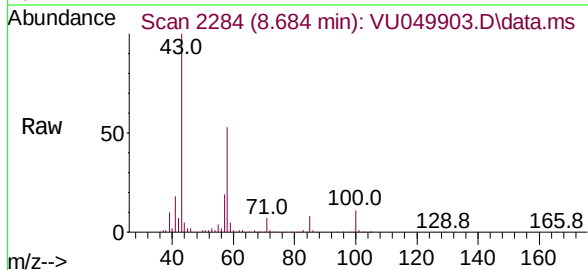
Abundance Scan 2285 (8.687 min): VU049880.D\data.ms (-22749-)



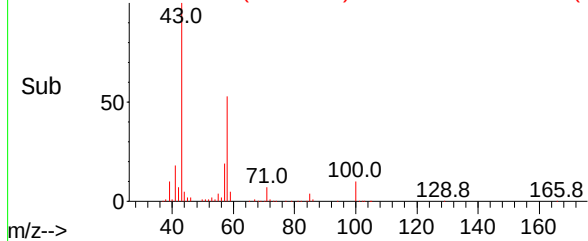
2-Hexanone
Concen: 55.165 ug/L
RT: 8.684 min Scan# 2285
Delta R.T. -0.003 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Instrument :
MSVOA_U
ClientSampleId :
GBJ15MSD

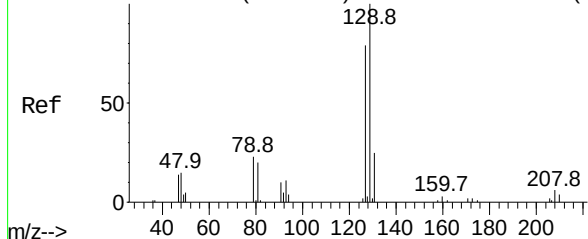
Tgt Ion:	43	Resp:	207311
Ion	Ratio	Lower	Upper
43	100		
58	55.9	42.1	63.1
57	18.8	14.3	21.5
100	10.1	7.9	11.9



Abundance Scan 2284 (8.684 min): VU049903.D\data.ms (-2192-)

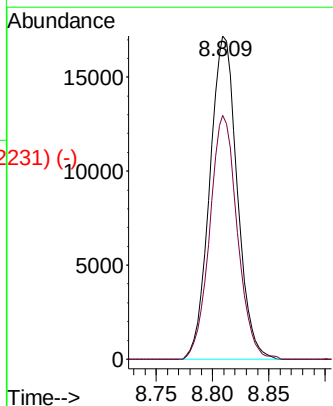
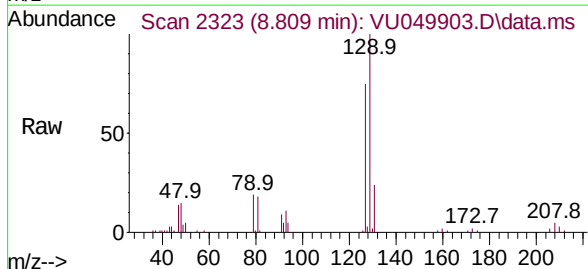


Abundance Scan 2324 (8.812 min): VU049880.D\data.ms (-23109-)

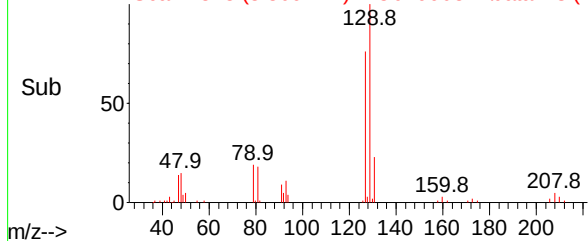


Dibromochloromethane
Concen: 5.040 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

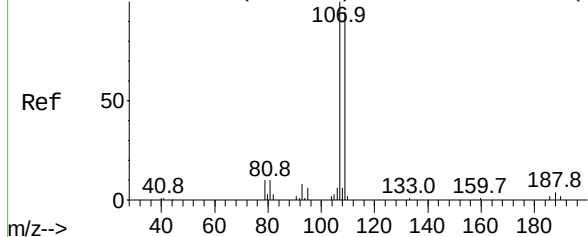
Tgt Ion:	129	Resp:	29024
Ion	Ratio	Lower	Upper
129	100		
127	75.5	50.5	93.7



Abundance Scan 2323 (8.809 min): VU049903.D\data.ms (-2231-)



Abundance Scan 2359 (8.925 min): VU049880.D\data.ms (-23450)



1,2-Dibromoethane

Concen: 4.997 ug/L

RT: 8.925 min Scan# 2359

Delta R.T. -0.000 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

Instrument :

MSVOA_U

ClientSampleId :

GBJ15MSD

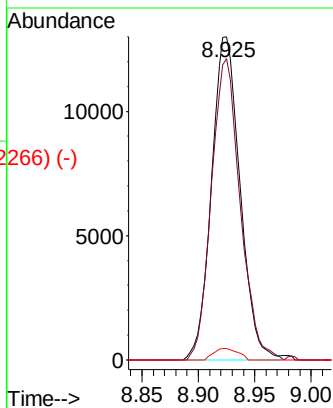
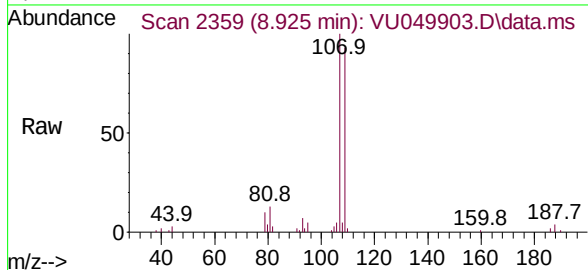
Tgt Ion:107 Resp: 22864

Ion Ratio Lower Upper

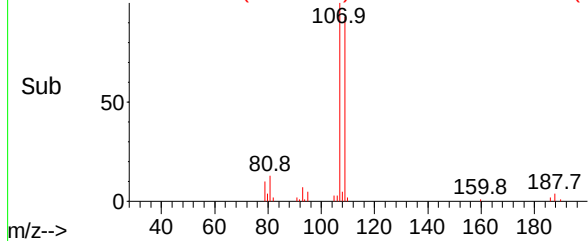
107 100

109 93.2 65.6 121.8

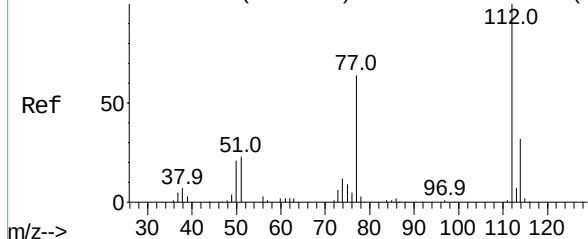
188 3.5 2.8 4.2



Abundance Scan 2359 (8.925 min): VU049903.D\data.ms (-2266) (-)



Abundance Scan 2521 (9.446 min): VU049880.D\data.ms (-25051)



Chlorobenzene

Concen: 4.735 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

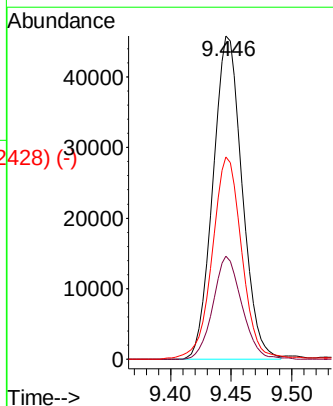
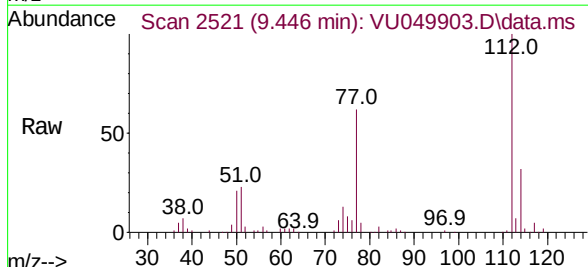
Tgt Ion:112 Resp: 76156

Ion Ratio Lower Upper

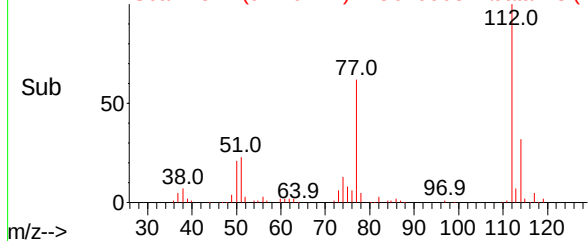
112 100

114 31.8 22.4 41.6

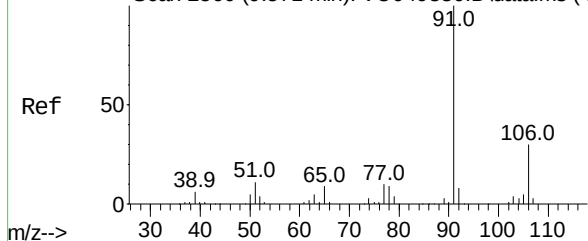
77 62.5 51.2 76.8



Abundance Scan 2521 (9.446 min): VU049903.D\data.ms (-2428) (-)



Abundance Scan 2560 (9.571 min): VU049880.D\data.ms (-25452-)



Ethylbenzene

Concen: 4.638 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

Instrument :

MSVOA_U

ClientSampleId :

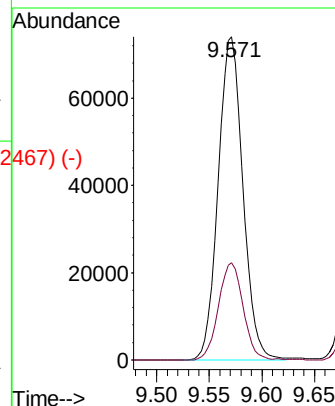
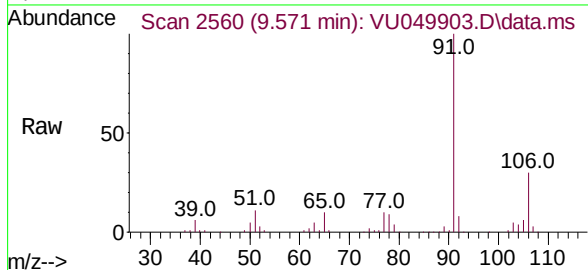
GBJ15MSD

Tgt Ion: 91 Resp: 120816

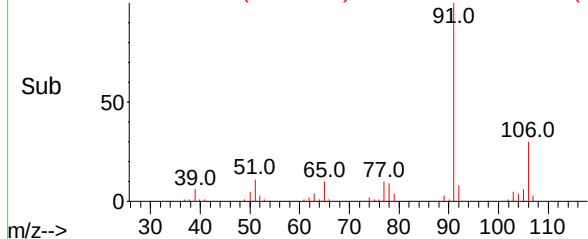
Ion Ratio Lower Upper

91 100

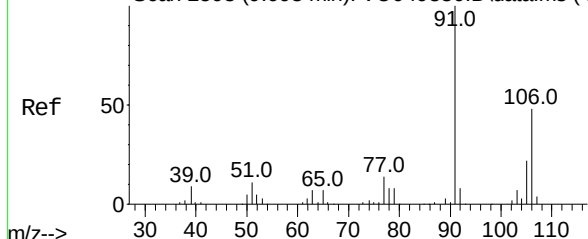
106 30.0 20.6 38.4



Abundance Scan 2560 (9.571 min): VU049903.D\data.ms (-2467-)



Abundance Scan 2598 (9.693 min): VU049880.D\data.ms (-25453-)



m,p-Xylene

Concen: 4.584 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU049903.D

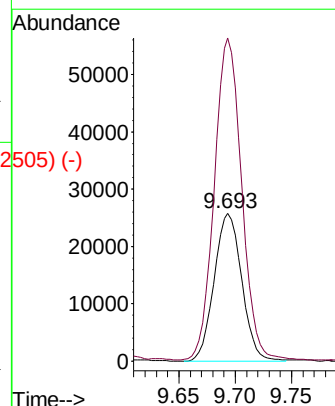
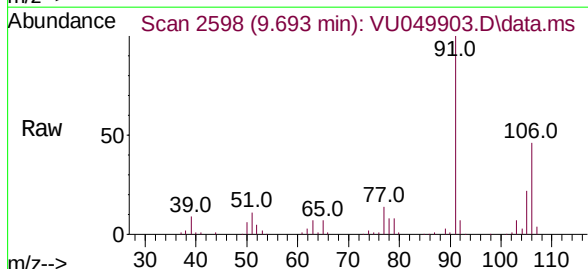
Acq: 26 Jul 2022 06:45

Tgt Ion:106 Resp: 43925

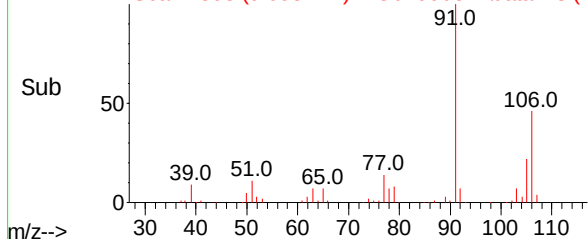
Ion Ratio Lower Upper

106 100

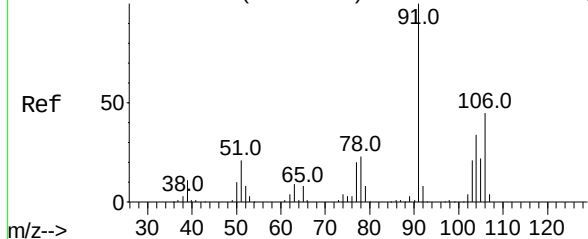
91 218.5 149.7 277.9



Abundance Scan 2598 (9.693 min): VU049903.D\data.ms (-2505-)



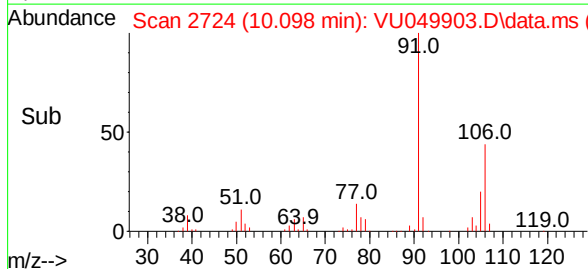
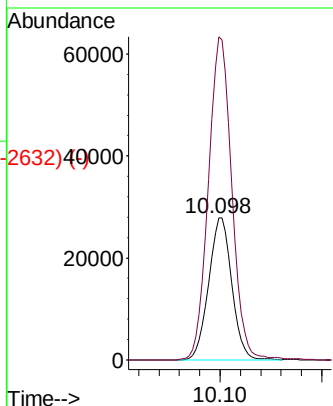
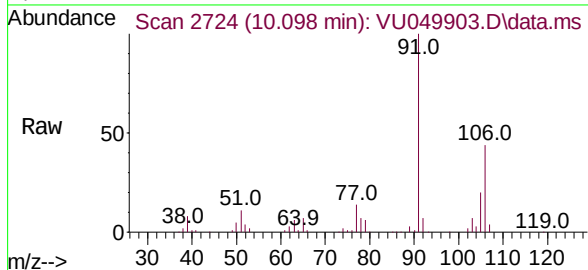
Abundance Scan 2725 (10.102 min): VU049880.D\data.ms (-2754) (-)



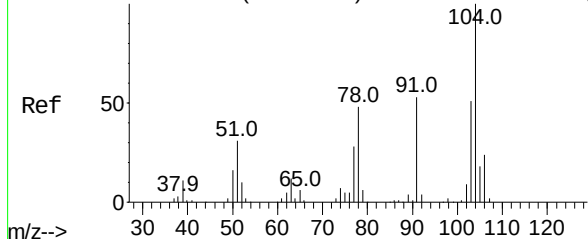
o-Xylene
Concen: 4.640 ug/L
RT: 10.098 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Instrument :
MSVOA_U
ClientSampleId :
GBJ15MSD

Tgt Ion:106 Resp: 43934
Ion Ratio Lower Upper
106 100
91 227.7 159.4 296.0

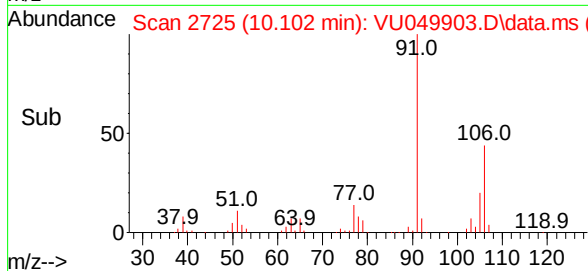
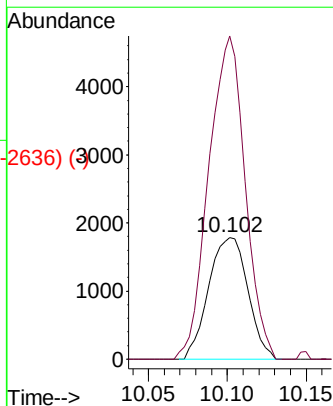
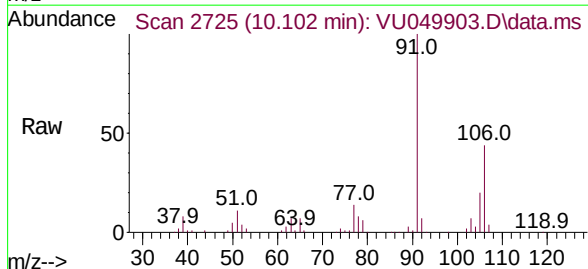


Abundance Scan 2729 (10.115 min): VU049880.D\data.ms (-2755) (-)



Styrene
Concen: 0.193 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.013 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

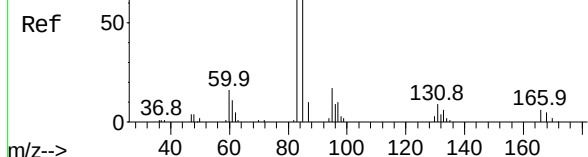
Tgt Ion:104 Resp: 3097
Ion Ratio Lower Upper
104 100
78 265.7 35.1 65.3#



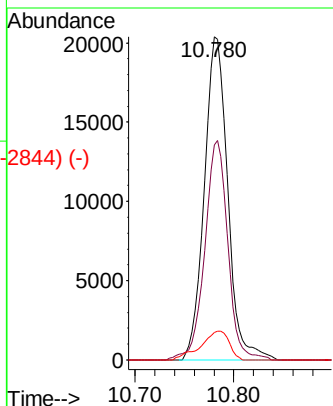
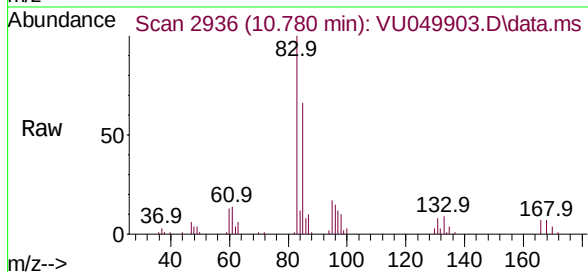
Abundance Scan 2937 (10.783 min): VU049880.D\data.ms (-2937) (-)

1,1,2,2-Tetrachloroethane
Concen: 5.046 ug/L
RT: 10.780 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

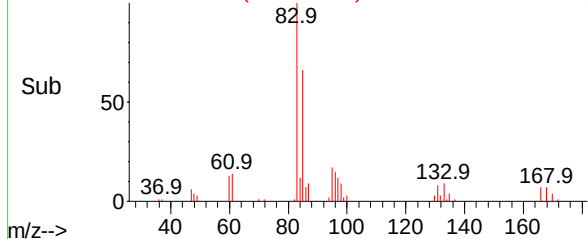
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MSD



Tgt Ion:	83	Resp:	33577
Ion	Ratio	Lower	Upper
83	100		
85	66.5	47.9	89.1
131	8.4	7.3	10.9



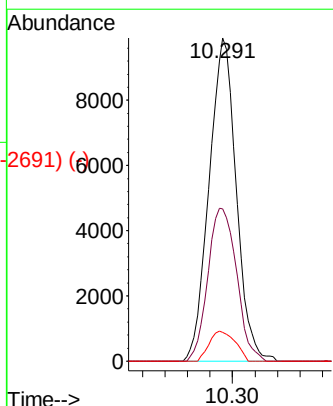
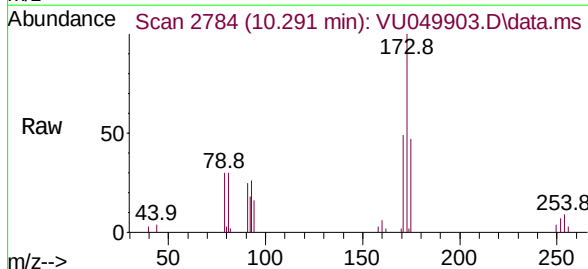
Abundance Scan 2936 (10.780 min): VU049903.D\data.ms (-2844) (-)



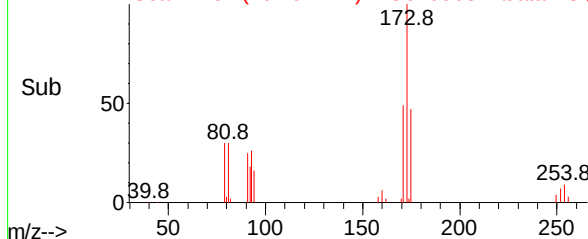
Abundance Scan 2784 (10.291 min): VU049880.D\data.ms (-2784) (-)

Bromoform
Concen: 5.590 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Tgt Ion:	173	Resp:	16533
Ion	Ratio	Lower	Upper
173	100		
175	50.1	39.5	59.3
254	8.9	7.5	11.3



Abundance Scan 2784 (10.291 min): VU049903.D\data.ms (-2691) (-)



Abundance Scan 2844 (10.484 min): VU049880.D\data.ms (-2850) (-)

Isopropylbenzene

Concen: 4.960 ug/L

RT: 10.484 min Scan# 2844

Delta R.T. -0.000 min

Lab File: VU049903.D

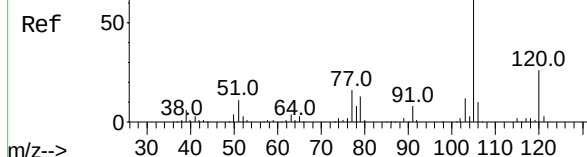
Acq: 26 Jul 2022 06:45

Instrument :

MSVOA_U

ClientSampleId :

GBJ15MSD



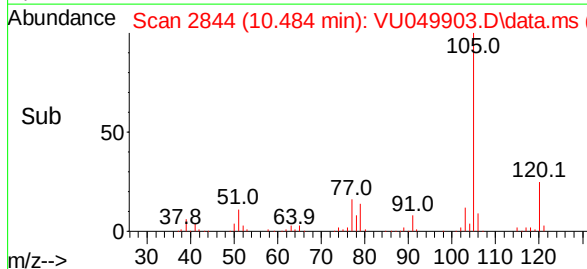
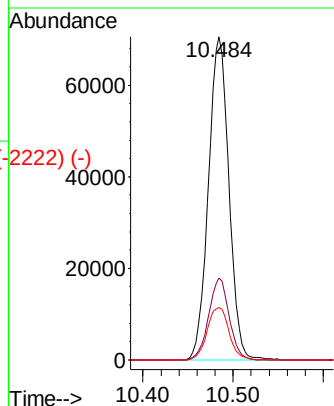
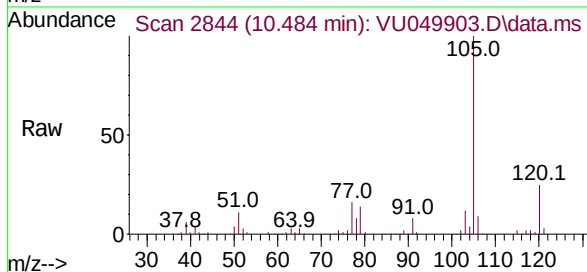
Tgt Ion:105 Resp: 111500

Ion Ratio Lower Upper

105 100

120 25.3 20.4 30.6

77 17.3 13.8 20.8



Abundance Scan 2949 (10.822 min): VU049880.D\data.ms (-2951) (-)

1,2,3-Trichloropropane

Concen: 5.368 ug/L

RT: 10.822 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

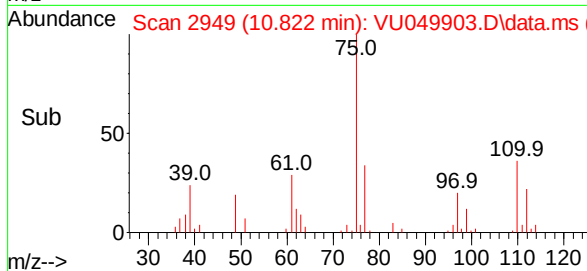
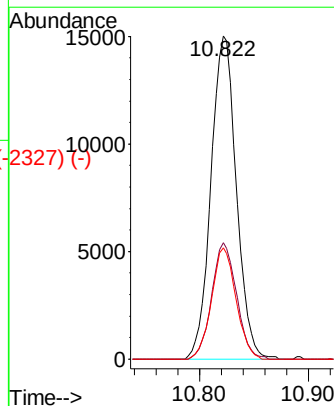
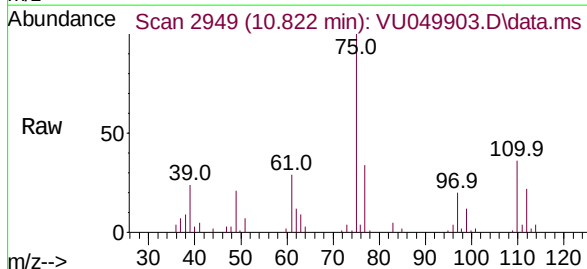
Tgt Ion: 75 Resp: 24303

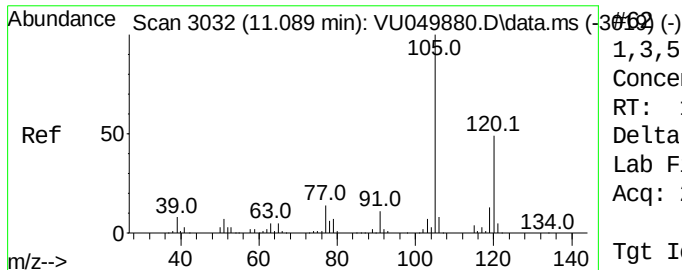
Ion Ratio Lower Upper

75 100

110 35.2 28.0 42.0

77 33.1 25.4 38.2

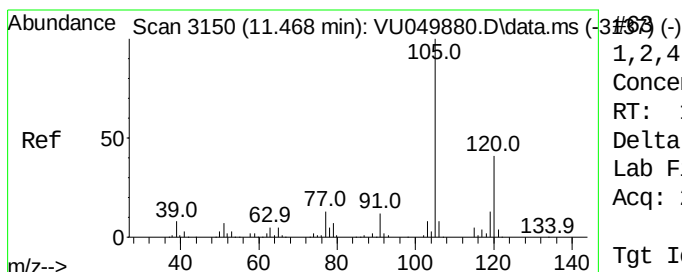
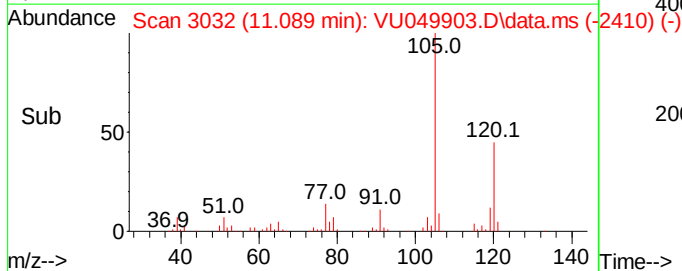
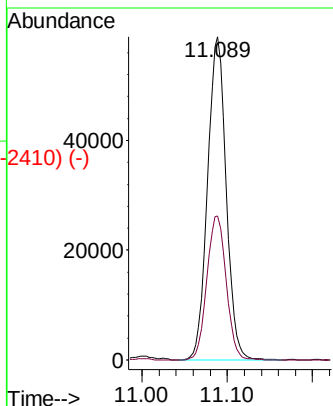
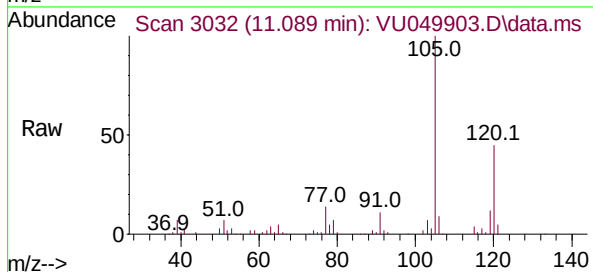




1,3,5-Trimethylbenzene
Concen: 4.697 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

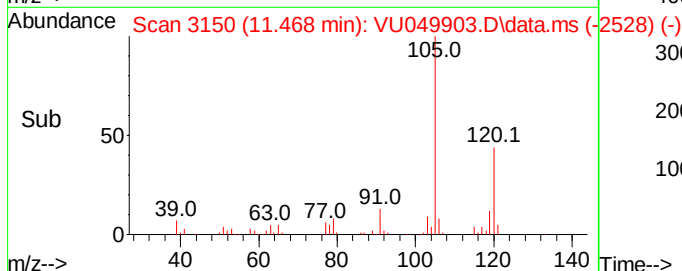
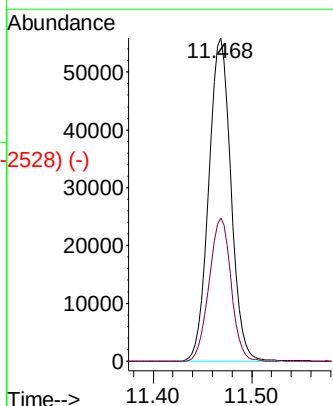
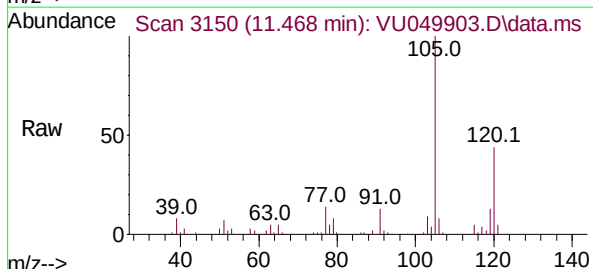
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MSD

Tgt Ion:105 Resp: 89228
Ion Ratio Lower Upper
105 100
120 46.3 38.0 57.0

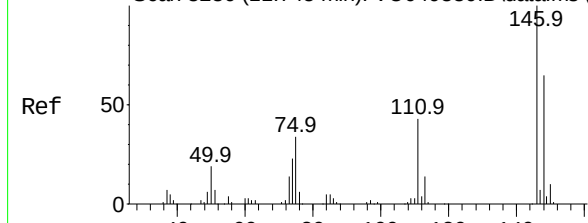


1,2,4-Trimethylbenzene
Concen: 4.752 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Tgt Ion:105 Resp: 87619
Ion Ratio Lower Upper
105 100
120 43.8 34.2 51.4



Abundance Scan 3236 (11.745 min): VU049880.D\data.ms (-3236) (-)



1,3-Dichlorobenzene

Concen: 4.744 ug/L

RT: 11.745 min Scan# 3236

Delta R.T. -0.000 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

Instrument :

MSVOA_U

ClientSampleId :

GBJ15MSD

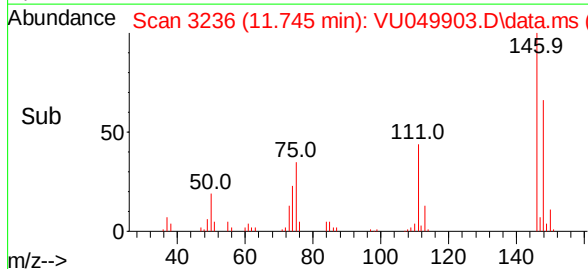
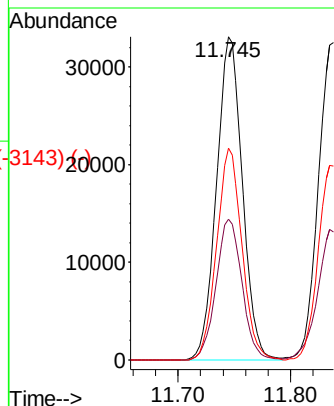
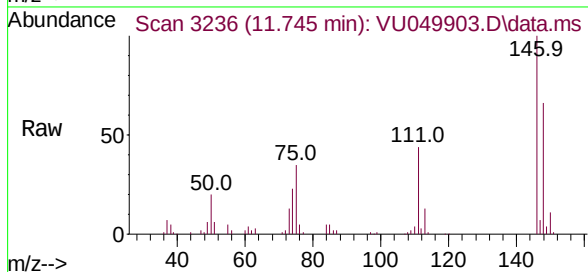
Tgt Ion:146 Resp: 52735

Ion Ratio Lower Upper

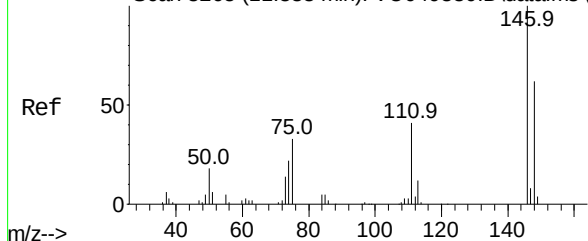
146 100

111 43.6 30.0 55.8

148 65.6 44.2 82.2



Abundance Scan 3265 (11.838 min): VU049880.D\data.ms (-3265) (-)



1,4-Dichlorobenzene

Concen: 4.798 ug/L

RT: 11.838 min Scan# 3265

Delta R.T. -0.000 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

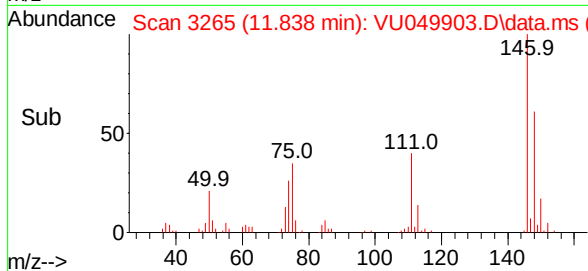
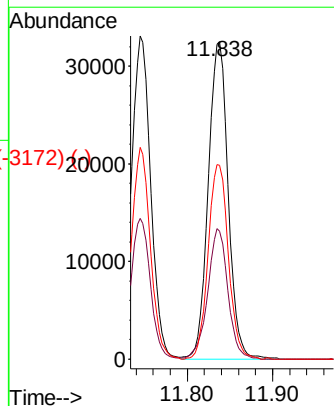
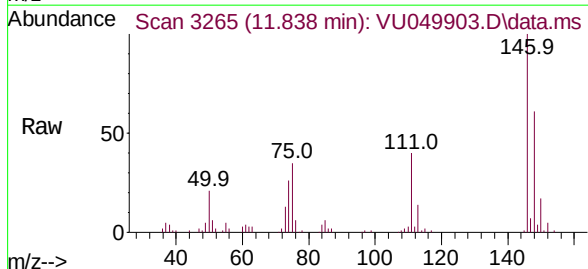
Tgt Ion:146 Resp: 52759

Ion Ratio Lower Upper

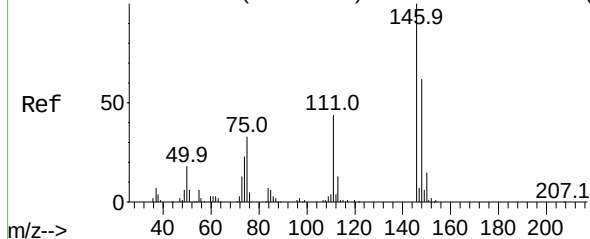
146 100

111 40.4 29.5 54.7

148 61.0 44.1 81.9



Abundance Scan 3382 (12.214 min): VU049880.D\data.ms (-3367) (-)



1,2-Dichlorobenzene

Concen: 4.928 ug/L

RT: 12.211 min Scan#

Delta R.T. -0.003 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

Instrument :

MSVOA_U

ClientSampleId :

GBJ15MSD

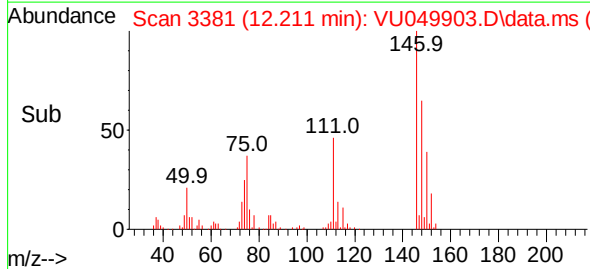
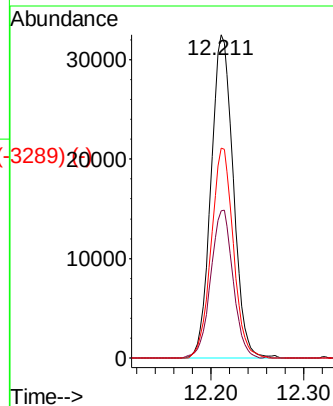
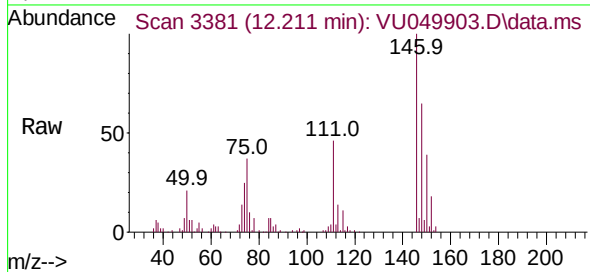
Tgt Ion:146 Resp: 54116

Ion Ratio Lower Upper

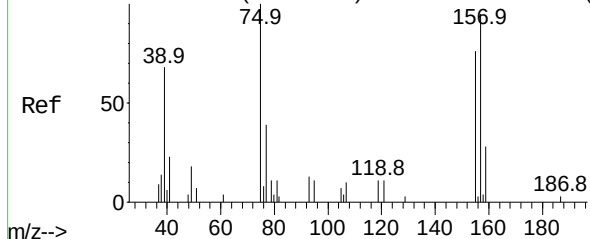
146 100

111 45.6 35.8 53.8

148 65.0 50.3 75.5



Abundance Scan 3626 (12.999 min): VU049880.D\data.ms (-3608) (-)



1,2-Dibromo-3-chloropropane

Concen: 5.615 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

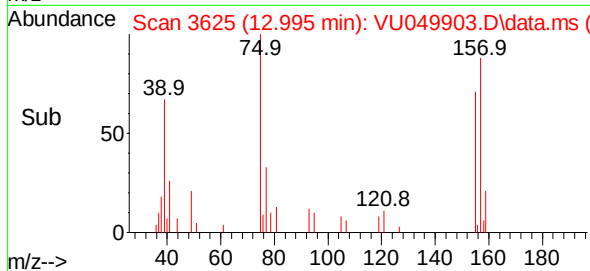
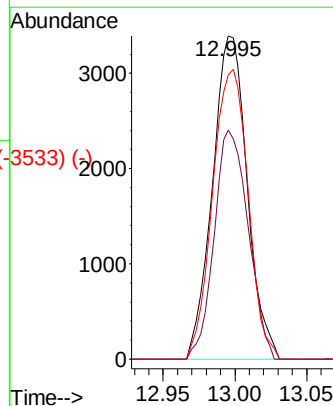
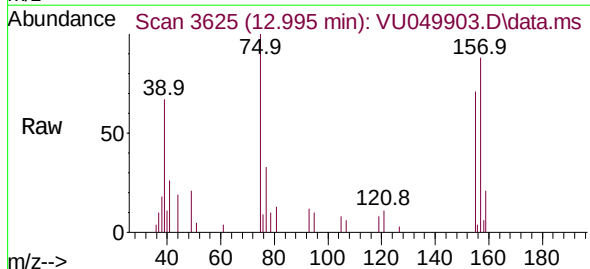
Tgt Ion: 75 Resp: 5687

Ion Ratio Lower Upper

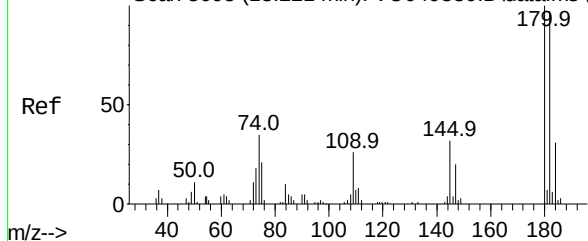
75 100

155 70.9 60.4 90.6

157 87.9 70.0 105.0



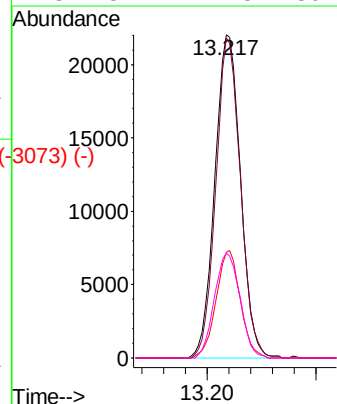
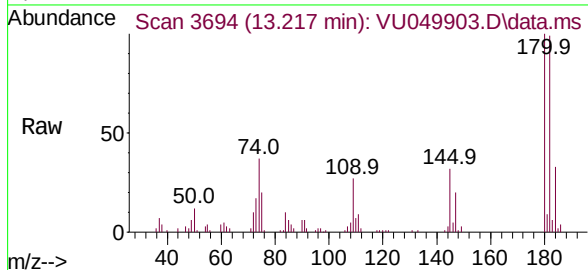
Abundance Scan 3695 (13.221 min): VU049880.D\data.ms (-3695) (-)



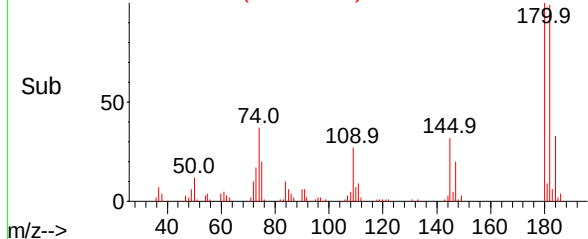
1,3,5-Trichlorobenzene
Concen: 4.378 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. -0.003 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Instrument :
MSVOA_U
ClientSampleId :
GBJ15MSD

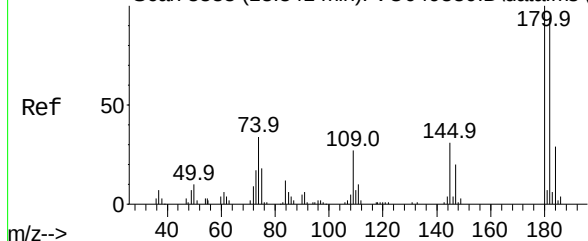
Tgt Ion:	180	Resp:	35925
Ion Ratio	Lower	Upper	
180	100		
182	94.7	77.2	115.8
184	31.3	25.3	37.9
145	32.4	24.5	36.7



Abundance Scan 3694 (13.217 min): VU049903.D\data.ms (-3073) (-)

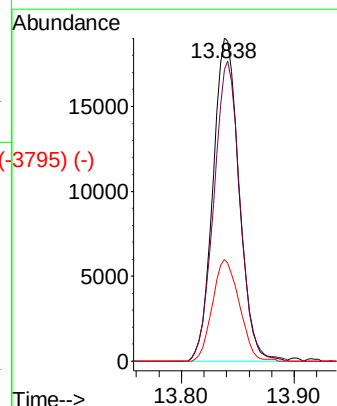
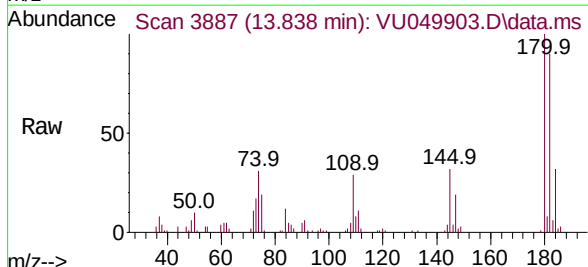


Abundance Scan 3888 (13.841 min): VU049880.D\data.ms (-3876) (-)

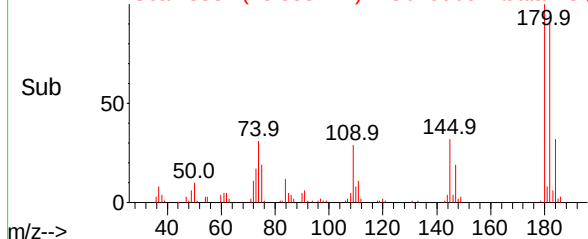


1,2,4-trichlorobenzene
Concen: 4.417 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. -0.003 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Tgt Ion:	180	Resp:	30434
Ion Ratio	Lower	Upper	
180	100		
182	93.3	77.0	115.4
145	32.5	26.1	39.1



Abundance Scan 3887 (13.838 min): VU049903.D\data.ms (-3795) (-)



Abundance Scan 3964 (14.086 min): VU049880.D\data.ms (-3971) (-)

Naphthalene

Concen: 4.611 ug/L

RT: 14.085 min Scan# 3971

Delta R.T. -0.000 min

Lab File: VU049903.D

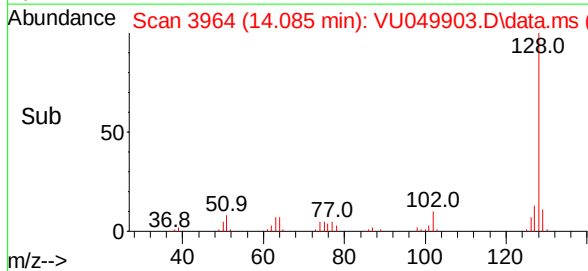
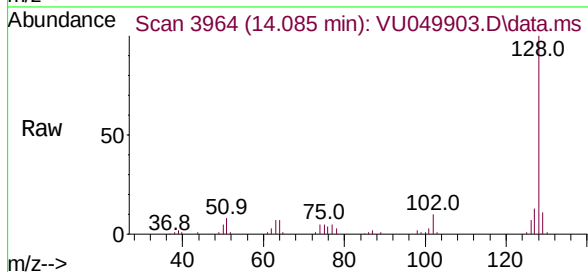
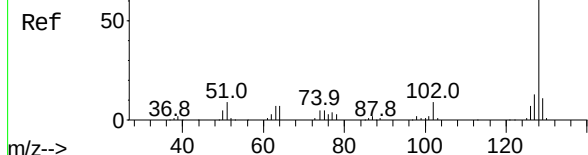
Acq: 26 Jul 2022 06:45

Instrument :

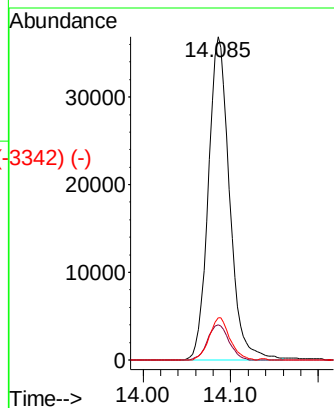
MSVOA_U

ClientSampleId :

GBJ15MSD



Tgt Ion:	128	Resp:	61944
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.2	12.4
127	12.7	11.1	16.7



Abundance Scan 4040 (14.330 min): VU049880.D\data.ms (-4079) (-)

1,2,3-Trichlorobenzene

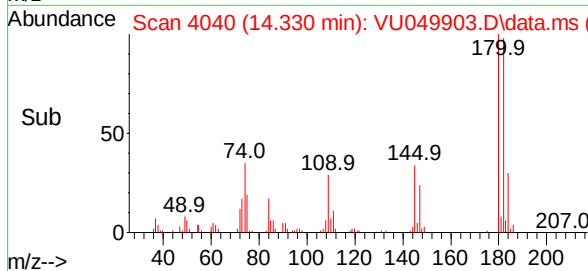
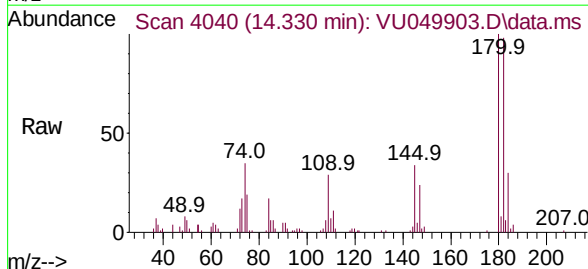
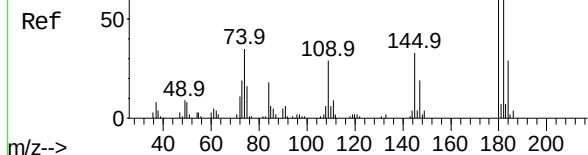
Concen: 4.535 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45



Tgt Ion:	180	Resp:	30031
Ion	Ratio	Lower	Upper
180	100		
182	99.0	73.9	110.9
145	33.6	27.8	41.6

