

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
 Data File : VU049904.D
 Acq On : 26 Jul 2022 07:09
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005130

Quant Time: Jul 26 09:02:04 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	77803	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	71731	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	33871	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	34229	5.434	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	= 108.600%		
7) Chloroethane-d5	1.912	69	31094	5.898	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	= 118.000%		
11) 1,1-Dichloroethene-d2	2.565	65	13947	4.961	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	= 99.200%		
20) 2-Butanone-d5	4.636	46	150310	66.322	ug/L	0.00
Spiked Amount 50.000	Range 40	- 130	Recovery	= 132.640%#		
24) Chloroform-d	5.063	84	83695	5.966	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	= 119.400%		
26) 1,2-Dichloroethane-d4	5.703	65	48599	5.908	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	= 118.200%		
32) Benzene-d6	5.726	84	145221	5.941	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	= 118.800%		
36) 1,2-Dichloropropane-d6	6.690	67	51848	6.140	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	= 122.800%		
41) Toluene-d8	7.896	98	118662	5.554	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	= 111.000%		
43) trans-1,3-Dichloroprop...	8.179	79	15478	5.049	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	= 101.000%		
46) 2-Hexanone-d5	8.636	63	80197	66.013	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	= 132.020%#		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	46657	6.579	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	= 131.600%#		
66) 1,2-Dichlorobenzene-d4	12.192	152	42147	6.029	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	= 120.600%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	35995	4.382	ug/L	98
3) Chloromethane	1.520	50	49856	4.933	ug/L	99
5) Vinyl chloride	1.600	62	41483	4.910	ug/L	96
6) Bromomethane	1.858	94	22700	4.968	ug/L	99
8) Chloroethane	1.932	64	24063	4.942	ug/L	100
9) Trichlorofluoromethane	2.137	101	45765	4.406	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	19921	3.921	ug/L	98
12) 1,1-Dichloroethene	2.578	96	24365	4.739	ug/L	95
13) Acetone	2.649	43	75699	55.531	ug/L	100
14) Carbon disulfide	2.790	76	70900	4.458	ug/L	100
15) Methyl Acetate	2.957	43	18337	5.396	ug/L	98
16) Methylene chloride	3.044	84	52187	4.500	ug/L	100
17) Methyl tert-butyl Ether	3.366	73	84785	5.091	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	27246	4.585	ug/L	94
19) 1,1-Dichloroethane	3.870	63	64621	5.031	ug/L	99
21) 2-Butanone	4.716	43	125220	54.162	ug/L	94
22) cis-1,2-Dichloroethene	4.668	96	35077	5.096	ug/L	96
23) Bromochloromethane	4.973	128	16914	5.501	ug/L	96

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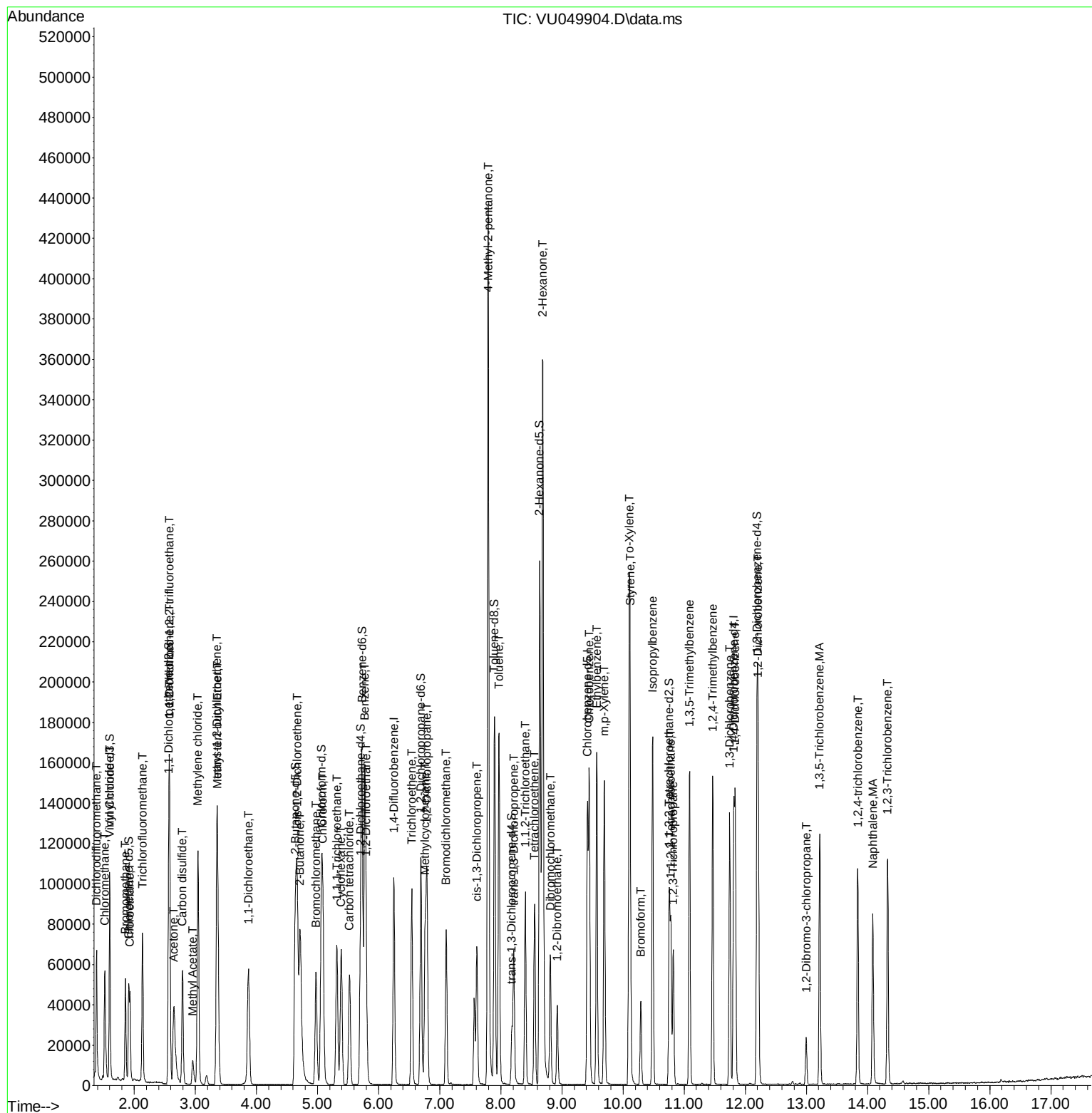
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	5.089	83	68607	5.035	ug/L	96
27) 1,2-Dichloroethane	5.796	62	47509	5.077	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	49862	4.952	ug/L	100
30) Cyclohexane	5.385	56	30923	3.792	ug/L	98
31) Carbon tetrachloride	5.523	117	37867	4.631	ug/L	100
33) Benzene	5.774	78	135651	5.211	ug/L	100
34) Trichloroethene	6.542	95	32221	5.106	ug/L	96
35) Methylcyclohexane	6.761	83	28118	3.612	ug/L	96
37) 1,2-Dichloropropane	6.790	63	38498	5.189	ug/L	99
38) Bromodichloromethane	7.105	83	49562	5.348	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	41443	4.239	ug/L	95
40) 4-Methyl-2-pentanone	7.793	43	292706	56.568	ug/L	99
42) Toluene	7.970	91	125112	4.806	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	37313	4.421	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	28123	5.312	ug/L	98
47) Tetrachloroethene	8.552	164	19051	4.385	ug/L	94
48) 2-Hexanone	8.687	43	243870	63.146	ug/L	97
49) Dibromochloromethane	8.809	129	31748	5.365	ug/L	94
50) 1,2-Dibromoethane	8.922	107	25819	5.491	ug/L	96
51) Chlorobenzene	9.446	112	77048	4.662	ug/L	98
52) Ethylbenzene	9.571	91	114384	4.273	ug/L	99
53) m,p-Xylene	9.693	106	40179	4.080	ug/L	96
54) o-Xylene	10.102	106	43135	4.433	ug/L	96
55) Styrene	10.115	104	75113	4.557	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	38146	5.578	ug/L	95
59) Bromoform	10.291	173	17610	5.973	ug/L	99
60) Isopropylbenzene	10.484	105	102944	4.594	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	27197	6.027	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	81704	4.315	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	82169	4.471	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	52009	4.694	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	52123	4.755	ug/L	95
67) 1,2-Dichlorobenzene	12.211	146	53781	4.914	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.995	75	6270	6.211	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	36322	4.441	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	31607	4.602	ug/L	98
71) Naphthalene	14.085	128	67398	5.034	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	32081	4.860	ug/L	97

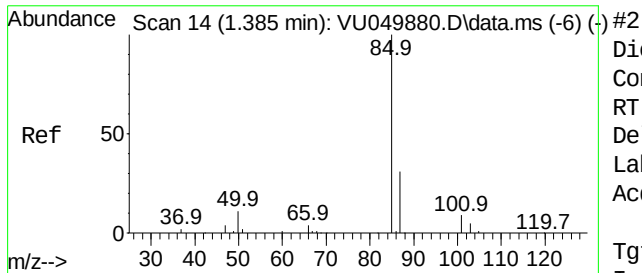
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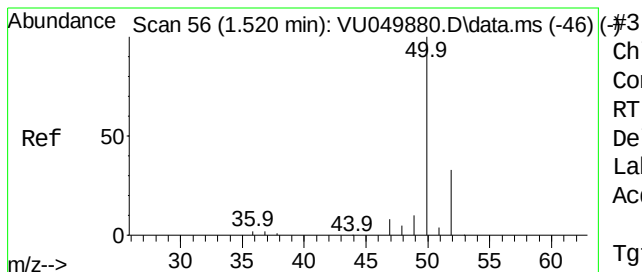
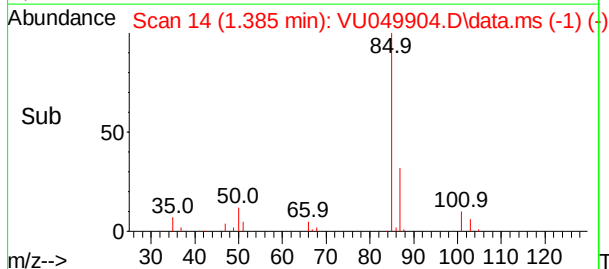
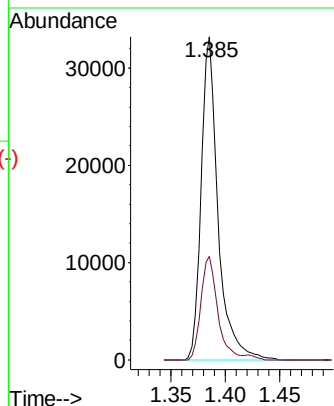
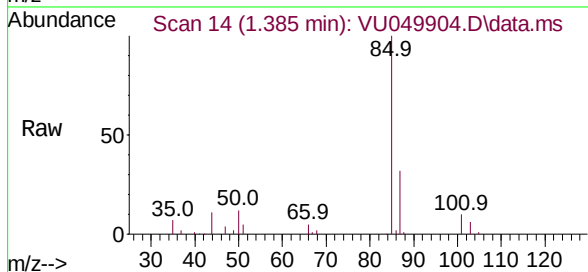




Dichlorodifluoromethane
 Concen: 4.382 ug/L
 RT: 1.385 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU049904.D
 Acq: 26 Jul 2022 07:09

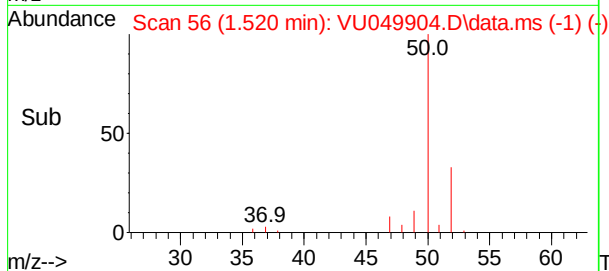
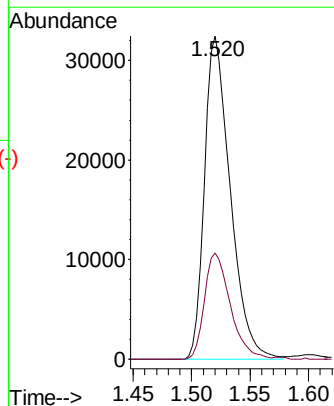
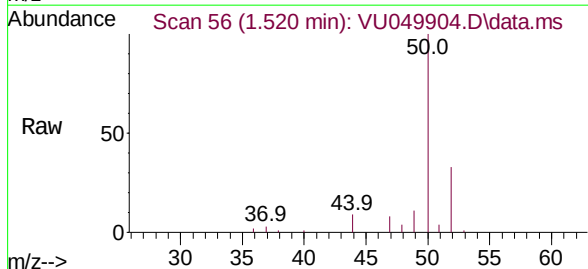
Instrument :
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 VSTD005130

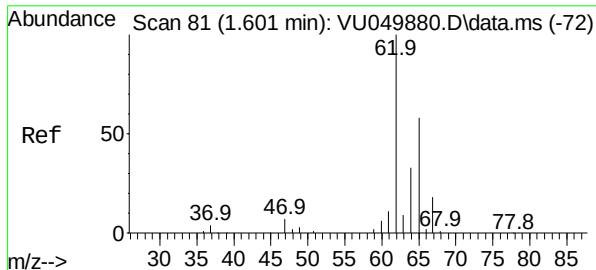
Tgt Ion: 85 Resp: 35995
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.4 38.2



Chloromethane
 Concen: 4.933 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VU049904.D
 Acq: 26 Jul 2022 07:09

Tgt Ion: 50 Resp: 49856
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.5 41.7





Vinyl chloride

Concen: 4.910 ug/L

RT: 1.600 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU049904.D

Acq: 26 Jul 2022 07:09

Instrument :

MSVOA_U

ClientSampleId :

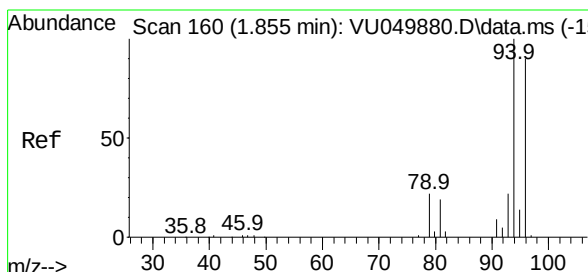
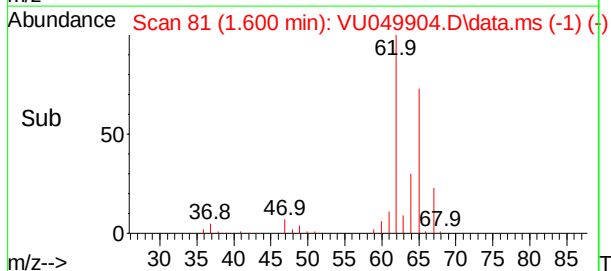
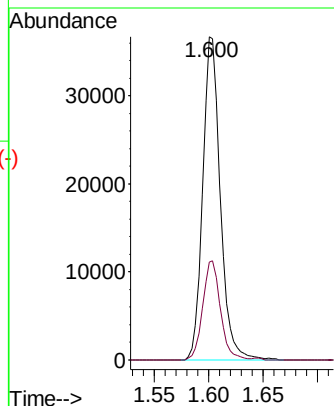
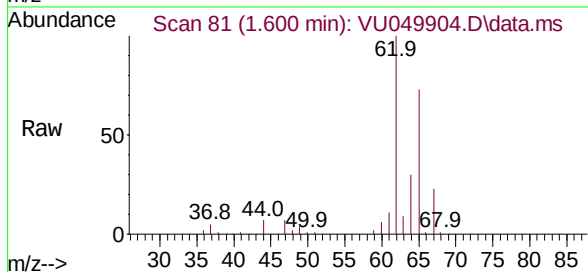
VSTD005130

Tgt Ion: 62 Resp: 41483

Ion Ratio Lower Upper

62 100

64 30.2 22.7 42.3



Bromomethane

Concen: 4.968 ug/L

RT: 1.858 min Scan# 161

Delta R.T. 0.003 min

Lab File: VU049904.D

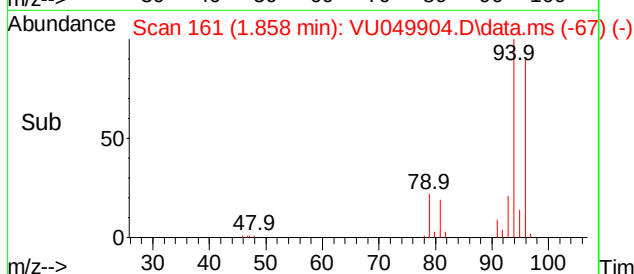
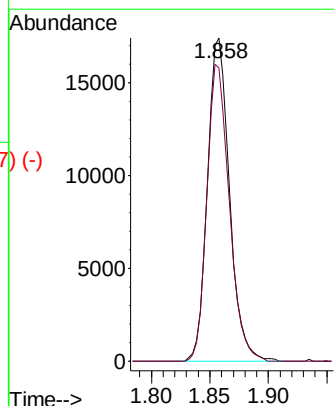
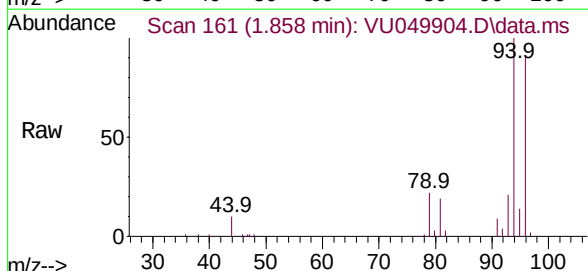
Acq: 26 Jul 2022 07:09

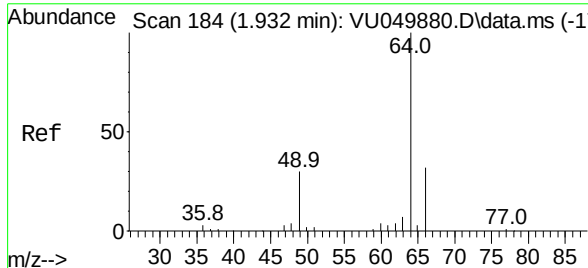
Tgt Ion: 94 Resp: 22700

Ion Ratio Lower Upper

94 100

96 90.7 62.6 116.3





Chloroethane

Concen: 4.942 ug/L

RT: 1.932 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049904.D

Acq: 26 Jul 2022 07:09

Instrument :

MSVOA_U

ClientSampleId :

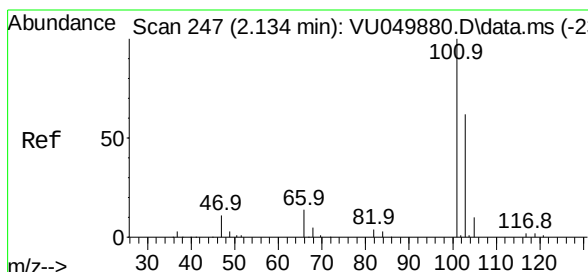
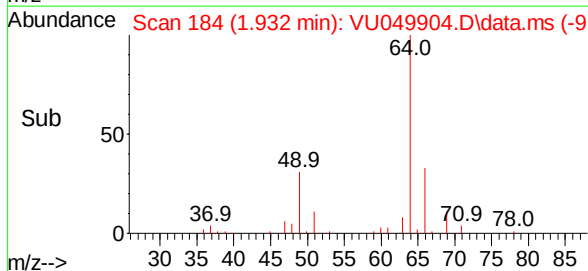
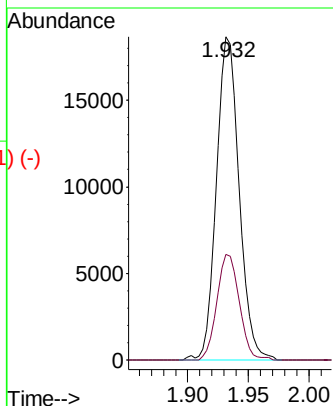
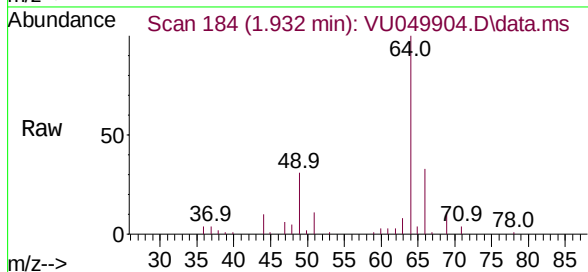
VSTD005130

Tgt Ion: 64 Resp: 24063

Ion Ratio Lower Upper

64 100

66 32.6 22.7 42.3



Trichlorofluoromethane

Concen: 4.406 ug/L

RT: 2.137 min Scan# 248

Delta R.T. 0.003 min

Lab File: VU049904.D

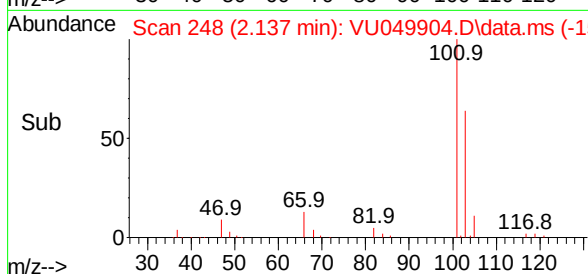
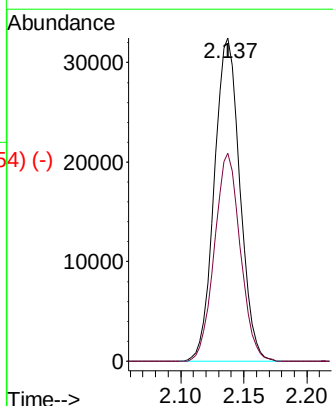
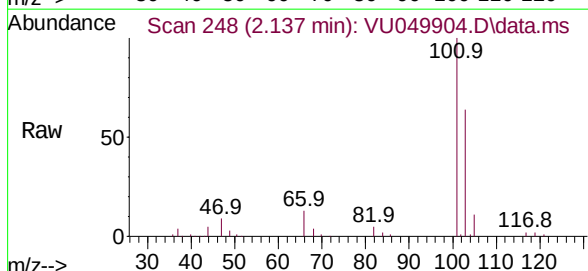
Acq: 26 Jul 2022 07:09

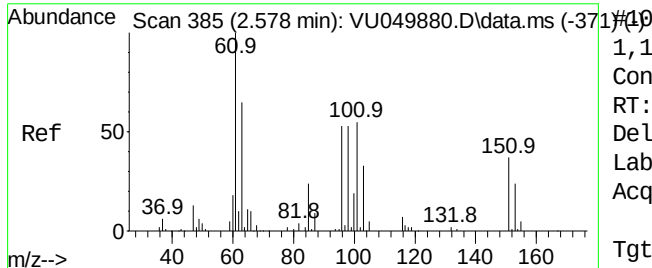
Tgt Ion: 101 Resp: 45765

Ion Ratio Lower Upper

101 100

103 65.1 50.8 76.2

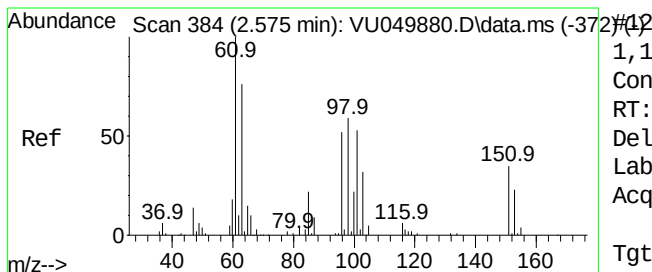
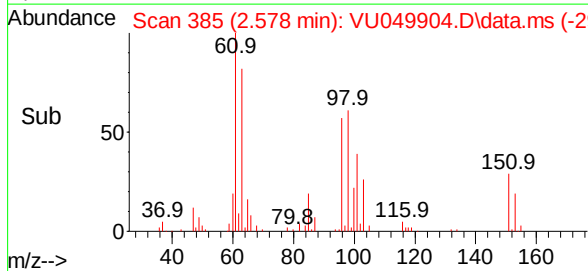
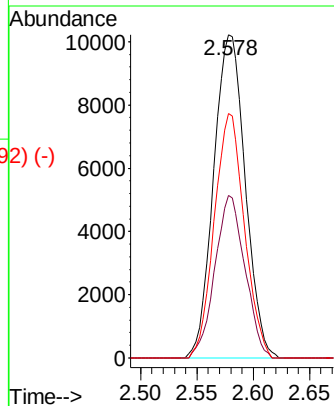
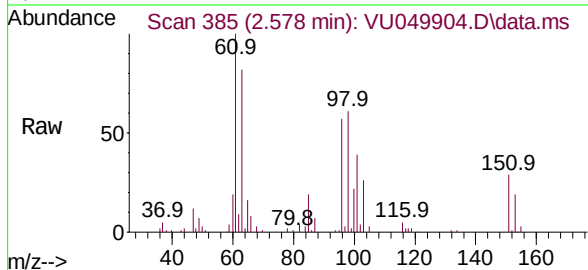




1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.921 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
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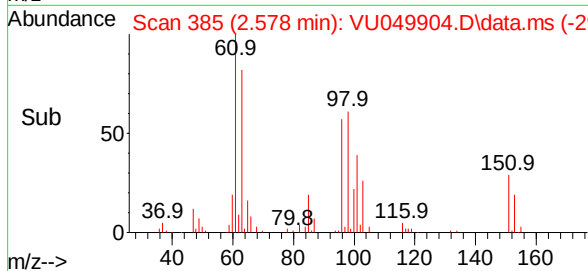
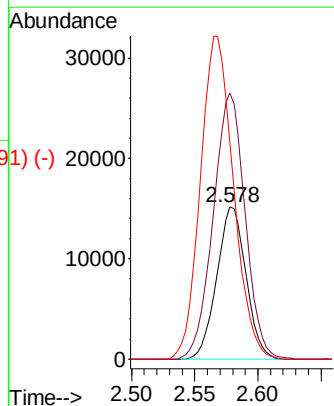
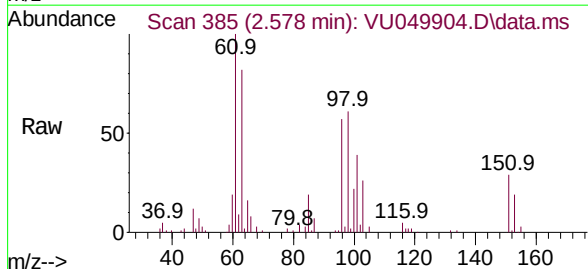
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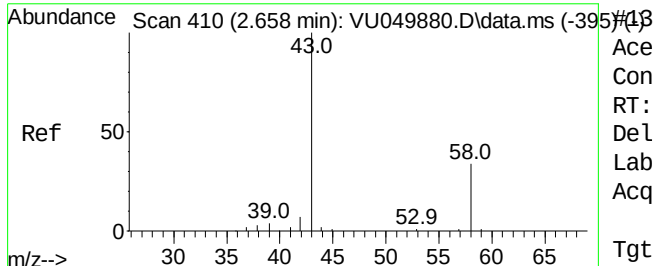
Tgt Ion:	101	Resp:	19921
Ion	Ratio	Lower	Upper
101	100		
85	47.8	37.2	55.8
151	72.0	56.0	84.0



1,1-Dichloroethene
 Concen: 4.739 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
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Tgt Ion:	96	Resp:	24365
Ion	Ratio	Lower	Upper
96	100		
61	175.0	131.6	244.4
63	142.9	100.0	185.6

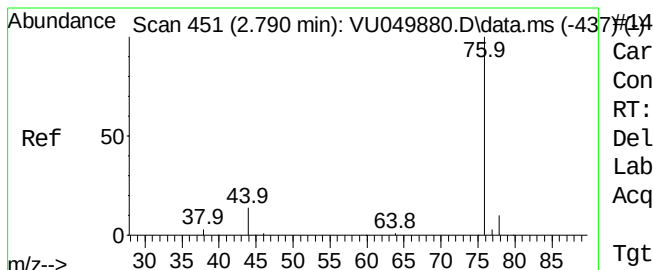
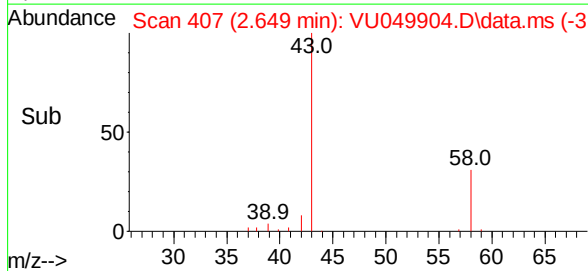
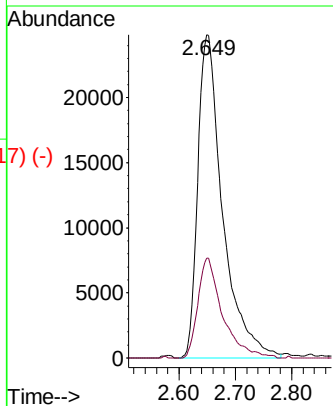
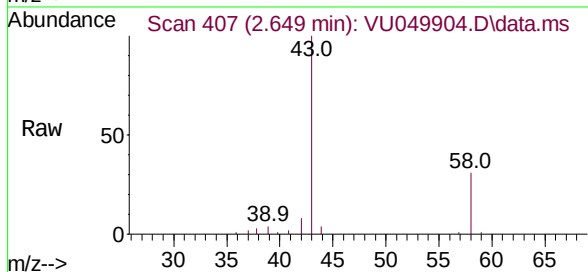




Acetone
 Concen: 55.531 ug/L
 RT: 2.649 min Scan# 410
 Delta R.T. -0.010 min
 Lab File: VU049904.D
 Acq: 26 Jul 2022 07:09

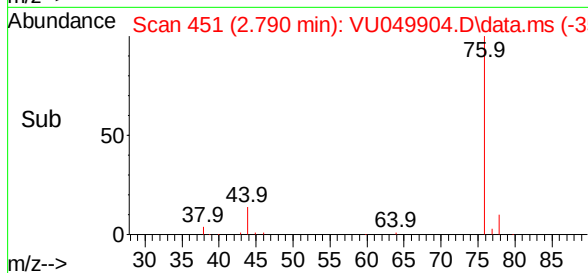
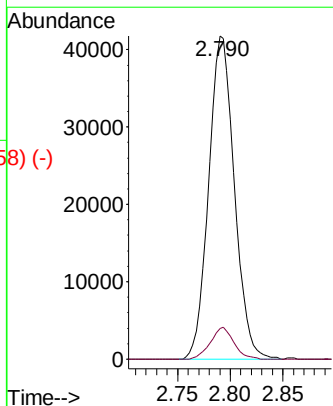
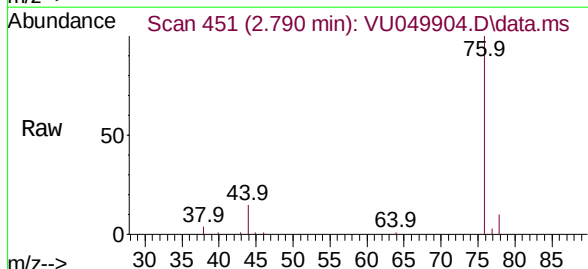
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Tgt Ion: 43 Resp: 75699
 Ion Ratio Lower Upper
 43 100
 58 30.6 0.0 61.0

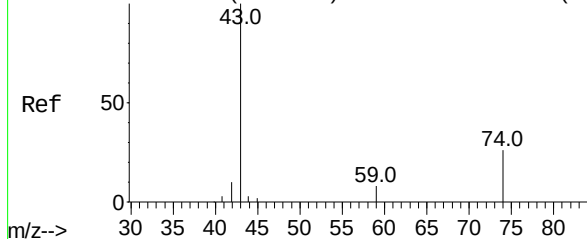


Carbon disulfide
 Concen: 4.458 ug/L
 RT: 2.790 min Scan# 451
 Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 70900
 Ion Ratio Lower Upper
 76 100
 78 9.6 7.8 11.6



Abundance Scan 505 (2.964 min): VU049880.D\data.ms (-492) #15



Methyl Acetate

Concen: 5.396 ug/L

RT: 2.957 min Scan# 530

Delta R.T. -0.007 min

Lab File: VU049904.D

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Instrument :

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ClientSampleId :

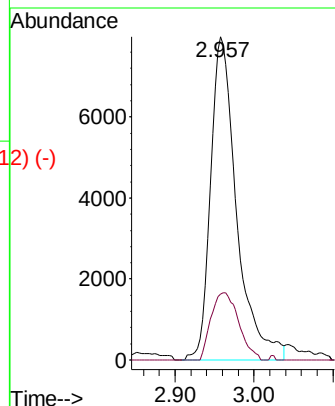
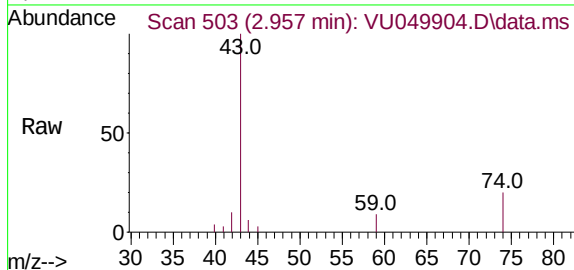
VSTD005130

Tgt Ion: 43 Resp: 18337

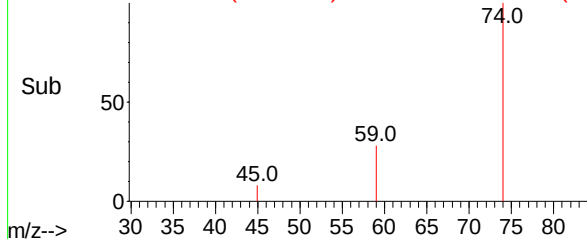
Ion Ratio Lower Upper

43 100

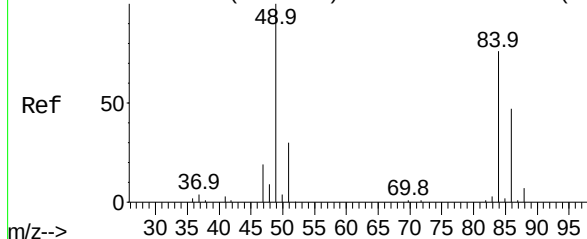
74 22.2 17.1 25.7



Abundance Scan 503 (2.957 min): VU049904.D\data.ms (-412) (-)



Abundance Scan 530 (3.044 min): VU049880.D\data.ms (-516) #16



Methylene chloride

Concen: 4.500 ug/L

RT: 3.044 min Scan# 530

Delta R.T. -0.000 min

Lab File: VU049904.D

Acq: 26 Jul 2022 07:09

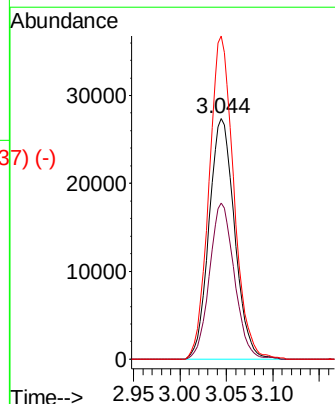
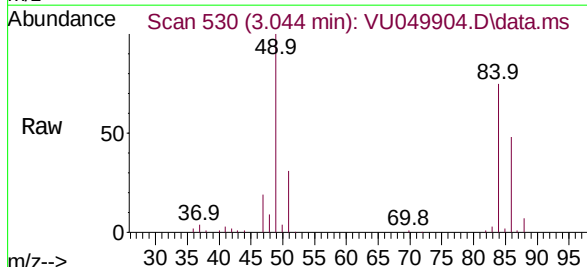
Tgt Ion: 84 Resp: 52187

Ion Ratio Lower Upper

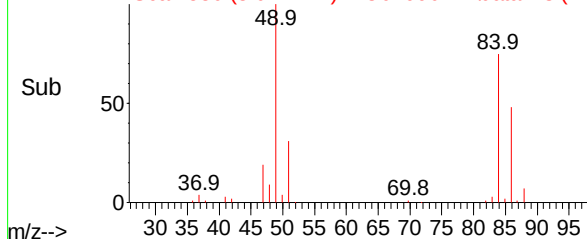
84 100

86 64.7 45.5 84.5

49 134.2 94.1 174.8



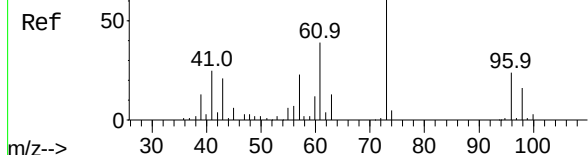
Abundance Scan 530 (3.044 min): VU049904.D\data.ms (-437) (-)



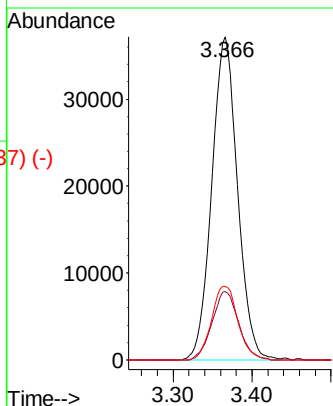
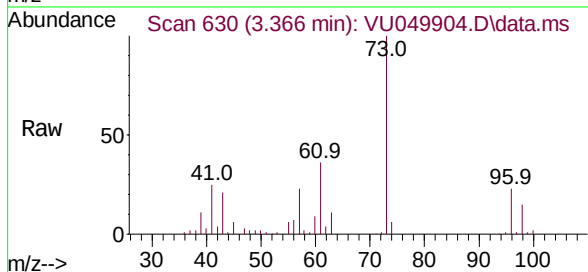
Abundance Scan 630 (3.366 min): VU049880.D\data.ms (-613) #17

Methyl tert-butyl Ether
Concen: 5.091 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU049904.D
Acq: 26 Jul 2022 07:09

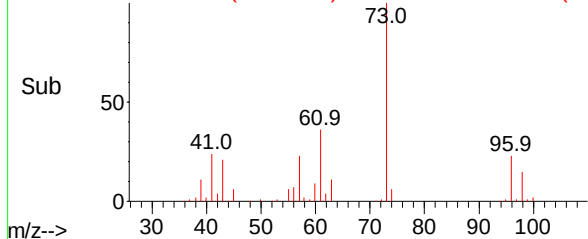
Instrument :
MSVOA_U
ClientSampleId :
VSTD005130



Tgt Ion:	73	Resp:	84785
Ion	Ratio	Lower	Upper
73	100		
43	21.8	17.4	26.2
57	23.5	18.7	28.1



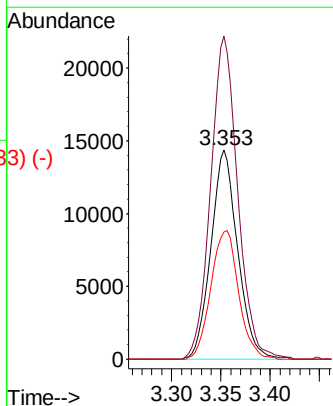
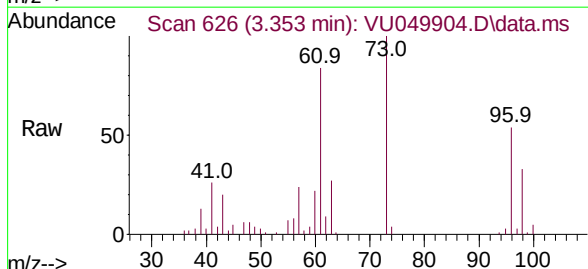
Abundance Scan 630 (3.366 min): VU049904.D\data.ms (-537) (-)



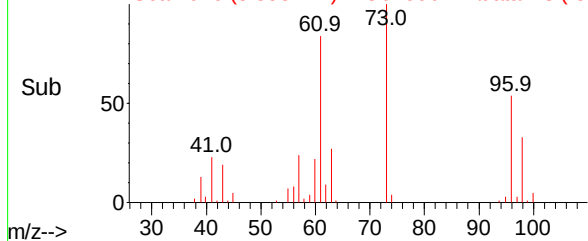
Abundance Scan 626 (3.353 min): VU049880.D\data.ms (-612) #18

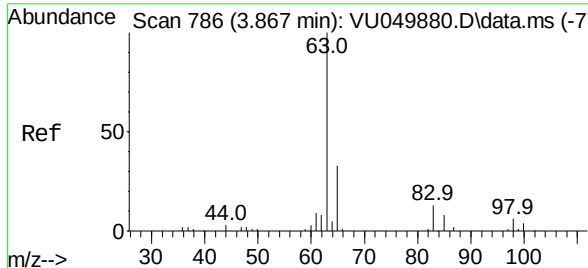
trans-1,2-Dichloroethene
Concen: 4.585 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU049904.D
Acq: 26 Jul 2022 07:09

Tgt Ion:	96	Resp:	27246
Ion	Ratio	Lower	Upper
96	100		
61	154.6	101.5	188.5
98	60.9	42.5	78.9



Abundance Scan 626 (3.353 min): VU049904.D\data.ms (-533) (-)

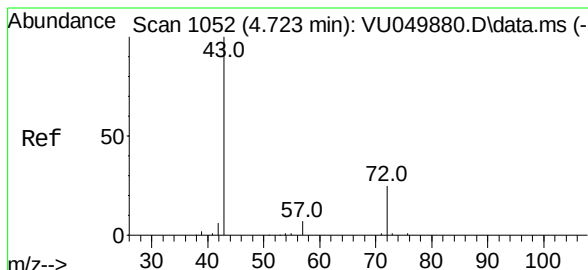
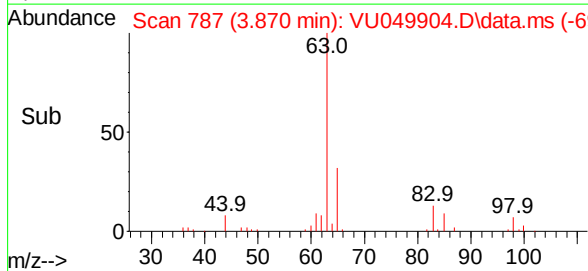
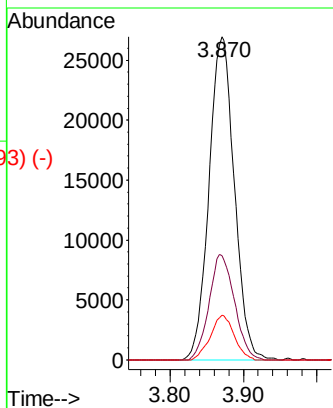
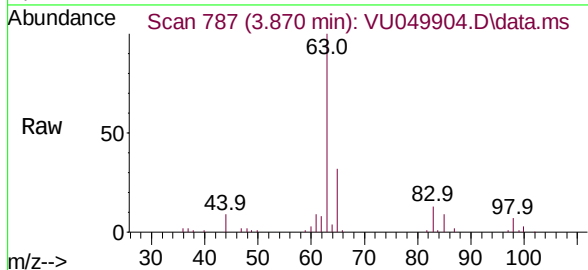




1,1-Dichloroethane
 Concen: 5.031 ug/L
 RT: 3.870 min Scan# 19
 Delta R.T. 0.003 min
 Lab File: VU049904.D
 Acq: 26 Jul 2022 07:09

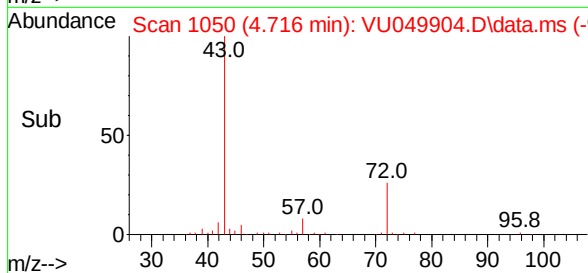
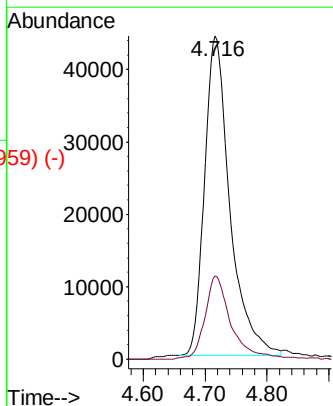
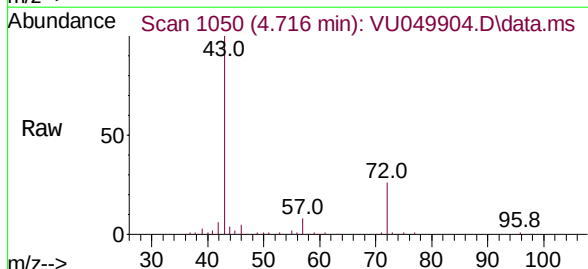
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005130

Tgt Ion:	63	Resp:	64621
Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.5	41.9
83	13.9	8.3	15.5

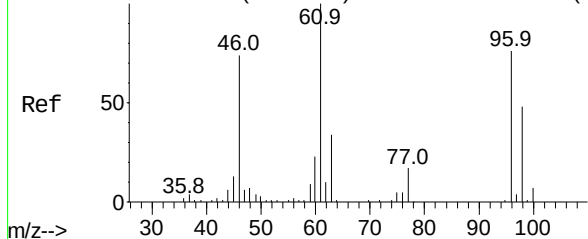


2-Butanone
 Concen: 54.162 ug/L
 RT: 4.716 min Scan# 1050
 Delta R.T. -0.007 min
 Lab File: VU049904.D
 Acq: 26 Jul 2022 07:09

Tgt Ion:	43	Resp:	125220
Ion	Ratio	Lower	Upper
43	100		
72	26.6	11.9	35.5



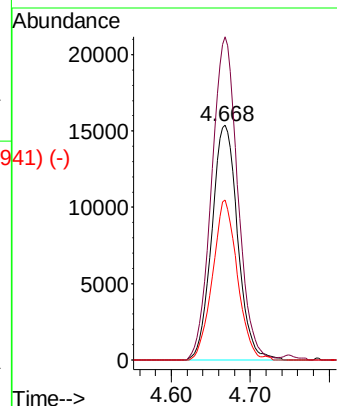
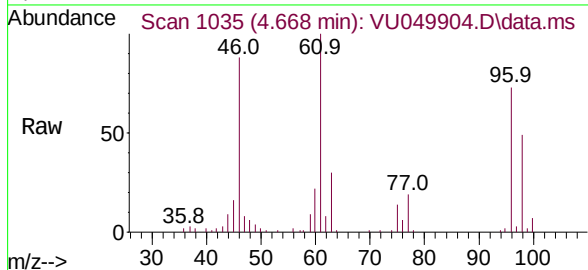
Abundance Scan 1034 (4.665 min): VU049880.D\data.ms (-1022-)



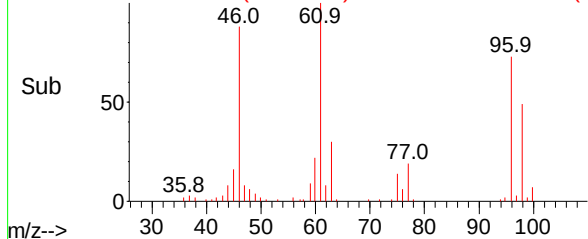
cis-1,2-Dichloroethene
Concen: 5.096 ug/L
RT: 4.668 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VU049904.D
Acq: 26 Jul 2022 07:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD005130

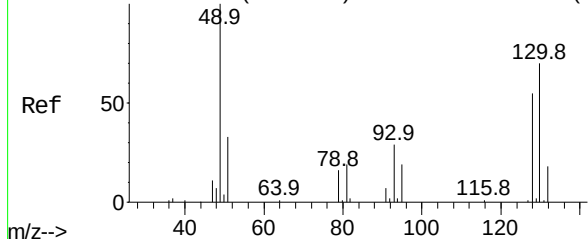
Tgt Ion:	96	Resp:	35077
Ion	Ratio	Lower	Upper
96	100		
61	137.7	93.9	174.3
98	68.1	43.9	81.5



Abundance Scan 1035 (4.668 min): VU049904.D\data.ms (-941-)

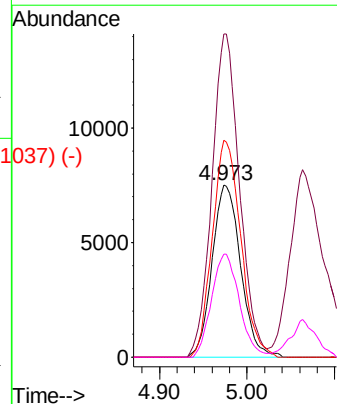
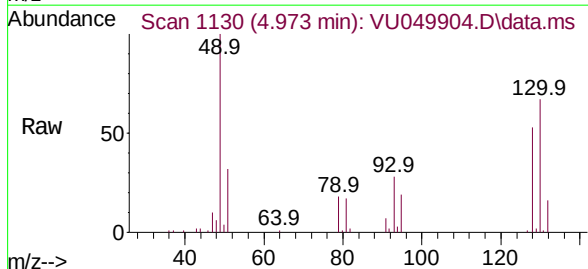


Abundance Scan 1130 (4.973 min): VU049880.D\data.ms (-1123-)

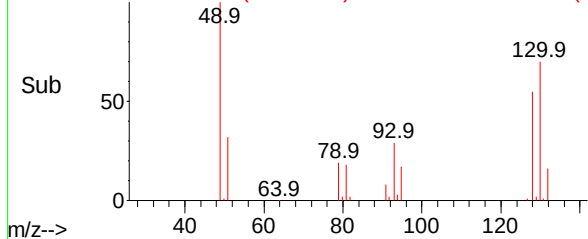


Bromochloromethane
Concen: 5.501 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VU049904.D
Acq: 26 Jul 2022 07:09

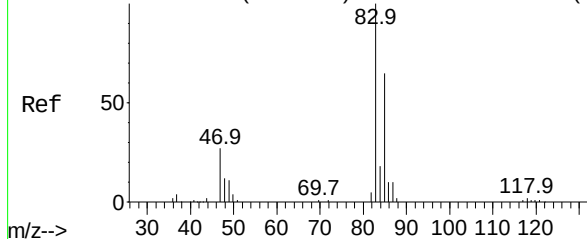
Tgt Ion:	128	Resp:	16914
Ion	Ratio	Lower	Upper
128	100		
49	187.8	124.9	232.1
130	126.1	88.5	164.3
51	60.0	46.6	69.8



Abundance Scan 1130 (4.973 min): VU049904.D\data.ms (-1037-)



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



Chloroform

Concen: 5.035 ug/L

RT: 5.089 min Scan#

Delta R.T. -0.000 min

Lab File: VU049904.D

Acq: 26 Jul 2022 07:09

Instrument :

MSVOA_U

ClientSampleId :

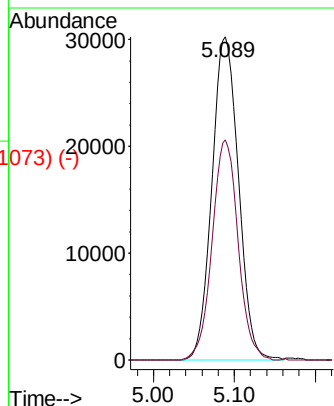
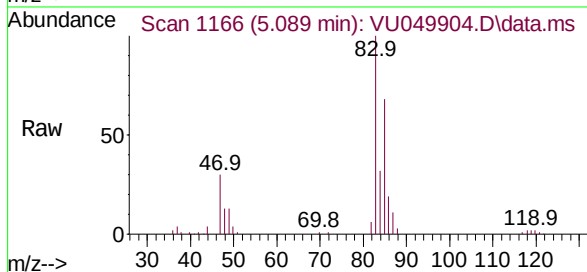
VSTD005130

Tgt Ion: 83 Resp: 68607

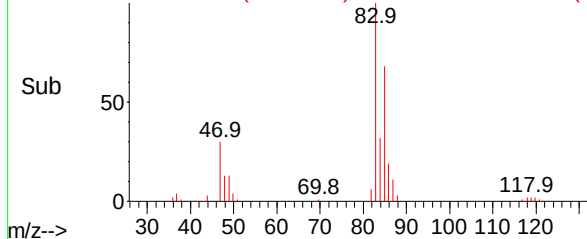
Ion Ratio Lower Upper

83 100

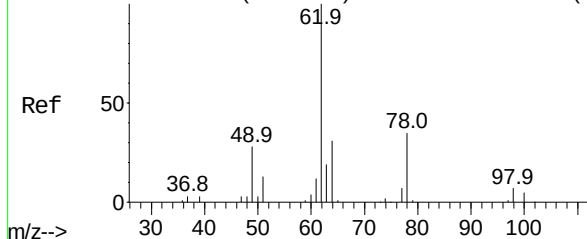
85 68.1 45.5 84.5



Abundance Scan 1166 (5.089 min): VU049904.D\data.ms (-1073) (-)



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



1,2-Dichloroethane

Concen: 5.077 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU049904.D

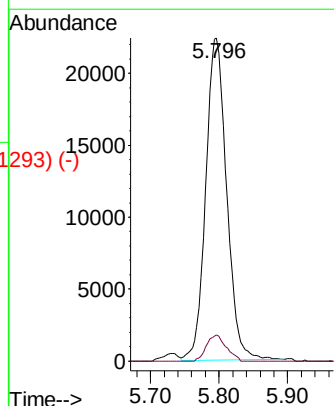
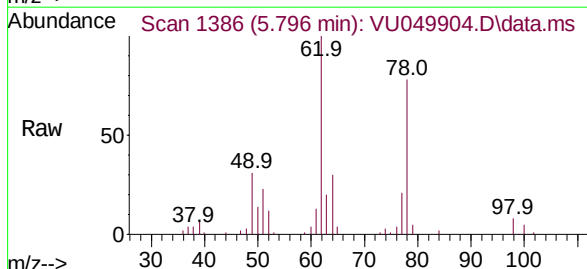
Acq: 26 Jul 2022 07:09

Tgt Ion: 62 Resp: 47509

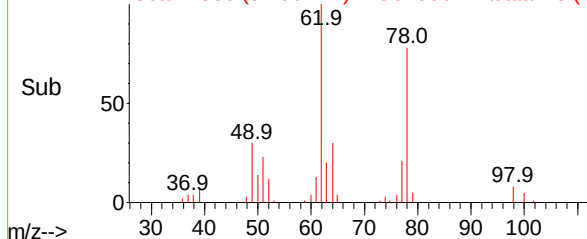
Ion Ratio Lower Upper

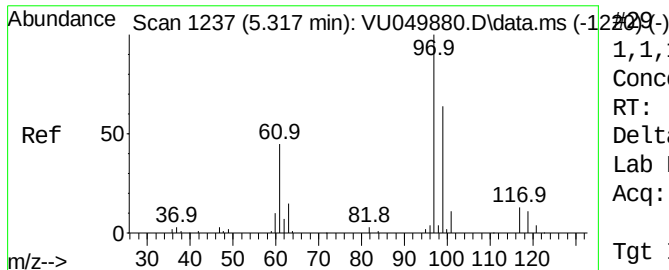
62 100

98 8.0 5.9 8.9



Abundance Scan 1386 (5.796 min): VU049904.D\data.ms (-1293) (-)

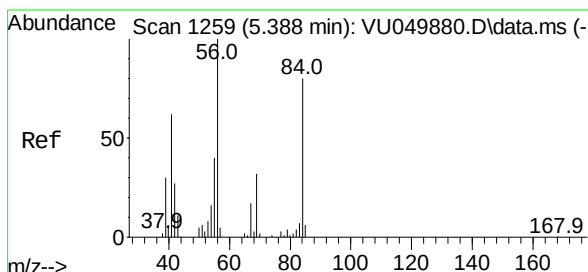
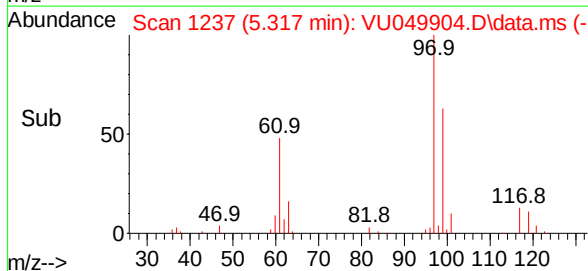
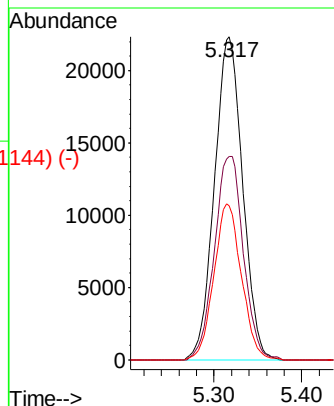
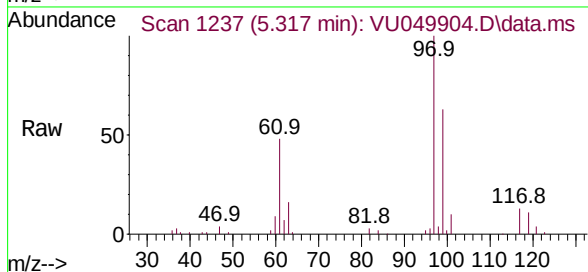




1,1,1-Trichloroethane
Concen: 4.952 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VU049904.D
Acq: 26 Jul 2022 07:09

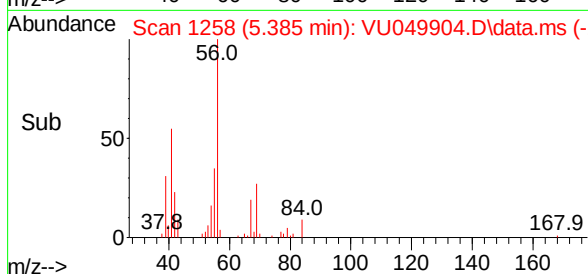
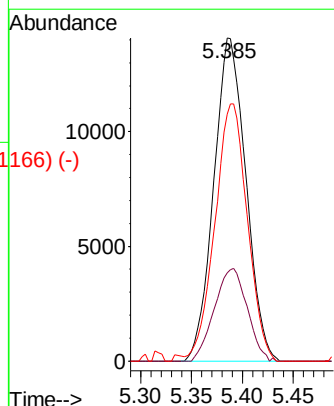
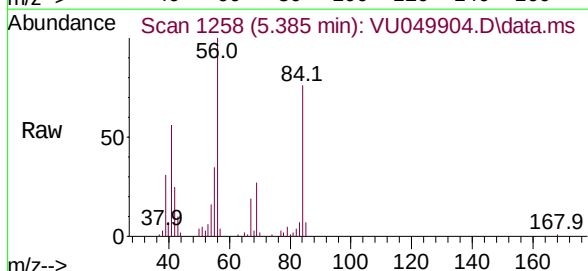
Instrument :
MSVOA_U
ClientSampleId :
VSTD005130

Tgt Ion:	97	Resp:	49862
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.8	77.8
61	47.3	38.3	57.5

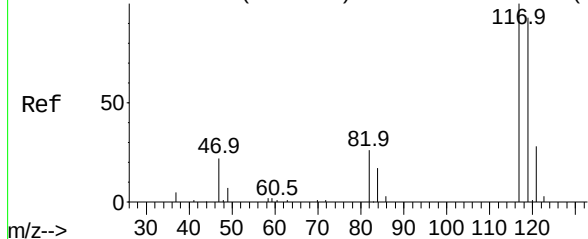


Cyclohexane
Concen: 3.792 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.003 min
Lab File: VU049904.D
Acq: 26 Jul 2022 07:09

Tgt Ion:	56	Resp:	30923
Ion	Ratio	Lower	Upper
56	100		
69	29.2	22.8	34.2
84	80.4	63.0	94.6



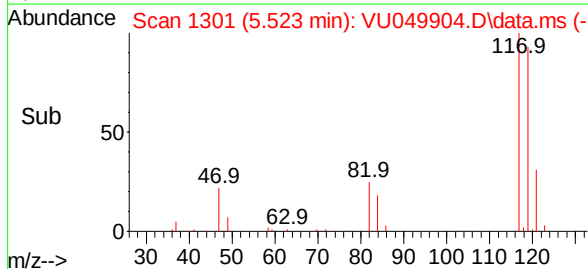
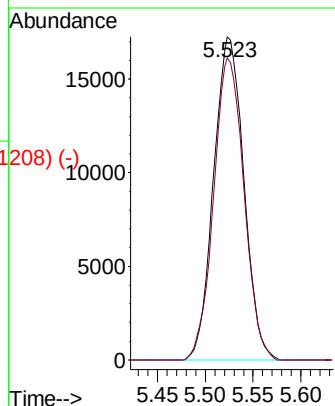
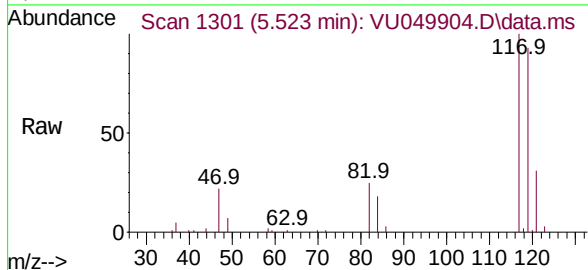
Abundance Scan 1301 (5.523 min): VU049880.D\data.ms (-1263)



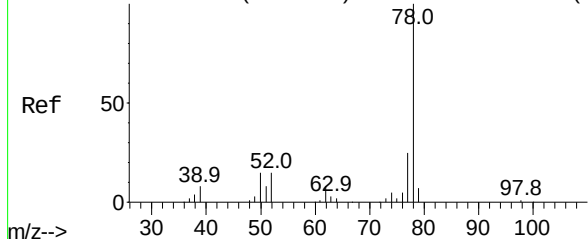
Carbon tetrachloride
Concen: 4.631 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU049904.D
Acq: 26 Jul 2022 07:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD005130

Tgt Ion:117 Resp: 37867
Ion Ratio Lower Upper
117 100
119 93.8 75.2 112.8

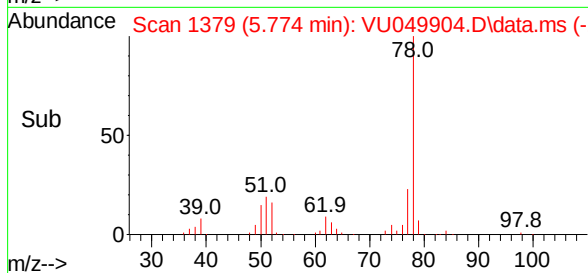
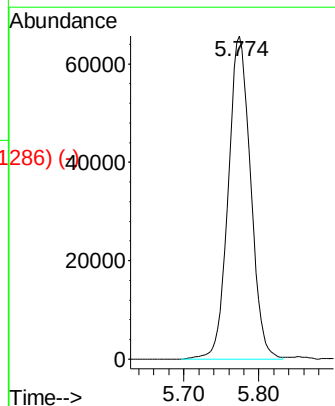
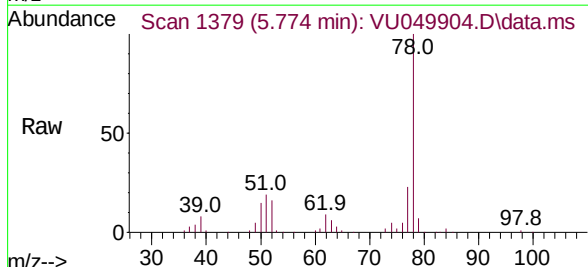


Abundance Scan 1379 (5.774 min): VU049880.D\data.ms (-1353)

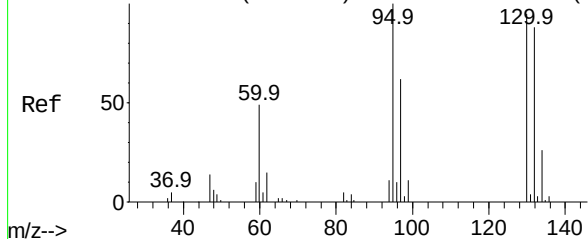


Benzene
Concen: 5.211 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU049904.D
Acq: 26 Jul 2022 07:09

Tgt Ion: 78 Resp: 135651



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



Trichloroethene

Concen: 5.106 ug/L

RT: 6.542 min Scan#

Delta R.T. -0.000 min

Lab File: VU049904.D

Acq: 26 Jul 2022 07:09

Instrument :

MSVOA_U

ClientSampleId :

VSTD005130

Tgt Ion: 95 Resp: 32221

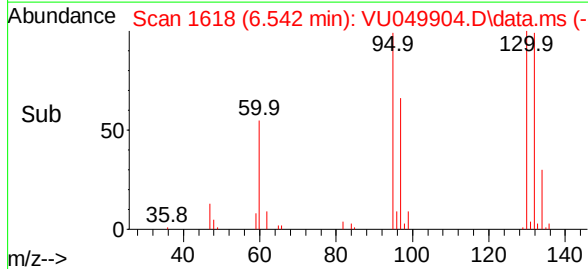
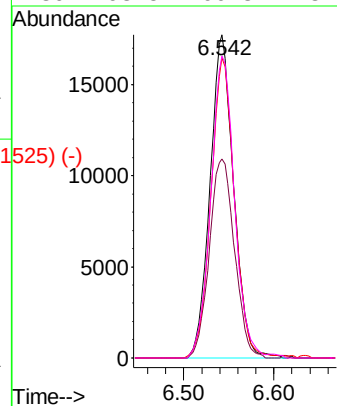
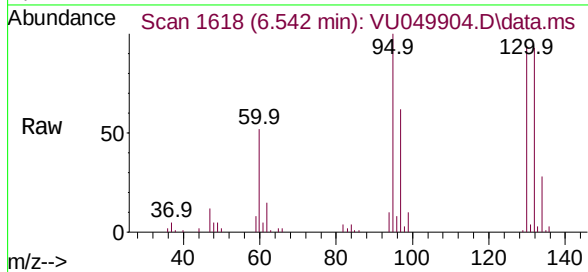
Ion Ratio Lower Upper

95 100

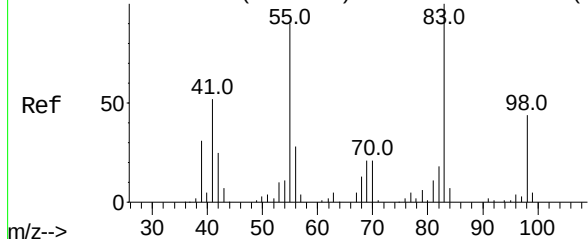
97 61.6 46.8 86.8

132 92.8 61.8 114.8

130 93.5 66.3 123.1



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



Methylcyclohexane

Concen: 3.612 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VU049904.D

Acq: 26 Jul 2022 07:09

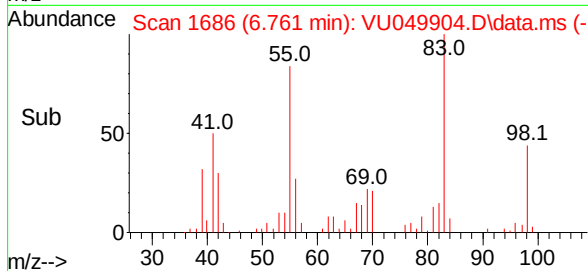
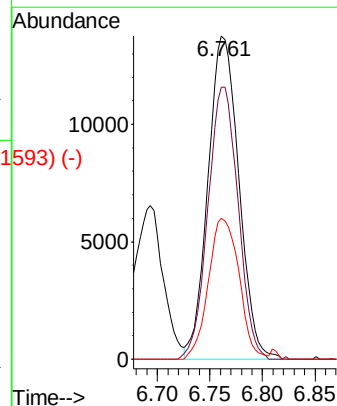
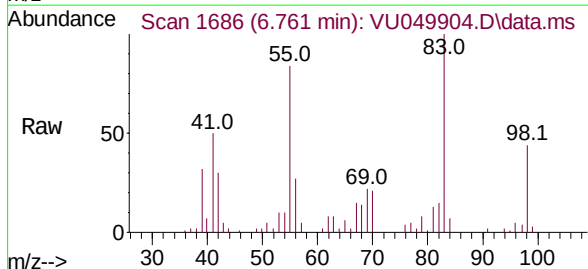
Tgt Ion: 83 Resp: 28118

Ion Ratio Lower Upper

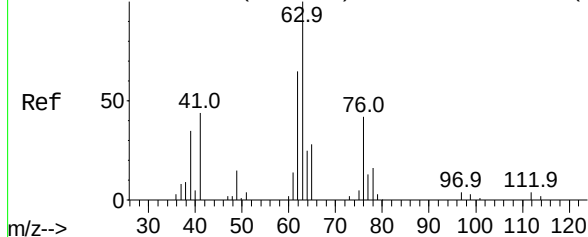
83 100

55 82.2 69.0 103.4

98 43.2 36.4 54.6



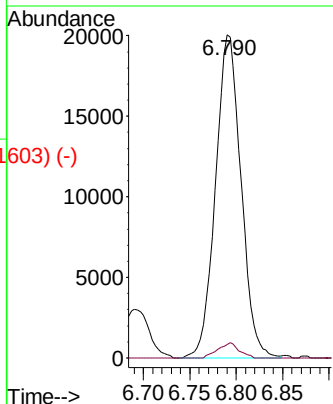
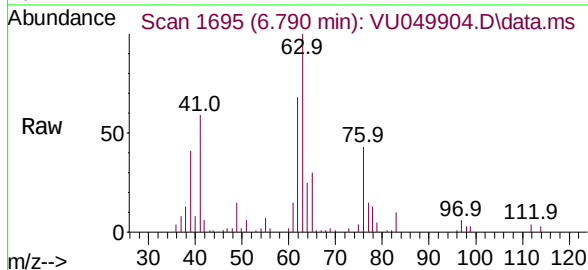
Abundance Scan 1696 (6.793 min): VU049880.D\data.ms (-1679) (-)



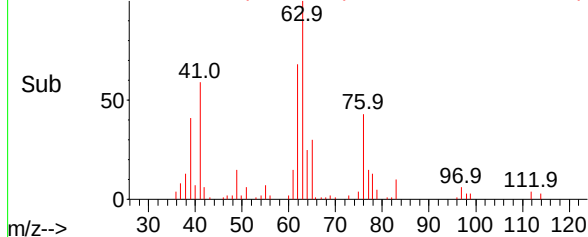
1,2-Dichloropropane
Concen: 5.189 ug/L
RT: 6.790 min Scan# 1696
Delta R.T. -0.003 min
Lab File: VU049904.D
Acq: 26 Jul 2022 07:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD005130

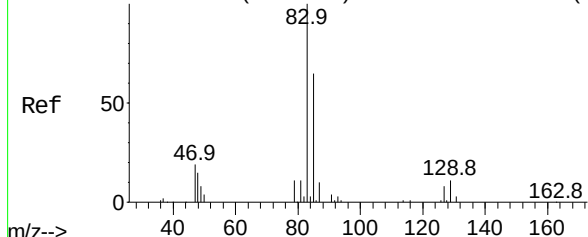
Tgt Ion: 63 Resp: 38498
Ion Ratio Lower Upper
63 100
112 3.8 2.8 4.2



Abundance Scan 1695 (6.790 min): VU049904.D\data.ms (-1603) (-)

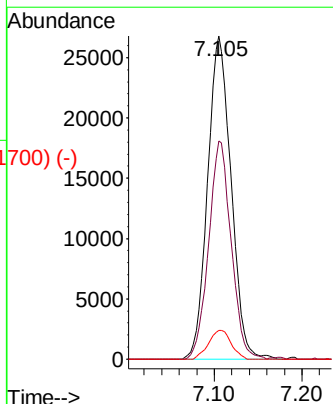
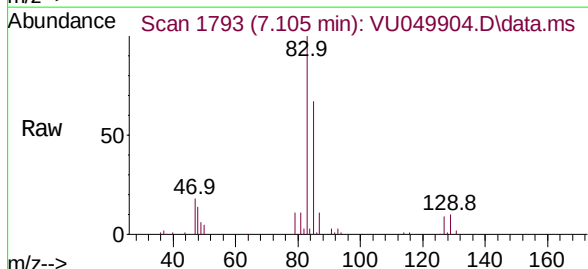


Abundance Scan 1793 (7.105 min): VU049880.D\data.ms (-1798) (-)

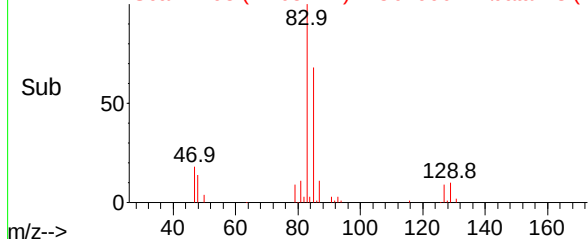


Bromodichloromethane
Concen: 5.348 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU049904.D
Acq: 26 Jul 2022 07:09

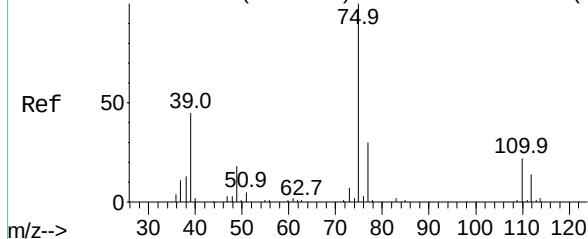
Tgt Ion: 83 Resp: 49562
Ion Ratio Lower Upper
83 100
85 67.5 45.9 85.3
127 8.9 7.0 10.6



Abundance Scan 1793 (7.105 min): VU049904.D\data.ms (-1700) (-)



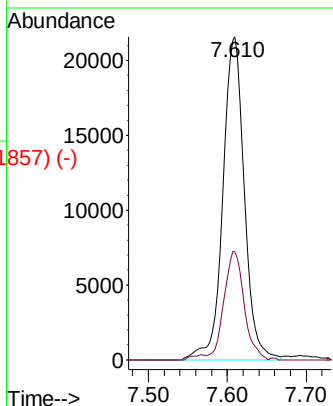
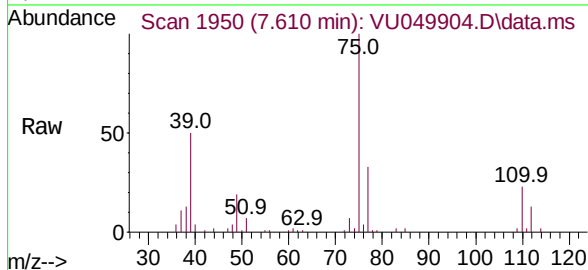
Abundance Scan 1950 (7.610 min): VU049880.D\data.ms (-1928)



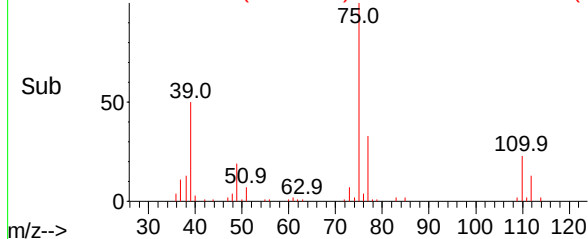
cis-1,3-Dichloropropene
Concen: 4.239 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU049904.D
Acq: 26 Jul 2022 07:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD005130

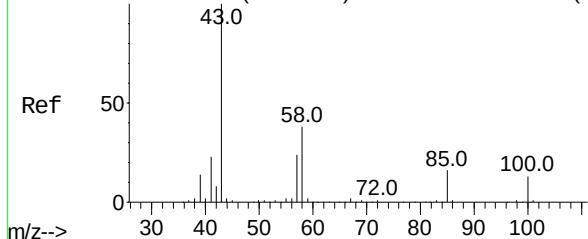
Tgt Ion: 75 Resp: 41443
Ion Ratio Lower Upper
75 100
77 33.5 21.6 40.0



Abundance Scan 1950 (7.610 min): VU049904.D\data.ms (-1857) (-)

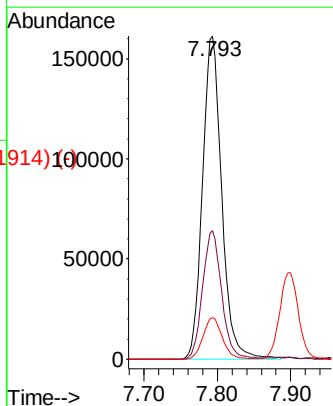
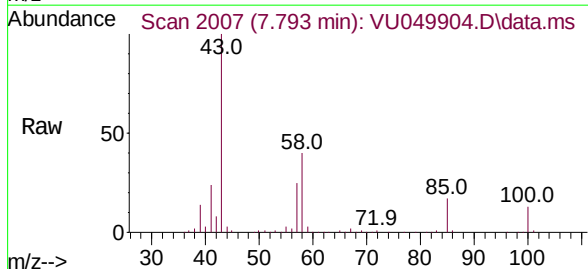


Abundance Scan 2007 (7.793 min): VU049880.D\data.ms (-1934)

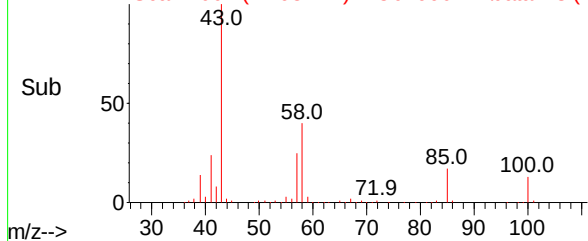


4-Methyl-2-pentanone
Concen: 56.568 ug/L
RT: 7.793 min Scan# 2007
Delta R.T. -0.000 min
Lab File: VU049904.D
Acq: 26 Jul 2022 07:09

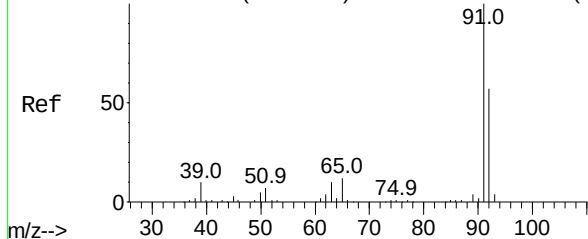
Tgt Ion: 43 Resp: 292706
Ion Ratio Lower Upper
43 100
58 39.6 31.0 46.4
100 12.9 10.4 15.6



Abundance Scan 2007 (7.793 min): VU049904.D\data.ms (-1914) (-)



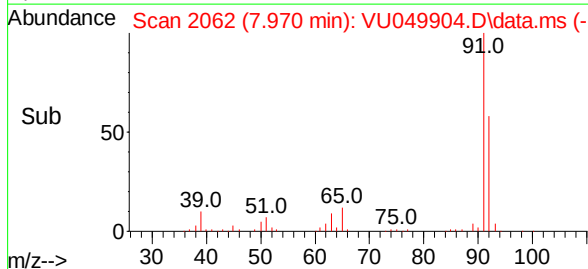
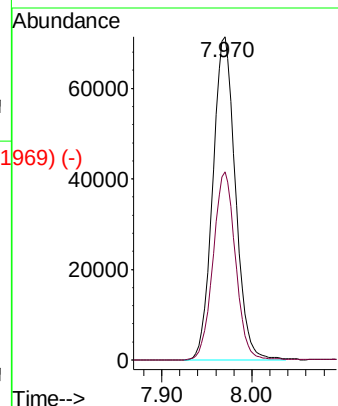
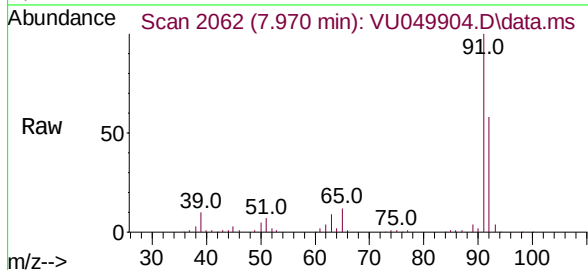
Abundance Scan 2062 (7.970 min): VU049880.D\data.ms (-2042-)



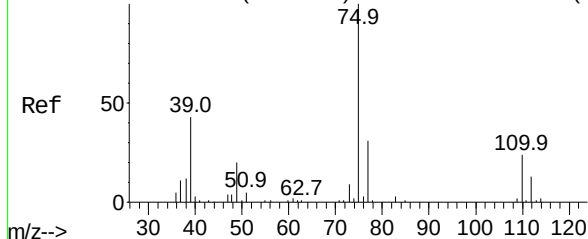
Toluene
Concen: 4.806 ug/L
RT: 7.970 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU049904.D
Acq: 26 Jul 2022 07:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD005130

Tgt Ion: 91 Resp: 125112
Ion Ratio Lower Upper
91 100
92 58.2 39.5 73.4

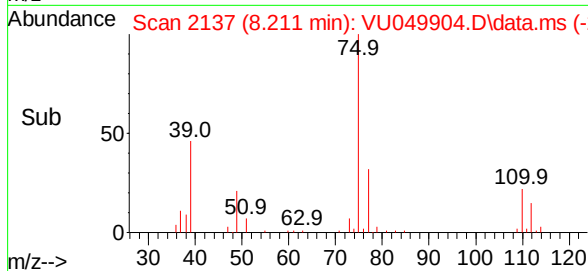
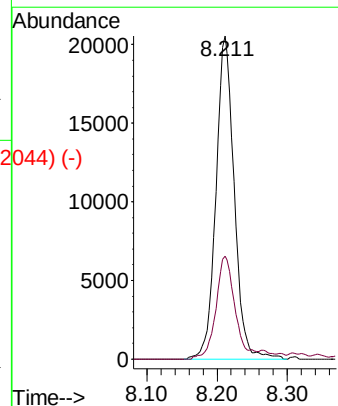
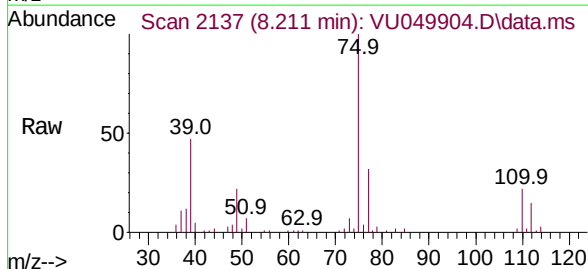


Abundance Scan 2137 (8.211 min): VU049880.D\data.ms (-2044-)

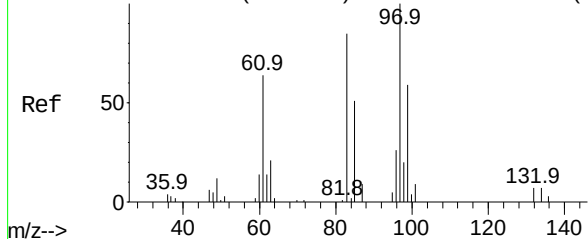


trans-1,3-Dichloropropene
Concen: 4.421 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU049904.D
Acq: 26 Jul 2022 07:09

Tgt Ion: 75 Resp: 37313
Ion Ratio Lower Upper
75 100
77 32.0 21.2 39.4



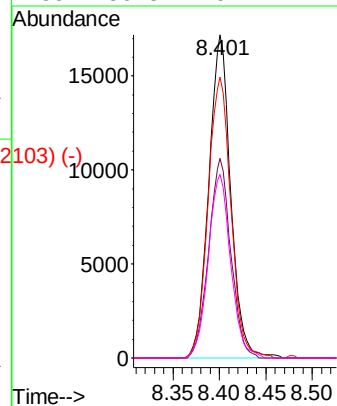
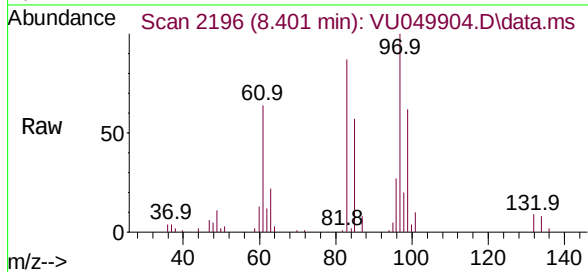
Abundance Scan 2196 (8.401 min): VU049880.D\data.ms (-2105) (-)



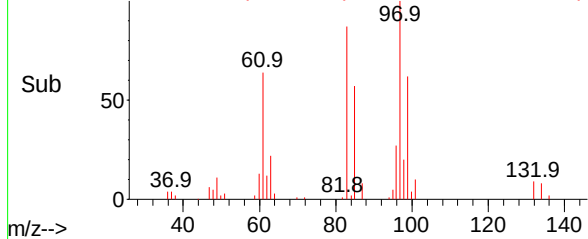
1,1,2-Trichloroethane
Concen: 5.312 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU049904.D
Acq: 26 Jul 2022 07:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD005130

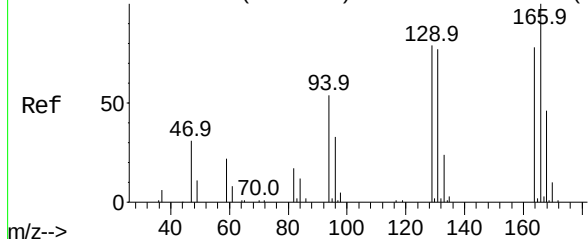
Tgt Ion:	97	Resp:	28123
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.8	81.3
83	86.9	62.4	115.8
85	56.8	40.2	74.6



Abundance Scan 2196 (8.401 min): VU049904.D\data.ms (-2103) (-)

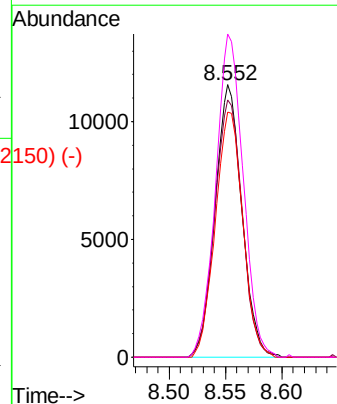
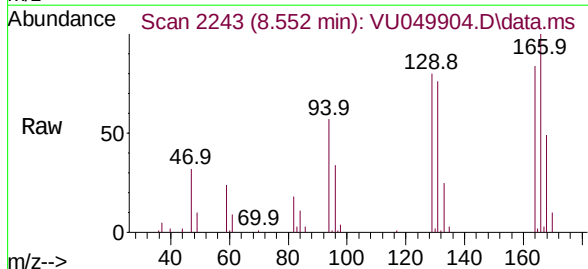


Abundance Scan 2243 (8.552 min): VU049880.D\data.ms (-2239) (-)

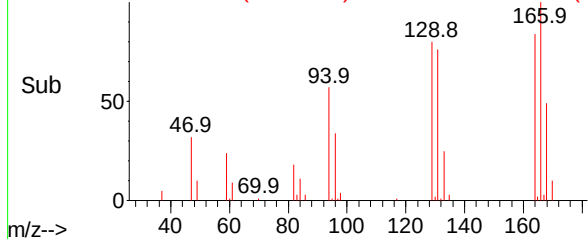


Tetrachloroethene
Concen: 4.385 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049904.D
Acq: 26 Jul 2022 07:09

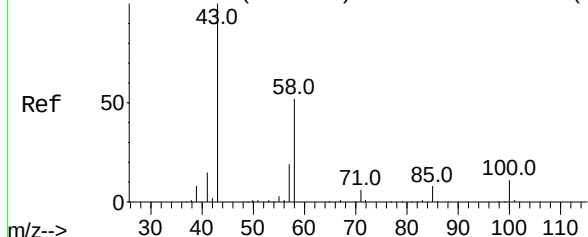
Tgt Ion:	164	Resp:	19051
Ion	Ratio	Lower	Upper
164	100		
129	94.5	68.9	127.9
131	89.9	67.5	125.4
166	118.7	89.2	165.8



Abundance Scan 2243 (8.552 min): VU049904.D\data.ms (-2150) (-)



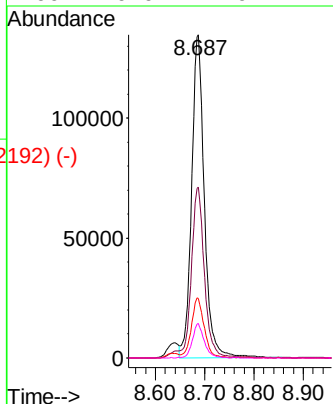
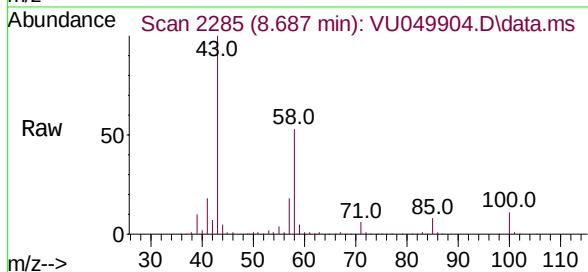
Abundance Scan 2285 (8.687 min): VU049880.D\data.ms (-22749-)



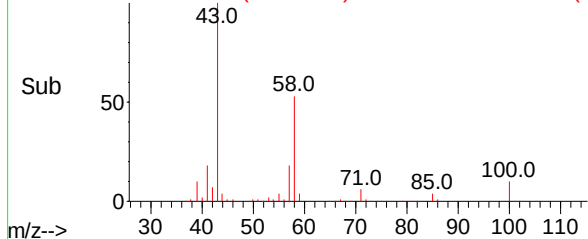
2-Hexanone
Concen: 63.146 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VU049904.D
Acq: 26 Jul 2022 07:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD005130

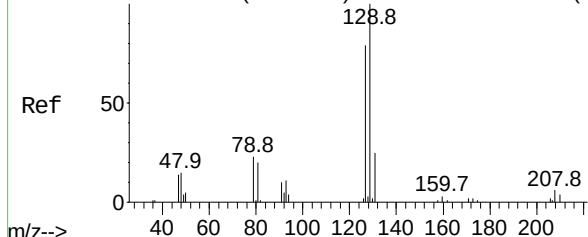
Tgt Ion:	43	Resp:	243870
Ion	Ratio	Lower	Upper
43	100		
58	55.5	42.1	63.1
57	18.8	14.3	21.5
100	10.0	7.9	11.9



Abundance Scan 2285 (8.687 min): VU049904.D\data.ms (-2192-)

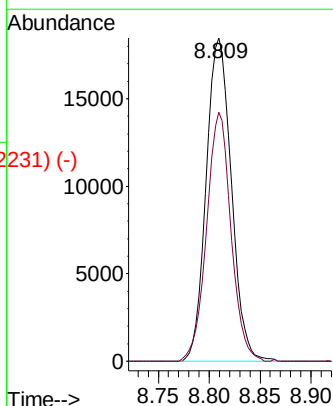
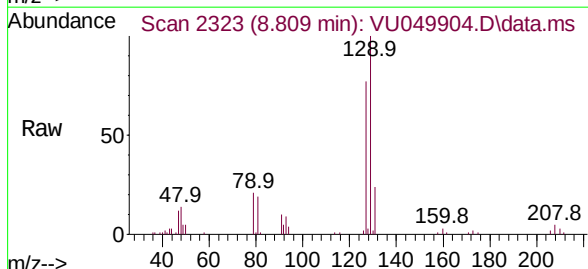


Abundance Scan 2324 (8.812 min): VU049880.D\data.ms (-23109-)

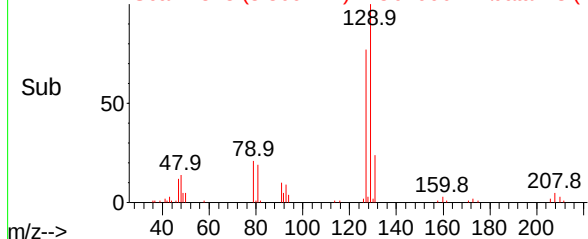


Dibromochloromethane
Concen: 5.365 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU049904.D
Acq: 26 Jul 2022 07:09

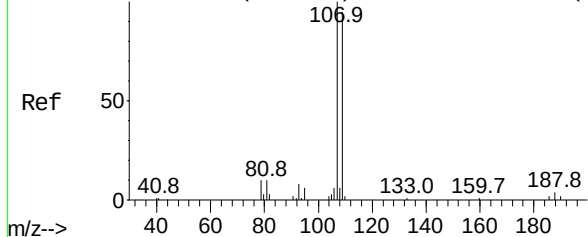
Tgt Ion:	129	Resp:	31748
Ion	Ratio	Lower	Upper
129	100		
127	77.1	50.5	93.7



Abundance Scan 2323 (8.809 min): VU049904.D\data.ms (-2231-)



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



1,2-Dibromoethane

Concen: 5.491 ug/L

RT: 8.922 min Scan# 2359

Delta R.T. -0.003 min

Lab File: VU049904.D

Acq: 26 Jul 2022 07:09

Instrument :

MSVOA_U

ClientSampleId :

VSTD005130

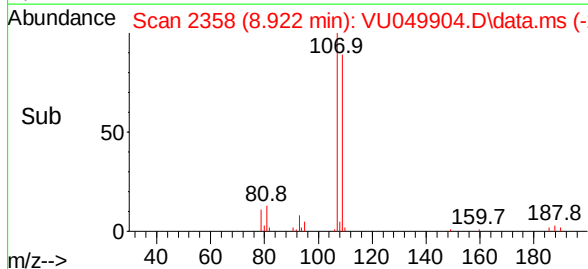
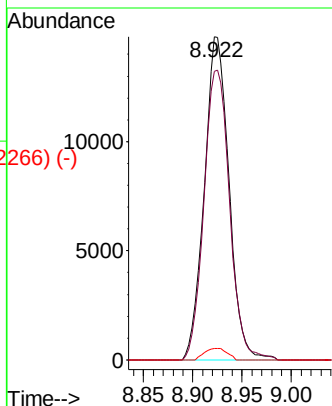
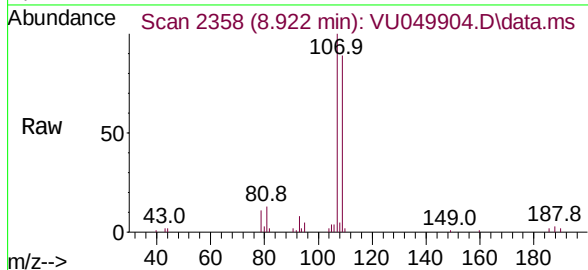
Tgt Ion:107 Resp: 25819

Ion Ratio Lower Upper

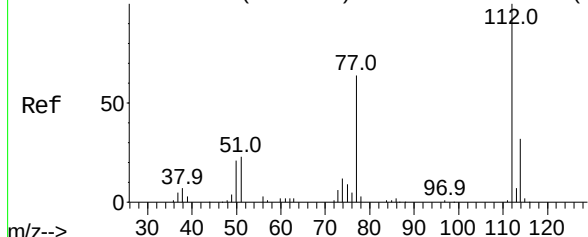
107 100

109 89.3 65.6 121.8

188 3.5 2.8 4.2



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



Chlorobenzene

Concen: 4.662 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU049904.D

Acq: 26 Jul 2022 07:09

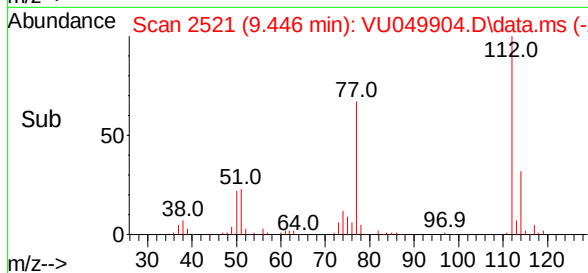
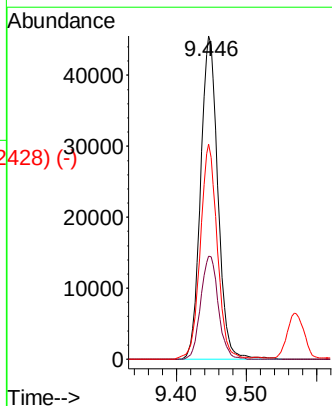
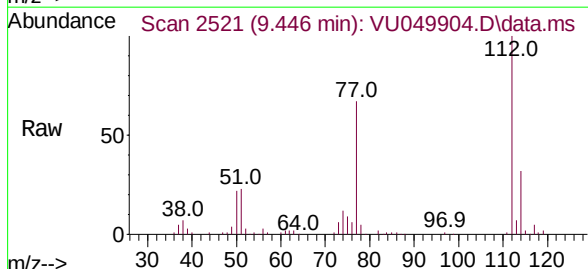
Tgt Ion:112 Resp: 77048

Ion Ratio Lower Upper

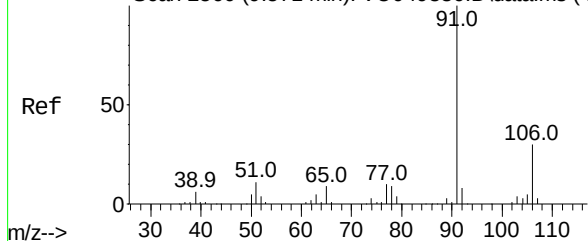
112 100

114 31.9 22.4 41.6

77 66.6 51.2 76.8



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



Ethylbenzene

Concen: 4.273 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU049904.D

Acq: 26 Jul 2022 07:09

Instrument :

MSVOA_U

ClientSampleId :

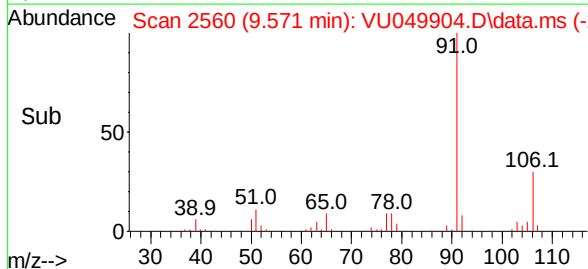
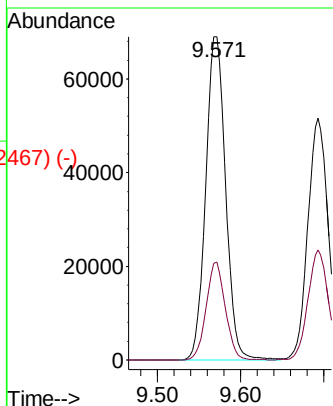
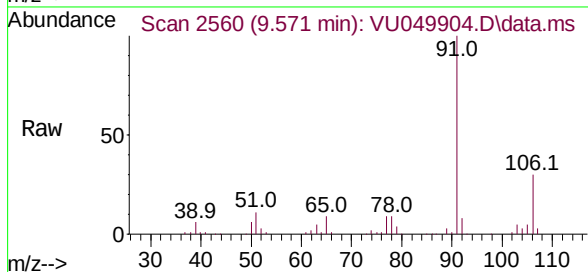
VSTD005130

Tgt Ion: 91 Resp: 114384

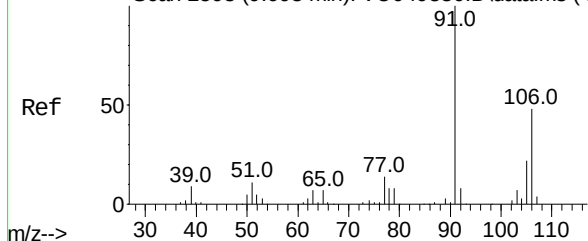
Ion Ratio Lower Upper

91 100

106 30.3 20.6 38.4



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



m,p-Xylene

Concen: 4.080 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU049904.D

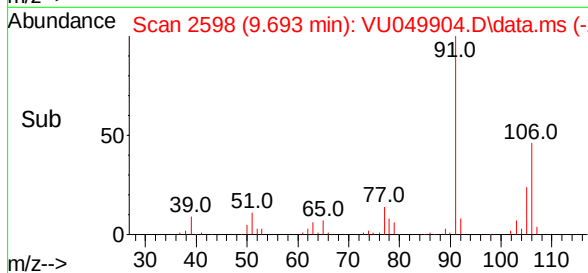
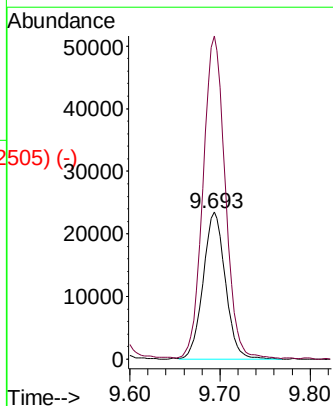
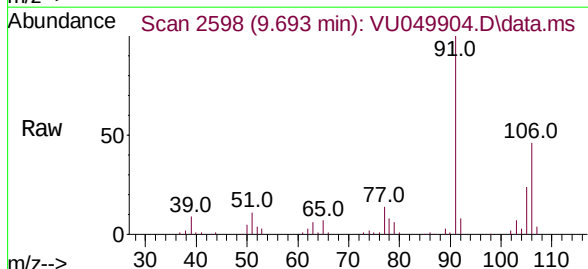
Acq: 26 Jul 2022 07:09

Tgt Ion:106 Resp: 40179

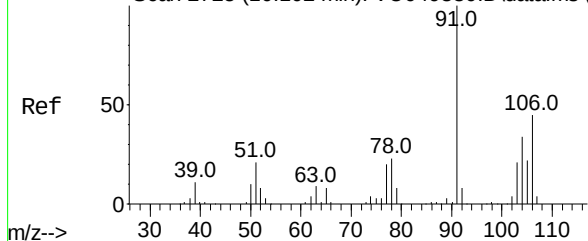
Ion Ratio Lower Upper

106 100

91 219.7 149.7 277.9



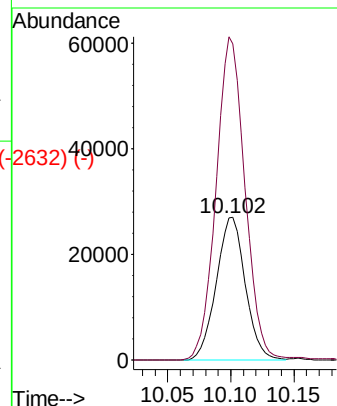
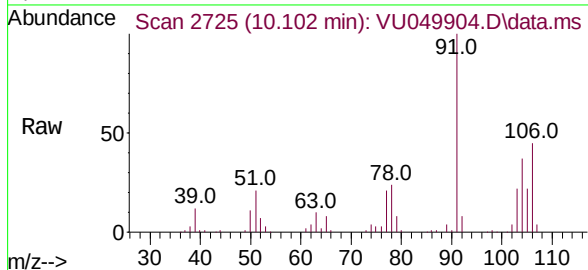
Abundance Scan 2725 (10.102 min): VU049880.D\data.ms (-2754) (-)



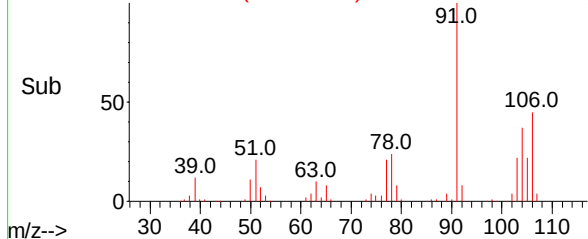
o-Xylene
Concen: 4.433 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU049904.D
Acq: 26 Jul 2022 07:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD005130

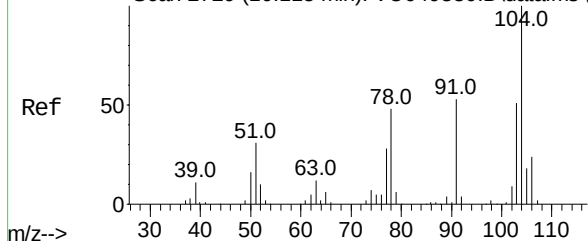
Tgt Ion:106 Resp: 43135
Ion Ratio Lower Upper
106 100
91 221.6 159.4 296.0



Abundance Scan 2725 (10.102 min): VU049904.D\data.ms (-2632) (-)

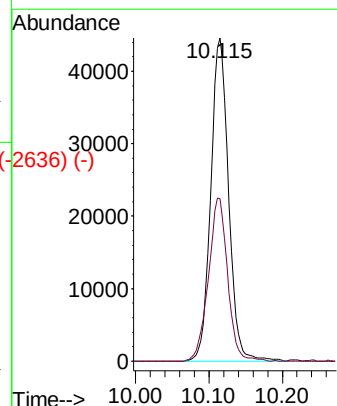
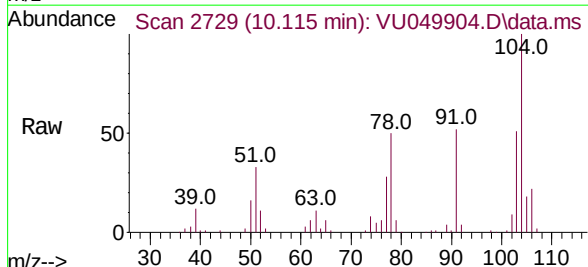


Abundance Scan 2729 (10.115 min): VU049880.D\data.ms (-2755) (-)

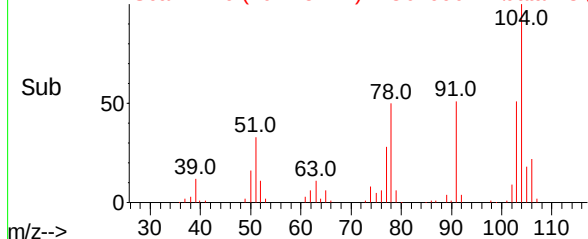


Styrene
Concen: 4.557 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049904.D
Acq: 26 Jul 2022 07:09

Tgt Ion:104 Resp: 75113
Ion Ratio Lower Upper
104 100
78 50.3 35.1 65.3



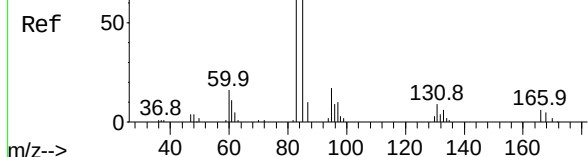
Abundance Scan 2729 (10.115 min): VU049904.D\data.ms (-2636) (-)



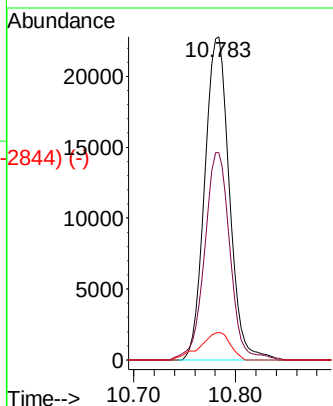
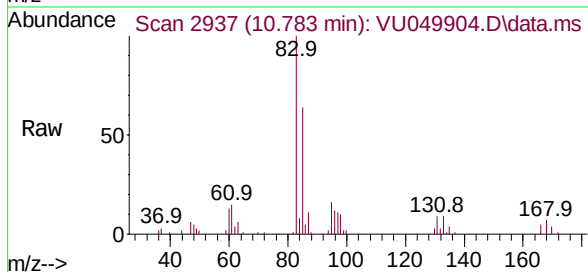
Abundance Scan 2937 (10.783 min): VU049880.D\data.ms (-2937) (-)

1,1,2,2-Tetrachloroethane
Concen: 5.578 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU049904.D
Acq: 26 Jul 2022 07:09

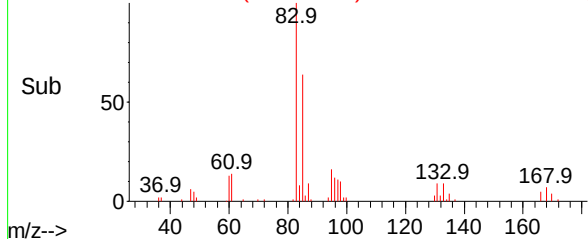
Instrument :
MSVOA_U
ClientSampleId :
VSTD005130



Tgt Ion:	83	Resp:	38146
Ion	Ratio	Lower	Upper
83	100		
85	64.2	47.9	89.1
131	8.5	7.3	10.9



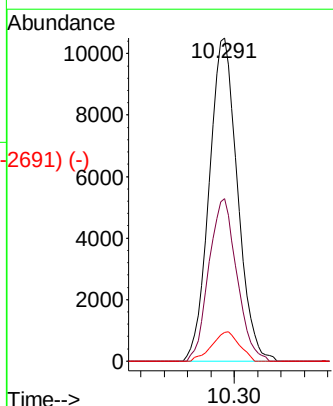
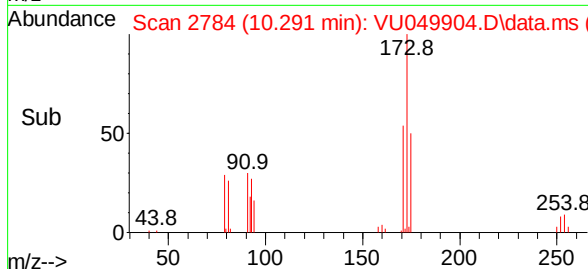
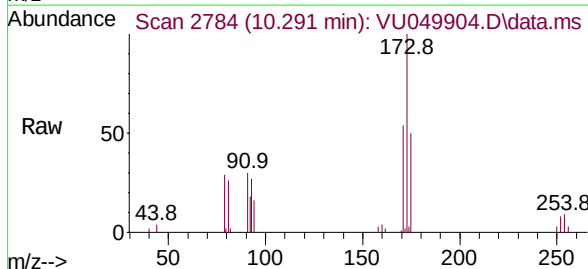
Abundance Scan 2937 (10.783 min): VU049904.D\data.ms (-2844) (-)



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

Bromoform
Concen: 5.973 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU049904.D
Acq: 26 Jul 2022 07:09

Tgt Ion:	173	Resp:	17610
Ion	Ratio	Lower	Upper
173	100		
175	49.7	39.5	59.3
254	8.8	7.5	11.3

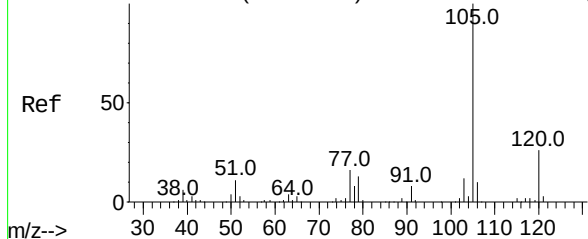


Abundance Scan 2784 (10.291 min): VU049904.D\data.ms (-2691) (-)

Sub

m/z-->

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



Isopropylbenzene

Concen: 4.594 ug/L

RT: 10.484 min Scan# 2844

Delta R.T. -0.000 min

Lab File: VU049904.D

Acq: 26 Jul 2022 07:09

Instrument :

MSVOA_U

ClientSampleId :

VSTD005130

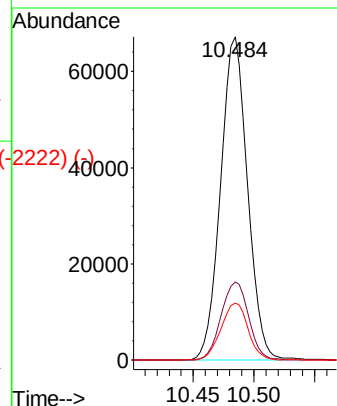
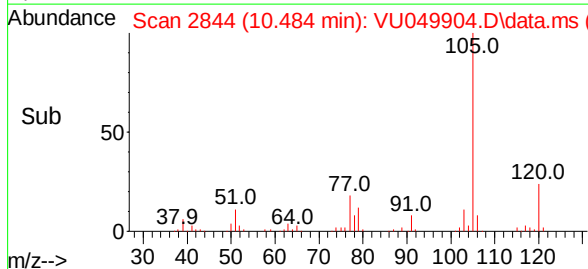
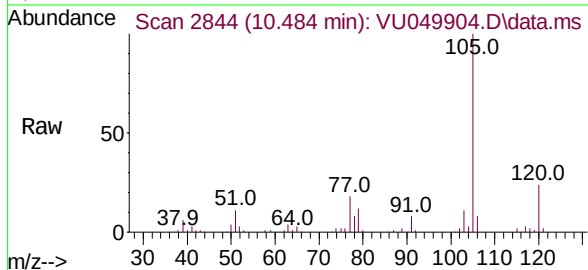
Tgt Ion:105 Resp: 102944

Ion Ratio Lower Upper

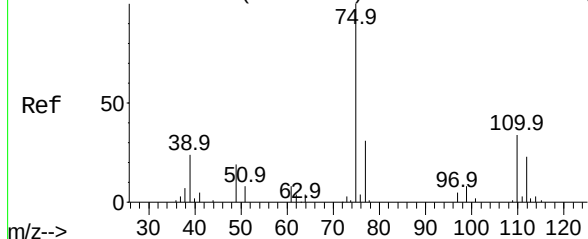
105 100

120 24.6 20.4 30.6

77 17.6 13.8 20.8



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



1,2,3-Trichloropropane

Concen: 6.027 ug/L

RT: 10.822 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU049904.D

Acq: 26 Jul 2022 07:09

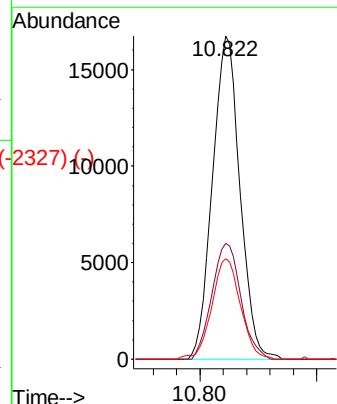
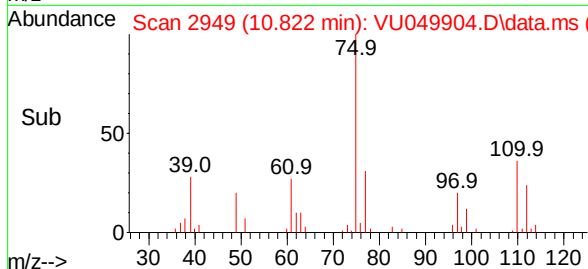
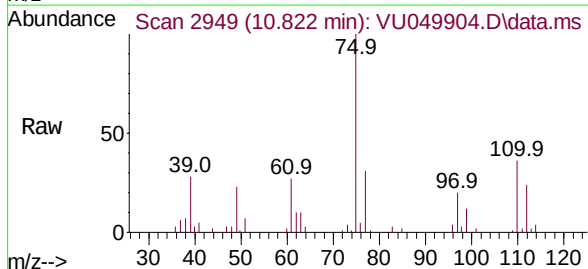
Tgt Ion: 75 Resp: 27197

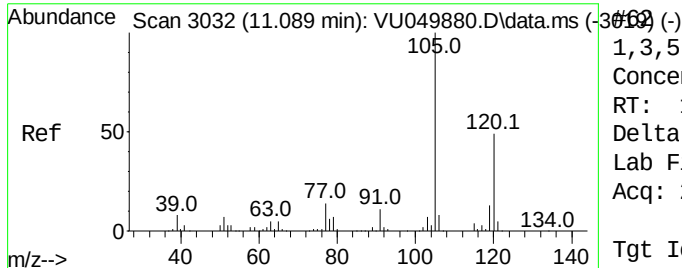
Ion Ratio Lower Upper

75 100

110 37.8 28.0 42.0

77 32.4 25.4 38.2

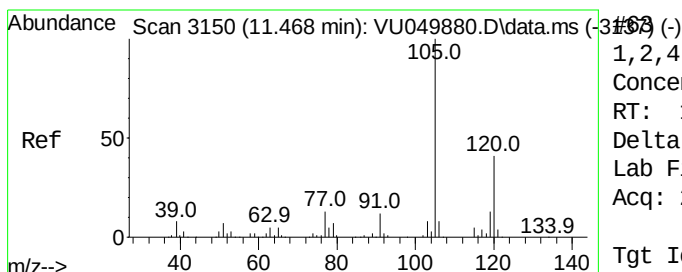
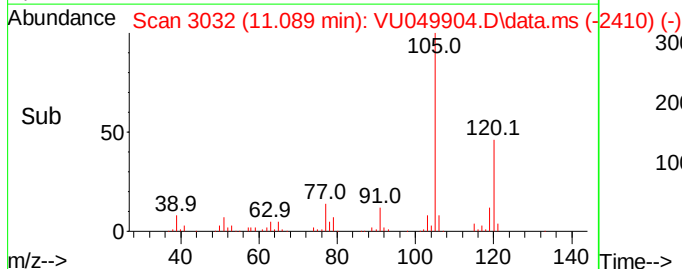
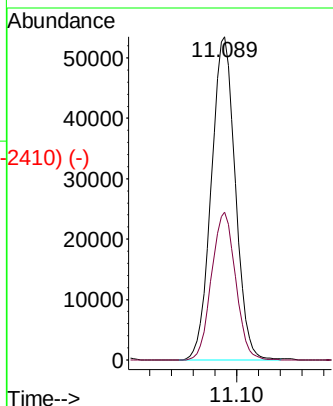
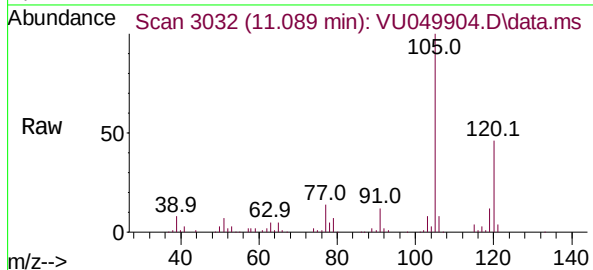




1,3,5-Trimethylbenzene
Concen: 4.315 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU049904.D
Acq: 26 Jul 2022 07:09

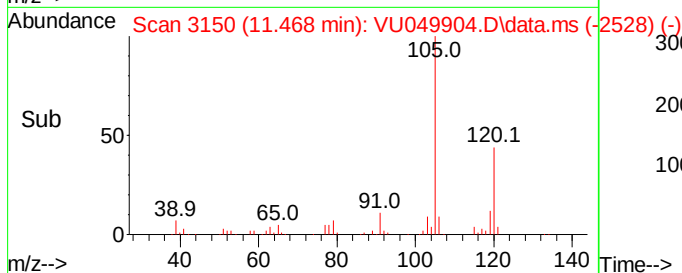
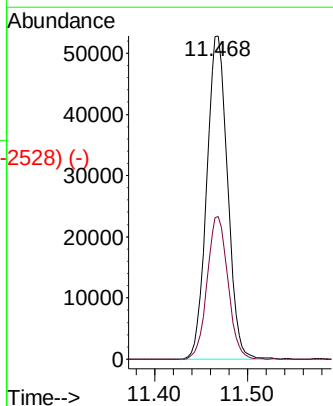
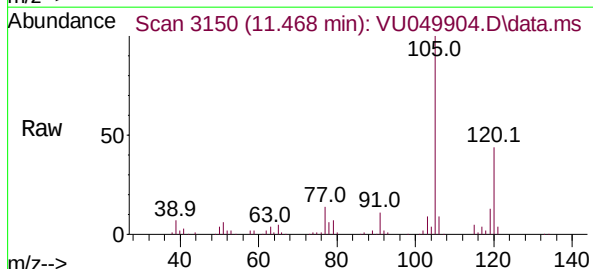
Instrument :
MSVOA_U
ClientSampleId :
VSTD005130

Tgt Ion:105 Resp: 81704
Ion Ratio Lower Upper
105 100
120 45.8 38.0 57.0



1,2,4-Trimethylbenzene
Concen: 4.471 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU049904.D
Acq: 26 Jul 2022 07:09

Tgt Ion:105 Resp: 82169
Ion Ratio Lower Upper
105 100
120 43.9 34.2 51.4



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

1,3-Dichlorobenzene

Concen: 4.694 ug/L

RT: 11.745 min Scan# 3236

Delta R.T. -0.000 min

Lab File: VU049904.D

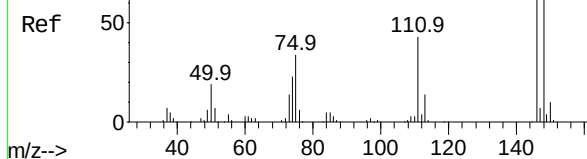
Acq: 26 Jul 2022 07:09

Instrument :

MSVOA_U

ClientSampleId :

VSTD005130



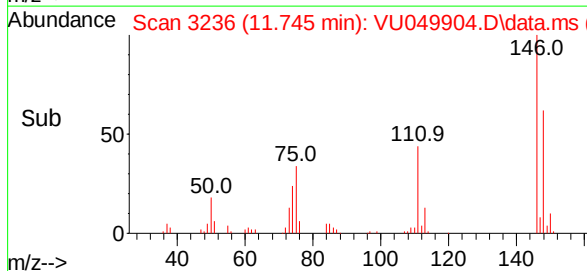
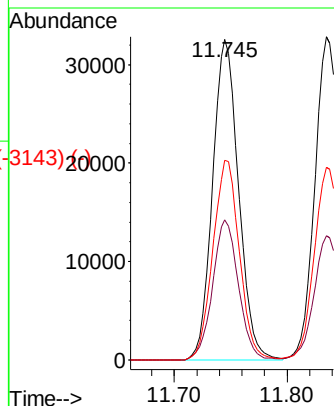
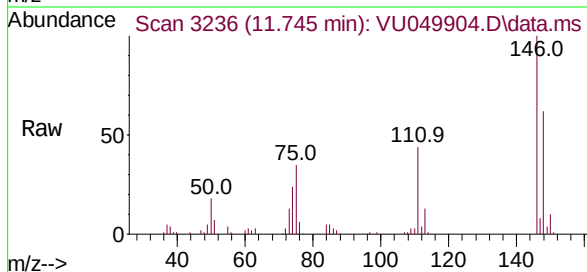
Tgt Ion:146 Resp: 52009

Ion Ratio Lower Upper

146 100

111 43.7 30.0 55.8

148 62.1 44.2 82.2



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

1,4-Dichlorobenzene

Concen: 4.755 ug/L

RT: 11.835 min Scan# 3264

Delta R.T. -0.003 min

Lab File: VU049904.D

Acq: 26 Jul 2022 07:09

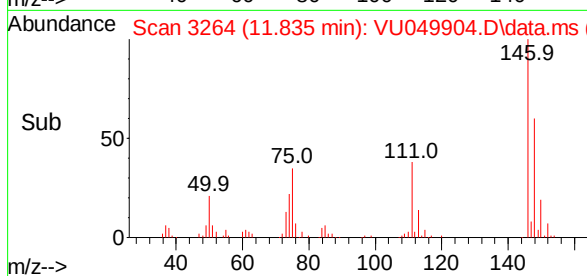
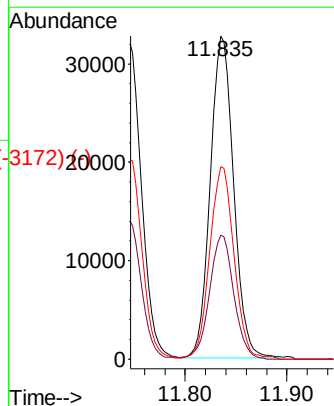
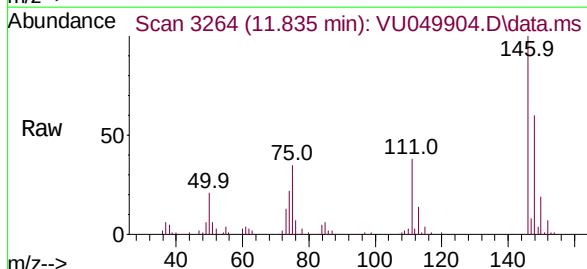
Tgt Ion:146 Resp: 52123

Ion Ratio Lower Upper

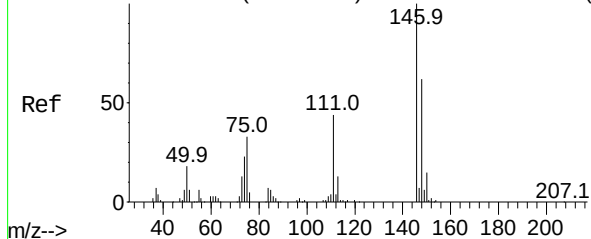
146 100

111 38.4 29.5 54.7

148 59.6 44.1 81.9



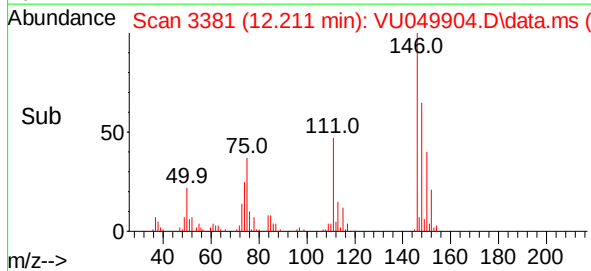
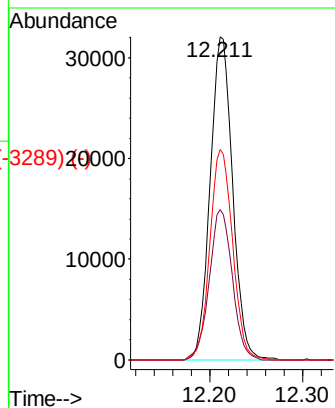
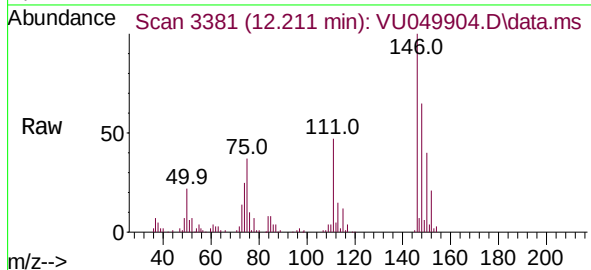
Abundance Scan 3382 (12.214 min): VU049880.D\data.ms (-3367) (-)



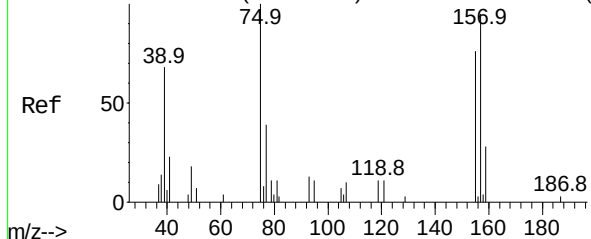
1,2-Dichlorobenzene
Concen: 4.914 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU049904.D
Acq: 26 Jul 2022 07:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD005130

Tgt Ion:	146	Resp:	53781
Ion	Ratio	Lower	Upper
146	100		
111	46.6	35.8	53.8
148	65.2	50.3	75.5

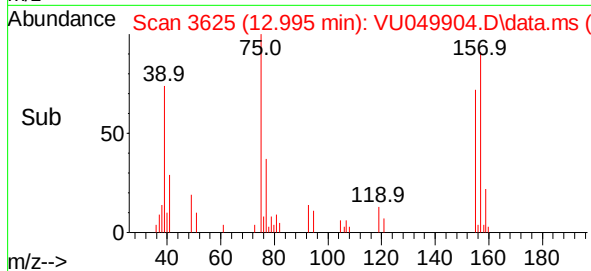
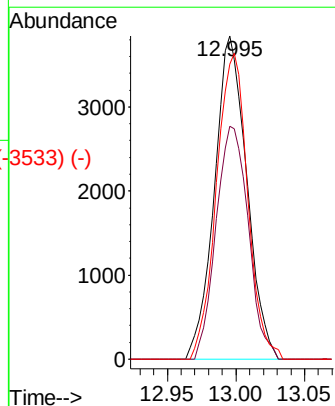
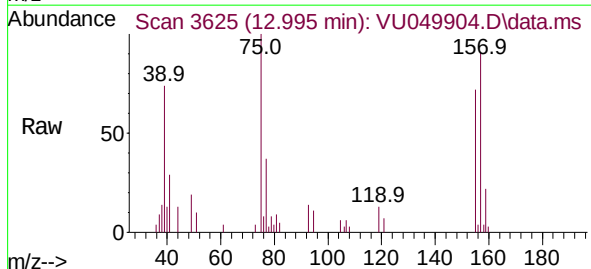


Abundance Scan 3626 (12.999 min): VU049880.D\data.ms (-3608) (-)



1,2-Dibromo-3-chloropropane
Concen: 6.211 ug/L
RT: 12.995 min Scan# 3625
Delta R.T. -0.003 min
Lab File: VU049904.D
Acq: 26 Jul 2022 07:09

Tgt Ion:	75	Resp:	6270
Ion	Ratio	Lower	Upper
75	100		
155	72.0	60.4	90.6
157	91.3	70.0	105.0



Abundance Scan 3695 (13.221 min): VU049880.D\data.ms (-3669) (-)

1,3,5-Trichlorobenzene

Concen: 4.441 ug/L

RT: 13.217 min Scan# 3695

Delta R.T. -0.003 min

Lab File: VU049904.D

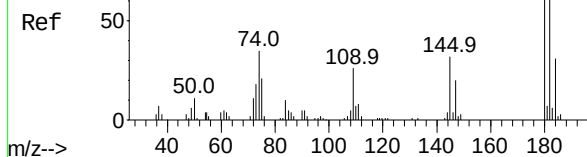
Acq: 26 Jul 2022 07:09

Instrument :

MSVOA_U

ClientSampleId :

VSTD005130



Tgt Ion:180 Resp: 36322

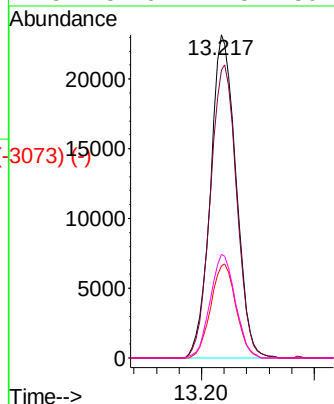
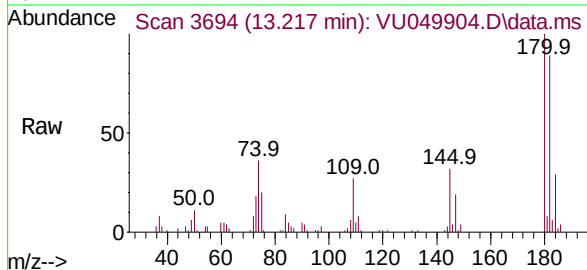
Ion Ratio Lower Upper

180 100

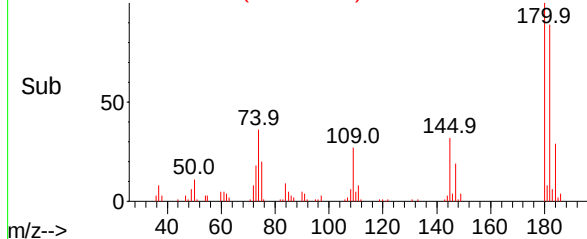
182 93.6 77.2 115.8

184 28.7 25.3 37.9

145 31.6 24.5 36.7



Abundance Scan 3694 (13.217 min): VU049904.D\data.ms (-3073) (-)



Abundance Scan 3888 (13.841 min): VU049880.D\data.ms (-3676) (-)

1,2,4-trichlorobenzene

Concen: 4.602 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU049904.D

Acq: 26 Jul 2022 07:09

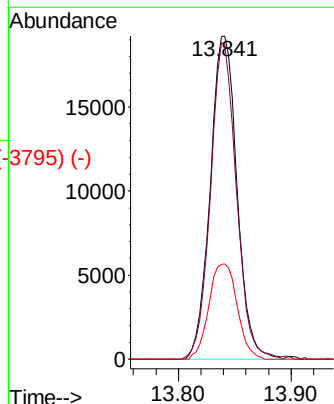
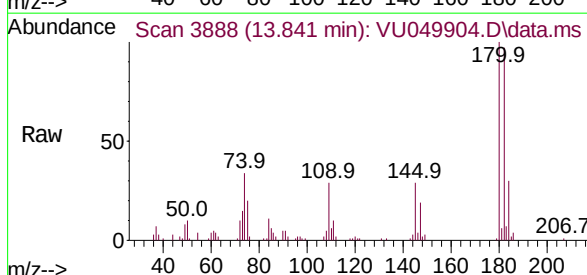
Tgt Ion:180 Resp: 31607

Ion Ratio Lower Upper

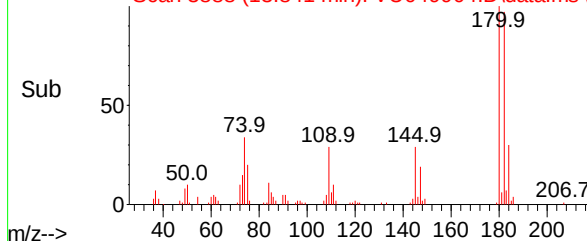
180 100

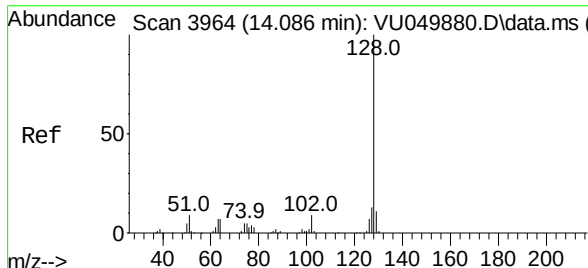
182 94.9 77.0 115.4

145 31.1 26.1 39.1



Abundance Scan 3888 (13.841 min): VU049904.D\data.ms (-3795) (-)

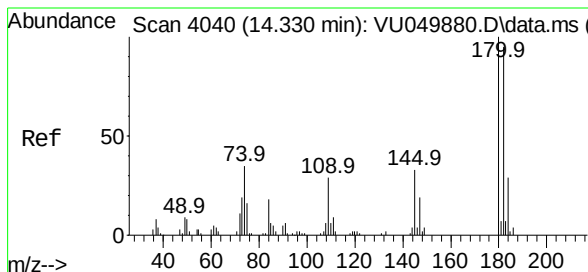
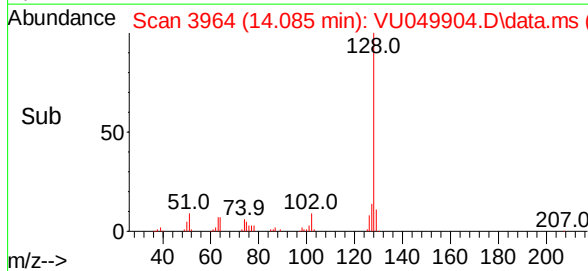
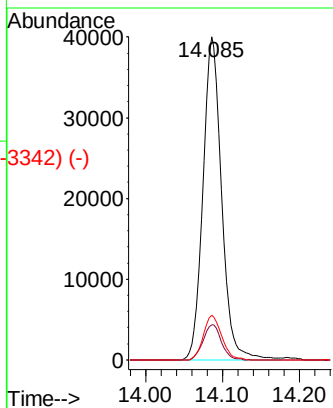
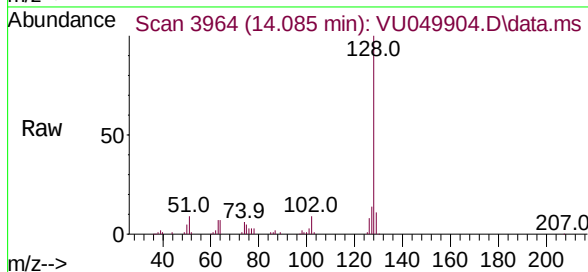




Scan 3964 (14.086 min): VU049880.D\data.ms (-3971) (-)
 Naphthalene
 Concen: 5.034 ug/L
 RT: 14.085 min Scan# 3971
 Delta R.T. -0.000 min
 Lab File: VU049904.D
 Acq: 26 Jul 2022 07:09

Instrument : MSVOA_U
 ClientSampleId : VSTD005130

Tgt Ion:	128	Resp:	67398
Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.2	12.4
127	13.5	11.1	16.7



Scan 4040 (14.330 min): VU049880.D\data.ms (-4079) (-)
 1,2,3-Trichlorobenzene
 Concen: 4.860 ug/L
 RT: 14.330 min Scan# 4040
 Delta R.T. -0.000 min
 Lab File: VU049904.D
 Acq: 26 Jul 2022 07:09

Tgt Ion:	180	Resp:	32081
Ion	Ratio	Lower	Upper
180	100		
182	95.8	73.9	110.9
145	33.9	27.8	41.6

