

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080822\
 Data File : VV027242.D
 Acq On : 08 Aug 2022 11:33
 Operator : SY/MD
 Sample : N4008-07ME
 Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0ZFM1ME

Quant Time: Aug 09 02:30:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 09 02:29:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	374812	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	411318	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	243349	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	169992	66.523	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	133.040%	
7) Chloroethane-d5	1.529	69	75890	40.623	ug/L	-0.03
Spiked Amount 50.000	Range 70	- 130	Recovery	=	81.240%	
11) 1,1-Dichloroethene-d2	2.066	63	222319	47.563	ug/L	-0.04
Spiked Amount 50.000	Range 60	- 125	Recovery	=	95.120%	
21) 2-Butanone-d5	3.880	46	244082	107.307	ug/L	0.02
Spiked Amount 100.000	Range 40	- 130	Recovery	=	107.310%	
24) Chloroform-d	4.330	84	316834	60.529	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	121.060%	
26) 1,2-Dichloroethane-d4	5.015	65	209759	64.543	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	129.080%#	
32) Benzene-d6	5.031	84	623886	63.251	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	126.500%#	
36) 1,2-Dichloropropane-d6	6.056	67	211165	60.184	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	120.360%#	
41) Toluene-d8	7.307	98	556068	66.139	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	132.280%#	
43) trans-1,3-Dichloroprop...	7.616	79	96691	63.223	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	126.440%#	
47) 2-Hexanone-d5	8.088	63	189983	112.421	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	112.420%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	341940	59.802	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	119.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	274900	65.415	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	130.820%#	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	1844	0.683	ug/L #	21
13) Acetone	2.172	43	6587	3.756	ug/L	82
22) 2-Butanone	3.982	43	19658	8.175	ug/L	82
34) Trichloroethene	5.905	95	12784	3.777	ug/L	99
35) Methylcyclohexane	6.114	83	27497	5.525	ug/L #	85
42) Toluene	7.384	91	29995	2.232	ug/L	100
44) trans-1,3-Dichloropropene	7.613	75	4471	0.928	ug/L #	79
46) Tetrachloroethene	7.969	164	13494	5.447	ug/L	96
48) 2-Hexanone	8.076	43	71693	17.040	ug/L #	36
52) Ethylbenzene	9.011	91	37001	2.668	ug/L	100
53) m,p-Xylene	9.133	106	183645	35.041	ug/L	93
54) o-Xylene	9.542	106	87177	17.074	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	69670	11.652	ug/L #	38
60) Isopropylbenzene	10.445	105	685029	44.669	ug/L	93
62) 1,3,5-Trimethylbenzene	10.538	105	519068	40.985	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	1282279	103.353	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.413	75	10088	6.436	ug/L #	18
71) Naphthalene	13.500	128	1776863	125.153	ug/L #	96

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ClientSampleId :
C0ZF1ME

Quant Time: Aug 09 02:30:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 09 02:29:12 2022
Response via : Initial Calibration

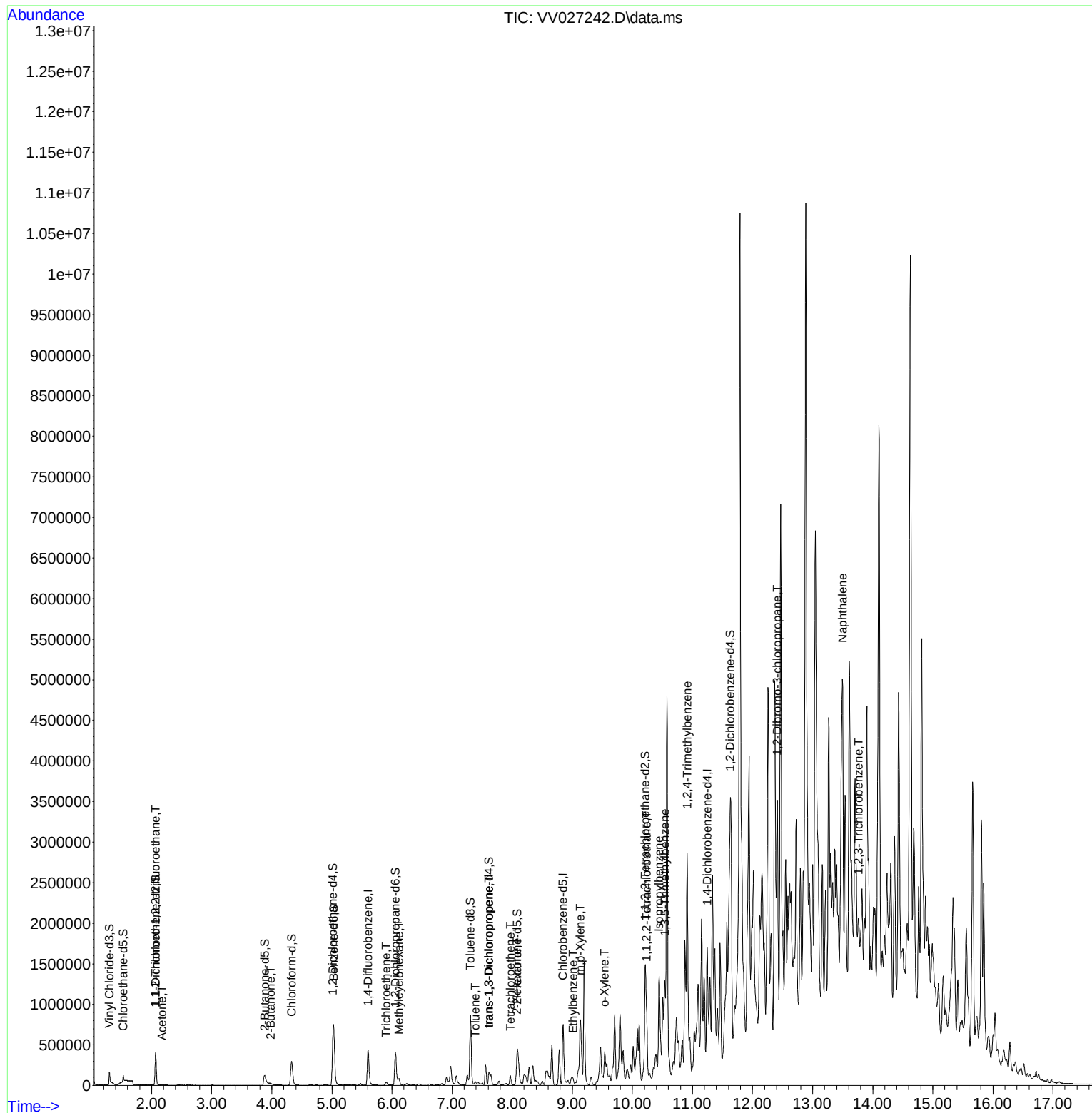
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 1,2,3-Trichlorobenzene	13.763	180	14103	3.069	ug/L #	1

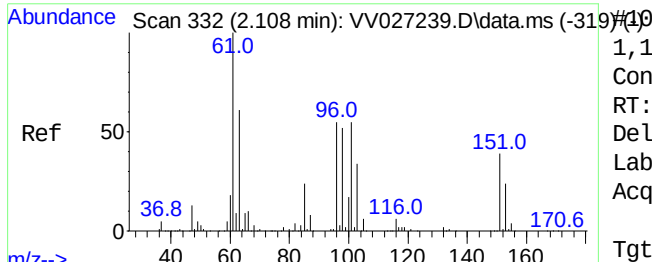
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080822\
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MSVOA_V
ClientSampleId :
COZF1ME

Quant Time: Aug 09 02:30:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 09 02:29:12 2022
Response via : Initial Calibration

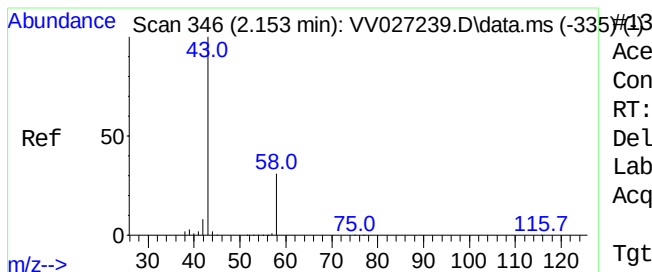
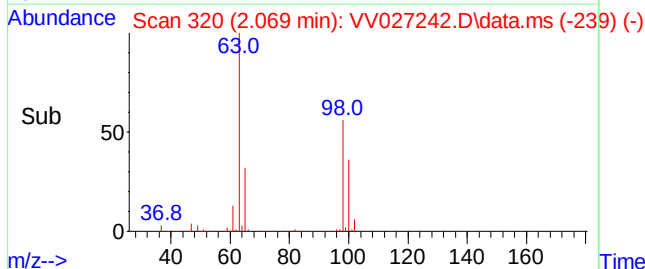
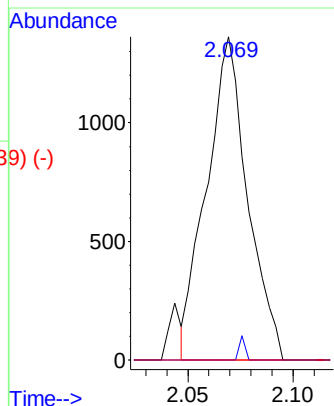
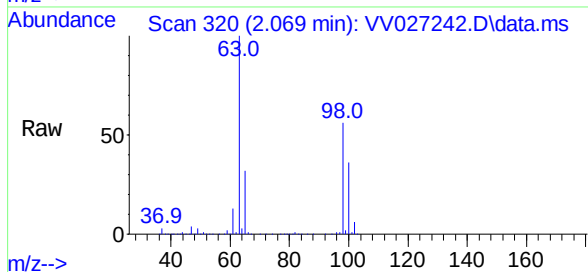




1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.683 ug/L
 RT: 2.069 min Scan# 352
 Delta R.T. -0.039 min
 Lab File: VV027242.D
 Acq: 08 Aug 2022 11:33

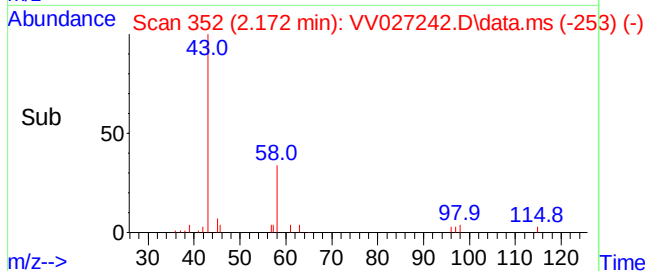
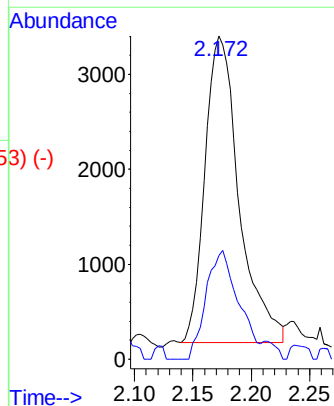
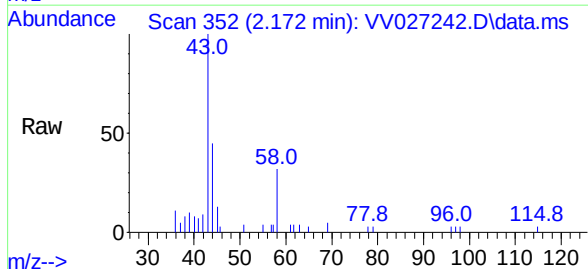
Instrument :
 MSVOA_V
 ClientSampleId :
 C0ZF1ME

Tgt Ion: 101 Resp: 1844
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.1 51.1#
 151 0.0 57.8 86.8#

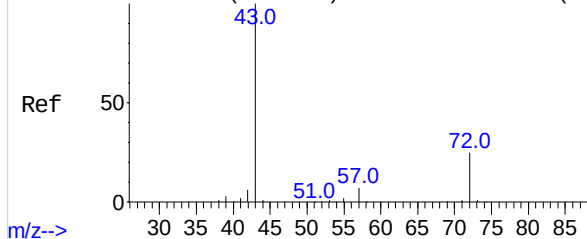


Acetone
 Concen: 3.756 ug/L
 RT: 2.172 min Scan# 352
 Delta R.T. 0.019 min
 Lab File: VV027242.D
 Acq: 08 Aug 2022 11:33

Tgt Ion: 43 Resp: 6587
 Ion Ratio Lower Upper
 43 100
 58 33.7 0.0 49.6



Abundance Scan 904 (3.947 min): VV027239.D\data.ms (-887) (-)



2-Butanone

Concen: 8.175 ug/L

RT: 3.982 min Scan# 915

Delta R.T. 0.035 min

Lab File: VV027242.D

Acq: 08 Aug 2022 11:33

Instrument :

MSVOA_V

ClientSampleId :

C0ZF1ME

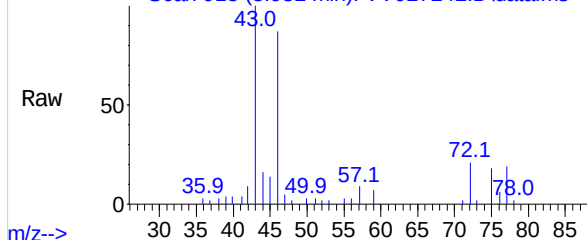
Tgt Ion: 43 Resp: 19658

Ion Ratio Lower Upper

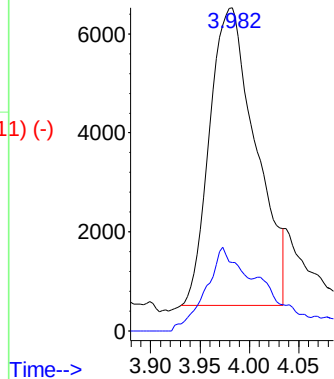
43 100

72 15.2 11.9 35.7

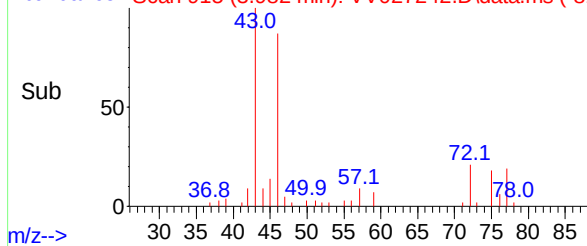
Abundance Scan 915 (3.982 min): VV027242.D\data.ms



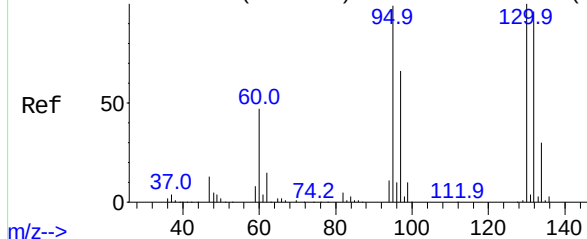
Abundance



Abundance Scan 915 (3.982 min): VV027242.D\data.ms (-811) (-)



Abundance Scan 1513 (5.905 min): VV027239.D\data.ms (-1500) (-)



Trichloroethene

Concen: 3.777 ug/L

RT: 5.905 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VV027242.D

Acq: 08 Aug 2022 11:33

Tgt Ion: 95 Resp: 12784

Ion Ratio Lower Upper

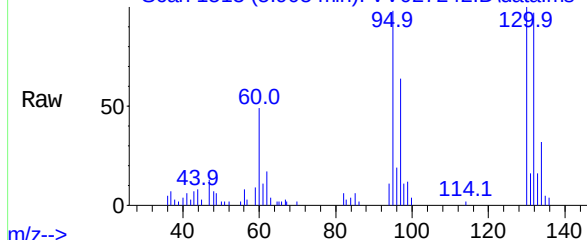
95 100

97 65.1 45.9 85.3

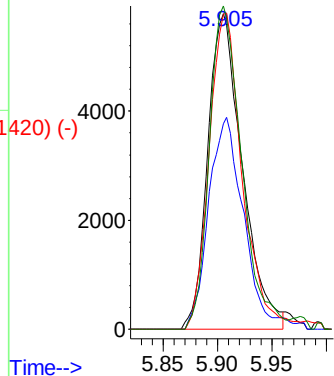
132 99.7 69.8 129.6

130 102.3 72.5 134.7

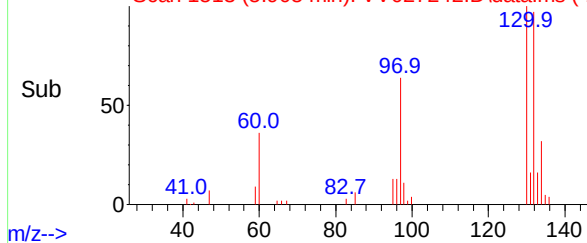
Abundance Scan 1513 (5.905 min): VV027242.D\data.ms



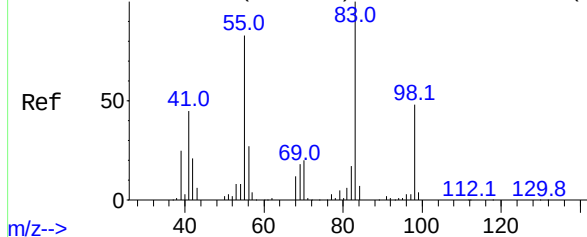
Abundance



Abundance Scan 1513 (5.905 min): VV027242.D\data.ms (-1420) (-)



Abundance Scan 1581 (6.124 min): VV027239.D\data.ms (-15695)



Methylcyclohexane

Concen: 5.525 ug/L

RT: 6.114 min Scan# 1581

Delta R.T. -0.010 min

Lab File: VV027242.D

Acq: 08 Aug 2022 11:33

Instrument :

MSVOA_V

ClientSampleId :

C0ZF1ME

Tgt Ion: 83 Resp: 27497

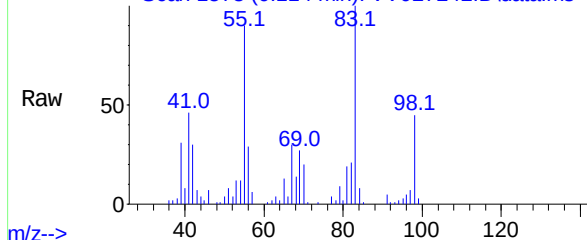
Ion Ratio Lower Upper

83 100

55 89.4 55.5 83.3#

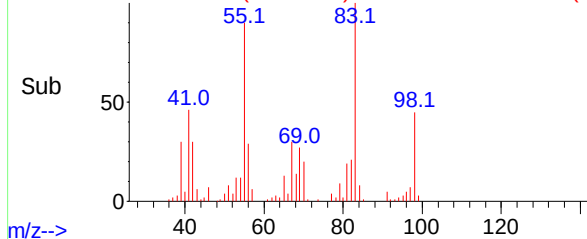
98 48.3 39.0 58.4

Abundance Scan 1578 (6.114 min): VV027242.D\data.ms

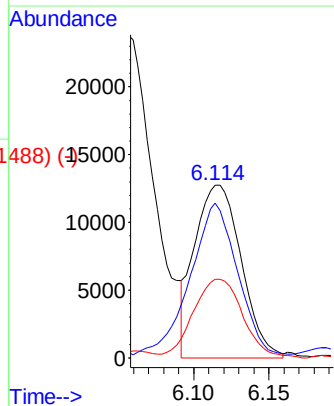


m/z-->

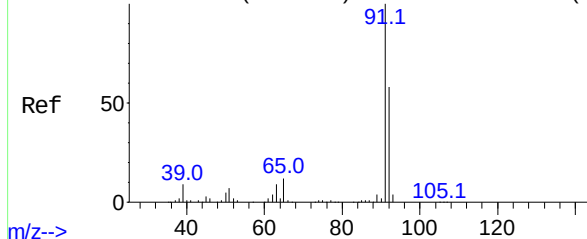
Abundance Scan 1578 (6.114 min): VV027242.D\data.ms (-1488) (-)



m/z-->



Abundance Scan 1972 (7.381 min): VV027239.D\data.ms (-19542)



Toluene

Concen: 2.232 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV027242.D

Acq: 08 Aug 2022 11:33

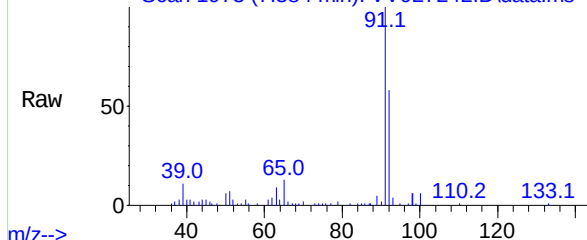
Tgt Ion: 91 Resp: 29995

Ion Ratio Lower Upper

91 100

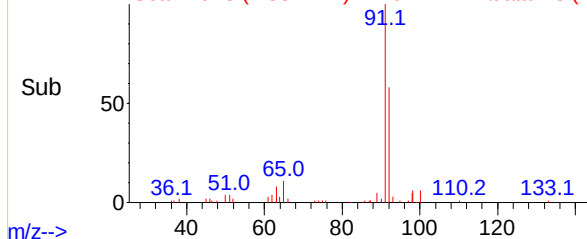
92 58.4 40.9 76.0

Abundance Scan 1973 (7.384 min): VV027242.D\data.ms

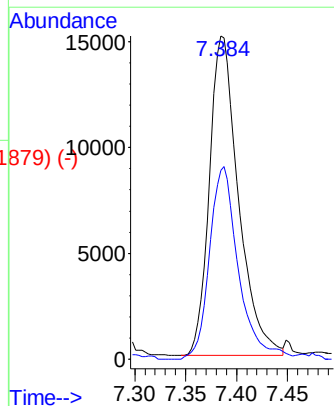


m/z-->

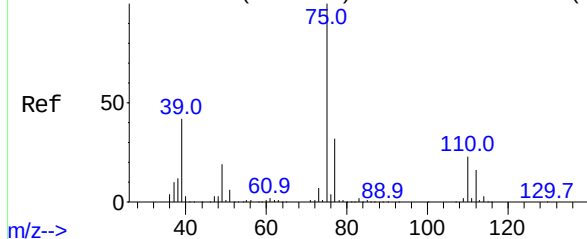
Abundance Scan 1973 (7.384 min): VV027242.D\data.ms (-1879) (-)



m/z-->



Abundance Scan 2054 (7.645 min): VV027239.D\data.ms (-20374)

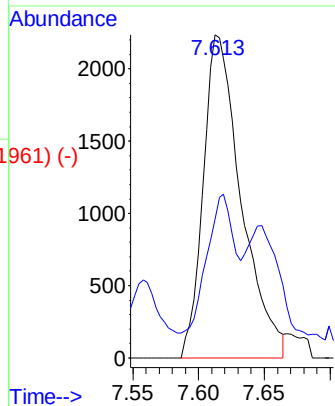
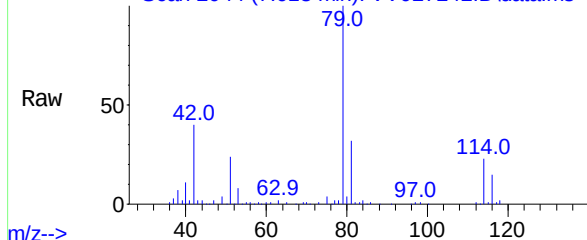


trans-1,3-Dichloropropene
Concen: 0.928 ug/L
RT: 7.613 min Scan# 2141
Delta R.T. -0.032 min
Lab File: VV027242.D
Acq: 08 Aug 2022 11:33

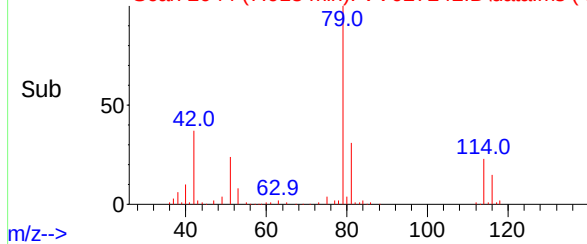
Instrument :
MSVOA_V
ClientSampleId :
C0ZF1ME

Tgt Ion: 75 Resp: 4471
Ion Ratio Lower Upper
75 100
77 43.0 22.0 41.0#

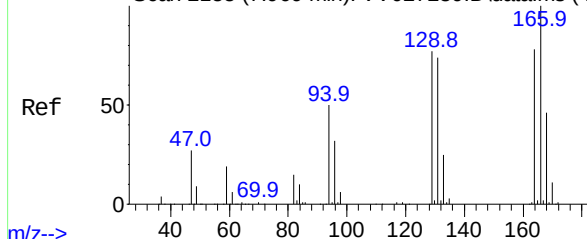
Abundance Scan 2044 (7.613 min): VV027242.D\data.ms



Abundance Scan 2044 (7.613 min): VV027242.D\data.ms (-1961) (-)



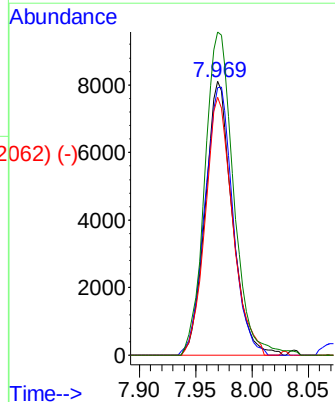
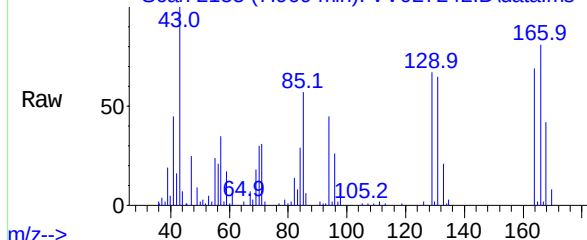
Abundance Scan 2155 (7.969 min): VV027239.D\data.ms (-21436)



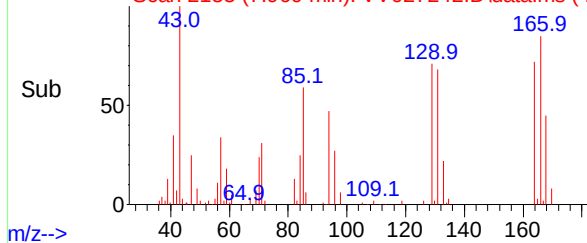
Tetrachloroethene
Concen: 5.447 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV027242.D
Acq: 08 Aug 2022 11:33

Tgt Ion:164 Resp: 13494
Ion Ratio Lower Upper
164 100
129 97.6 67.5 125.4
131 94.1 64.3 119.3
166 118.0 88.9 165.1

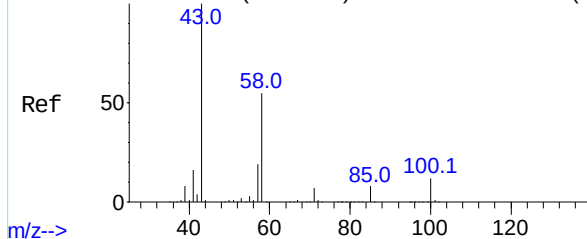
Abundance Scan 2155 (7.969 min): VV027242.D\data.ms



Abundance Scan 2155 (7.969 min): VV027242.D\data.ms (-2062) (-)



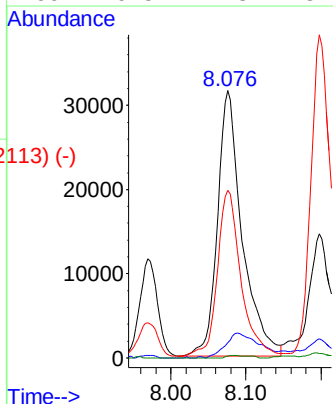
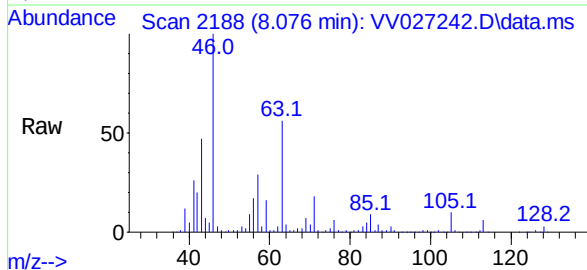
Abundance Scan 2206 (8.133 min): VV027239.D\data.ms (-2196)



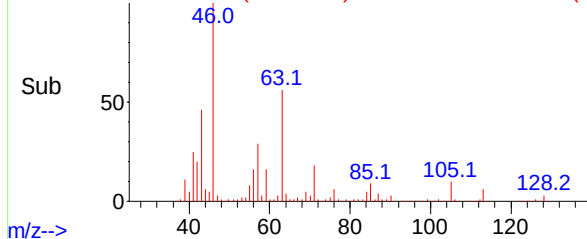
2-Hexanone
Concen: 17.040 ug/L
RT: 8.076 min Scan# 2188
Delta R.T. -0.058 min
Lab File: VV027242.D
Acq: 08 Aug 2022 11:33

Instrument :
MSVOA_V
ClientSampleId :
C0ZF1ME

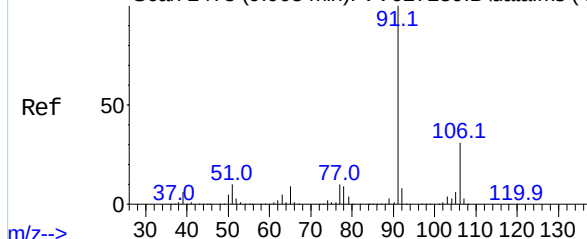
Tgt Ion:	43	Resp:	71693
Ion	Ratio	Lower	Upper
43	100		
58	12.5	50.8	76.2#
57	59.6	17.1	25.7#
100	0.5	12.3	18.5#



Abundance Scan 2188 (8.076 min): VV027242.D\data.ms (-2113) (-)

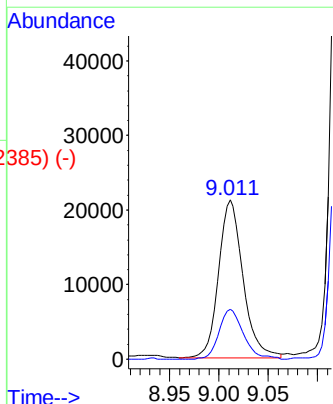
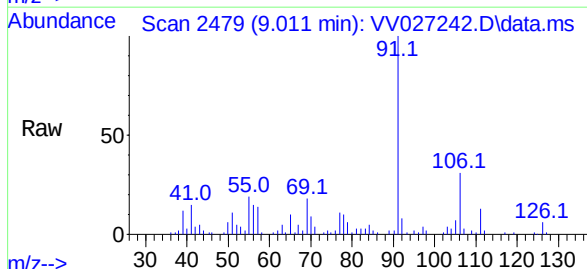


Abundance Scan 2478 (9.008 min): VV027239.D\data.ms (-2465)

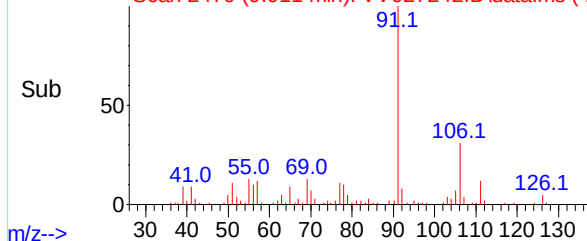


Ethylbenzene
Concen: 2.668 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV027242.D
Acq: 08 Aug 2022 11:33

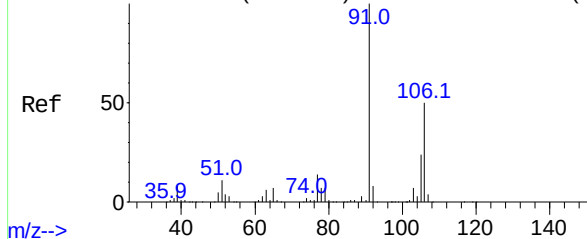
Tgt Ion:	91	Resp:	37001
Ion	Ratio	Lower	Upper
91	100		
106	31.2	21.8	40.6



Abundance Scan 2479 (9.011 min): VV027242.D\data.ms (-2385) (-)



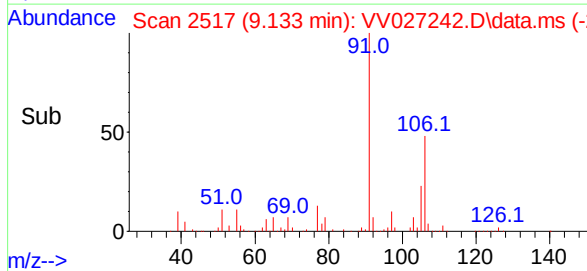
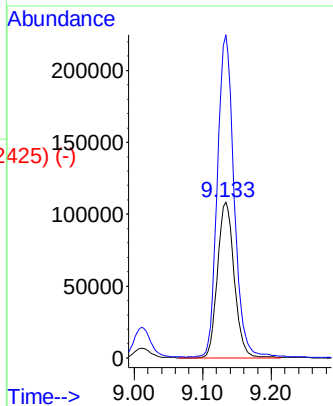
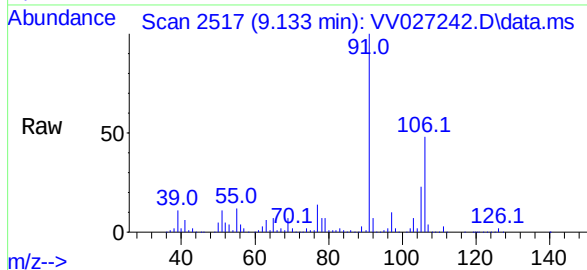
Abundance Scan 2518 (9.137 min): VV027239.D\data.ms (-25053-)



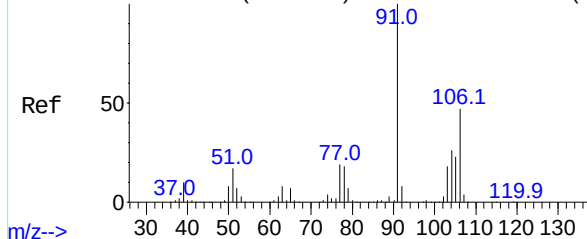
m,p-Xylene
Concen: 35.041 ug/L
RT: 9.133 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV027242.D
Acq: 08 Aug 2022 11:33

Instrument : MSVOA_V
ClientSampleId : COZF1ME

Tgt Ion:106 Resp: 183645
Ion Ratio Lower Upper
106 100
91 207.2 137.5 255.3

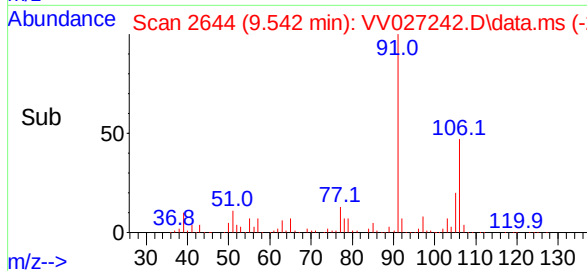
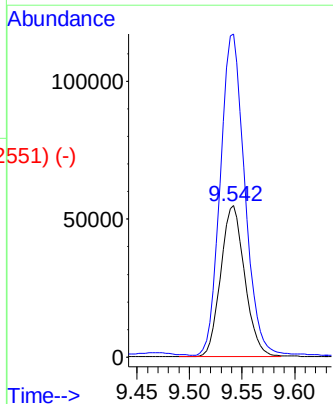
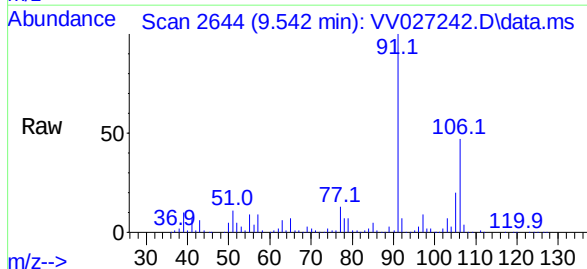


Abundance Scan 2644 (9.542 min): VV027239.D\data.ms (-26354-)



o-Xylene
Concen: 17.074 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027242.D
Acq: 08 Aug 2022 11:33

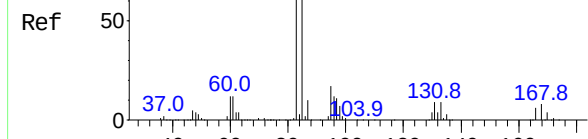
Tgt Ion:106 Resp: 87177
Ion Ratio Lower Upper
106 100
91 213.4 146.6 272.2



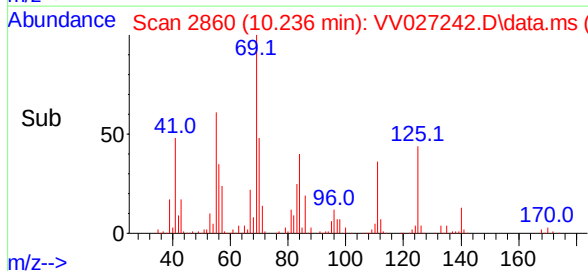
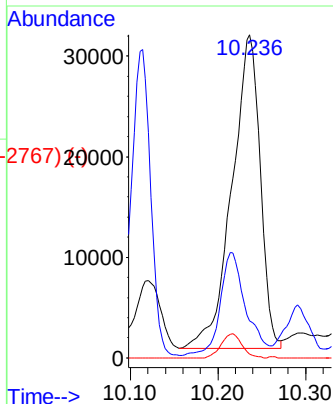
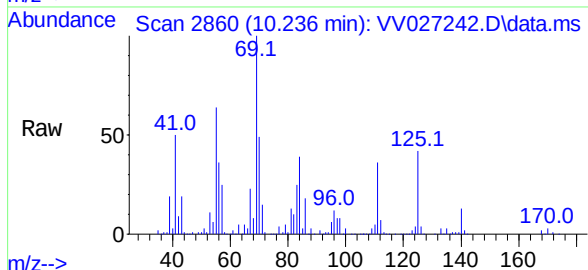
Abundance Scan 2860 (10.236 min): VV027239.D\data.ms (-2860) (-)

1,1,2,2-Tetrachloroethane
Concen: 11.652 ug/L
RT: 10.236 min Scan# 2860
Delta R.T. 0.000 min
Lab File: VV027242.D
Acq: 08 Aug 2022 11:33

Instrument :
MSVOA_V
ClientSampleId :
C0ZF1ME



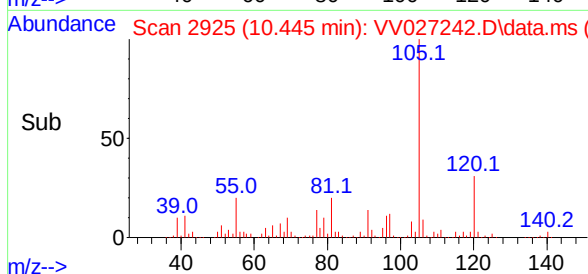
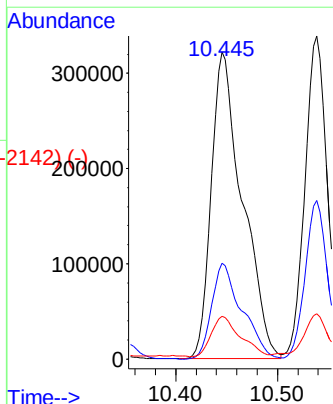
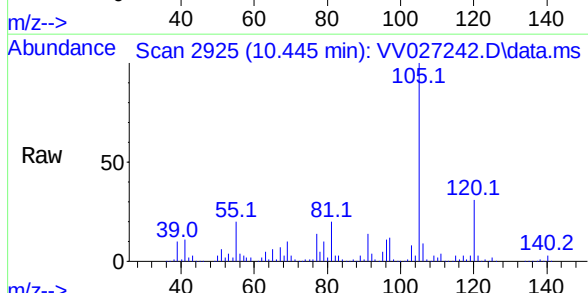
Tgt Ion:	83	Resp:	69670
Ion	Ratio	Lower	Upper
83	100		
85	11.4	45.2	84.0#
131	1.2	8.1	12.1#



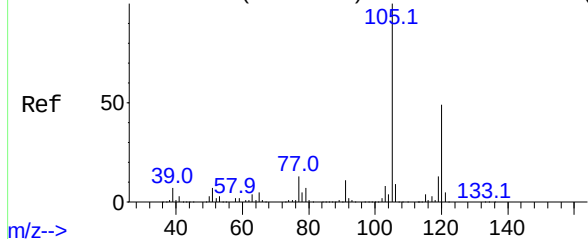
Abundance Scan 2764 (9.928 min): VV027239.D\data.ms (-2764) (-)

Isopropylbenzene
Concen: 44.669 ug/L
RT: 10.445 min Scan# 2925
Delta R.T. 0.518 min
Lab File: VV027242.D
Acq: 08 Aug 2022 11:33

Tgt Ion:	105	Resp:	685029
Ion	Ratio	Lower	Upper
105	100		
120	30.2	21.4	32.0
77	12.2	11.8	17.6



Abundance Scan 2954 (10.538 min): VV027239.D\data.ms (-2362) (-)



1,3,5-Trimethylbenzene

Concen: 40.985 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV027242.D

Acq: 08 Aug 2022 11:33

Instrument :

MSVOA_V

ClientSampleId :

C0ZF1ME

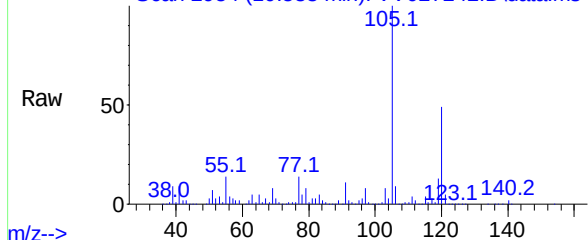
Tgt Ion:105 Resp: 519068

Ion Ratio Lower Upper

105 100

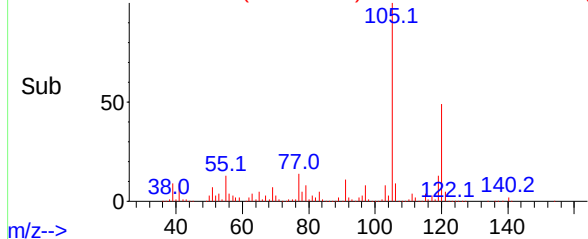
120 48.5 39.3 58.9

Abundance Scan 2954 (10.538 min): VV027242.D\data.ms

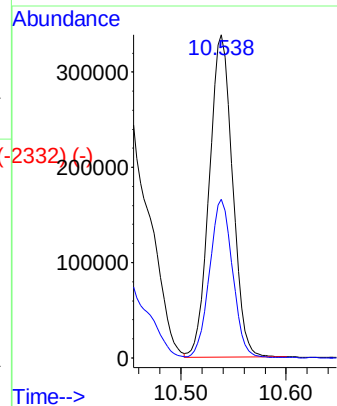


m/z-->

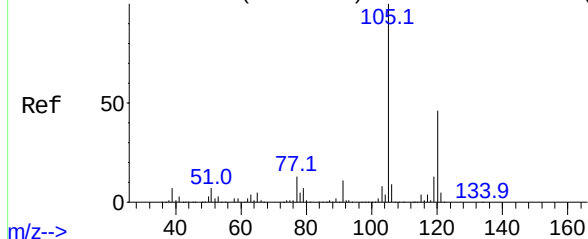
Abundance Scan 2954 (10.538 min): VV027242.D\data.ms (-2332) (-)



m/z-->



Abundance Scan 3070 (10.911 min): VV027239.D\data.ms (-3053) (-)



1,2,4-Trimethylbenzene

Concen: 103.353 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV027242.D

Acq: 08 Aug 2022 11:33

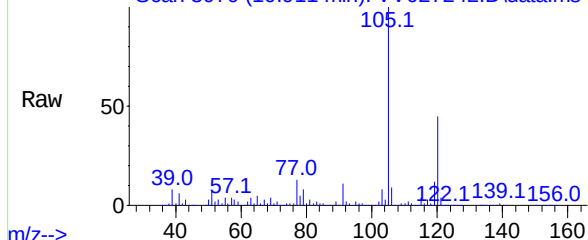
Tgt Ion:105 Resp: 1282279

Ion Ratio Lower Upper

105 100

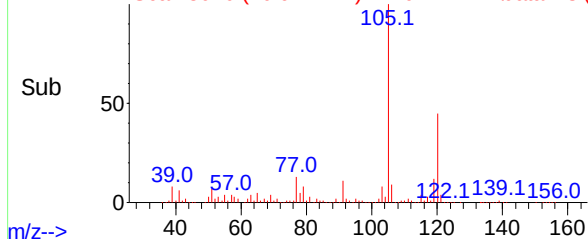
120 45.2 37.0 55.6

Abundance Scan 3070 (10.911 min): VV027242.D\data.ms

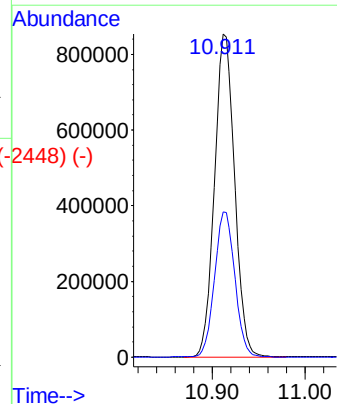


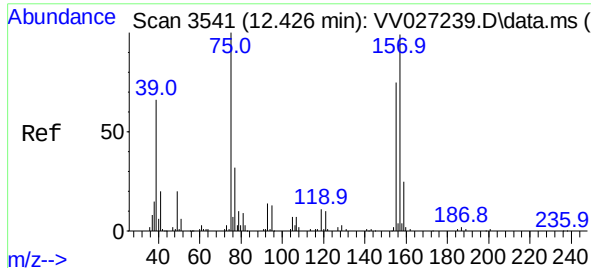
m/z-->

Abundance Scan 3070 (10.911 min): VV027242.D\data.ms (-2448) (-)



m/z-->

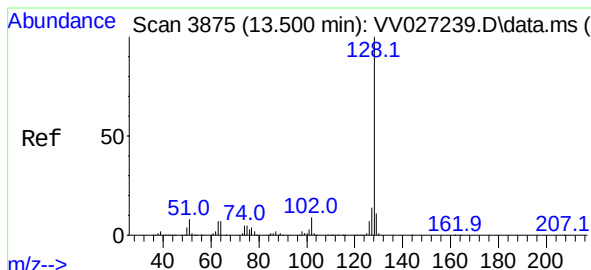
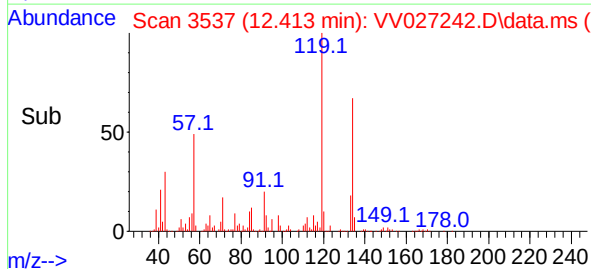
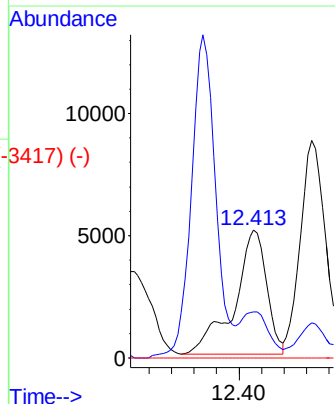
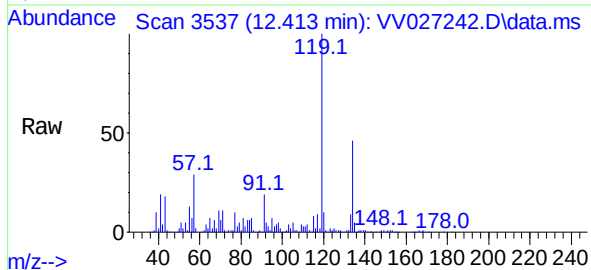




1,2-Dibromo-3-chloropropane
 Concen: 6.436 ug/L
 RT: 12.413 min Scan# 3541
 Delta R.T. -0.013 min
 Lab File: VV027242.D
 Acq: 08 Aug 2022 11:33

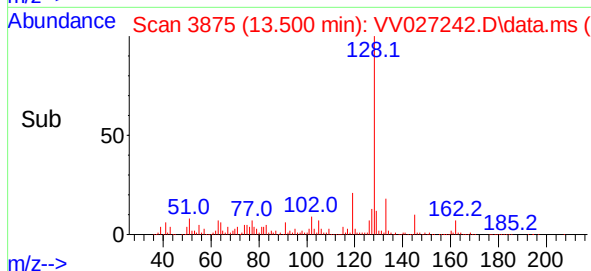
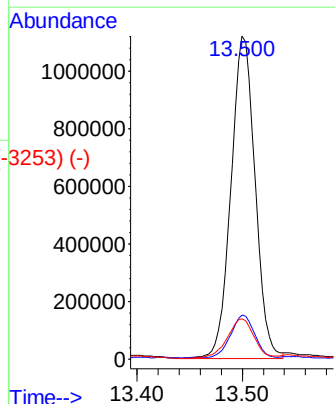
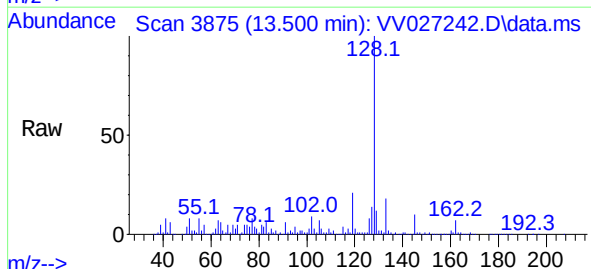
Instrument :
 MSVOA_V
 ClientSampleId :
 C0ZF1ME

Tgt Ion: 75 Resp: 10088
 Ion Ratio Lower Upper
 75 100
 155 35.9 69.1 103.7#
 157 0.0 87.8 131.8#

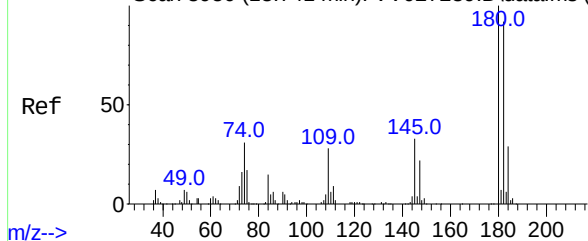


Naphthalene
 Concen: 125.153 ug/L
 RT: 13.500 min Scan# 3875
 Delta R.T. 0.000 min
 Lab File: VV027242.D
 Acq: 08 Aug 2022 11:33

Tgt Ion:128 Resp: 1776863
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.3 15.5
 129 13.8 8.6 13.0#



Abundance Scan 3950 (13.741 min): VV027239.D\data.ms (-3957)



1,2,3-Trichlorobenzene

Concen: 3.069 ug/L

RT: 13.763 min Scan# 3957

Delta R.T. 0.023 min

Lab File: VV027242.D

Acq: 08 Aug 2022 11:33

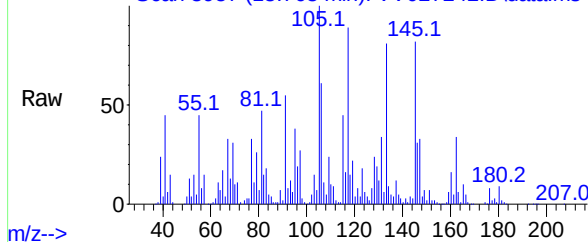
Instrument :

MSVOA_V

ClientSampleId :

C0ZF1ME

Abundance Scan 3957 (13.763 min): VV027242.D\data.ms



Tgt Ion:180 Resp: 14103

Ion Ratio Lower Upper

180 100

182 12.6 76.3 114.5#

145 1808.0 27.4 41.0#

Abundance Scan 3957 (13.763 min): VV027242.D\data.ms (-3826) (-)

