

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080822\
 Data File : VV027248.D
 Acq On : 08 Aug 2022 16:21
 Operator : SY/MD
 Sample : N4008-08MEDL 5X
 Misc : 6.11g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0ZF2MEDL

Quant Time: Aug 09 02:31:06 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)

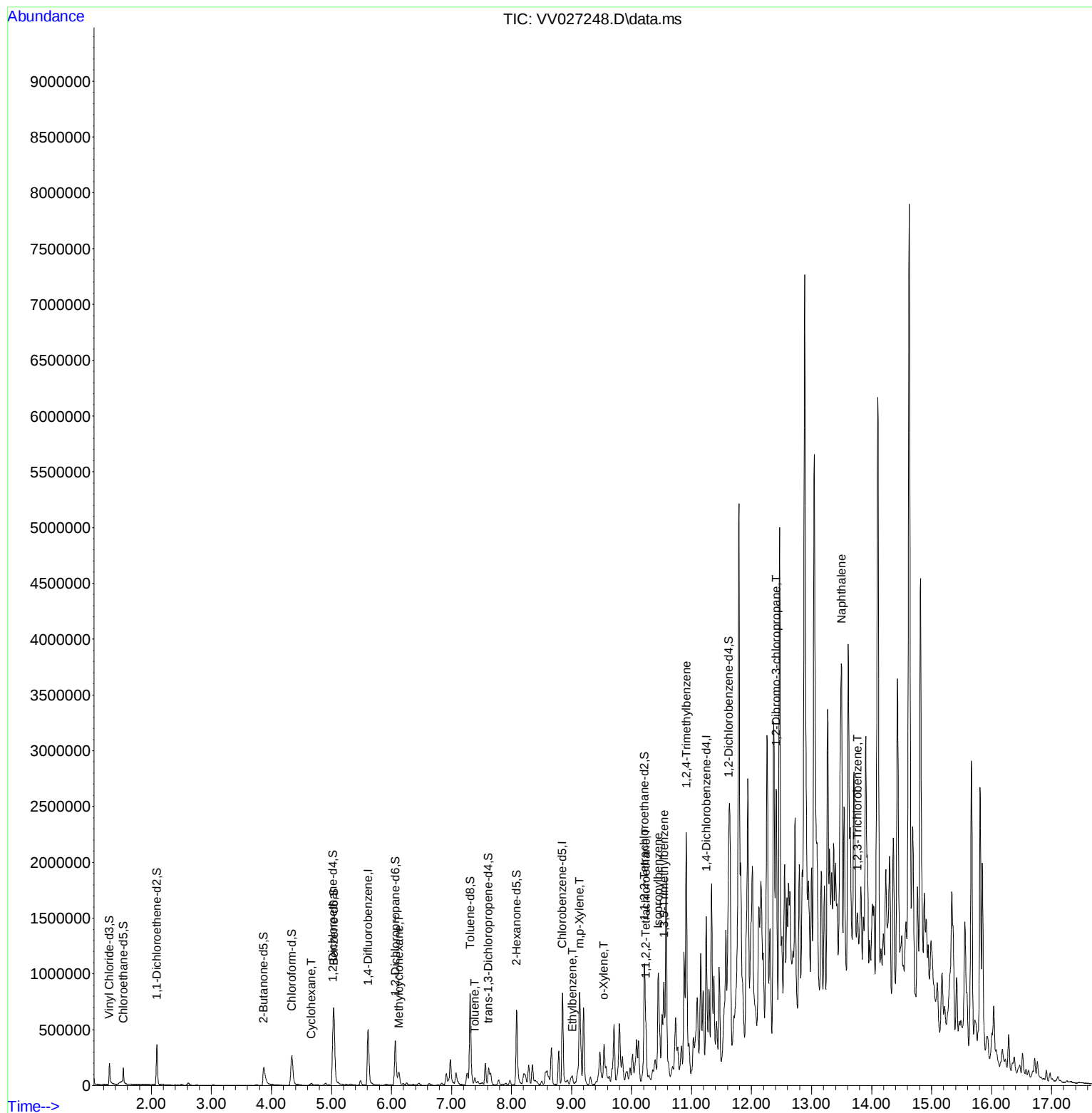
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	435029	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	441647	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	249460	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	152554	51.435	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	102.880%	
7) Chloroethane-d5	1.532	69	76231	35.158	ug/L	-0.02
Spiked Amount 50.000	Range 70	- 130	Recovery	=	70.320%	
11) 1,1-Dichloroethene-d2	2.092	63	194000	35.760	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	71.520%	
21) 2-Butanone-d5	3.870	46	261444	99.030	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	99.030%	
24) Chloroform-d	4.339	84	276479	45.508	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	91.020%	
26) 1,2-Dichloroethane-d4	5.024	65	189871	50.336	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	100.680%	
32) Benzene-d6	5.040	84	592272	55.922	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	111.840%	
36) 1,2-Dichloropropane-d6	6.063	67	207453	55.065	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	110.140%	
41) Toluene-d8	7.310	98	542833	60.131	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	120.260%#	
43) trans-1,3-Dichloroprop...	7.619	79	88779	54.064	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	108.120%	
47) 2-Hexanone-d5	8.085	63	206383	113.739	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	113.740%	
56) 1,1,2,2-Tetrachloroeth...	10.213	84	318264	51.839	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	103.680%	
66) 1,2-Dichlorobenzene-d4	11.622	152	244712	56.805	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	113.600%	
Target Compounds						
					Qvalue	
29) Cyclohexane	4.664	56	6886	1.354	ug/L #	71
35) Methylcyclohexane	6.124	83	44967	8.415	ug/L	87
42) Toluene	7.387	91	51054	3.538	ug/L	99
52) Ethylbenzene	9.014	91	35603	2.391	ug/L	97
53) m,p-Xylene	9.133	106	205574	36.531	ug/L	95
54) o-Xylene	9.541	106	85041	15.512	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	38980	6.072	ug/L #	37
60) Isopropylbenzene	10.445	105	601059	38.233	ug/L	93
62) 1,3,5-Trimethylbenzene	10.538	105	391307	30.140	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	1052604	82.763	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.413	75	7414	4.614	ug/L #	16
71) Naphthalene	13.499	128	1416014	97.293	ug/L #	97
72) 1,2,3-Trichlorobenzene	13.766	180	11090	2.354	ug/L #	1

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080822\
Data File : VV027248.D
Acq On : 08 Aug 2022 16:21
Operator : SY/MD
Sample : N4008-08MEDL 5X
Misc : 6.11g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0ZF2MEDL

Quant Time: Aug 09 02:31:06 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



Abundance Scan 1128 (4.667 min): VV027239.D\data.ms (-11029)

Cyclohexane

Concen: 1.354 ug/L

RT: 4.664 min Scan# 1128

Delta R.T. -0.003 min

Lab File: VV027248.D

Acq: 08 Aug 2022 16:21

Instrument :

MSVOA_V

ClientSampleId :

C0ZF2MEDL

Tgt Ion: 56 Resp: 6886

Ion Ratio Lower Upper

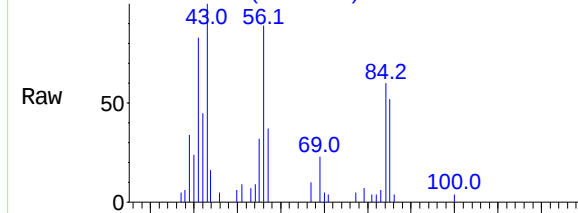
56 100

69 22.3 25.9 38.9#

84 62.6 75.3 112.9#

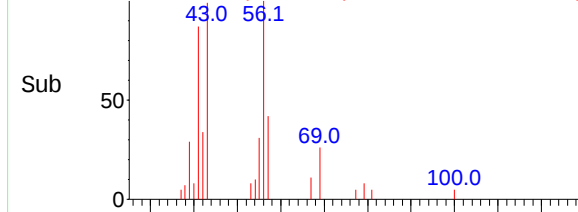
m/z-->

Abundance Scan 1127 (4.664 min): VV027248.D\data.ms

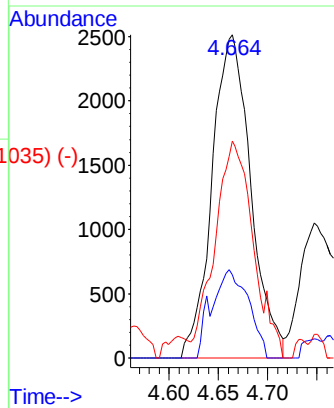


m/z-->

Abundance Scan 1127 (4.664 min): VV027248.D\data.ms (-1035) (-)



m/z-->



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

Methylcyclohexane

Concen: 8.415 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. -0.000 min

Lab File: VV027248.D

Acq: 08 Aug 2022 16:21

Tgt Ion: 83 Resp: 44967

Ion Ratio Lower Upper

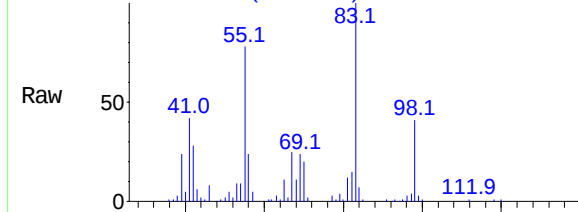
83 100

55 82.9 55.5 83.3

98 43.4 39.0 58.4

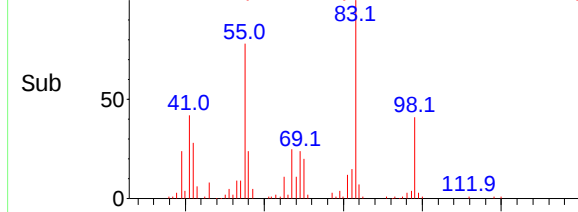
m/z-->

Abundance Scan 1581 (6.124 min): VV027248.D\data.ms

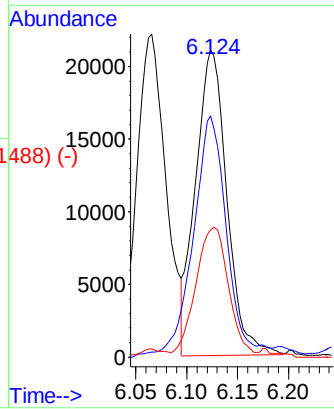


m/z-->

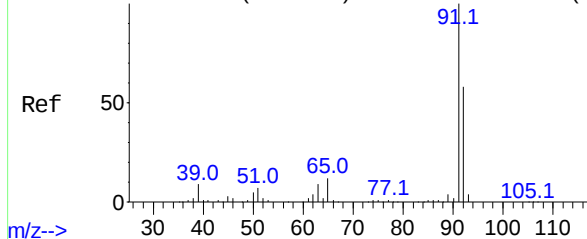
Abundance Scan 1581 (6.124 min): VV027248.D\data.ms (-1488) (-)



m/z-->



Abundance Scan 1972 (7.381 min): VV027239.D\data.ms (-19562-)



Toluene

Concen: 3.538 ug/L

RT: 7.387 min Scan# 1972

Delta R.T. 0.006 min

Lab File: VV027248.D

Acq: 08 Aug 2022 16:21

Instrument :

MSVOA_V

ClientSampleId :

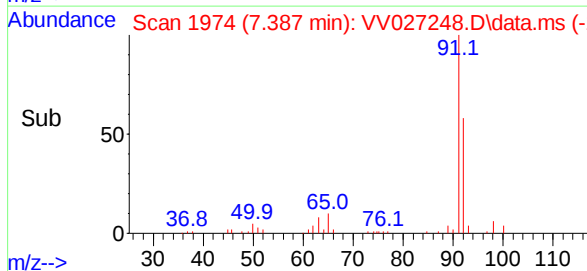
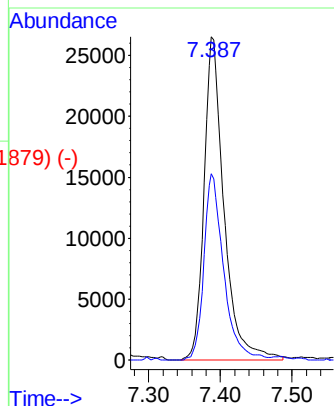
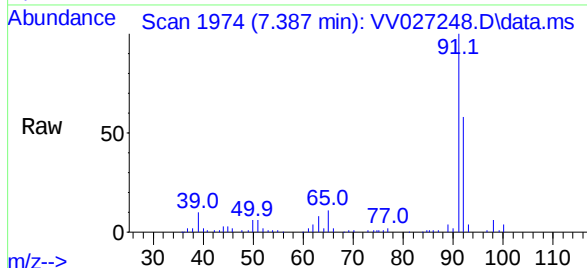
C0ZF2MEDL

Tgt Ion: 91 Resp: 51054

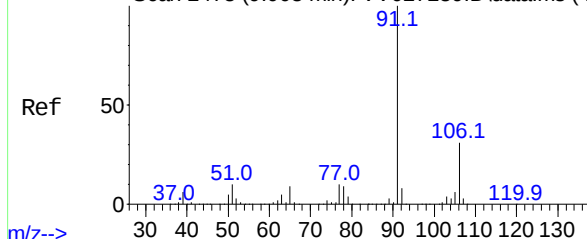
Ion Ratio Lower Upper

91 100

92 57.6 40.9 76.0



Abundance Scan 2478 (9.008 min): VV027239.D\data.ms (-24652-)



Ethylbenzene

Concen: 2.391 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.006 min

Lab File: VV027248.D

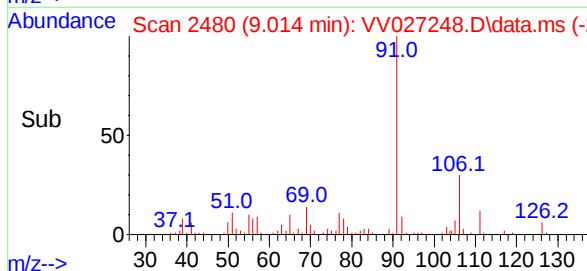
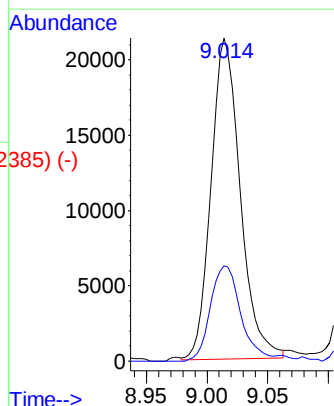
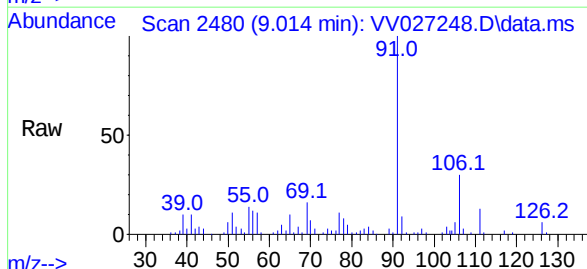
Acq: 08 Aug 2022 16:21

Tgt Ion: 91 Resp: 35603

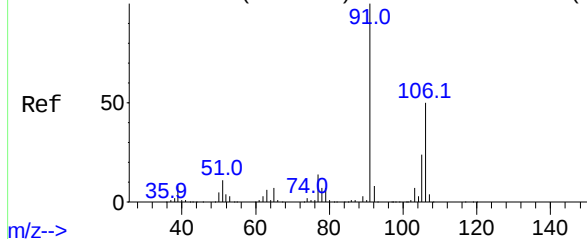
Ion Ratio Lower Upper

91 100

106 29.5 21.8 40.6



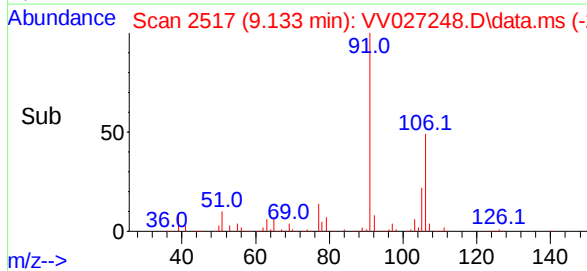
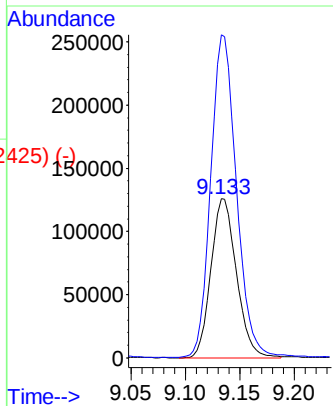
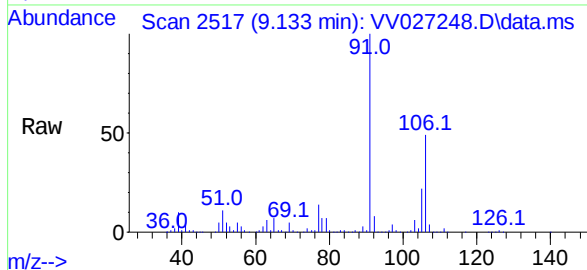
Abundance Scan 2518 (9.137 min): VV027239.D\data.ms (-25053-)



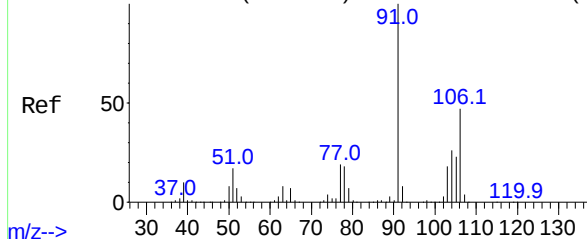
m,p-Xylene
Concen: 36.531 ug/L
RT: 9.133 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV027248.D
Acq: 08 Aug 2022 16:21

Instrument : MSVOA_V
ClientSampleId : C0ZF2MEDL

Tgt Ion:106 Resp: 205574
Ion Ratio Lower Upper
106 100
91 203.2 137.5 255.3

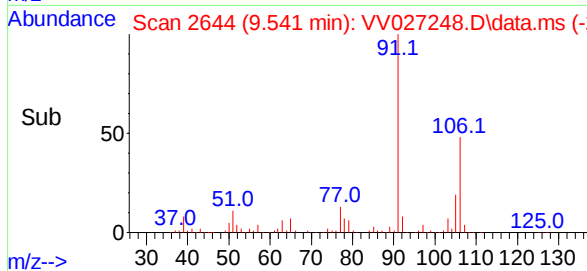
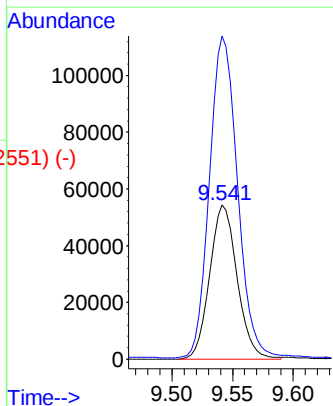
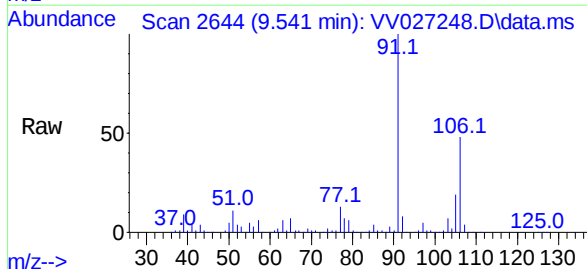


Abundance Scan 2644 (9.542 min): VV027239.D\data.ms (-26354-)



o-Xylene
Concen: 15.512 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027248.D
Acq: 08 Aug 2022 16:21

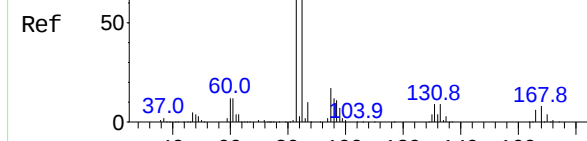
Tgt Ion:106 Resp: 85041
Ion Ratio Lower Upper
106 100
91 210.0 146.6 272.2



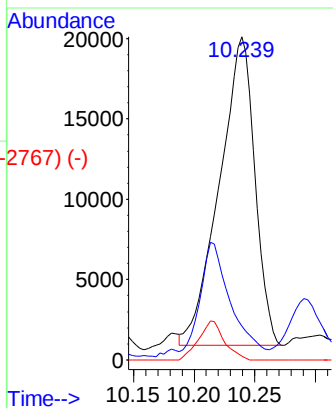
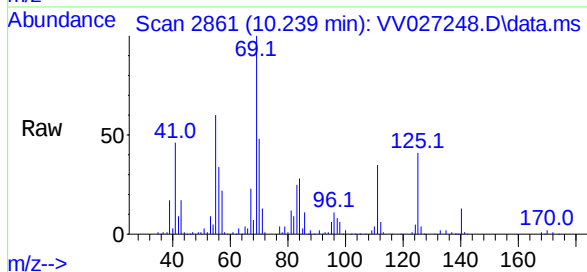
Abundance Scan 2860 (10.236 min): VV027239.D\data.ms (-2860) (-)

1,1,2,2-Tetrachloroethane
Concen: 6.072 ug/L
RT: 10.239 min Scan# 2860
Delta R.T. 0.003 min
Lab File: VV027248.D
Acq: 08 Aug 2022 16:21

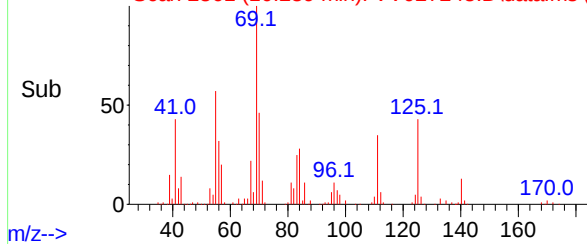
Instrument :
MSVOA_V
ClientSampleId :
C0ZF2MEDL



Tgt Ion:	83	Resp:	38980
Ion	Ratio	Lower	Upper
83	100		
85	10.4	45.2	84.0#
131	1.2	8.1	12.1#



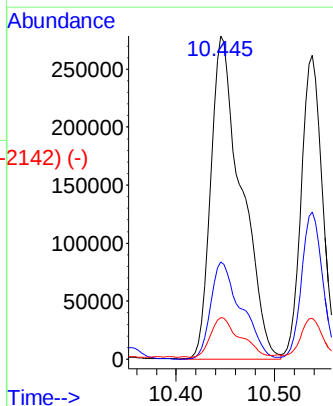
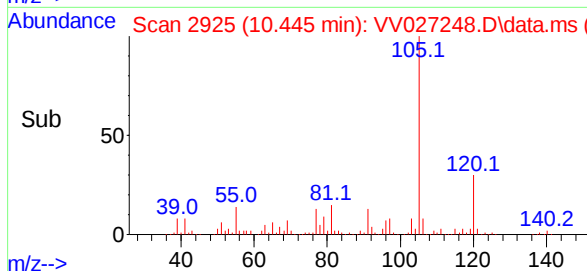
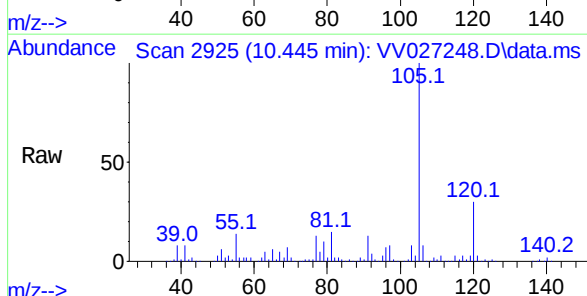
Abundance Scan 2861 (10.239 min): VV027248.D\data.ms (-2861) (-)



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

Isopropylbenzene
Concen: 38.233 ug/L
RT: 10.445 min Scan# 2925
Delta R.T. 0.517 min
Lab File: VV027248.D
Acq: 08 Aug 2022 16:21

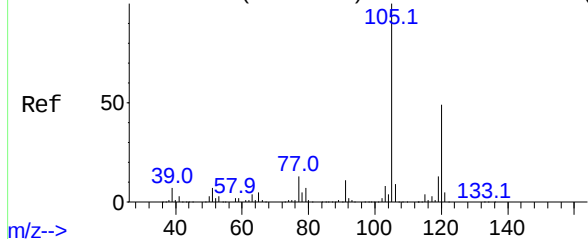
Tgt Ion:	105	Resp:	601059
Ion	Ratio	Lower	Upper
105	100		
120	30.1	21.4	32.0
77	11.8	11.8	17.6



Abundance Scan 2925 (10.445 min): VV027248.D\data.ms (-2925) (-)



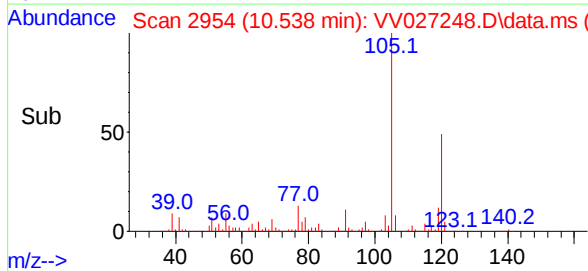
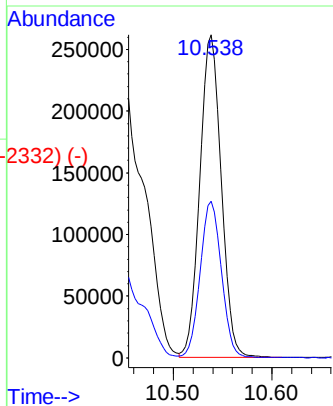
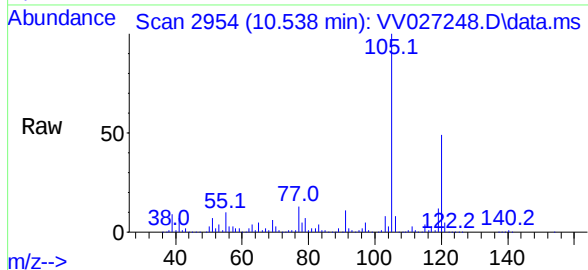
Abundance Scan 2954 (10.538 min): VV027239.D\data.ms (-2332) (-)



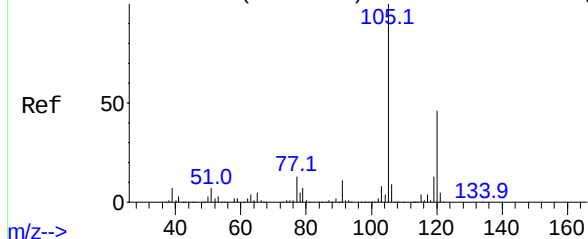
1,3,5-Trimethylbenzene
Concen: 30.140 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV027248.D
Acq: 08 Aug 2022 16:21

Instrument :
MSVOA_V
ClientSampleId :
C0ZF2MEDL

Tgt Ion:105 Resp: 391307
Ion Ratio Lower Upper
105 100
120 48.1 39.3 58.9

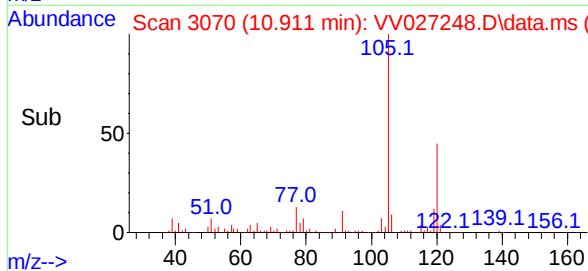
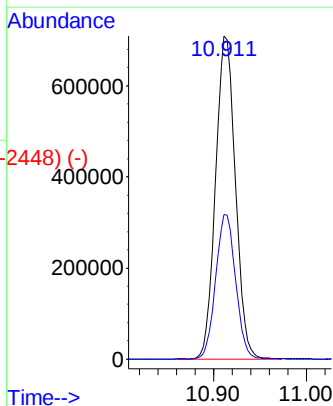
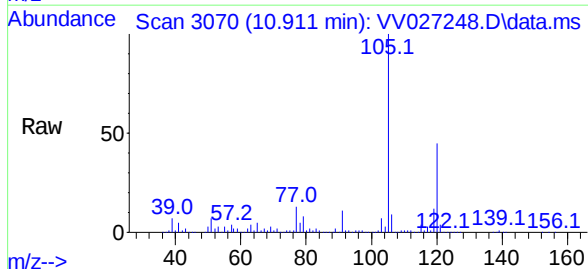


Abundance Scan 3070 (10.911 min): VV027239.D\data.ms (-3053) (-)



1,2,4-Trimethylbenzene
Concen: 82.763 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VV027248.D
Acq: 08 Aug 2022 16:21

Tgt Ion:105 Resp: 1052604
Ion Ratio Lower Upper
105 100
120 44.9 37.0 55.6



Abundance Scan 3541 (12.426 min): VV027239.D\data.ms (-3541) (-)

1,2-Dibromo-3-chloropropane

Concen: 4.614 ug/L

RT: 12.413 min Scan# 3541

Delta R.T. -0.013 min

Lab File: VV027248.D

Acq: 08 Aug 2022 16:21

Instrument :

MSVOA_V

ClientSampleId :

C0ZF2MEDL

Tgt Ion: 75 Resp: 7414

Ion Ratio Lower Upper

75 100

155 31.7 69.1 103.7#

157 0.0 87.8 131.8#

m/z-->

Abundance Scan 3537 (12.413 min): VV027248.D\data.ms

Raw

57.1 91.1 119.1 148.1 178.3

m/z-->

Abundance Scan 3537 (12.413 min): VV027248.D\data.ms (-3417) (-)

Sub

57.1 91.1 119.1 151.2 178.3

m/z-->

Abundance

12.413

Time-->

Abundance Scan 3875 (13.500 min): VV027239.D\data.ms (-3875) (-)

Naphthalene

Concen: 97.293 ug/L

RT: 13.499 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV027248.D

Acq: 08 Aug 2022 16:21

Tgt Ion:128 Resp: 1416014

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 13.6 8.6 13.0#

m/z-->

Abundance Scan 3875 (13.499 min): VV027248.D\data.ms

Raw

51.0 77.0 102.0 128.1 162.2 192.1

m/z-->

Abundance Scan 3875 (13.499 min): VV027248.D\data.ms (-3253) (-)

Sub

51.0 77.0 102.0 128.1 162.2 192.1

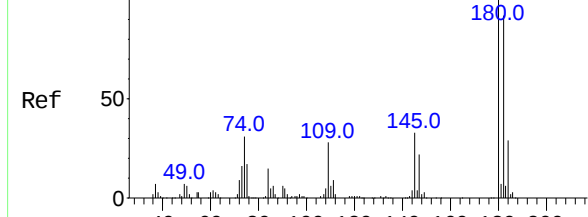
m/z-->

Abundance

13.500

Time-->

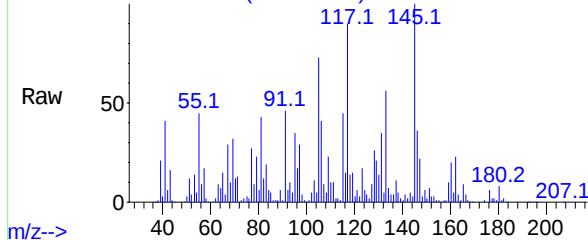
Abundance Scan 3950 (13.741 min): VV027239.D\data.ms (-3957)



1,2,3-Trichlorobenzene
Concen: 2.354 ug/L
RT: 13.766 min Scan# 3957
Delta R.T. 0.025 min
Lab File: VV027248.D
Acq: 08 Aug 2022 16:21

Instrument :
MSVOA_V
ClientSampleId :
C0ZF2MEDL

Abundance Scan 3958 (13.766 min): VV027248.D\data.ms



Tgt Ion:180 Resp: 11090
Ion Ratio Lower Upper
180 100
182 24.8 76.3 114.5#
145 1758.3 27.4 41.0#

Abundance Scan 3958 (13.766 min): VV027248.D\data.ms (-3826)

