

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
 Data File : VV022963.D
 Acq On : 21 Oct 2021 18:50
 Operator : SY/MD
 Sample : M4246-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 22 04:56:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 22 04:55:17 2021
 Response via : Initial Calibration

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

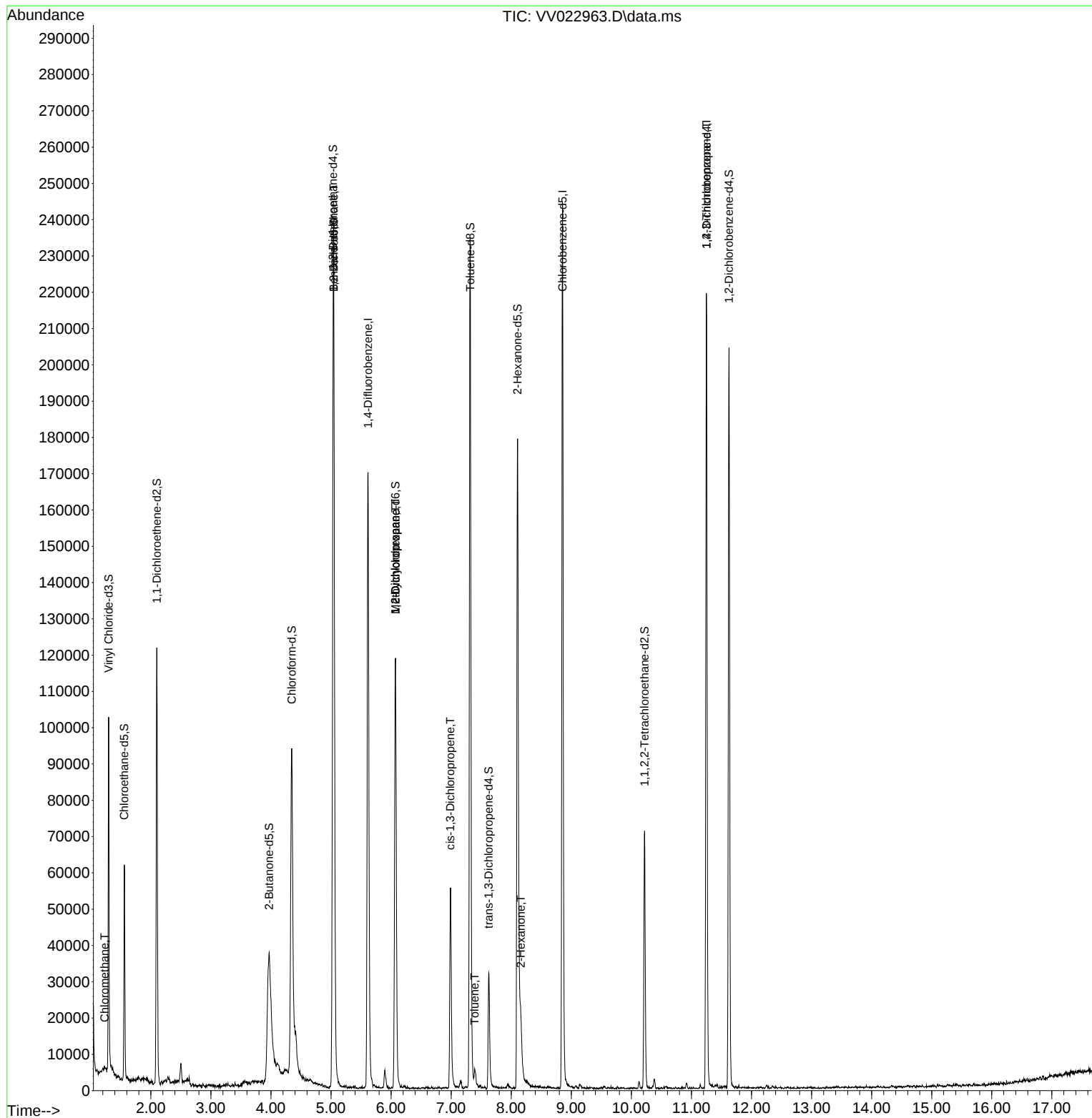
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	146303	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	136643	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59065	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	58188	5.781	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.600%
7) Chloroethane-d5	1.558	69	34694	3.836	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.800%
11) 1,1-Dichloroethene-d2	2.098	63	61617	3.121	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.400%
20) 2-Butanone-d5	3.966	46	106384	40.308	ug/L	0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.620%
24) Chloroform-d	4.346	84	91247	4.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.034	65	43935	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	5.043	84	197491	4.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.072	67	58331	4.842	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.317	98	158558	4.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	7.625	79	18032	4.512	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.104	63	65723	40.811	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.620%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	34011	4.168	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	54593	4.985	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.230	50	564	0.053	ug/L #	20
27) 1,2-Dichloroethane	5.043	62	1160	0.116	ug/L #	69
35) Methylcyclohexane	6.072	83	13661	0.974	ug/L #	17
37) 1,2-Dichloropropane	6.072	63	6244	0.705	ug/L #	86
39) cis-1,3-Dichloropropene	6.985	75	1468	0.125	ug/L #	42
42) Toluene	7.391	91	3047	0.082	ug/L	85
48) 2-Hexanone	8.159	43	5142	1.479	ug/L #	77
61) 1,2,3-Trichloropropane	11.249	75	6732	1.640	ug/L #	63

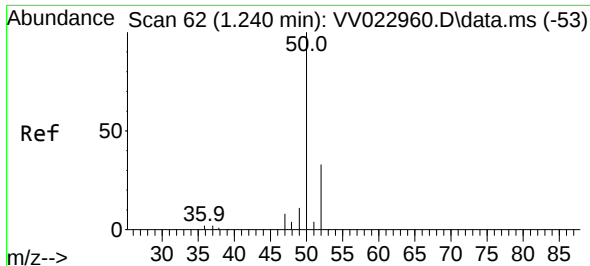
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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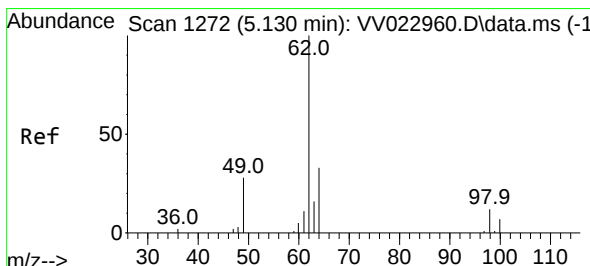
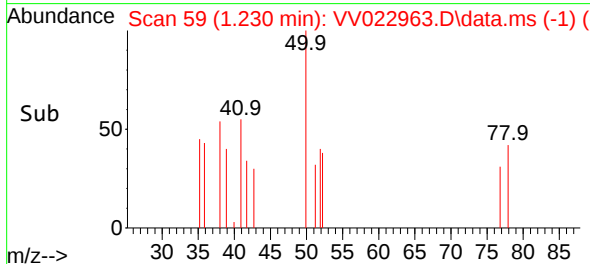
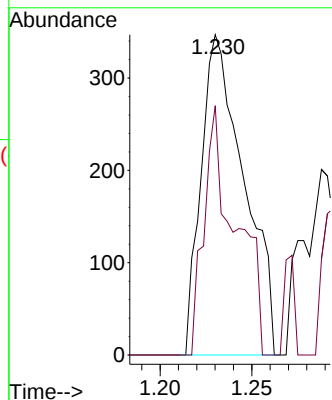
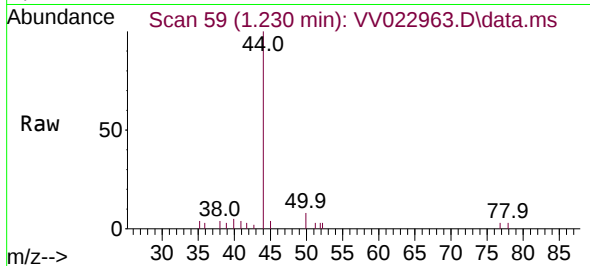




#3
Chloromethane
Concen: 0.053 ug/L
RT: 1.230 min Scan# 51
Delta R.T. -0.010 min
Lab File: VV022963.D
Acq: 21 Oct 2021 18:50

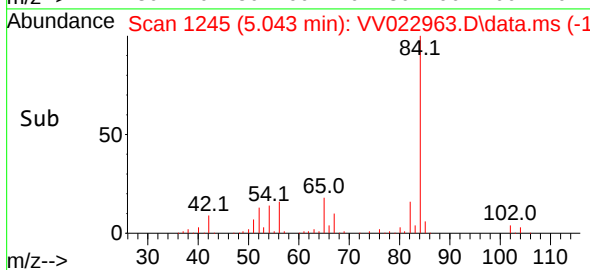
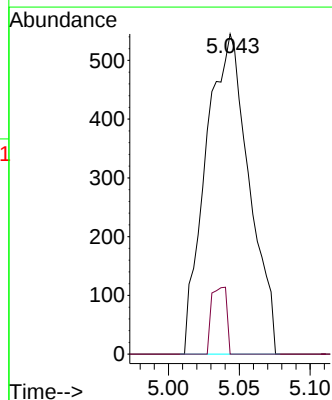
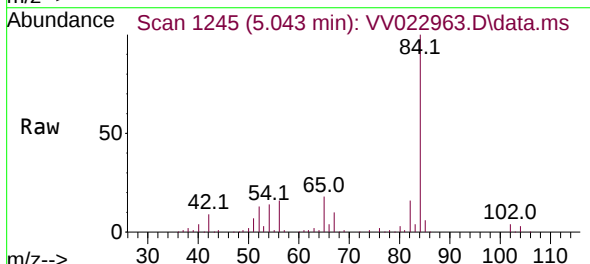
Instrument :
MSVOA_V
ClientSampleId :

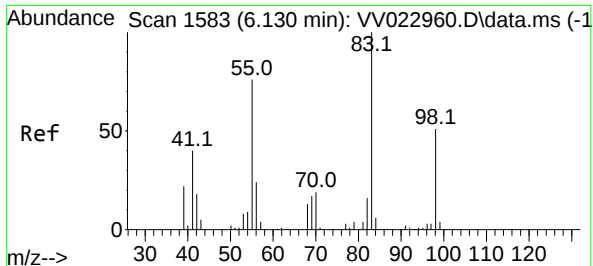
Tgt Ion: 50 Resp: 564
Ion Ratio Lower Upper
50 100
52 77.8 22.9 42.5#



#27
1,2-Dichloroethane
Concen: 0.116 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.087 min
Lab File: VV022963.D
Acq: 21 Oct 2021 18:50

Tgt Ion: 62 Resp: 1160
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#





#35

Methylcyclohexane

Concen: 0.974 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV022963.D

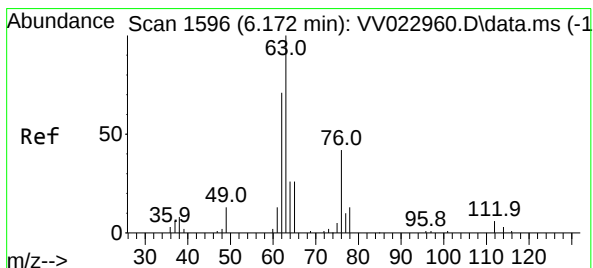
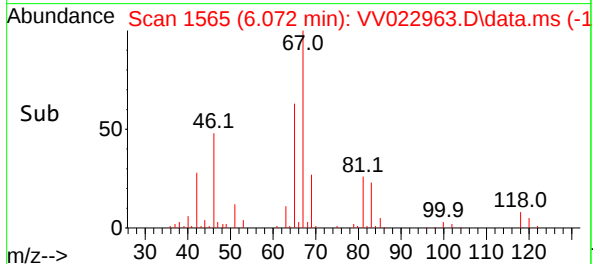
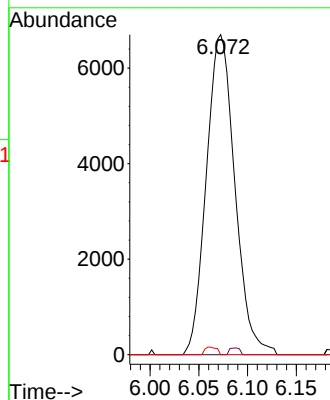
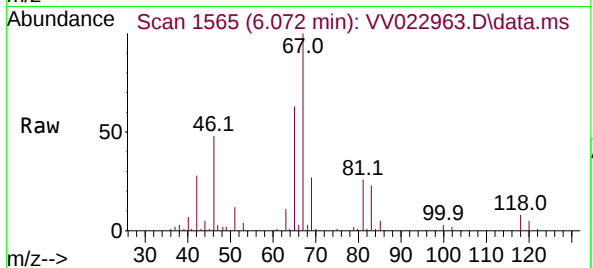
Acq: 21 Oct 2021 18:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	13661
Ion	Ratio	Lower	Upper
83	100		
55	0.7	63.8	95.6#
98	1.0	42.1	63.1#



#37

1,2-Dichloropropane

Concen: 0.705 ug/L

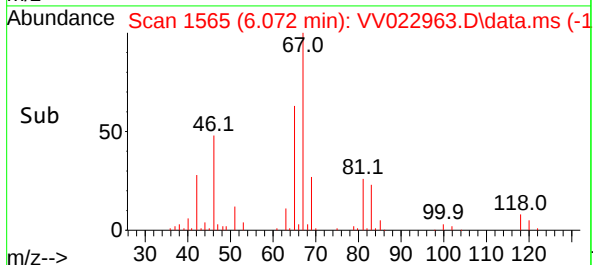
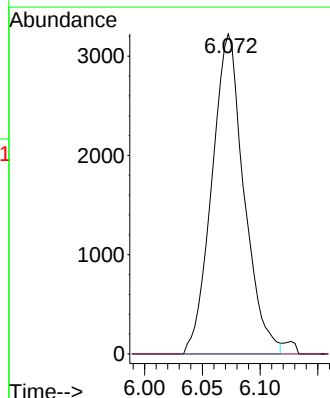
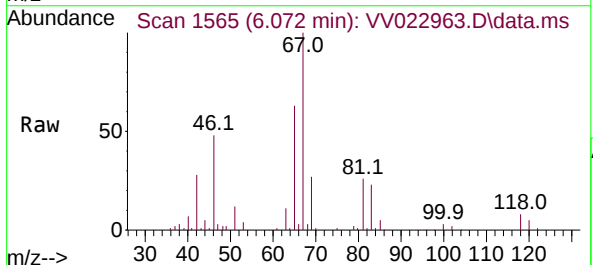
RT: 6.072 min Scan# 1565

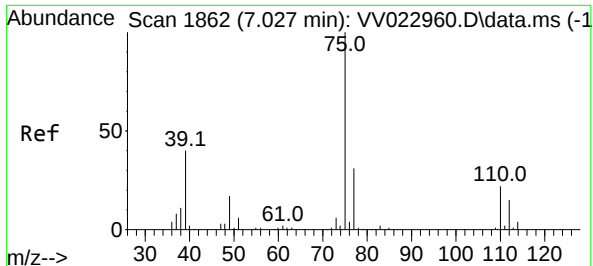
Delta R.T. -0.100 min

Lab File: VV022963.D

Acq: 21 Oct 2021 18:50

Tgt Ion:	63	Resp:	6244
Ion	Ratio	Lower	Upper
63	100		
112	0.7	4.4	6.6#





#39

cis-1,3-Dichloropropene

Concen: 0.125 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV022963.D

Acq: 21 Oct 2021 18:50

Instrument :

MSVOA_V

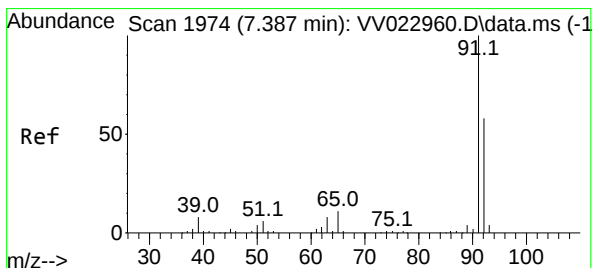
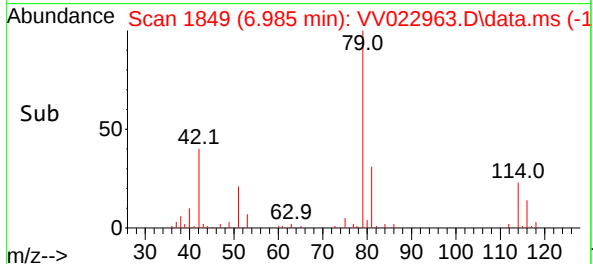
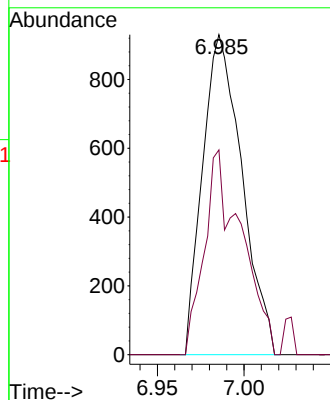
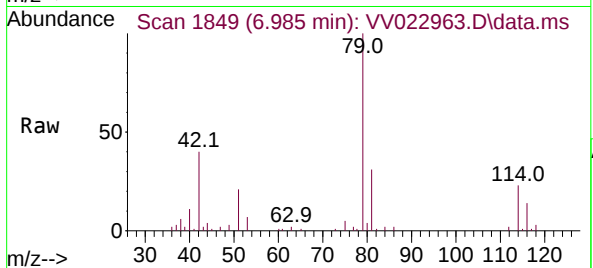
ClientSampleId :

Tgt Ion: 75 Resp: 1468

Ion Ratio Lower Upper

75 100

77 64.0 22.3 41.3#



#42

Toluene

Concen: 0.082 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV022963.D

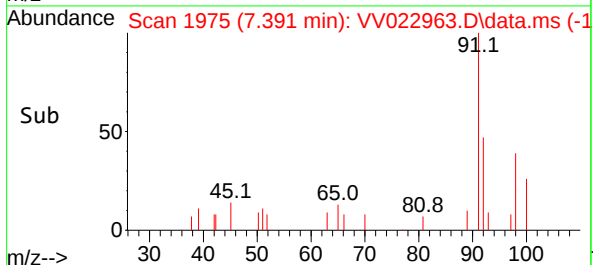
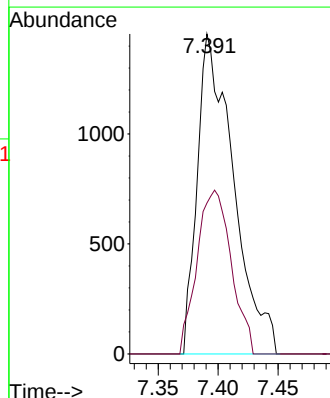
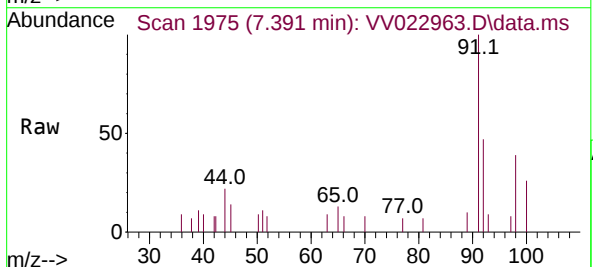
Acq: 21 Oct 2021 18:50

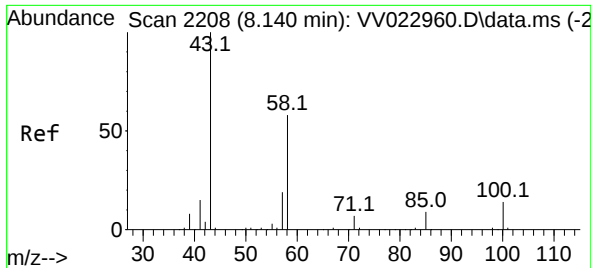
Tgt Ion: 91 Resp: 3047

Ion Ratio Lower Upper

91 100

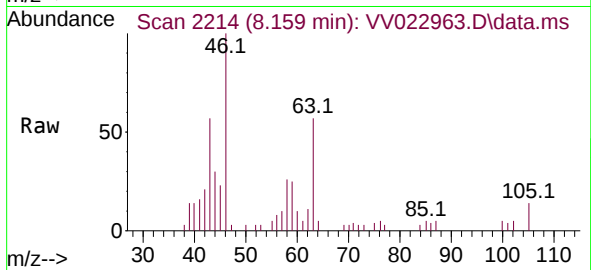
92 47.1 40.7 75.7



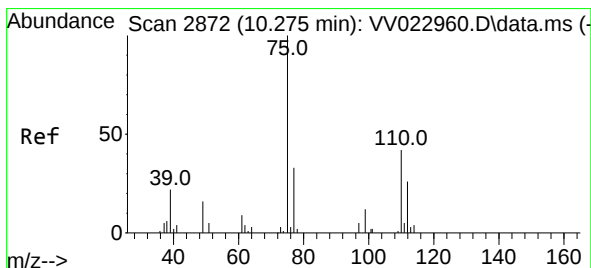
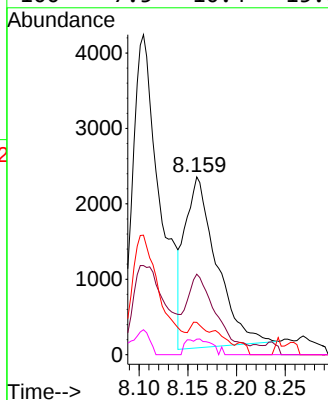
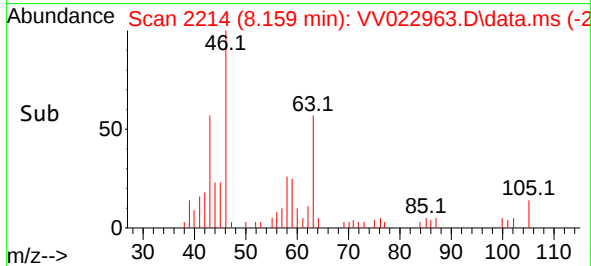


#48
2-Hexanone
Concen: 1.479 ug/L
RT: 8.159 min Scan# 2114
Delta R.T. 0.019 min
Lab File: VV022963.D
Acq: 21 Oct 2021 18:50

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43	Resp: 5142
Ion Ratio	Lower Upper
43 100	
58 43.6	47.4 71.0#
57 2.8	15.3 22.9#
100 7.5	10.4 15.6#



#61
1,2,3-Trichloropropane
Concen: 1.640 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022963.D
Acq: 21 Oct 2021 18:50

Tgt Ion: 75	Resp: 6732
Ion Ratio	Lower Upper
75 100	
77 33.0	25.4 38.2
110 3.1	34.2 51.4#

