

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
 Data File : VV032545.D
 Acq On : 21 Oct 2023 00:19
 Operator : SY/MD
 Sample : 04993-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 02:58:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 21 02:44:24 2023
 Response via : Initial Calibration

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

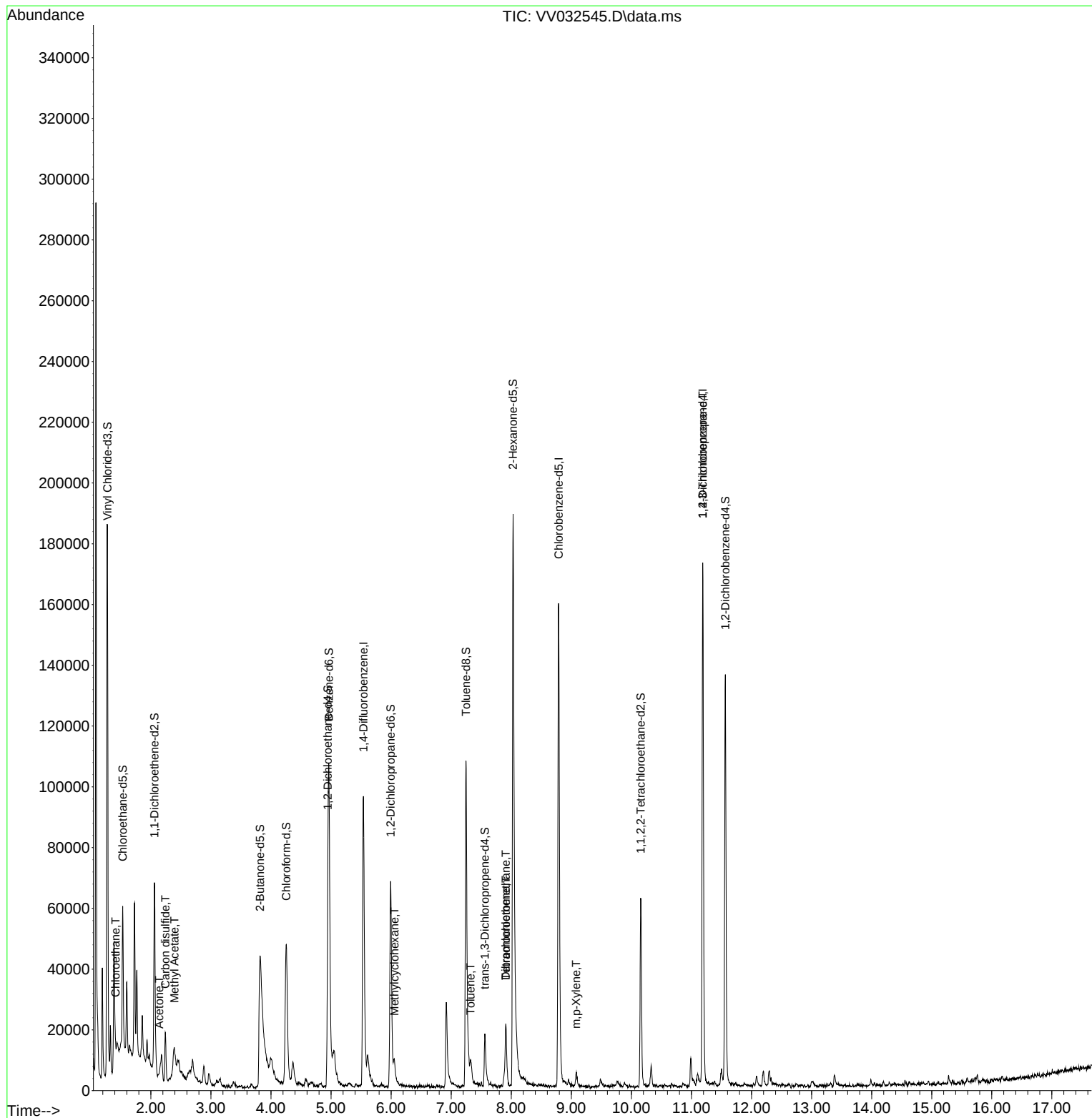
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	79657	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	92123	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	43159	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	24624	3.801	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.532	69	24674	4.692	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.060	65	10090	3.693	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	3.818	46	88579	54.050	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.100%
24) Chloroform-d	4.252	84	50354	4.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	4.947	65	26414	4.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	4.963	84	93577	3.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.000%#
36) 1,2-Dichloropropane-d6	5.992	67	32017	3.565	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.200%
41) Toluene-d8	7.246	98	77155	3.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.200%#
43) trans-1,3-Dichloroprop...	7.561	79	11268	3.541	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.800%
46) 2-Hexanone-d5	8.030	63	69878	46.666	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.340%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	30083	4.789	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	32915	4.110	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.200%
Target Compounds						
					Qvalue	
8) Chloroethane	1.413	64	9445	1.838	ug/L #	55
13) Acetone	2.140	43	2820	2.233	ug/L	54
14) Carbon disulfide	2.243	76	19786	0.969	ug/L	99
15) Methyl Acetate	2.391	43	5699	2.004	ug/L #	80
35) Methylcyclohexane	6.056	83	1739	0.127	ug/L #	60
42) Toluene	7.323	91	5109	0.148	ug/L	97
47) Tetrachloroethene	7.908	164	4975	0.741	ug/L	95
49) Dibromochloromethane	7.908	129	4807	0.755	ug/L #	8
53) m,p-Xylene	9.082	106	1348	0.094	ug/L	81
61) 1,2,3-Trichloropropane	11.188	75	5434	1.183	ug/L #	64

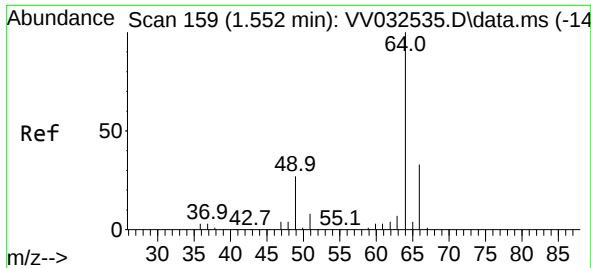
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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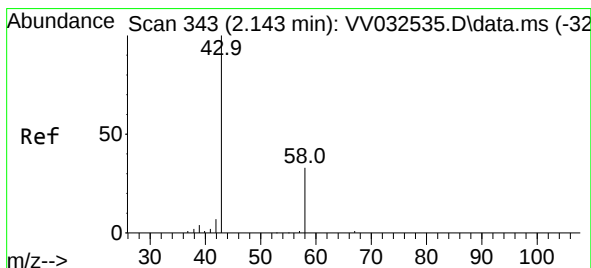
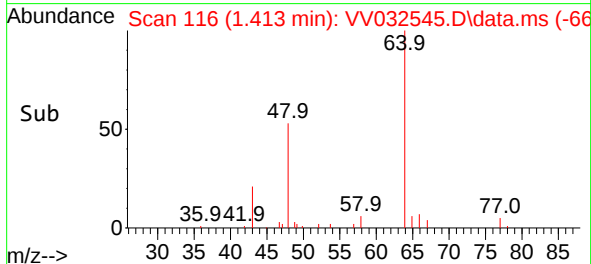
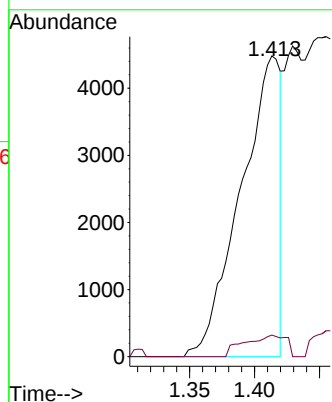
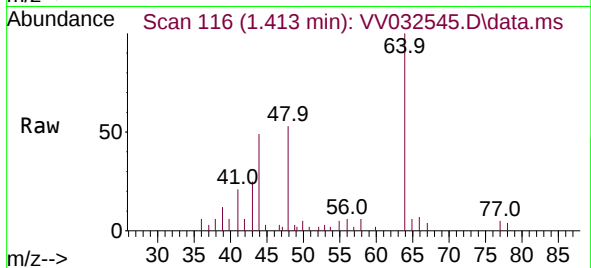




#8
Chloroethane
Concen: 1.838 ug/L
RT: 1.413 min Scan# 116
Delta R.T. -0.138 min
Lab File: VV032545.D
Acq: 21 Oct 2023 00:19

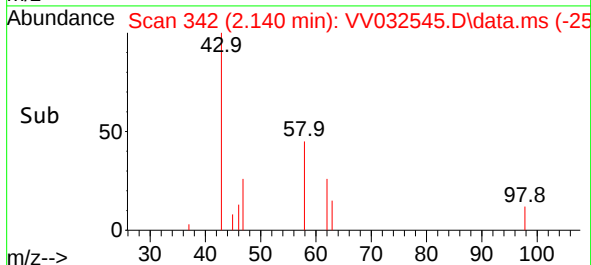
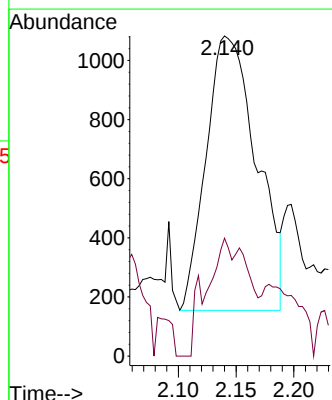
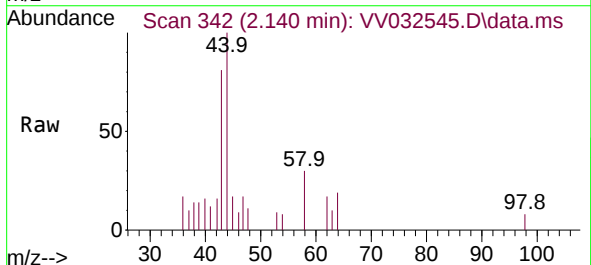
Instrument :
MSVOA_V
ClientSampleId :

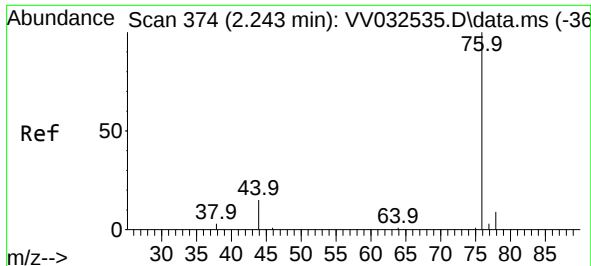
Tgt Ion: 64 Resp: 9445
Ion Ratio Lower Upper
64 100
66 7.2 22.6 42.0#



#13
Acetone
Concen: 2.233 ug/L
RT: 2.140 min Scan# 342
Delta R.T. -0.003 min
Lab File: VV032545.D
Acq: 21 Oct 2023 00:19

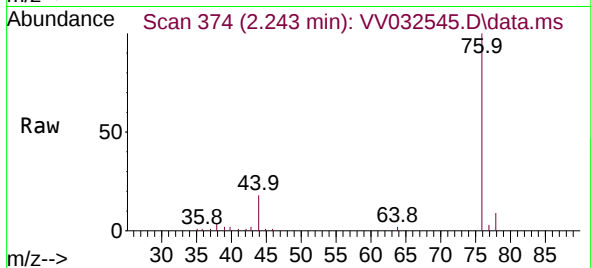
Tgt Ion: 43 Resp: 2820
Ion Ratio Lower Upper
43 100
58 7.3 0.0 66.0



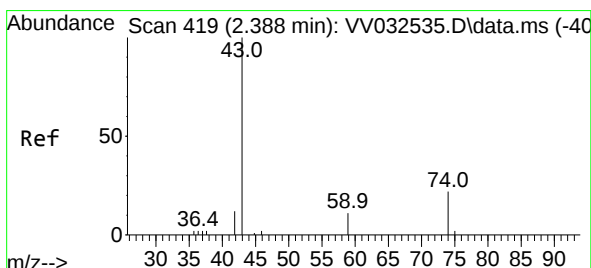
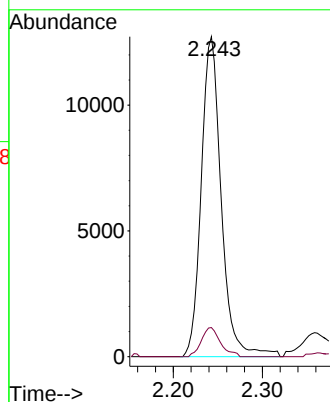
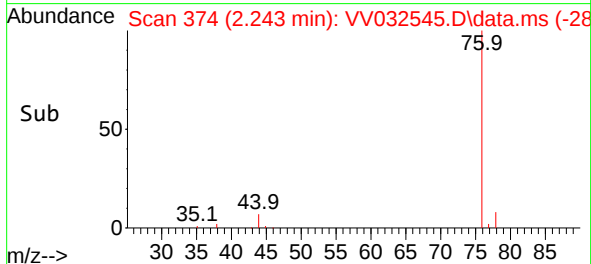


#14
Carbon disulfide
Concen: 0.969 ug/L
RT: 2.243 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV032545.D
Acq: 21 Oct 2023 00:19

Instrument :
MSVOA_V
ClientSampleId :

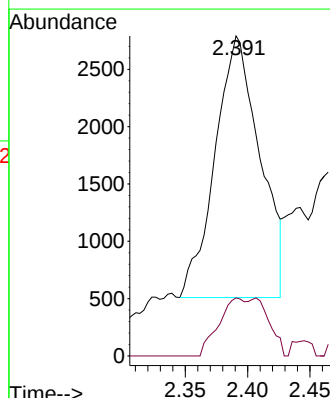
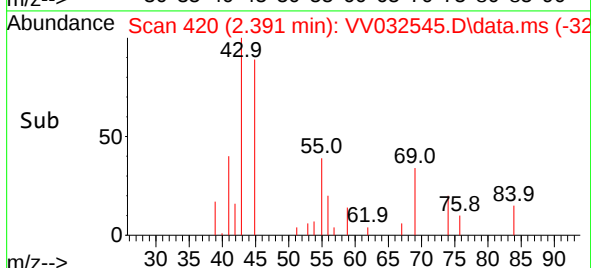
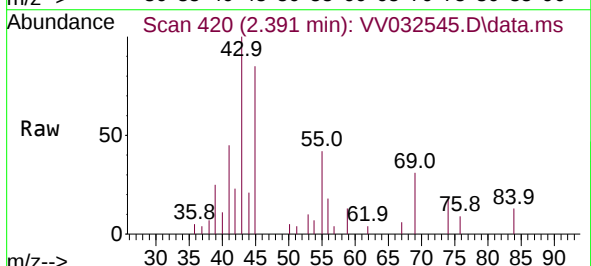


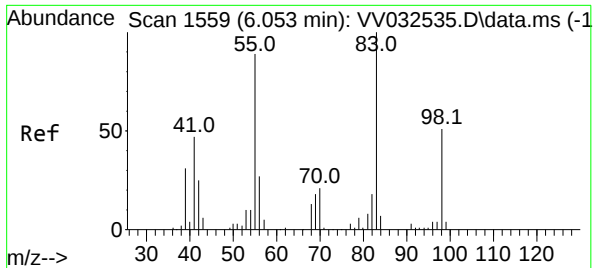
Tgt Ion: 76 Resp: 19786
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#15
Methyl Acetate
Concen: 2.004 ug/L
RT: 2.391 min Scan# 420
Delta R.T. 0.003 min
Lab File: VV032545.D
Acq: 21 Oct 2023 00:19

Tgt Ion: 43 Resp: 5699
Ion Ratio Lower Upper
43 100
74 12.7 18.0 27.0#

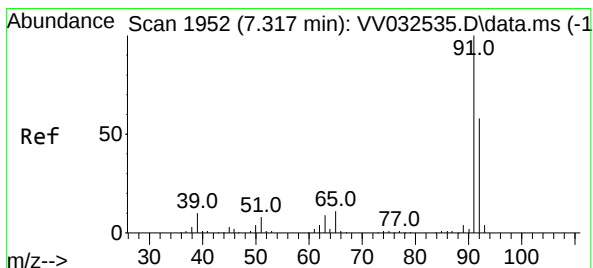
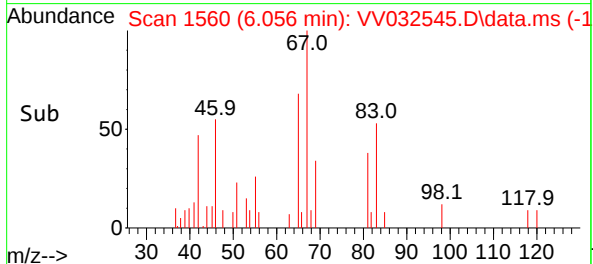
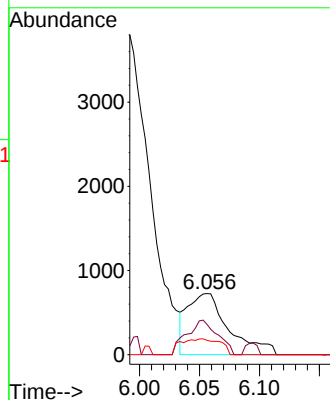
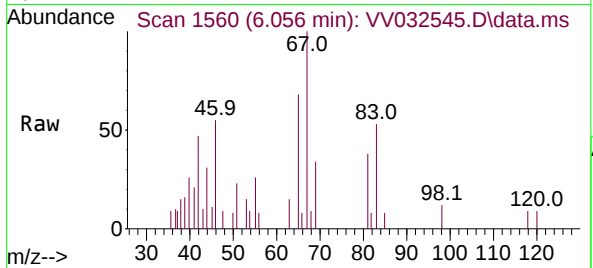




#35
Methylcyclohexane
Concen: 0.127 ug/L
RT: 6.056 min Scan# 1559
Delta R.T. 0.003 min
Lab File: VV032545.D
Acq: 21 Oct 2023 00:19

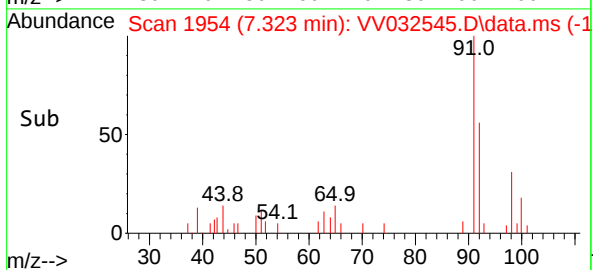
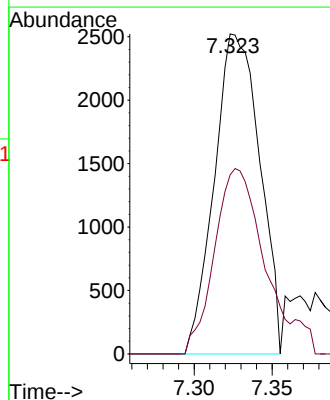
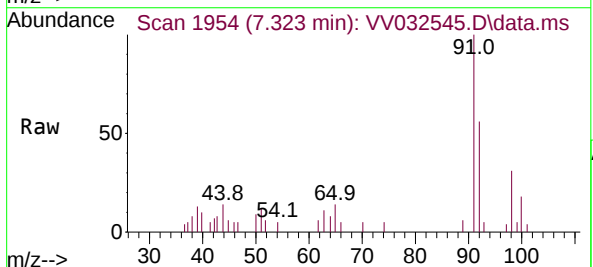
Instrument :
MSVOA_V
ClientSampleId :

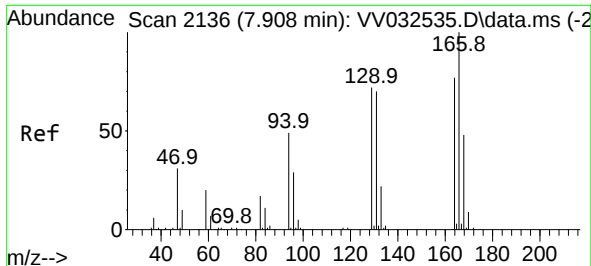
Tgt Ion: 83 Resp: 1739
Ion Ratio Lower Upper
83 100
55 42.3 64.2 96.2#
98 24.7 39.6 59.4#



#42
Toluene
Concen: 0.148 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VV032545.D
Acq: 21 Oct 2023 00:19

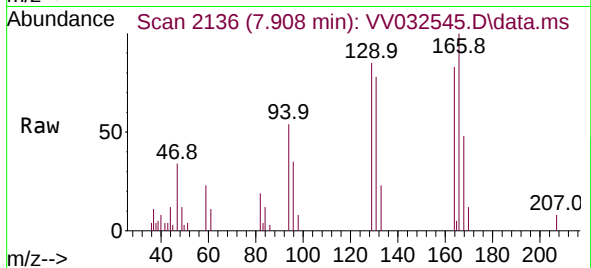
Tgt Ion: 91 Resp: 5109
Ion Ratio Lower Upper
91 100
92 55.9 40.8 75.8



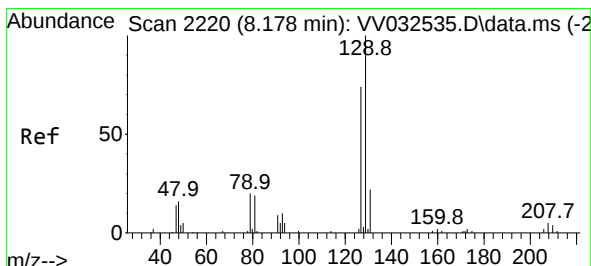
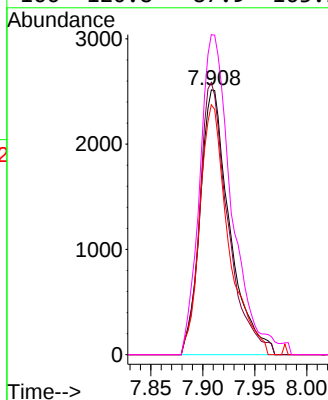
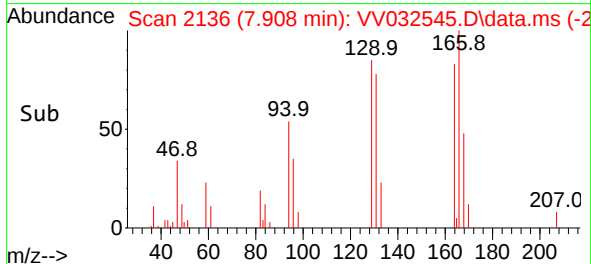


#47
Tetrachloroethene
Concen: 0.741 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VV032545.D
Acq: 21 Oct 2023 00:19

Instrument :
MSVOA_V
ClientSampleId :

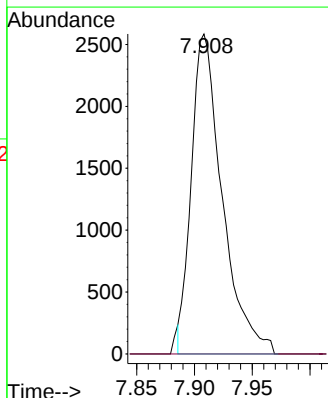
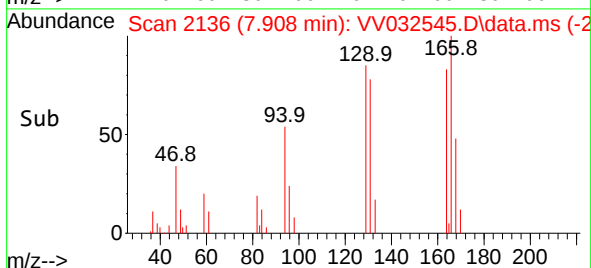
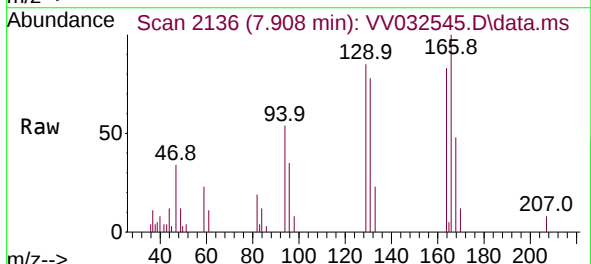


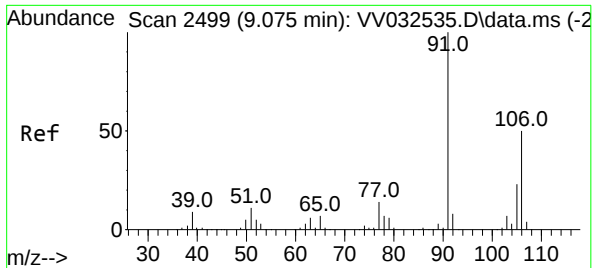
Tgt Ion:164	Resp:	4975
Ion	Ratio	Lower Upper
164	100	
129	102.7	66.4 123.4
131	94.4	63.7 118.3
166	120.8	87.9 163.3



#49
Dibromochloromethane
Concen: 0.755 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.270 min
Lab File: VV032545.D
Acq: 21 Oct 2023 00:19

Tgt Ion:129	Resp:	4807
Ion	Ratio	Lower Upper
129	100	
127	0.0	57.2 106.2#

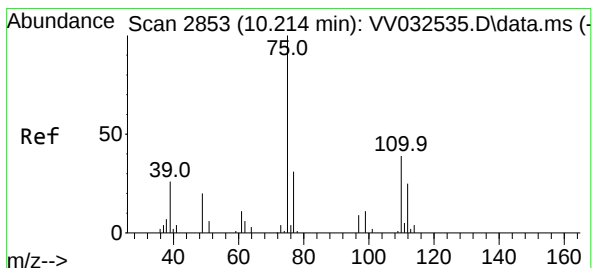
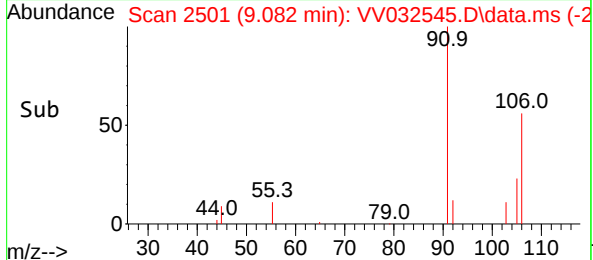
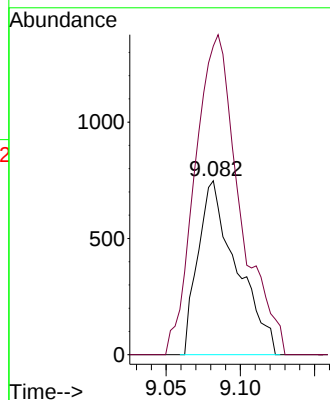
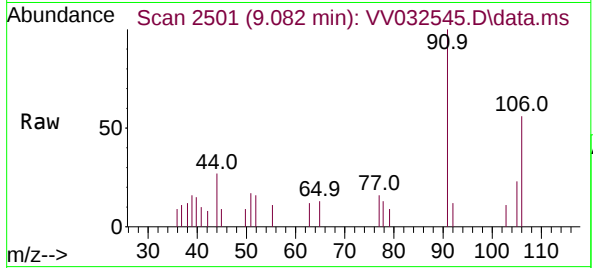




#53
 m,p-Xylene
 Concen: 0.094 ug/L
 RT: 9.082 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV032545.D
 Acq: 21 Oct 2023 00:19

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:106 Resp: 1348
 Ion Ratio Lower Upper
 106 100
 91 177.4 144.5 268.3



#61
 1,2,3-Trichloropropane
 Concen: 1.183 ug/L
 RT: 11.188 min Scan# 3156
 Delta R.T. 0.974 min
 Lab File: VV032545.D
 Acq: 21 Oct 2023 00:19

Tgt Ion: 75 Resp: 5434
 Ion Ratio Lower Upper
 75 100
 77 36.9 26.2 39.2
 110 1.3 30.6 46.0#

