

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025228.D
 Acq On : 27 Mar 2022 03:21
 Operator : SY/MD
 Sample : N2097-20
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAFO

Quant Time: Mar 28 03:47:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 03:13:34 2022
 Response via : Initial Calibration

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

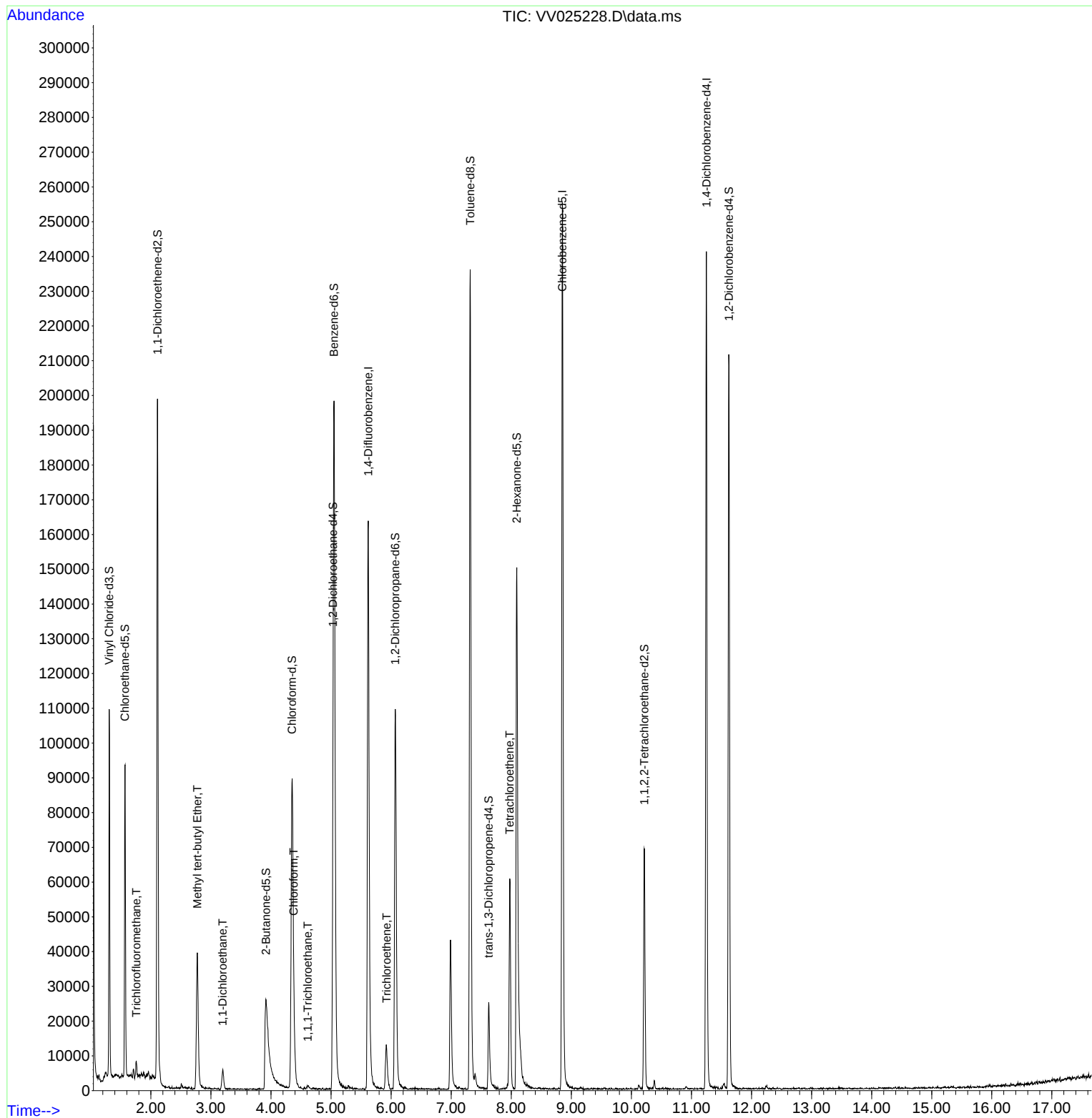
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	147776	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	146139	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61188	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	62741	4.545	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.568	69	57182	4.936	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.111	63	102432	3.426	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.600%
20) 2-Butanone-d5	3.915	46	65482	47.624	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.240%
24) Chloroform-d	4.352	84	91279	5.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.034	65	42904	5.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.050	84	185030	5.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.069	67	53459	5.159	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.317	98	158759	4.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	7.625	79	14855	4.395	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.092	63	57045	46.727	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.460%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32667	4.728	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	53897	5.484	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.600%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.757	101	2469	0.094	ug/L	94
17) Methyl tert-butyl Ether	2.773	73	40477	2.150	ug/L	98
19) 1,1-Dichloroethane	3.195	63	5560	0.312	ug/L	99
25) Chloroform	4.378	83	10711	0.542	ug/L	100
29) 1,1,1-Trichloroethane	4.613	97	1015	0.057	ug/L	89
34) Trichloroethene	5.924	95	3829	0.325	ug/L	85
47) Tetrachloroethene	7.976	164	12973	1.495	ug/L	98

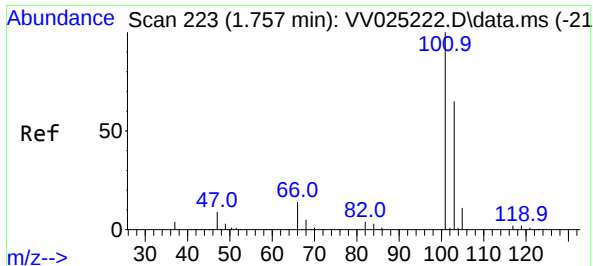
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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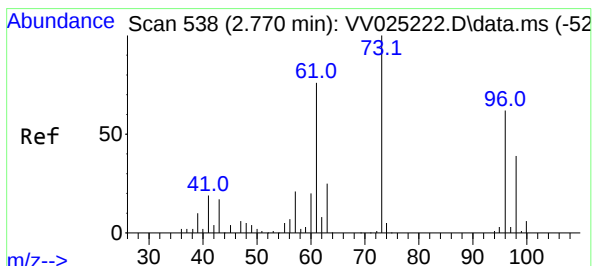
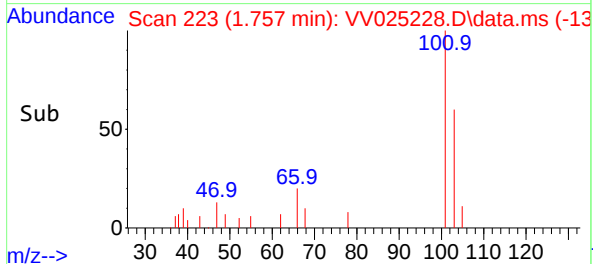
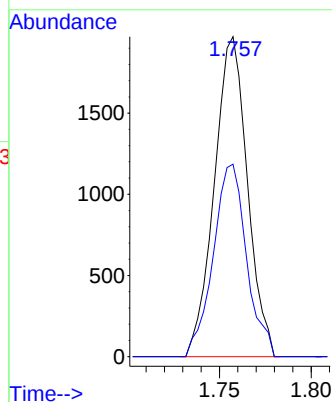
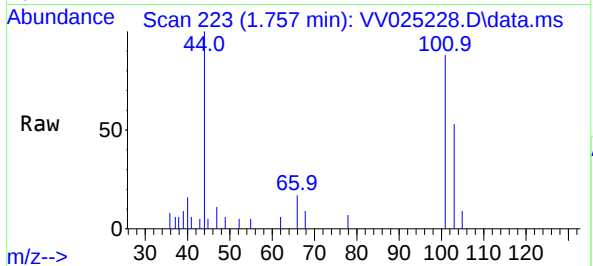




#9
Trichlorofluoromethane
Concen: 0.094 ug/L
RT: 1.757 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025228.D
Acq: 27 Mar 2022 03:21

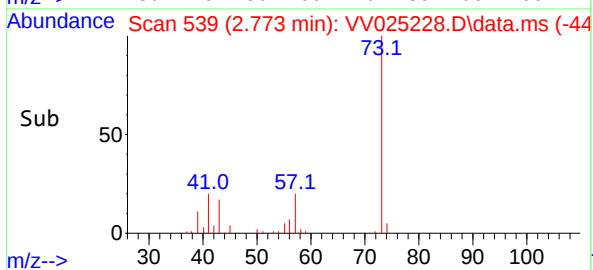
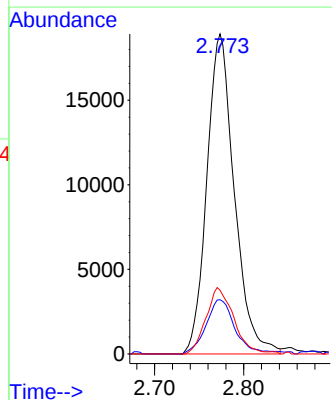
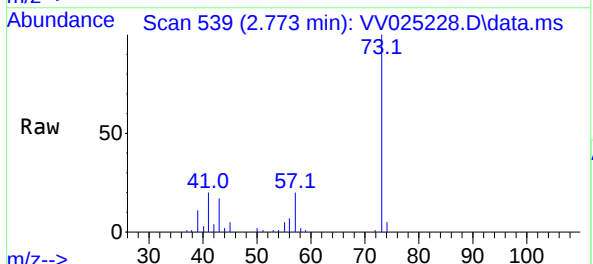
Instrument :
MSVOA_V
ClientSampleId :
C0AF0

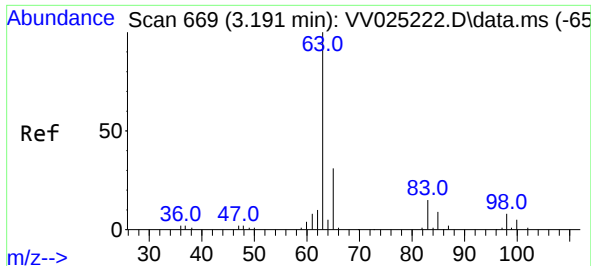
Tgt Ion:101 Resp: 2469
Ion Ratio Lower Upper
101 100
103 60.6 52.2 78.2



#17
Methyl tert-butyl Ether
Concen: 2.150 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.003 min
Lab File: VV025228.D
Acq: 27 Mar 2022 03:21

Tgt Ion: 73 Resp: 40477
Ion Ratio Lower Upper
73 100
43 18.2 13.5 20.3
57 20.8 16.4 24.6

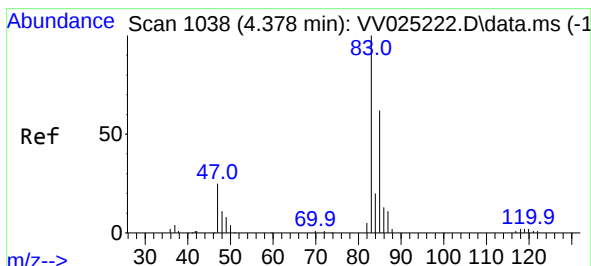
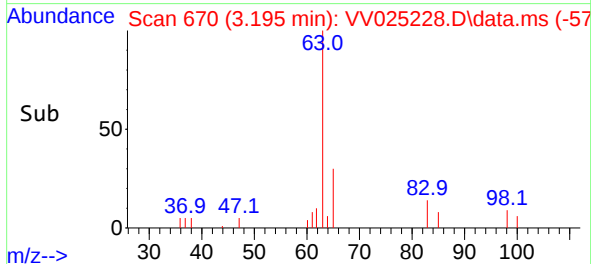
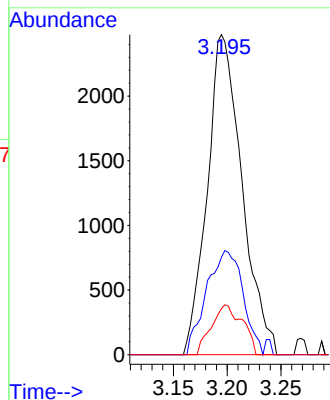
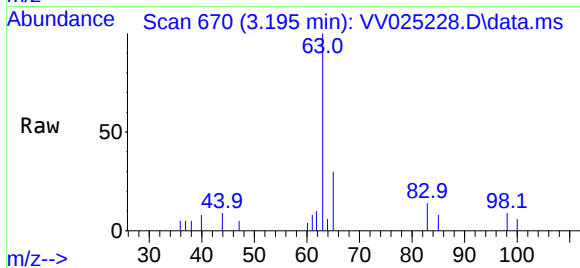




#19
1,1-Dichloroethane
Concen: 0.312 ug/L
RT: 3.195 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV025228.D
Acq: 27 Mar 2022 03:21

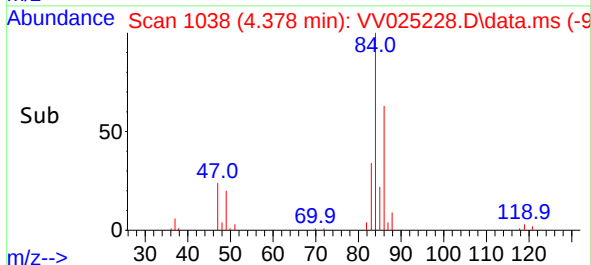
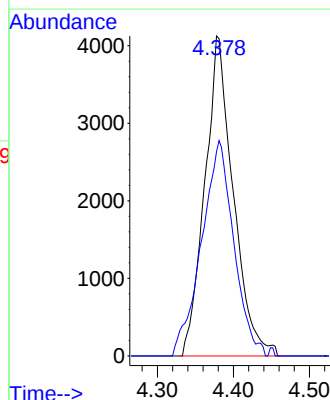
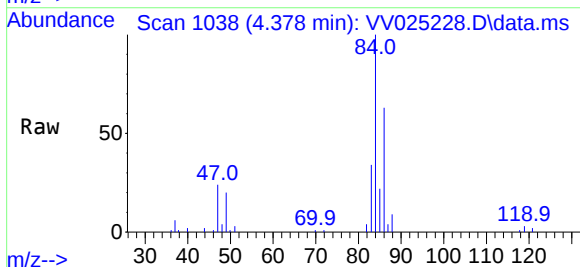
Instrument :
MSVOA_V
ClientSampleId :
C0AF0

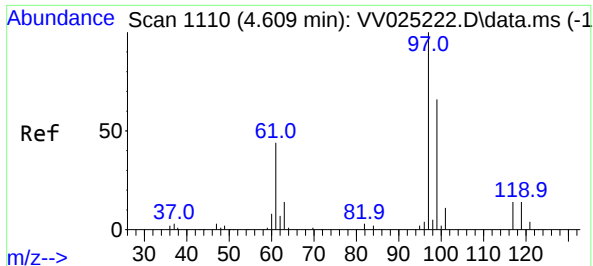
Tgt Ion:	63	Resp:	5560
Ion	Ratio	Lower	Upper
63	100		
65	30.5	22.0	40.8
83	14.4	10.2	19.0



#25
Chloroform
Concen: 0.542 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VV025228.D
Acq: 27 Mar 2022 03:21

Tgt Ion:	83	Resp:	10711
Ion	Ratio	Lower	Upper
83	100		
85	63.9	44.7	82.9





#29

1,1,1-Trichloroethane

Concen: 0.057 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VV025228.D

Acq: 27 Mar 2022 03:21

Instrument :

MSVOA_V

ClientSampleId :

C0AF0

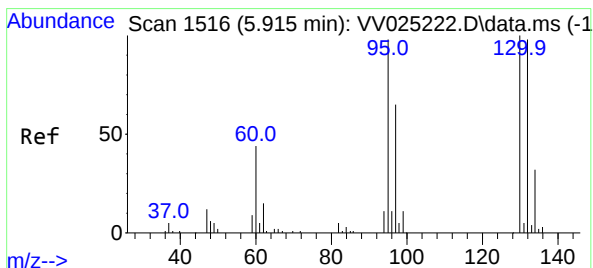
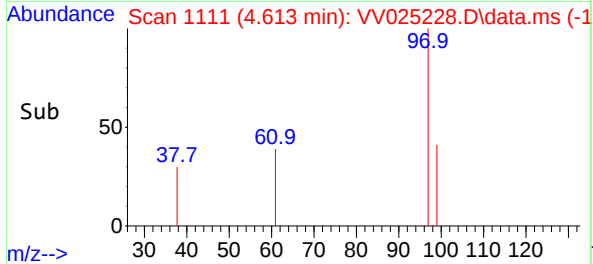
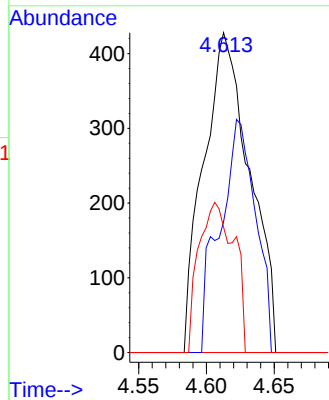
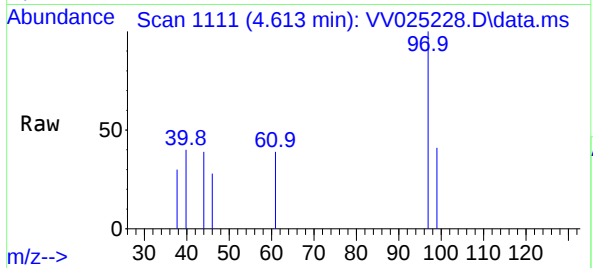
Tgt Ion: 97 Resp: 1015

Ion Ratio Lower Upper

97 100

99 56.5 51.9 77.9

61 35.9 34.2 51.2



#34

Trichloroethene

Concen: 0.325 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.010 min

Lab File: VV025228.D

Acq: 27 Mar 2022 03:21

Tgt Ion: 95 Resp: 3829

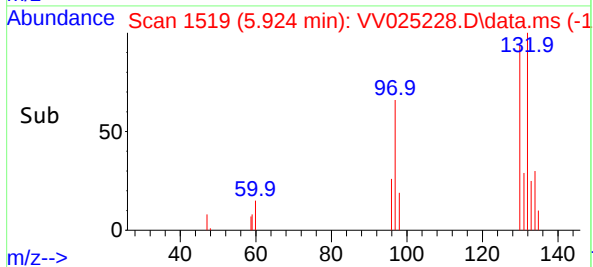
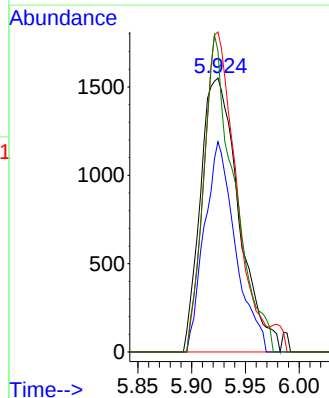
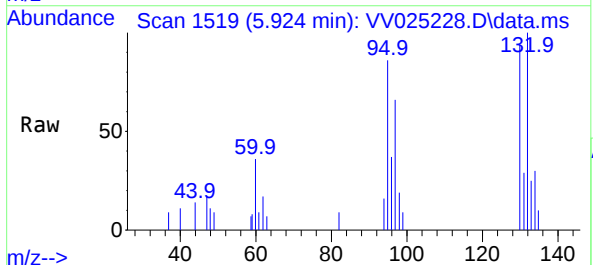
Ion Ratio Lower Upper

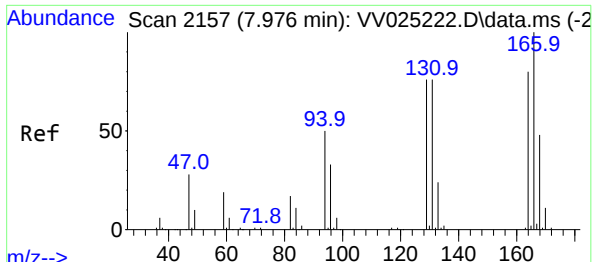
95 100

97 76.8 46.3 85.9

132 116.8 65.2 121.2

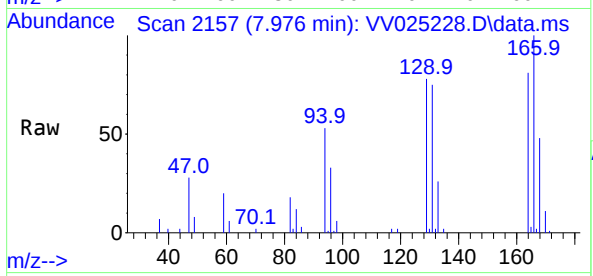
130 109.9 71.7 133.1





#47
 Tetrachloroethene
 Concen: 1.495 ug/L
 RT: 7.976 min Scan# 2157
 Delta R.T. 0.000 min
 Lab File: VV025228.D
 Acq: 27 Mar 2022 03:21

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF0



Tgt Ion:164 Resp: 12973

Ion	Ratio	Lower	Upper
164	100		
129	96.9	67.5	125.4
131	92.9	68.0	126.4
166	123.7	86.2	160.2

