

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039262.D
 Acq On : 16 Dec 2023 04:17
 Operator : JC/MD
 Sample : 05845-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

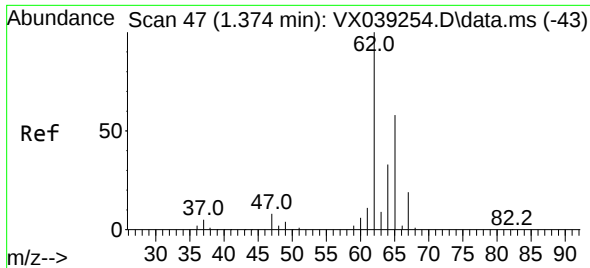
Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE3

Quant Time: Dec 16 06:58:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	239359	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	223009	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	101893	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	61136	32.564	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.120%
7) Chloroethane-d5	1.666	69	50581	36.450	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.900%
11) 1,1-Dichloroethene-d2	2.306	65	32965	40.001	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.000%
21) 2-Butanone-d5	4.446	46	151319	89.042	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.040%
24) Chloroform-d	5.056	84	144791	43.567	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.140%
26) 1,2-Dichloroethane-d4	5.952	65	101803	47.298	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.600%
32) Benzene-d6	5.970	84	287875	41.827	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.660%
36) 1,2-Dichloropropane-d6	7.306	67	94603	42.712	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.420%
41) Toluene-d8	8.647	98	256736	41.162	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.320%
43) trans-1,3-Dichloroprop...	8.952	79	42456	37.667	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.340%
47) 2-Hexanone-d5	9.384	63	108020	81.654	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.650%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	137343	43.711	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.420%
66) 1,2-Dichlorobenzene-d4	12.317	152	89023	46.223	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.440%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	1922	0.977	ug/L #	20
12) 1,1-Dichloroethene	2.319	96	26595	17.247	ug/L #	52
13) Acetone	2.374	43	47418	29.045	ug/L	96
19) 1,1-Dichloroethane	3.611	63	6528	2.032	ug/L	95
20) cis-1,2-Dichloroethene	4.489	96	43569	23.120	ug/L	97
22) 2-Butanone	4.562	43	39103	19.516	ug/L	95
30) 1,1,1-Trichloroethane	5.385	97	3524	1.302	ug/L	94
34) Trichloroethene	7.123	95	82477	44.036	ug/L	95
46) Tetrachloroethene	9.275	164	1321	1.069	ug/L	94

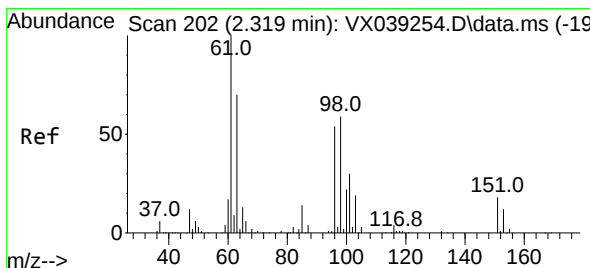
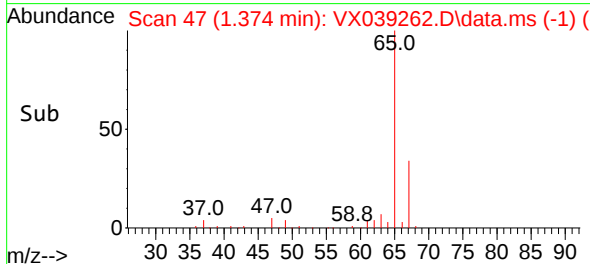
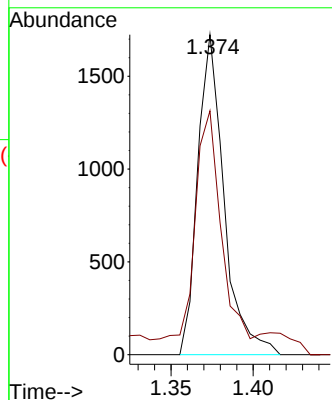
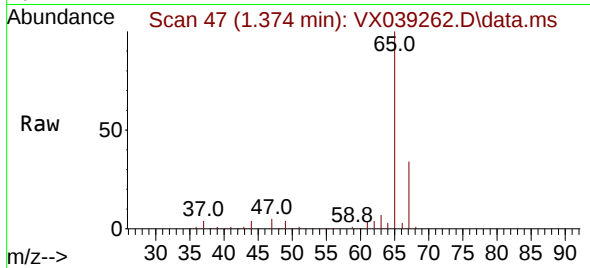
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 0.977 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039262.D
 Acq: 16 Dec 2023 04:17

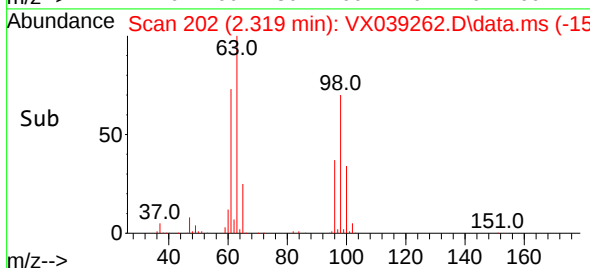
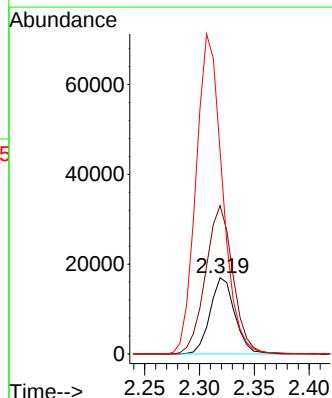
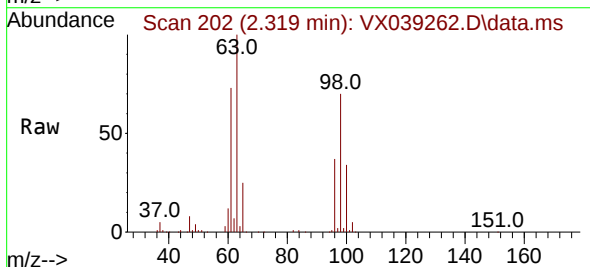
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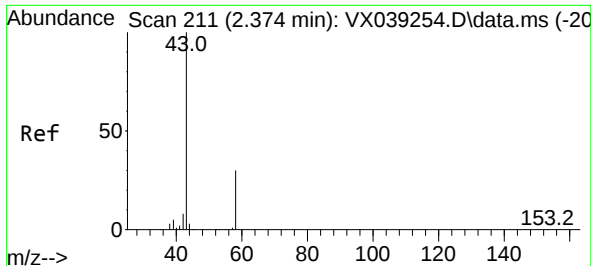
Tgt Ion: 62 Resp: 1922
 Ion Ratio Lower Upper
 62 100
 64 76.2 22.3 41.3#



#12
 1,1-Dichloroethene
 Concen: 17.247 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX039262.D
 Acq: 16 Dec 2023 04:17

Tgt Ion: 96 Resp: 26595
 Ion Ratio Lower Upper
 96 100
 61 194.7 128.0 237.6
 63 266.7 101.5 188.5#

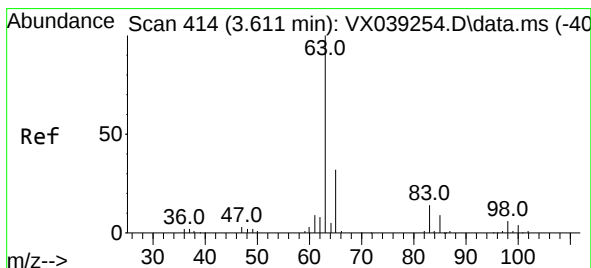
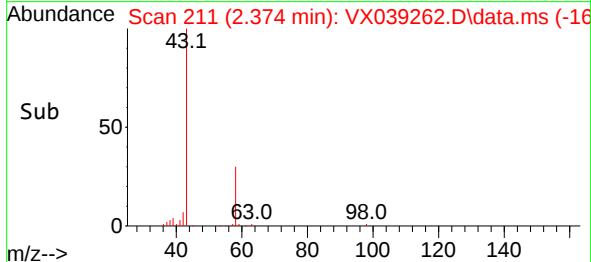
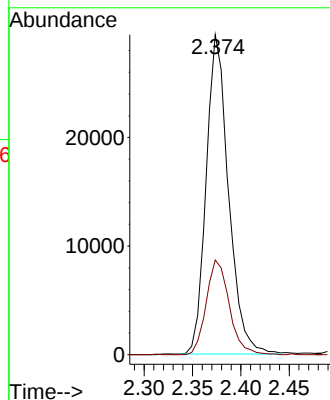
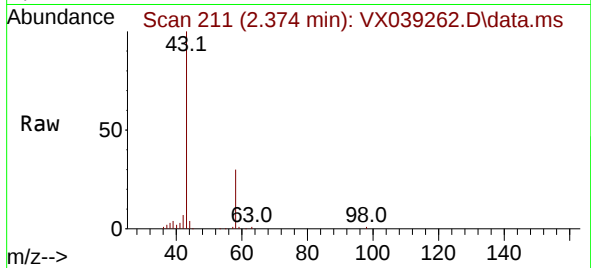




#13
Acetone
Concen: 29.045 ug/L
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039262.D
Acq: 16 Dec 2023 04:17

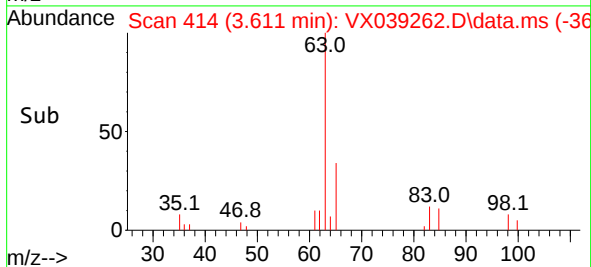
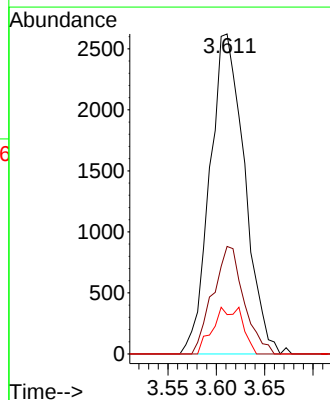
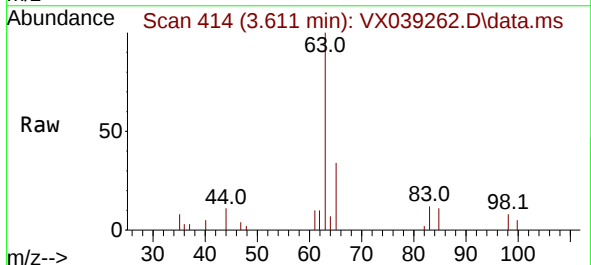
Instrument :
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ClientSampleId :
YCHE3

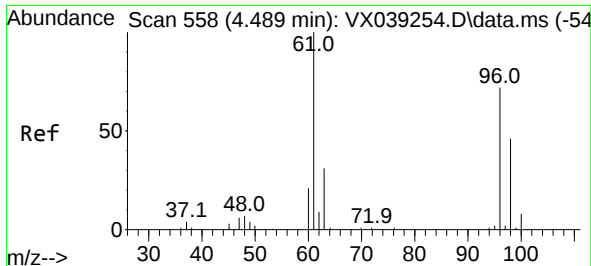
Tgt Ion: 43 Resp: 47418
Ion Ratio Lower Upper
43 100
58 30.5 0.0 65.8



#19
1,1-Dichloroethane
Concen: 2.032 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX039262.D
Acq: 16 Dec 2023 04:17

Tgt Ion: 63 Resp: 6528
Ion Ratio Lower Upper
63 100
65 33.6 21.1 39.3
83 12.3 9.7 17.9

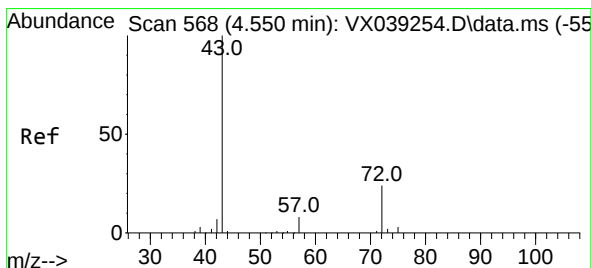
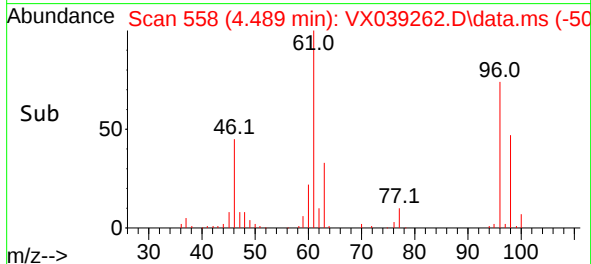
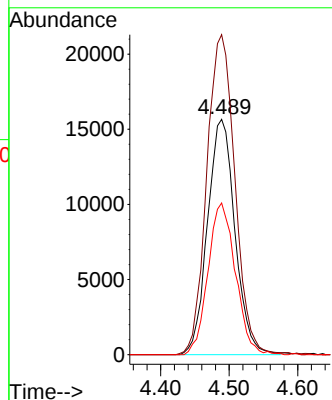
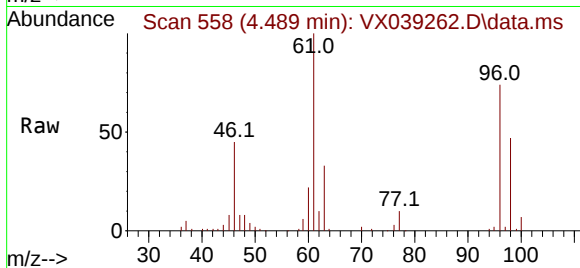




#20
cis-1,2-Dichloroethene
Concen: 23.120 ug/L
RT: 4.489 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX039262.D
Acq: 16 Dec 2023 04:17

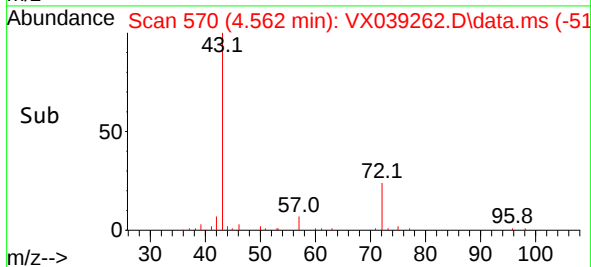
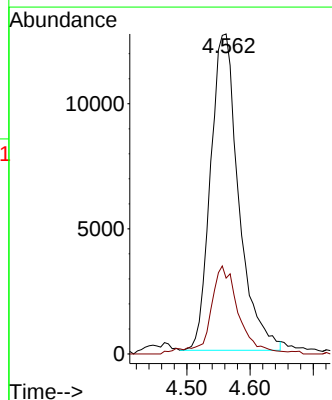
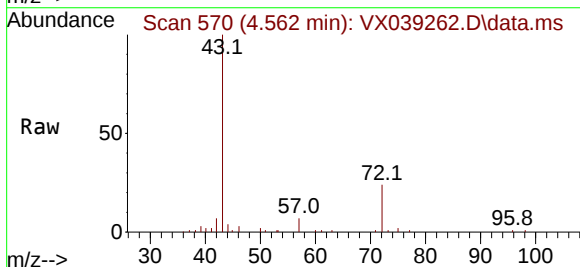
Instrument :
MSVOA_X
ClientSampleId :
YCHE3

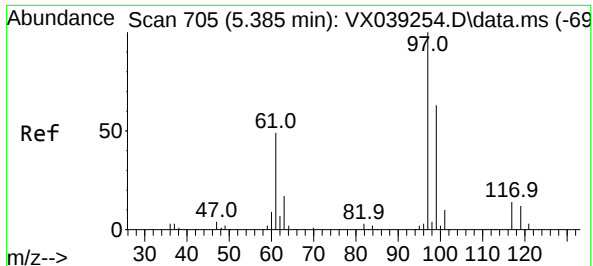
Tgt Ion: 96 Resp: 43569
Ion Ratio Lower Upper
96 100
61 135.9 91.7 170.3
98 64.4 44.2 82.2



#22
2-Butanone
Concen: 19.516 ug/L
RT: 4.562 min Scan# 570
Delta R.T. 0.018 min
Lab File: VX039262.D
Acq: 16 Dec 2023 04:17

Tgt Ion: 43 Resp: 39103
Ion Ratio Lower Upper
43 100
72 22.7 12.6 37.6

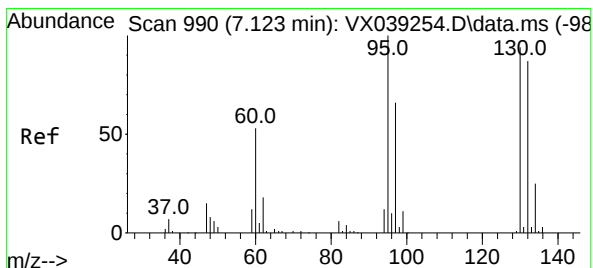
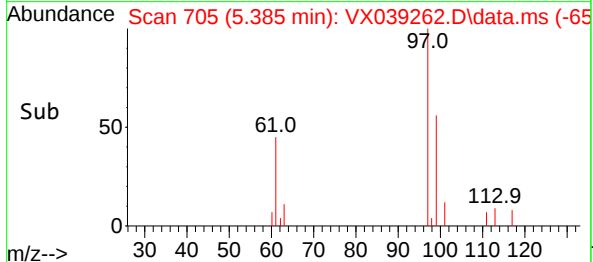
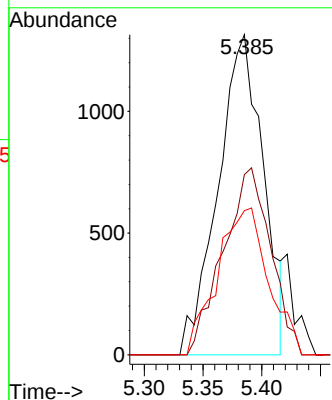
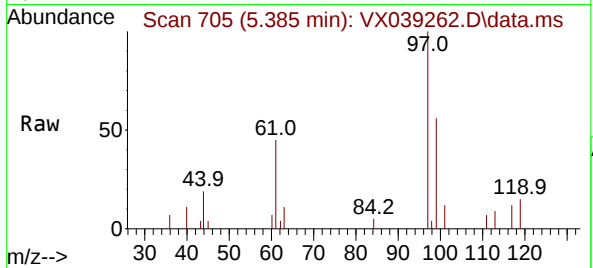




#30
1,1,1-Trichloroethane
Concen: 1.302 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX039262.D
Acq: 16 Dec 2023 04:17

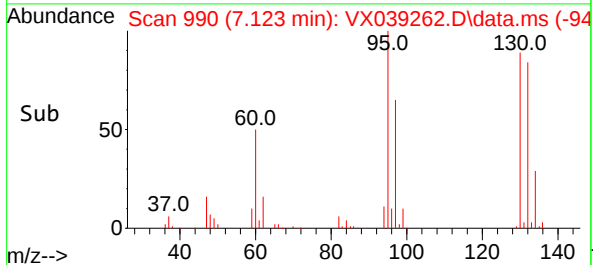
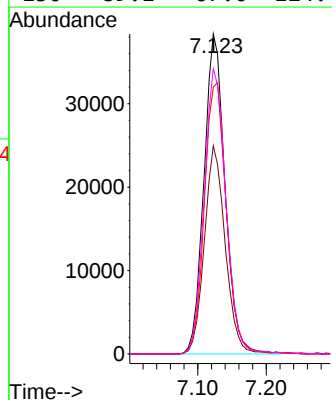
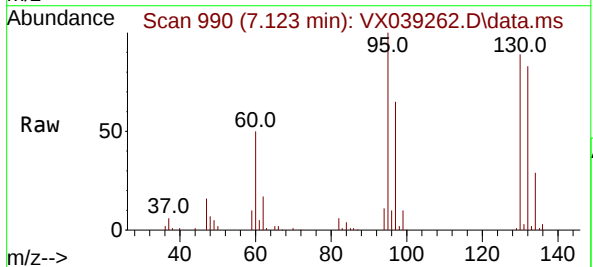
Instrument :
MSVOA_X
ClientSampleId :
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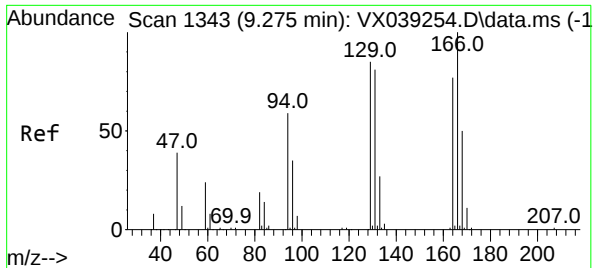
Tgt Ion: 97 Resp: 3524
Ion Ratio Lower Upper
97 100
99 61.1 51.0 76.4
61 51.8 36.7 55.1



#34
Trichloroethene
Concen: 44.036 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX039262.D
Acq: 16 Dec 2023 04:17

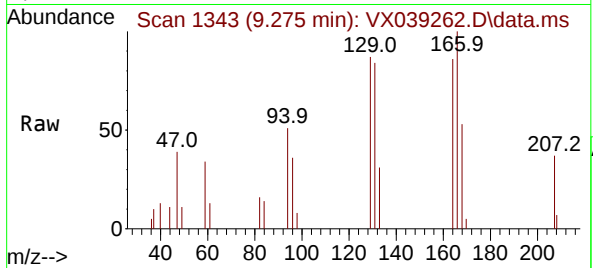
Tgt Ion: 95 Resp: 82477
Ion Ratio Lower Upper
95 100
97 65.1 45.5 84.5
132 83.4 62.2 115.4
130 89.1 67.0 124.4





#46
 Tetrachloroethene
 Concen: 1.069 ug/L
 RT: 9.275 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX039262.D
 Acq: 16 Dec 2023 04:17

Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE3



Tgt Ion:	164	Resp:	1321
Ion	Ratio	Lower	Upper
164	100		
129	101.1	71.9	133.5
131	96.7	69.5	129.1
166	115.7	90.3	167.7

