

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039293.D
 Acq On : 16 Dec 2023 16:16
 Operator : JC/MD
 Sample : 05845-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 21:13:12 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)

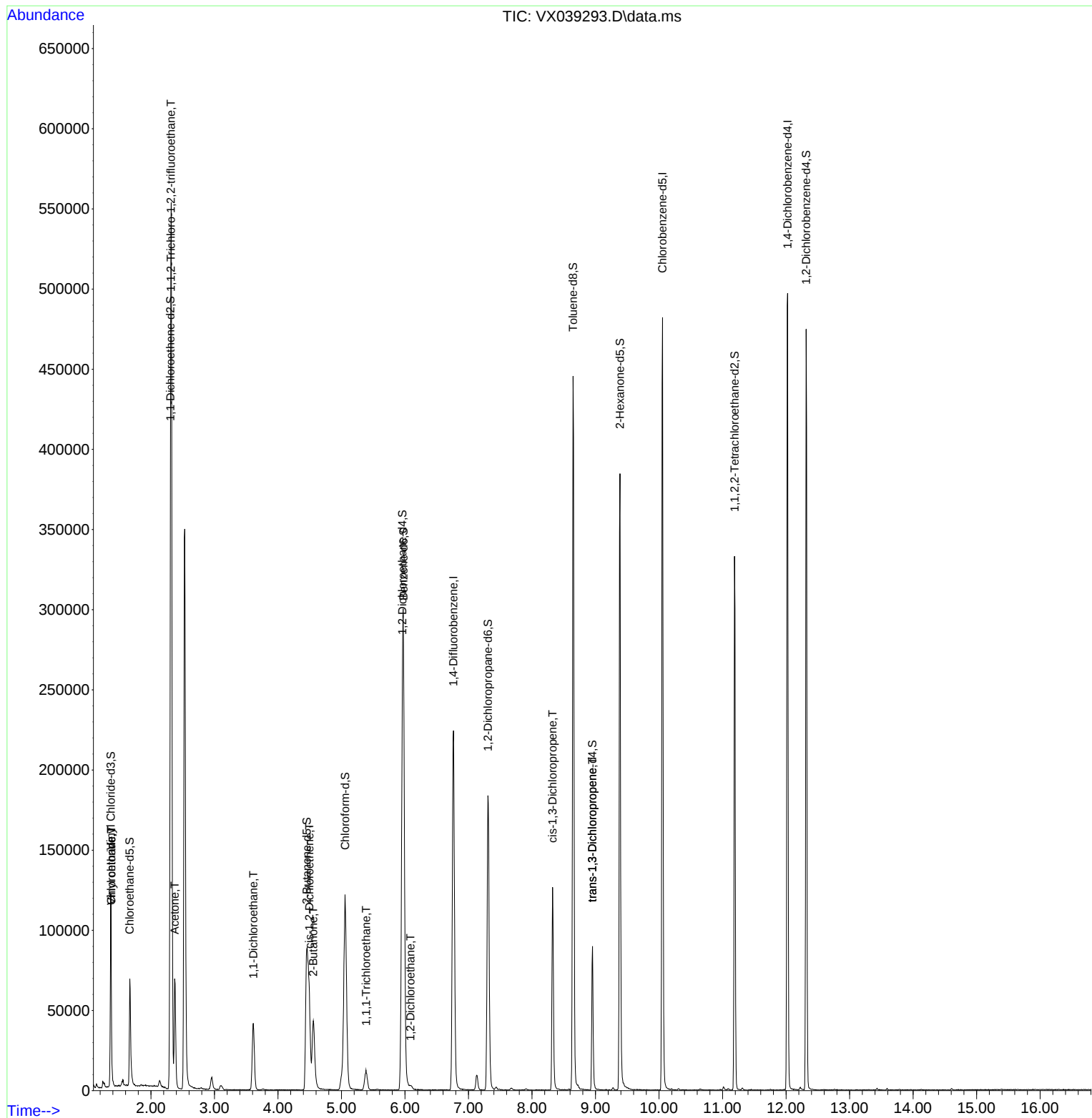
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	217723	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	201568	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	96385	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	68072	39.862	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.720%
7) Chloroethane-d5	1.666	69	52471	41.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.140%
11) 1,1-Dichloroethene-d2	2.307	65	34958	46.634	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.260%
21) 2-Butanone-d5	4.452	46	148353	95.971	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.970%
24) Chloroform-d	5.056	84	142827	47.246	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.500%
26) 1,2-Dichloroethane-d4	5.958	65	97884	49.997	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.000%
32) Benzene-d6	5.977	84	289852	46.594	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.180%
36) 1,2-Dichloropropane-d6	7.306	67	93245	46.577	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.160%
41) Toluene-d8	8.647	98	257824	45.734	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.460%
43) trans-1,3-Dichloroprop...	8.952	79	41864	41.092	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.180%
47) 2-Hexanone-d5	9.385	63	104794	87.641	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.640%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	128871	45.377	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.760%
66) 1,2-Dichlorobenzene-d4	12.317	152	85527	46.945	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.900%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	8628	4.824	ug/L	89
8) Chloroethane	1.374	64	3554	3.515	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	1322	0.887	ug/L #	46
13) Acetone	2.374	43	70326	47.357	ug/L	96
19) 1,1-Dichloroethane	3.611	63	47304	16.188	ug/L	96
20) cis-1,2-Dichloroethene	4.495	96	27550	16.072	ug/L	96
22) 2-Butanone	4.556	43	77833	42.707	ug/L	100
27) 1,2-Dichloroethane	6.086	62	2600	1.130	ug/L #	93
30) 1,1,1-Trichloroethane	5.385	97	10947	4.476	ug/L	96
39) cis-1,3-Dichloropropene	8.324	75	3123	1.102	ug/L #	69
44) trans-1,3-Dichloropropene	8.952	75	2050	0.780	ug/L #	63

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

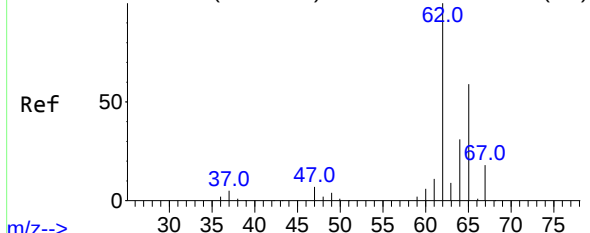
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
Data File : VX039293.D
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Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration

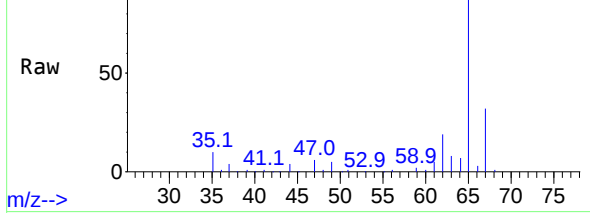


Abundance Scan 47 (1.374 min): VX039277.D\data.ms (-43)



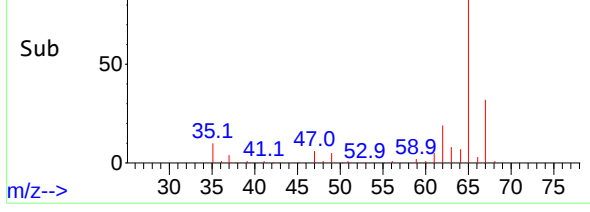
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Abundance Scan 47 (1.374 min): VX039293.D\data.ms



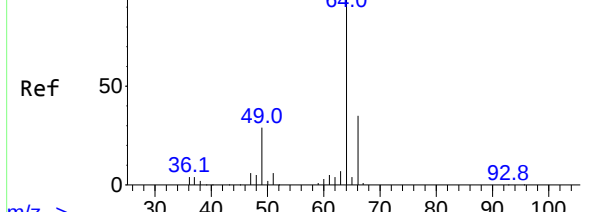
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Abundance Scan 47 (1.374 min): VX039293.D\data.ms (-1)



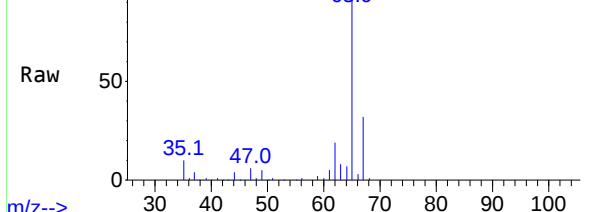
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Abundance Scan 98 (1.685 min): VX039277.D\data.ms (-93)



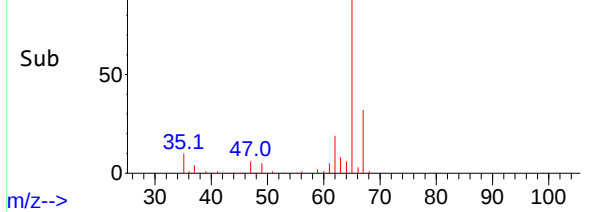
m/z-->

Abundance Scan 47 (1.374 min): VX039293.D\data.ms



m/z-->

Abundance Scan 47 (1.374 min): VX039293.D\data.ms (-33)



m/z-->

#5

Vinyl chloride

Concen: 4.824 ug/L

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX039293.D

Acq: 16 Dec 2023 16:16

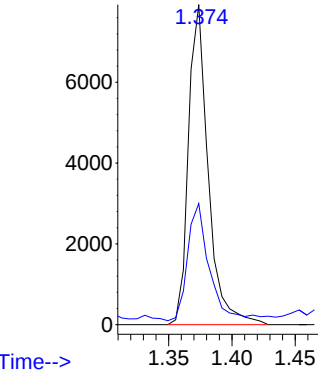
Tgt Ion: 62 Resp: 8628

Ion Ratio Lower Upper

62 100

64 37.8 22.3 41.3

Abundance



Time-->

#8

Chloroethane

Concen: 3.515 ug/L

RT: 1.374 min Scan# 47

Delta R.T. -0.317 min

Lab File: VX039293.D

Acq: 16 Dec 2023 16:16

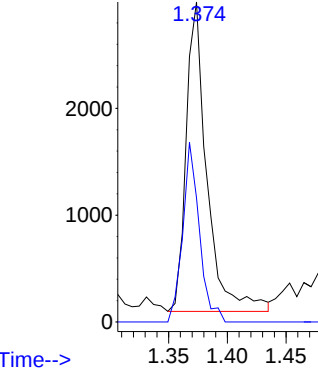
Tgt Ion: 64 Resp: 3554

Ion Ratio Lower Upper

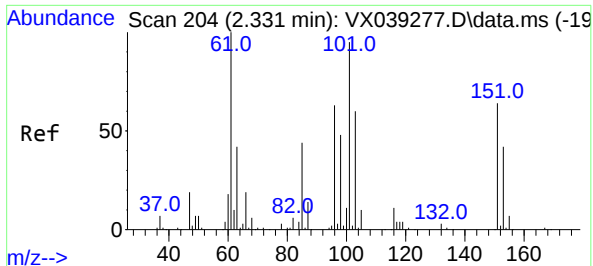
64 100

66 38.8 23.4 43.6

Abundance

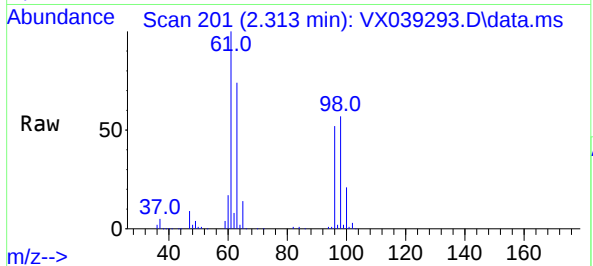


Time-->

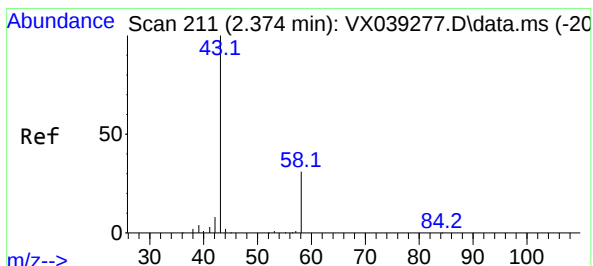
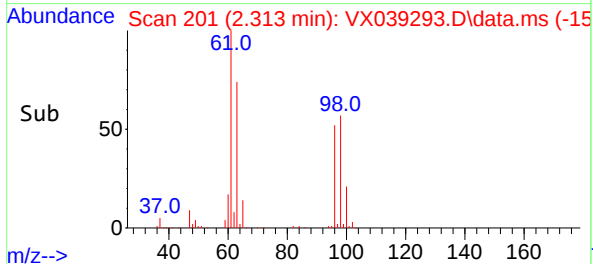
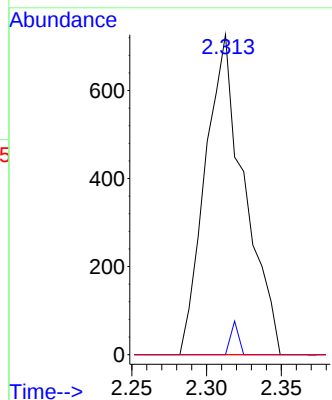


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.887 ug/L
RT: 2.313 min Scan# 204
Delta R.T. -0.018 min
Lab File: VX039293.D
Acq: 16 Dec 2023 16:16

Instrument :
MSVOA_X
ClientSampleId :

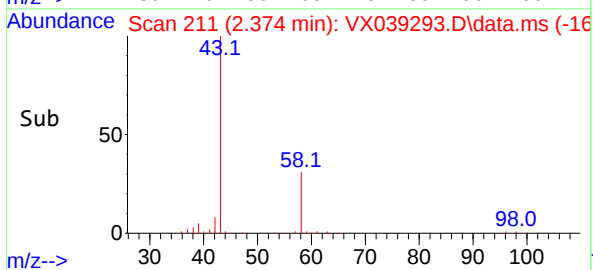
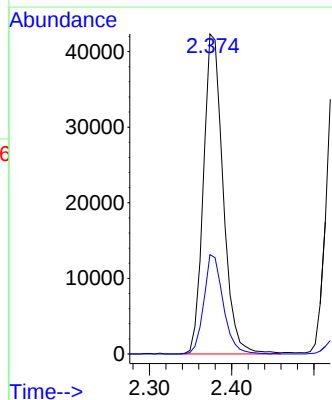
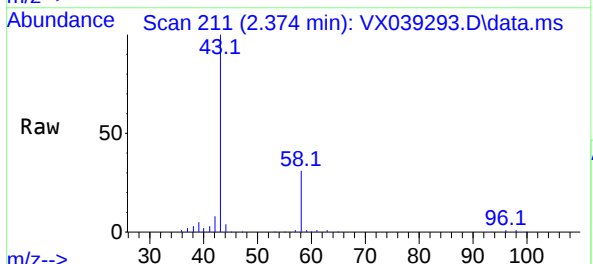


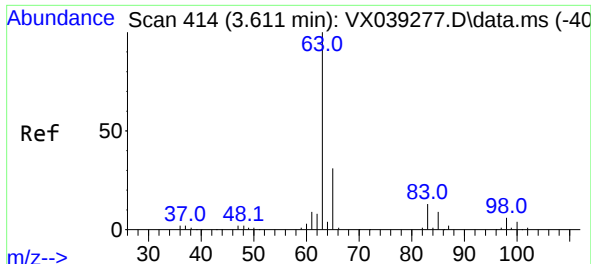
Tgt Ion:101 Resp: 1322
Ion Ratio Lower Upper
101 100
85 48.1 35.8 53.6
151 0.0 55.4 83.2#



#13
Acetone
Concen: 47.357 ug/L
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039293.D
Acq: 16 Dec 2023 16:16

Tgt Ion: 43 Resp: 70326
Ion Ratio Lower Upper
43 100
58 30.5 0.0 65.8





#19

1,1-Dichloroethane

Concen: 16.188 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX039293.D

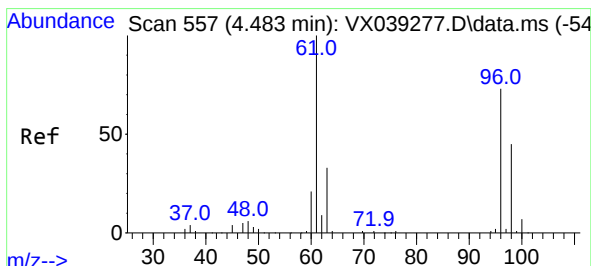
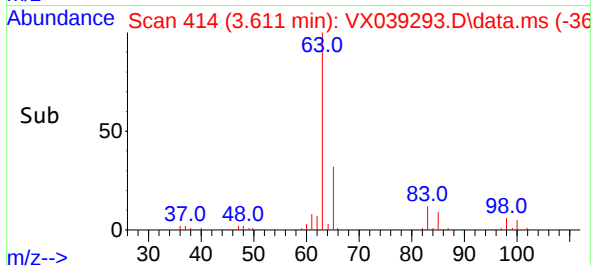
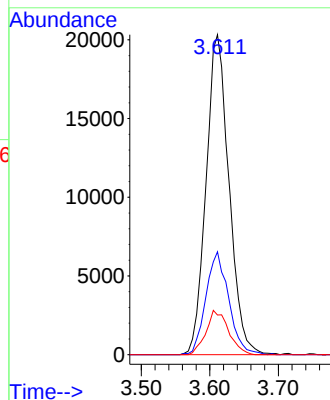
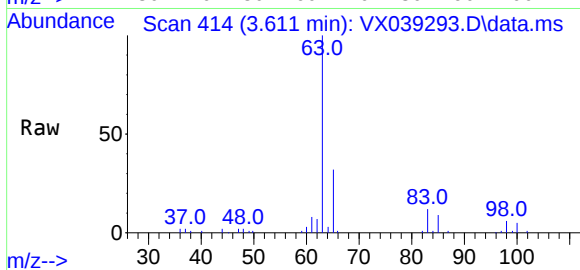
Acq: 16 Dec 2023 16:16

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	63	Resp:	47304
Ion	Ratio	Lower	Upper
63	100		
65	32.1	21.1	39.3
83	12.4	9.7	17.9



#20

cis-1,2-Dichloroethene

Concen: 16.072 ug/L

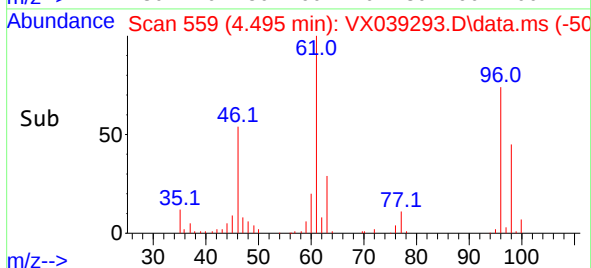
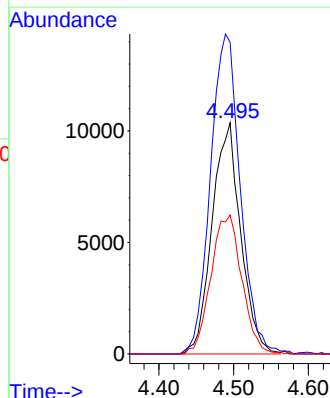
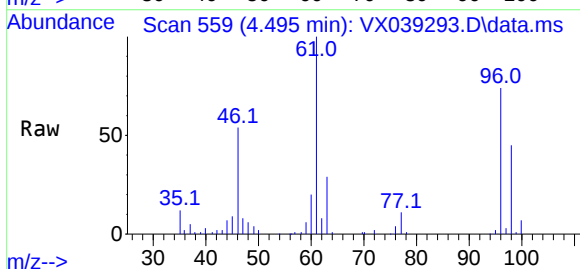
RT: 4.495 min Scan# 559

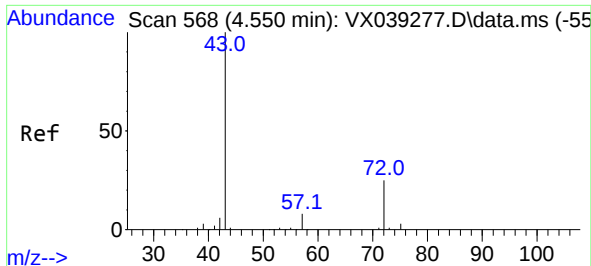
Delta R.T. 0.012 min

Lab File: VX039293.D

Acq: 16 Dec 2023 16:16

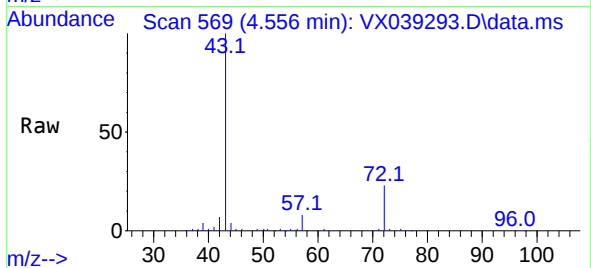
Tgt Ion:	96	Resp:	27550
Ion	Ratio	Lower	Upper
96	100		
61	134.8	91.7	170.3
98	60.1	44.2	82.2



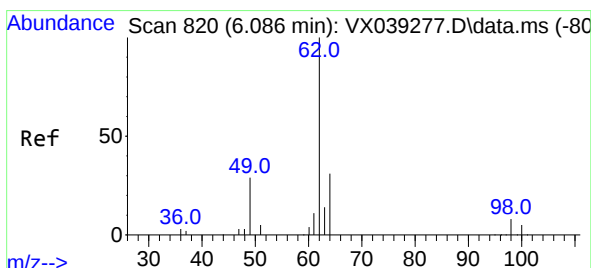
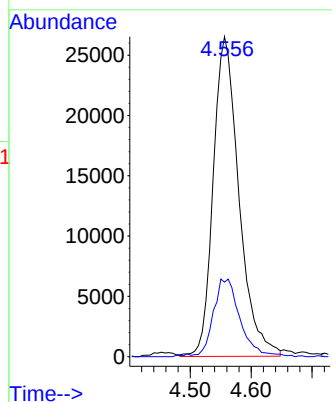
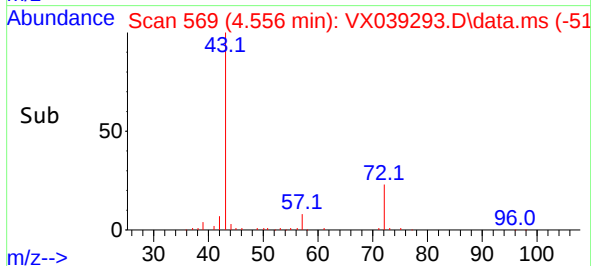


#22
2-Butanone
Concen: 42.707 ug/L
RT: 4.556 min Scan# 50
Delta R.T. 0.012 min
Lab File: VX039293.D
Acq: 16 Dec 2023 16:16

Instrument :
MSVOA_X
ClientSampleId :

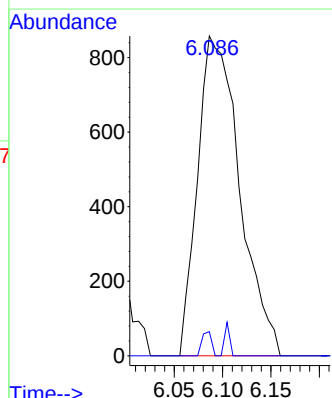
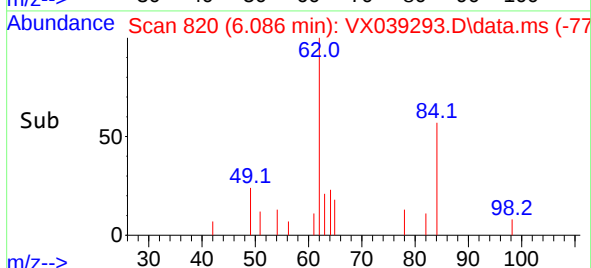
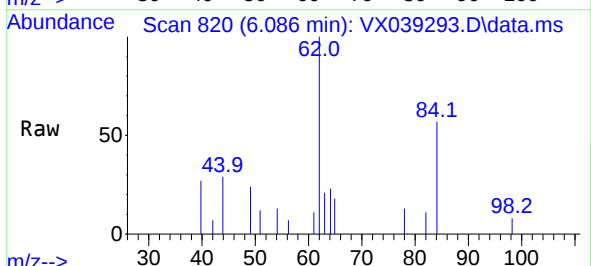


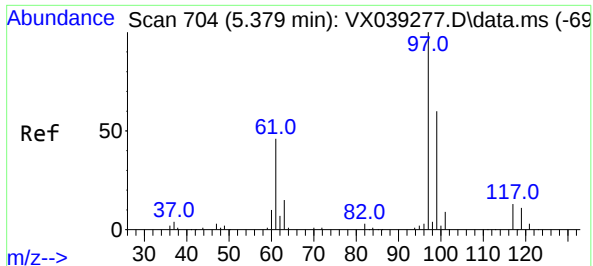
Tgt Ion: 43 Resp: 77833
Ion Ratio Lower Upper
43 100
72 25.1 12.6 37.6



#27
1,2-Dichloroethane
Concen: 1.130 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039293.D
Acq: 16 Dec 2023 16:16

Tgt Ion: 62 Resp: 2600
Ion Ratio Lower Upper
62 100
98 7.6 8.0 12.0#

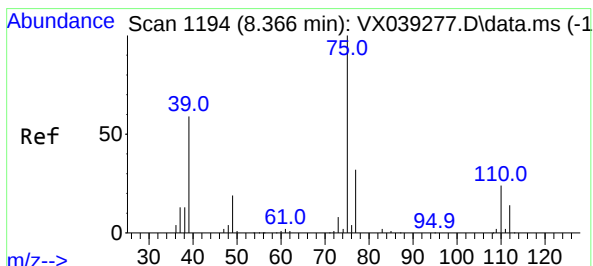
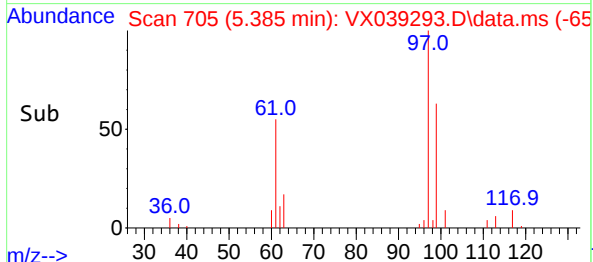
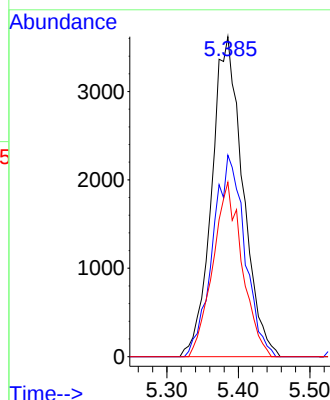
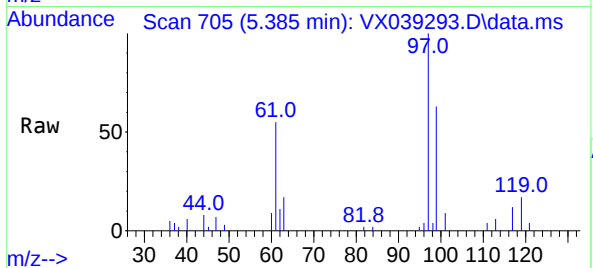




#30
1,1,1-Trichloroethane
Concen: 4.476 ug/L
RT: 5.385 min Scan# 704
Delta R.T. 0.012 min
Lab File: VX039293.D
Acq: 16 Dec 2023 16:16

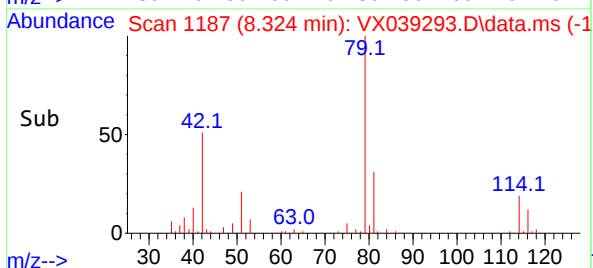
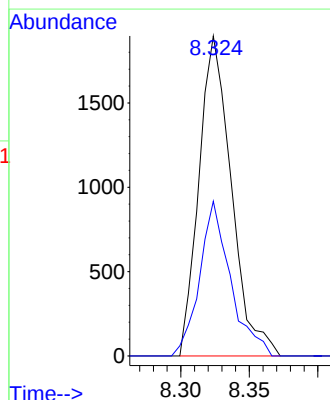
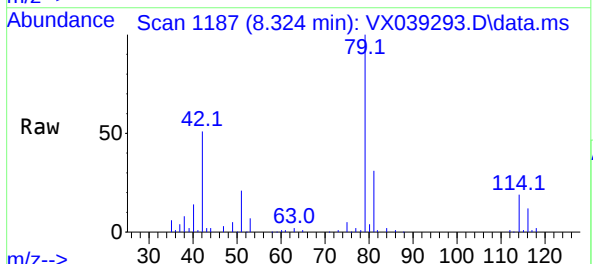
Instrument :
MSVOA_X
ClientSampleId :

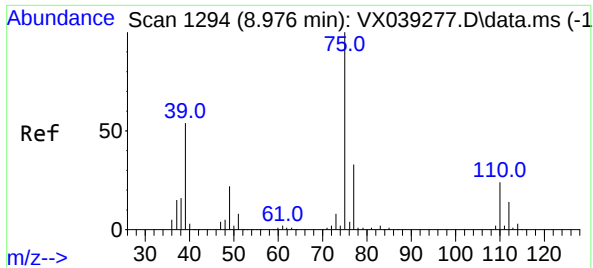
Tgt Ion: 97 Resp: 10947
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.4
61 51.2 36.7 55.1



#39
cis-1,3-Dichloropropene
Concen: 1.102 ug/L
RT: 8.324 min Scan# 1187
Delta R.T. -0.037 min
Lab File: VX039293.D
Acq: 16 Dec 2023 16:16

Tgt Ion: 75 Resp: 3123
Ion Ratio Lower Upper
75 100
77 48.3 22.0 40.8#





#44
trans-1,3-Dichloropropene
Concen: 0.780 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX039293.D
Acq: 16 Dec 2023 16:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 2050
Ion Ratio Lower Upper
75 100
77 51.8 22.0 40.8#

