

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
 Data File : VX039351.D
 Acq On : 19 Dec 2023 13:16
 Operator : JC/MD
 Sample : 05835-13ME
 Misc : 2.05g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 22:04:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 19 22:02:33 2023
 Response via : Initial Calibration

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

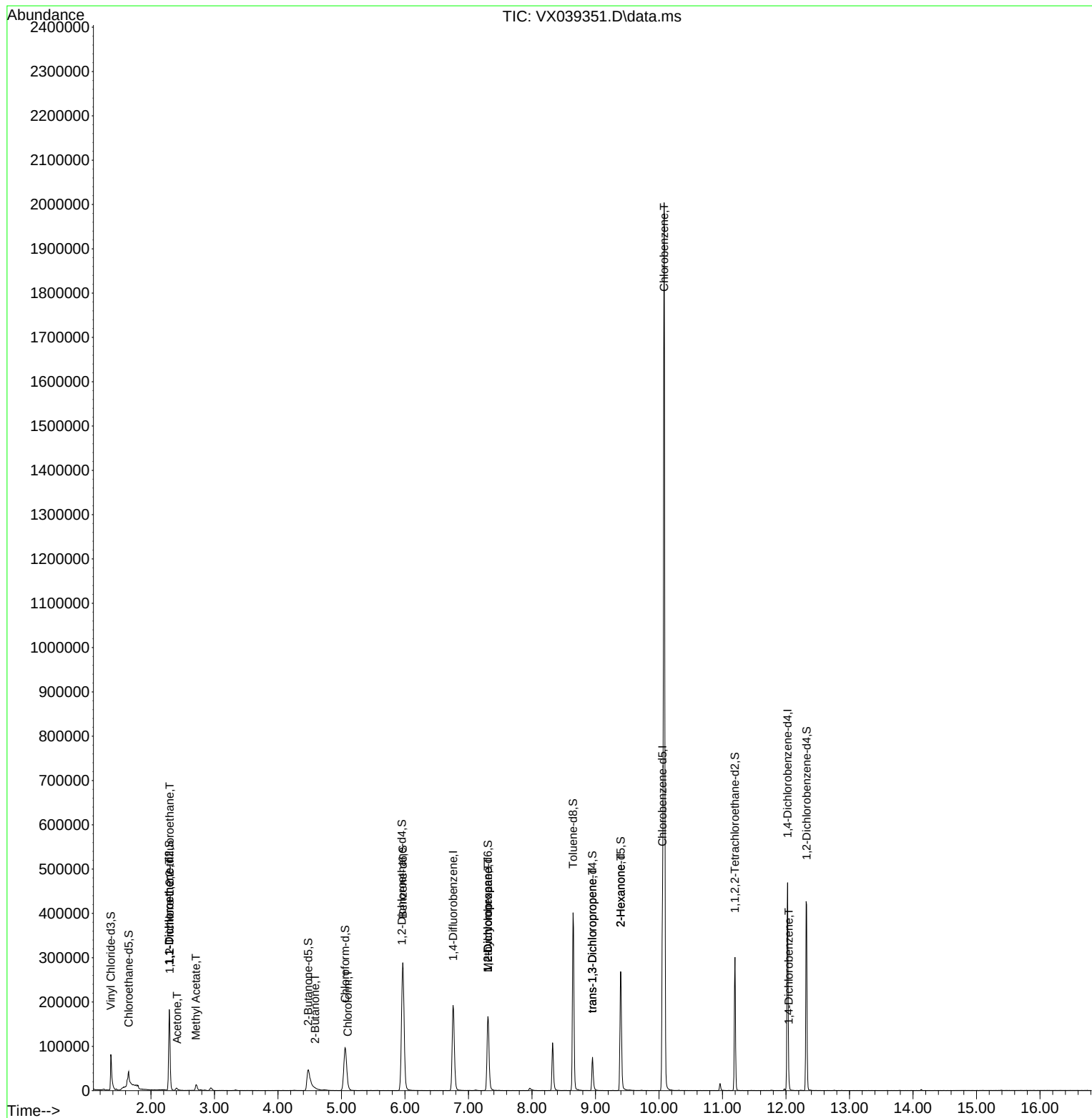
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	192249	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	175458	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	87419	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	73974	49.058	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.120%
7) Chloroethane-d5	1.648	69	27687	24.841	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	49.680%#
11) 1,1-Dichloroethene-d2	2.288	65	32746	49.472	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.940%
21) 2-Butanone-d5	4.477	46	116844	85.603	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.600%
24) Chloroform-d	5.056	84	123280	46.184	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.360%
26) 1,2-Dichloroethane-d4	5.952	65	92520	53.519	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.040%
32) Benzene-d6	5.964	84	267988	49.490	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.980%
36) 1,2-Dichloropropane-d6	7.306	67	85745	49.204	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.400%
41) Toluene-d8	8.647	98	238123	48.525	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.040%
43) trans-1,3-Dichloroprop...	8.952	79	36583	41.252	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.500%
47) 2-Hexanone-d5	9.397	63	90924	87.357	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.360%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	112711	45.593	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.180%
66) 1,2-Dichlorobenzene-d4	12.323	152	79234	47.952	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.900%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.294	101	1070	0.813	ug/L #	25
12) 1,1-Dichloroethene	2.288	96	793	0.640	ug/L #	1
13) Acetone	2.410	43	6734	5.136	ug/L	90
15) Methyl Acetate	2.709	43	17892	9.546	ug/L	97
22) 2-Butanone	4.587	43	2877	1.788	ug/L	85
25) Chloroform	5.099	83	6829	2.654	ug/L	83
35) Methylcyclohexane	7.306	83	19680	8.019	ug/L #	19
37) 1,2-Dichloropropane	7.306	63	10153	6.566	ug/L #	89
44) trans-1,3-Dichloropropene	8.952	75	2109	0.921	ug/L	85
48) 2-Hexanone	9.397	43	11199	5.163	ug/L #	68
51) Chlorobenzene	10.080	112	823393	225.444	ug/L	94
65) 1,4-Dichlorobenzene	12.043	146	4372	1.578	ug/L	94

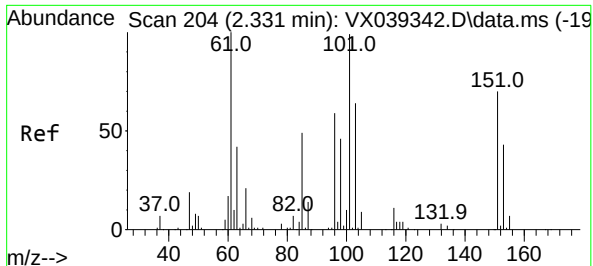
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 19 22:02:33 2023
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.813 ug/L

RT: 2.294 min Scan# 19

Delta R.T. -0.037 min

Lab File: VX039351.D

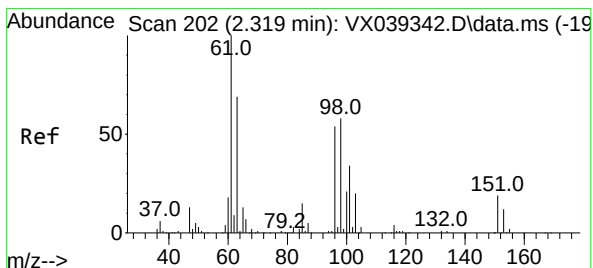
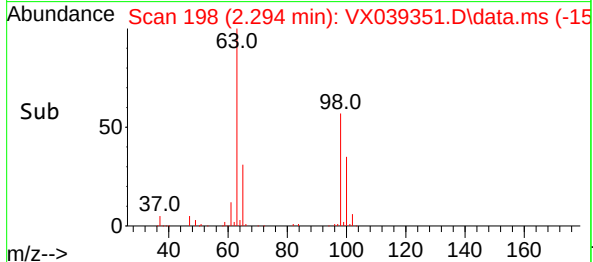
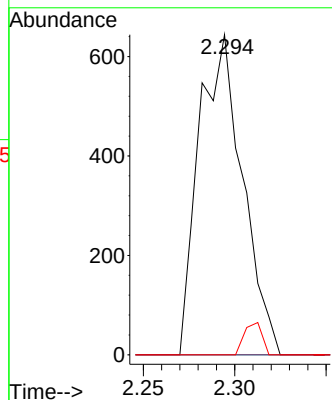
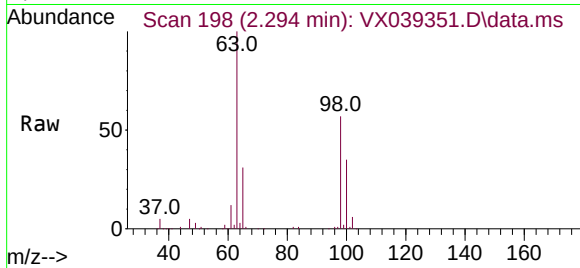
Acq: 19 Dec 2023 13:16

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	101	Resp:	1070
Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.8	53.6#
151	4.1	55.4	83.2#



#12

1,1-Dichloroethene

Concen: 0.640 ug/L

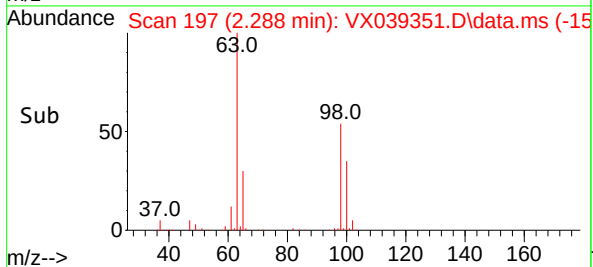
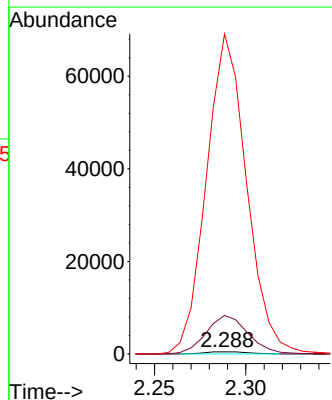
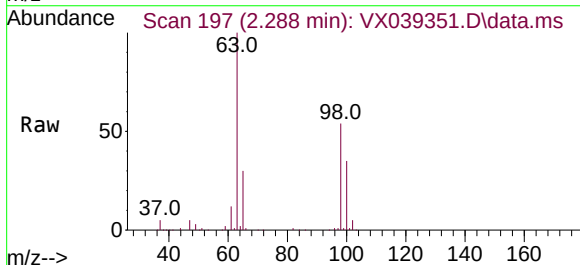
RT: 2.288 min Scan# 197

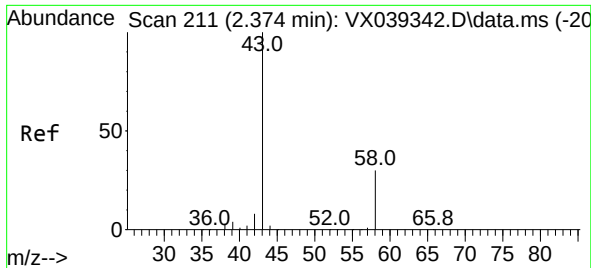
Delta R.T. -0.030 min

Lab File: VX039351.D

Acq: 19 Dec 2023 13:16

Tgt Ion:	96	Resp:	793
Ion	Ratio	Lower	Upper
96	100		
61	1834.4	128.0	237.6#
63	15228.2	101.5	188.5#





#13

Acetone

Concen: 5.136 ug/L

RT: 2.410 min Scan# 211

Delta R.T. 0.037 min

Lab File: VX039351.D

Acq: 19 Dec 2023 13:16

Instrument :

MSVOA_X

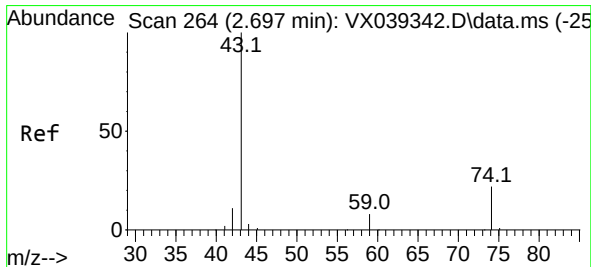
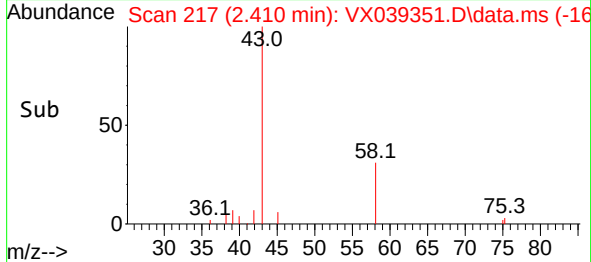
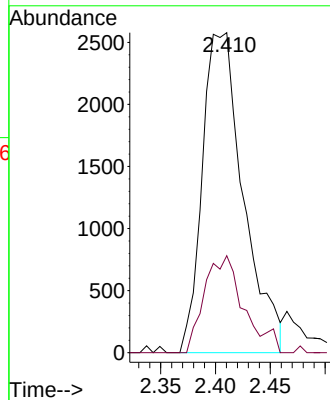
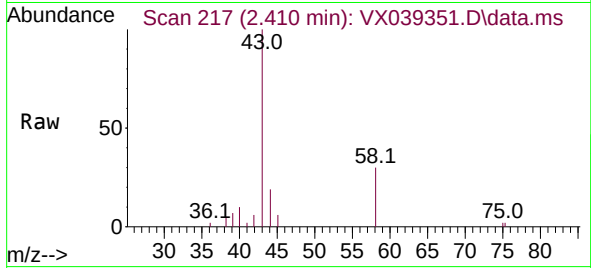
ClientSampleId :

Tgt Ion: 43 Resp: 6734

Ion Ratio Lower Upper

43 100

58 27.1 0.0 65.8



#15

Methyl Acetate

Concen: 9.546 ug/L

RT: 2.709 min Scan# 266

Delta R.T. 0.012 min

Lab File: VX039351.D

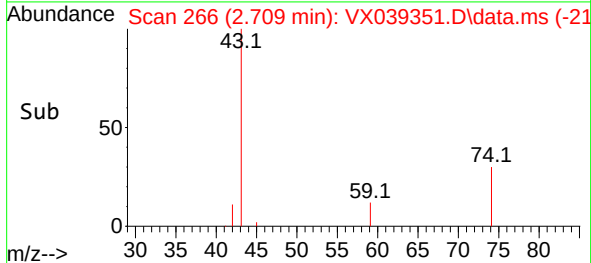
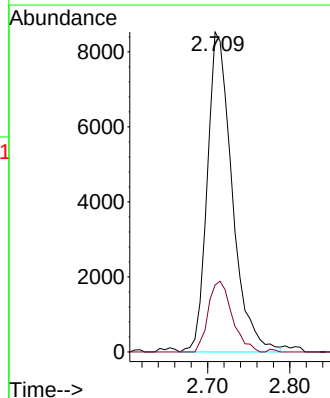
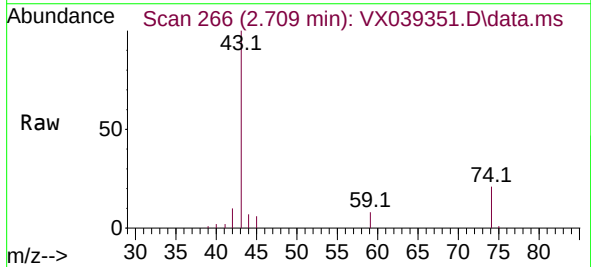
Acq: 19 Dec 2023 13:16

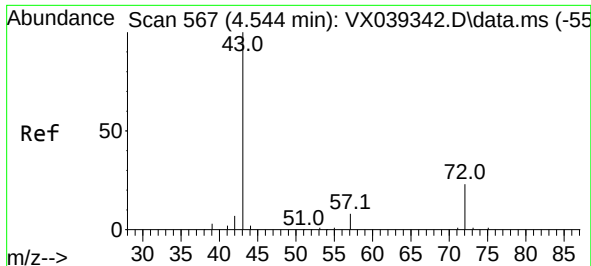
Tgt Ion: 43 Resp: 17892

Ion Ratio Lower Upper

43 100

74 21.2 18.2 27.4

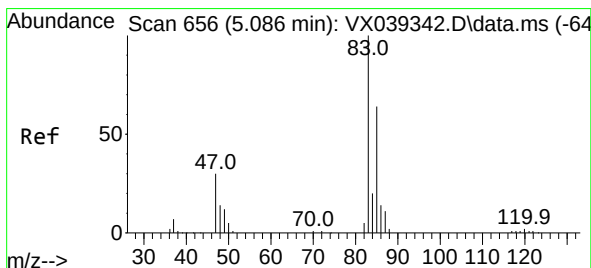
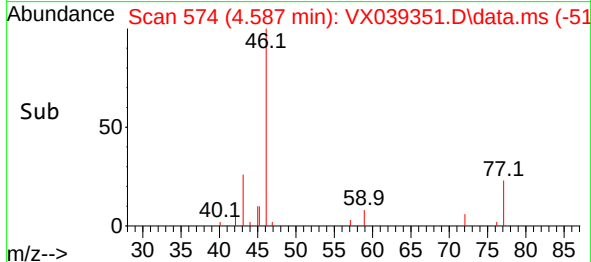
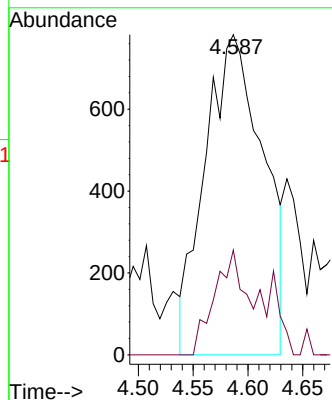
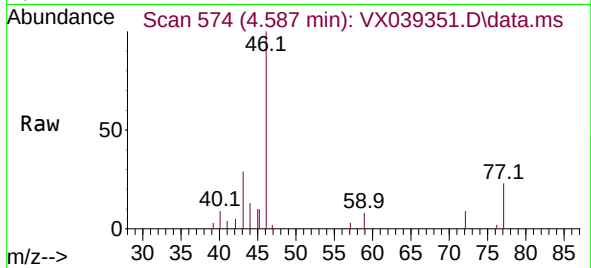




#22
2-Butanone
Concen: 1.788 ug/L
RT: 4.587 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX039351.D
Acq: 19 Dec 2023 13:16

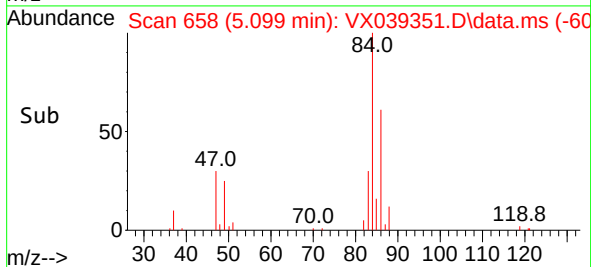
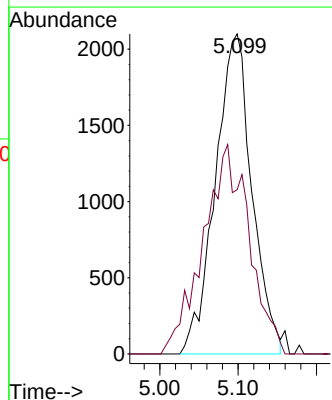
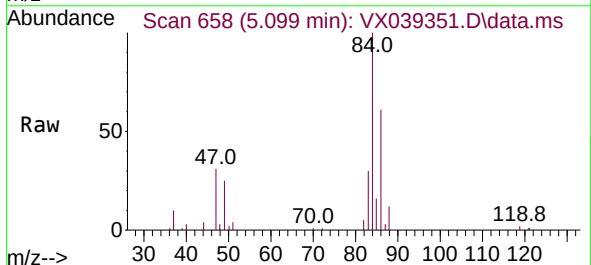
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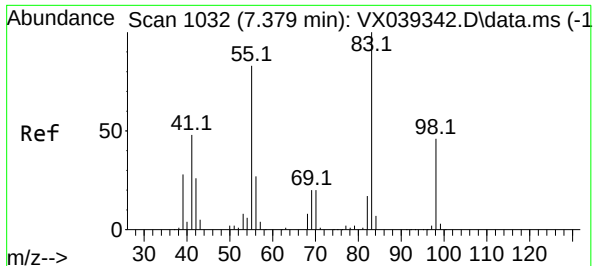
Tgt Ion: 43 Resp: 2877
Ion Ratio Lower Upper
43 100
72 17.3 12.6 37.6



#25
Chloroform
Concen: 2.654 ug/L
RT: 5.099 min Scan# 658
Delta R.T. 0.012 min
Lab File: VX039351.D
Acq: 19 Dec 2023 13:16

Tgt Ion: 83 Resp: 6829
Ion Ratio Lower Upper
83 100
85 51.3 45.1 83.7

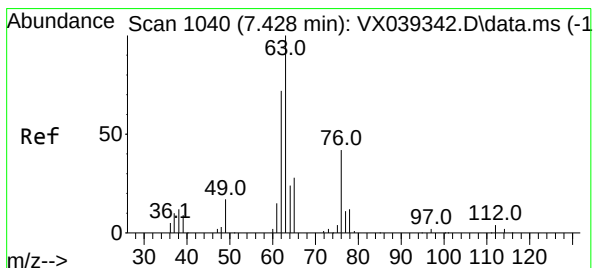
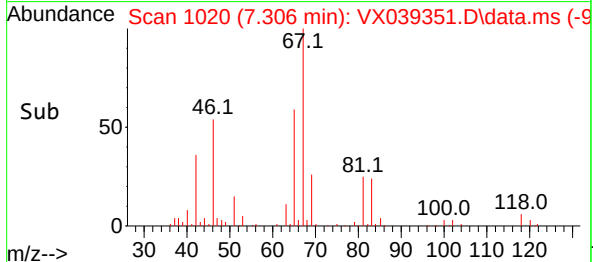
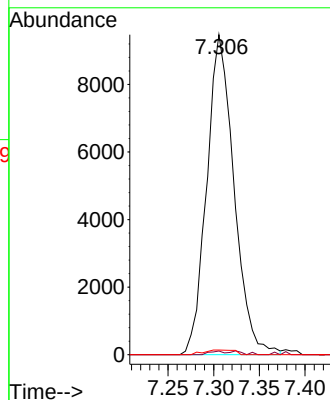
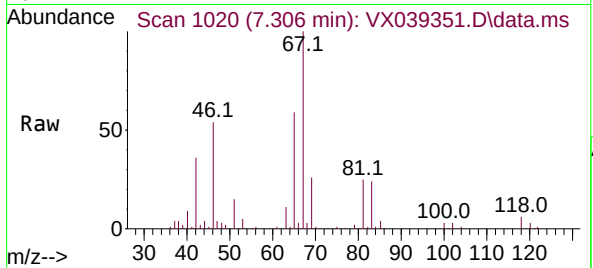




#35
Methylcyclohexane
Concen: 8.019 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.073 min
Lab File: VX039351.D
Acq: 19 Dec 2023 13:16

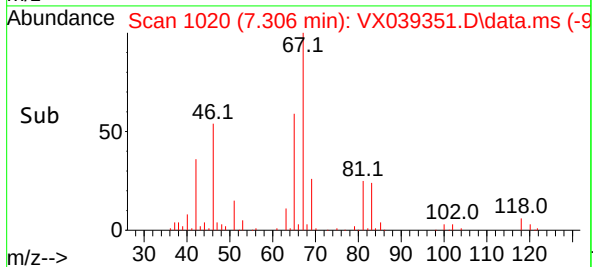
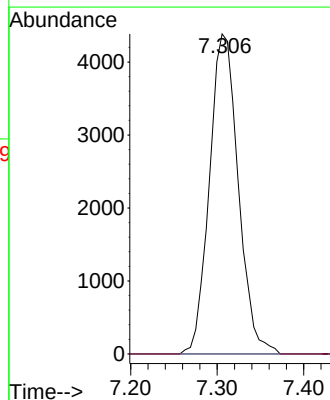
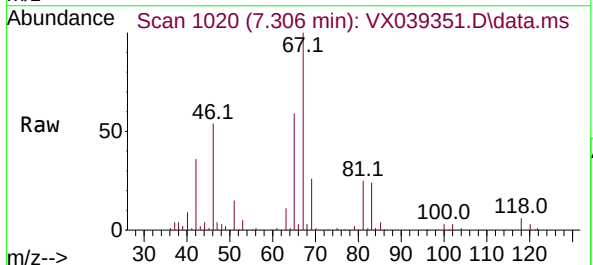
Instrument :
MSVOA_X
ClientSampleId :

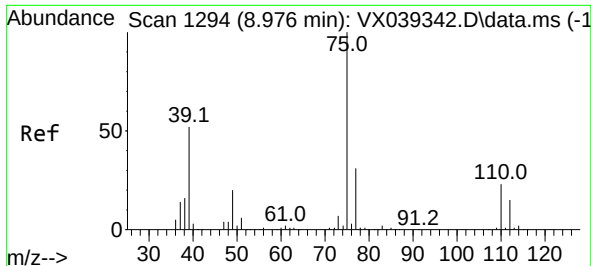
Tgt Ion: 83 Resp: 19680
Ion Ratio Lower Upper
83 100
55 0.6 62.5 93.7#
98 1.4 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 6.566 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.122 min
Lab File: VX039351.D
Acq: 19 Dec 2023 13:16

Tgt Ion: 63 Resp: 10153
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#

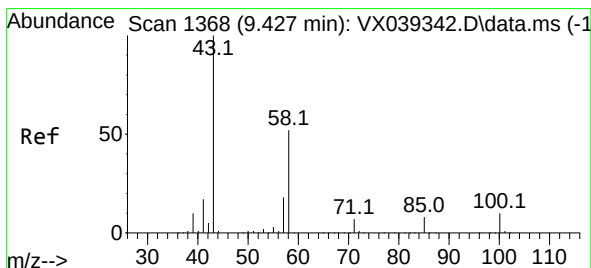
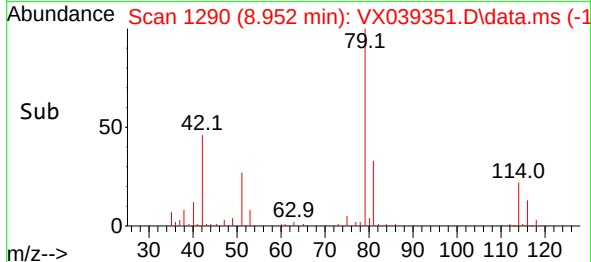
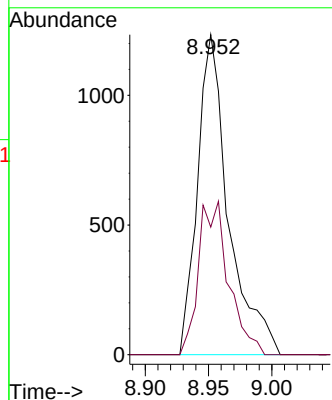
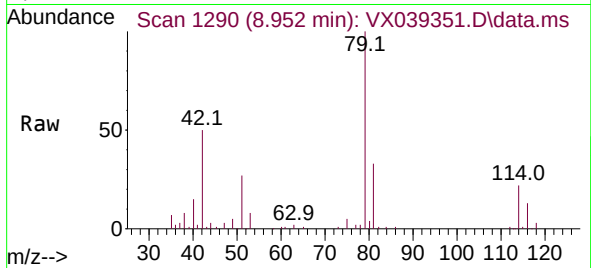




#44
trans-1,3-Dichloropropene
Concen: 0.921 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX039351.D
Acq: 19 Dec 2023 13:16

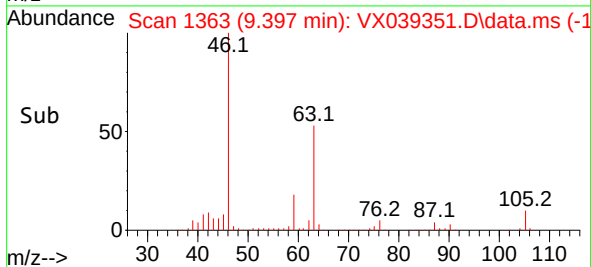
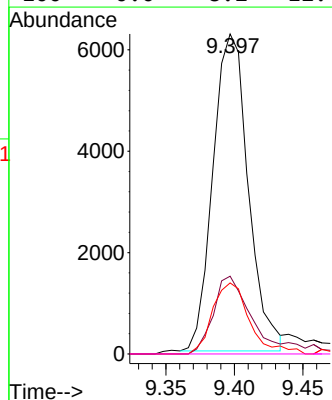
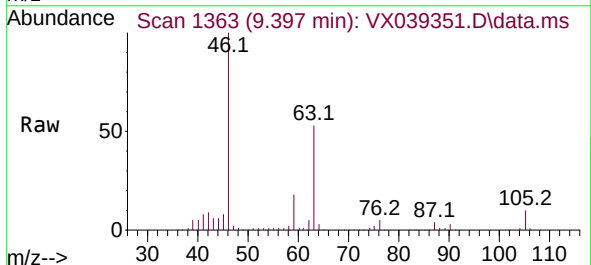
Instrument :
MSVOA_X
ClientSampleId :

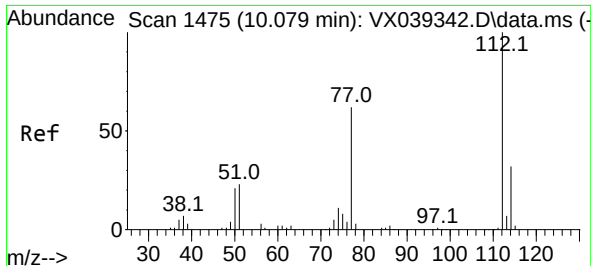
Tgt Ion: 75 Resp: 2109
Ion Ratio Lower Upper
75 100
77 39.9 22.0 40.8



#48
2-Hexanone
Concen: 5.163 ug/L
RT: 9.397 min Scan# 1363
Delta R.T. -0.030 min
Lab File: VX039351.D
Acq: 19 Dec 2023 13:16

Tgt Ion: 43 Resp: 11199
Ion Ratio Lower Upper
43 100
58 25.3 43.0 64.6#
57 23.5 14.6 21.8#
100 0.0 8.2 12.4#

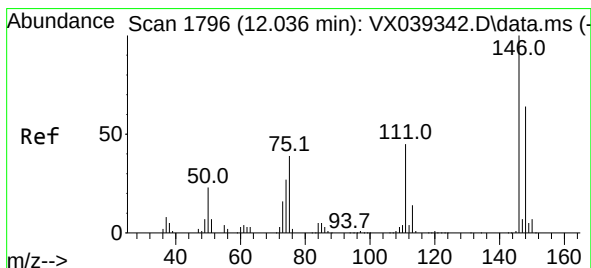
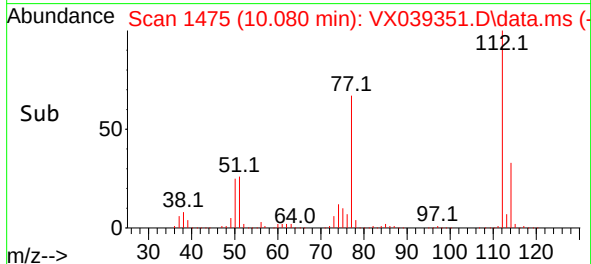
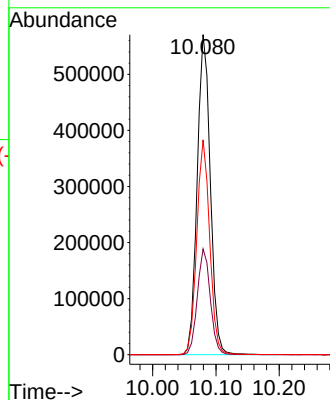
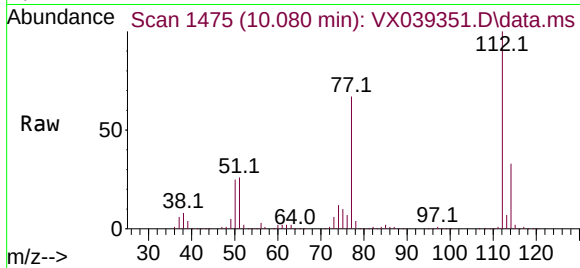




#51
Chlorobenzene
Concen: 225.444 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039351.D
Acq: 19 Dec 2023 13:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:112 Resp: 823393
Ion Ratio Lower Upper
112 100
114 33.0 21.8 40.4
77 67.2 49.0 73.6



#65
1,4-Dichlorobenzene
Concen: 1.578 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX039351.D
Acq: 19 Dec 2023 13:16

Tgt Ion:146 Resp: 4372
Ion Ratio Lower Upper
146 100
111 44.5 29.7 55.1
148 59.8 45.8 85.2

