

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
 Data File : VX039367.D
 Acq On : 19 Dec 2023 19:21
 Operator : JC/MD
 Sample : 05807-03DL 200X
 Misc : 3.06g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 22:08:38 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)

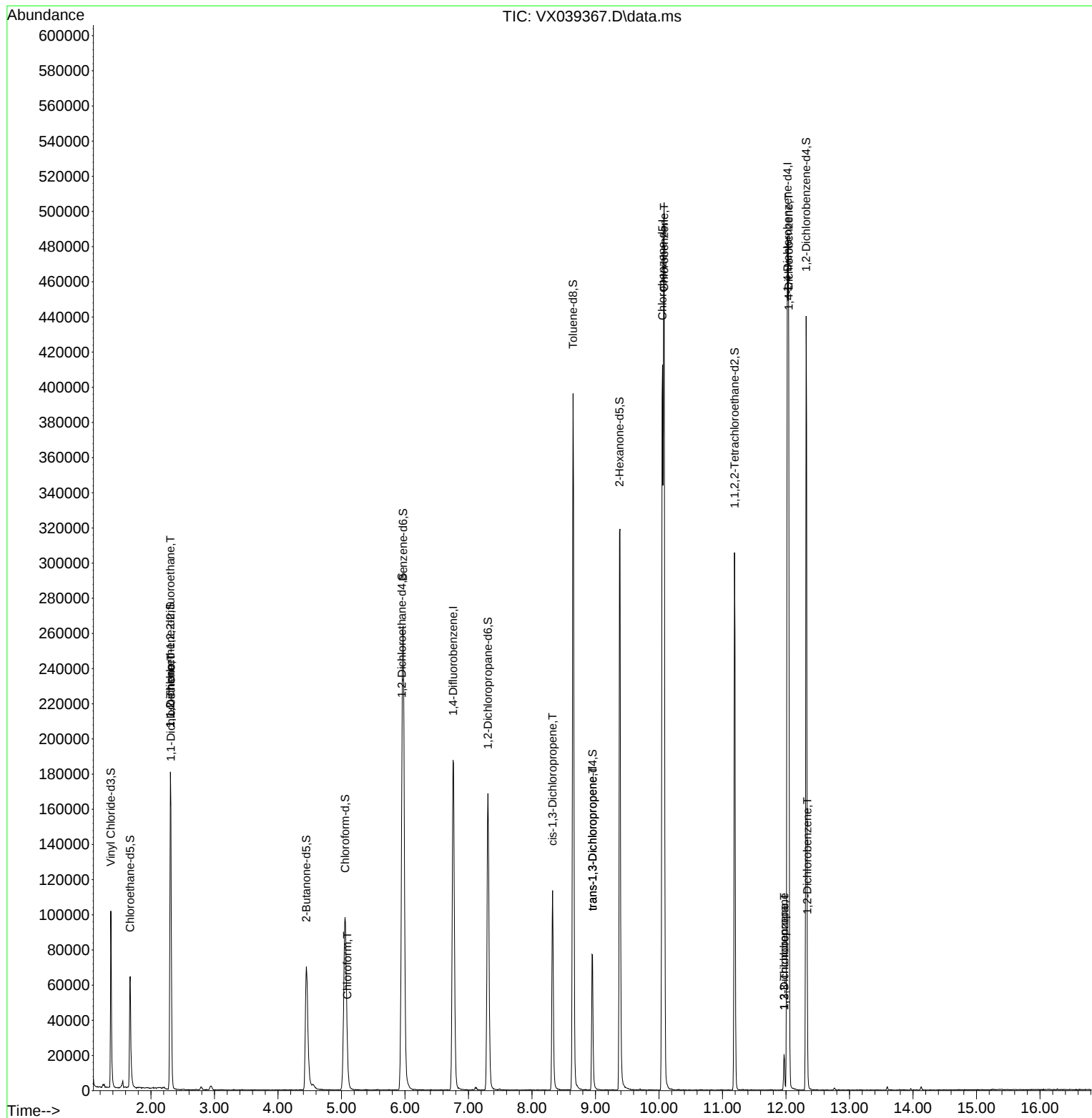
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	183381	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	171954	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	82823	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	66362	46.138	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.280%
7) Chloroethane-d5	1.673	69	50563	47.560	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.120%
11) 1,1-Dichloroethene-d2	2.307	65	32297	51.153	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.300%
21) 2-Butanone-d5	4.446	46	126939	97.497	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.500%
24) Chloroform-d	5.056	84	124800	49.014	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.020%
26) 1,2-Dichloroethane-d4	5.952	65	90384	54.812	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.620%
32) Benzene-d6	5.971	84	261245	49.228	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.460%
36) 1,2-Dichloropropane-d6	7.306	67	84583	49.526	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.060%
41) Toluene-d8	8.647	98	227856	47.379	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.760%
43) trans-1,3-Dichloroprop...	8.952	79	36839	42.388	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.780%
47) 2-Hexanone-d5	9.379	63	91401	89.605	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.610%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	114796	47.383	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.760%
66) 1,2-Dichlorobenzene-d4	12.317	152	78135	49.910	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.820%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.307	101	964	0.768	ug/L #	21
12) 1,1-Dichloroethene	2.313	96	783	0.663	ug/L #	1
25) Chloroform	5.093	83	5423	2.209	ug/L	97
39) cis-1,3-Dichloropropene	8.324	75	3044	1.259	ug/L #	64
44) trans-1,3-Dichloropropene	8.952	75	2032	0.906	ug/L	96
51) Chlorobenzene	10.080	112	202610	56.605	ug/L	96
61) 1,2,3-Trichloropropane	11.970	75	2323	1.280	ug/L #	50
64) 1,3-Dichlorobenzene	11.970	146	5986	2.311	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	122264	46.579	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	4314	1.741	ug/L	93

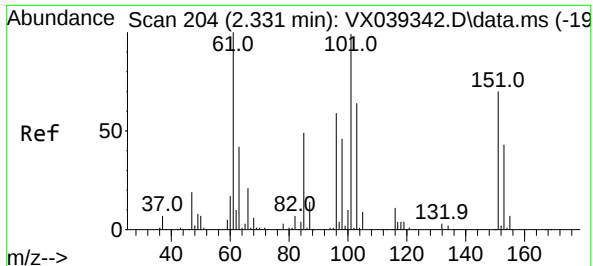
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.768 ug/L

RT: 2.307 min Scan# 204

Delta R.T. -0.024 min

Lab File: VX039367.D

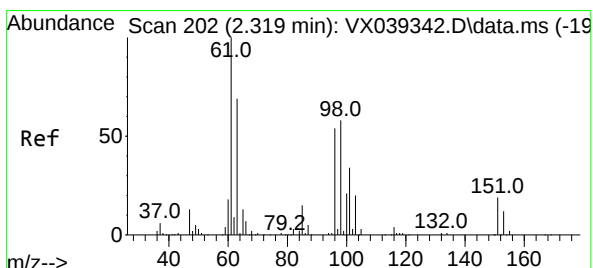
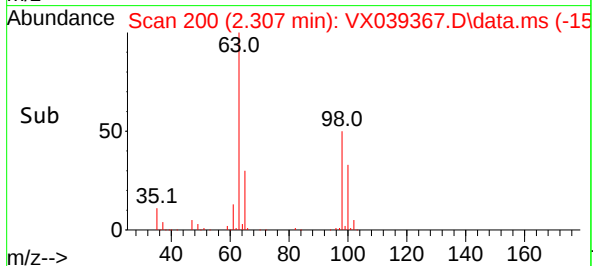
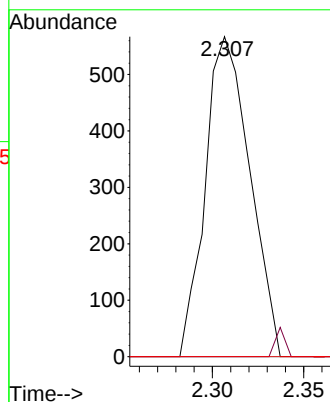
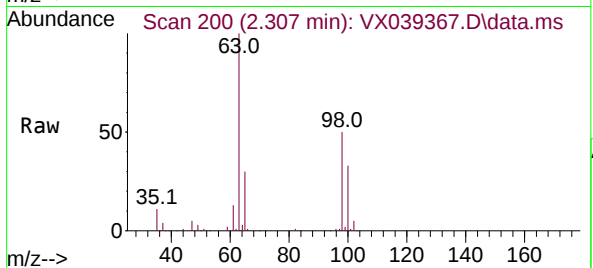
Acq: 19 Dec 2023 19:21

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	101	Resp:	964
Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.8	53.6#
151	0.0	55.4	83.2#



#12

1,1-Dichloroethene

Concen: 0.663 ug/L

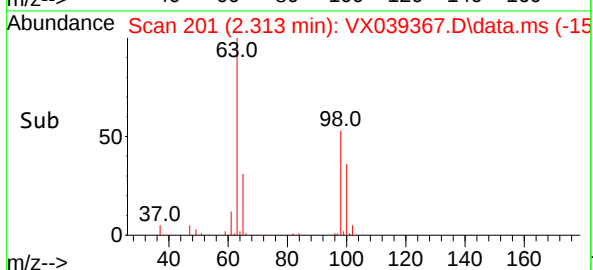
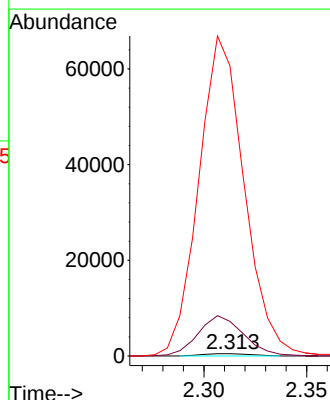
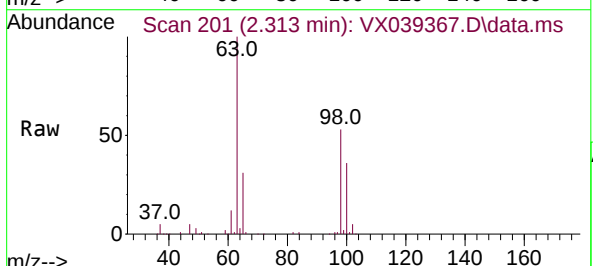
RT: 2.313 min Scan# 201

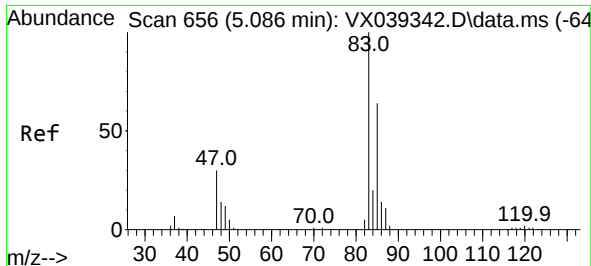
Delta R.T. -0.006 min

Lab File: VX039367.D

Acq: 19 Dec 2023 19:21

Tgt Ion:	96	Resp:	783
Ion	Ratio	Lower	Upper
96	100		
61	1487.2	128.0	237.6#
63	12501.4	101.5	188.5#





#25

Chloroform

Concen: 2.209 ug/L

RT: 5.093 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX039367.D

Acq: 19 Dec 2023 19:21

Instrument :

MSVOA_X

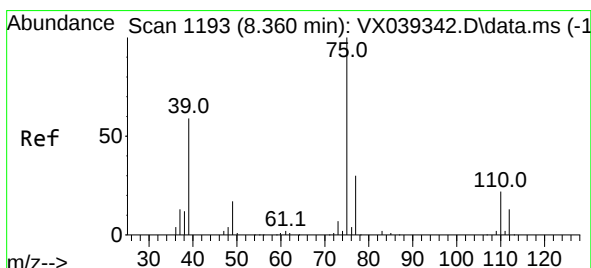
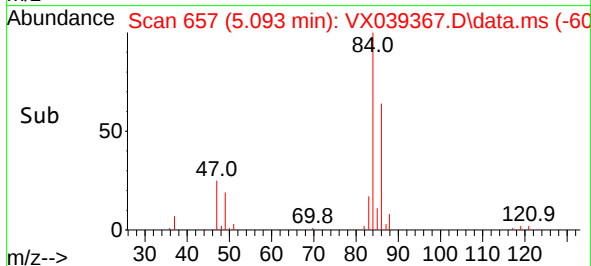
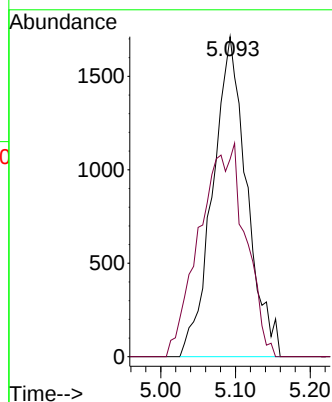
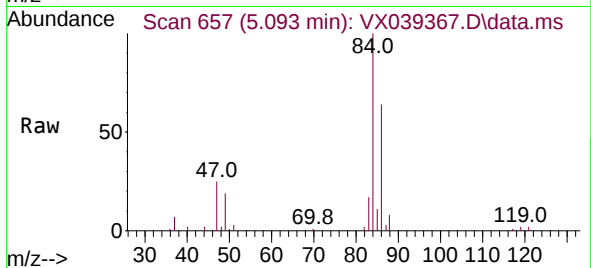
ClientSampleId :

Tgt Ion: 83 Resp: 5423

Ion Ratio Lower Upper

83 100

85 61.7 45.1 83.7



#39

cis-1,3-Dichloropropene

Concen: 1.259 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.036 min

Lab File: VX039367.D

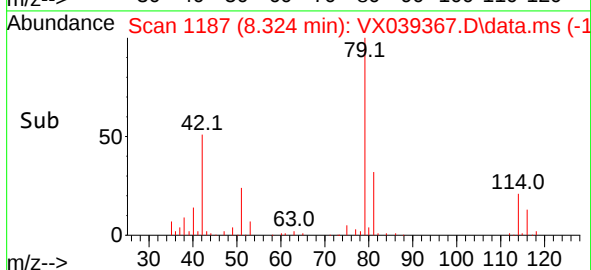
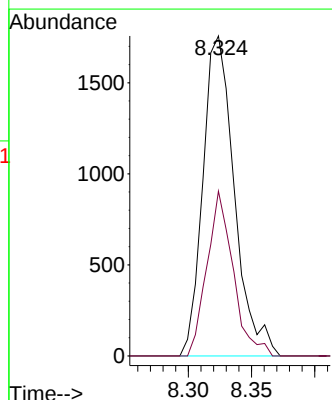
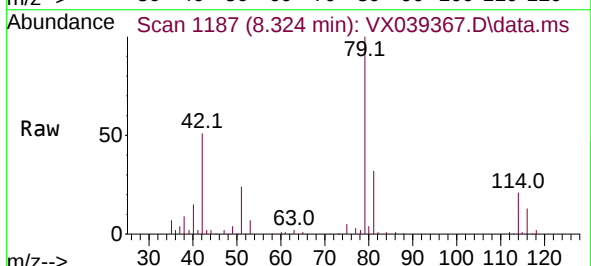
Acq: 19 Dec 2023 19:21

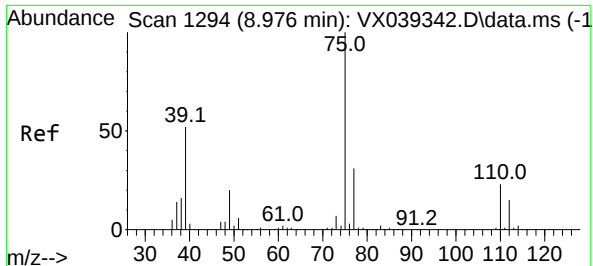
Tgt Ion: 75 Resp: 3044

Ion Ratio Lower Upper

75 100

77 51.5 22.0 40.8#

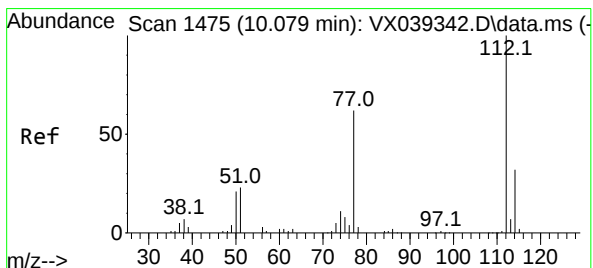
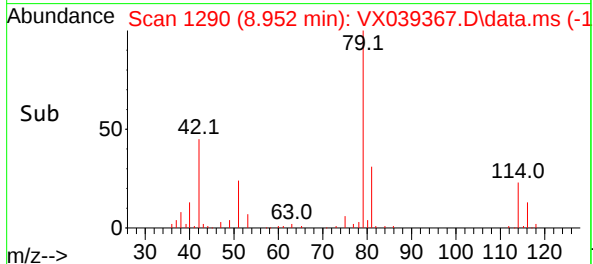
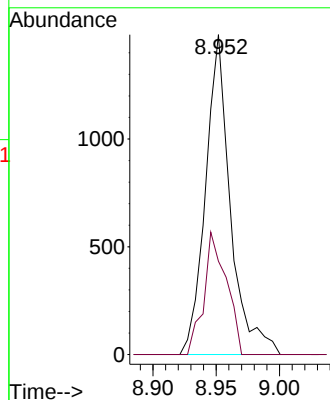
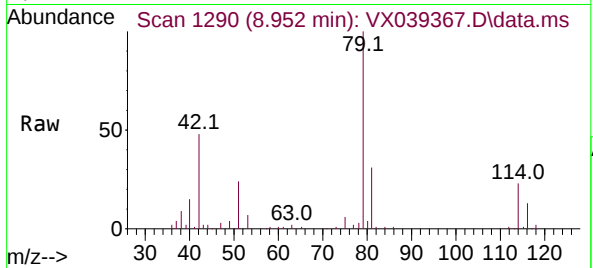




#44
trans-1,3-Dichloropropene
Concen: 0.906 ug/L
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX039367.D
Acq: 19 Dec 2023 19:21

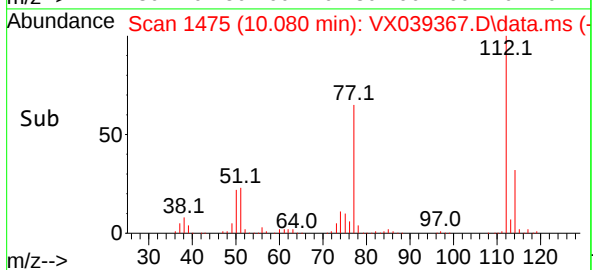
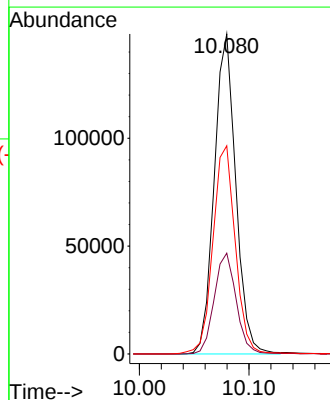
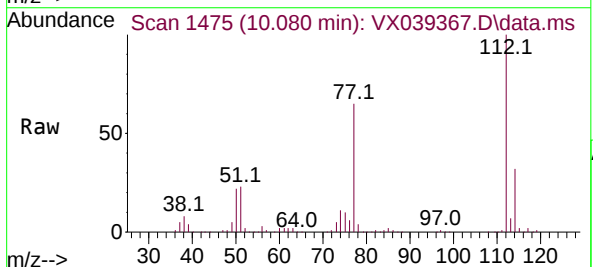
Instrument :
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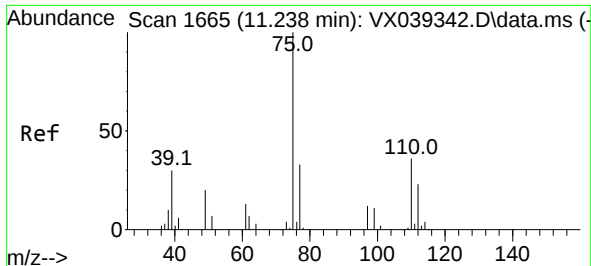
Tgt Ion: 75 Resp: 2032
Ion Ratio Lower Upper
75 100
77 29.2 22.0 40.8



#51
Chlorobenzene
Concen: 56.605 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039367.D
Acq: 19 Dec 2023 19:21

Tgt Ion: 112 Resp: 202610
Ion Ratio Lower Upper
112 100
114 31.5 21.8 40.4
77 65.1 49.0 73.6

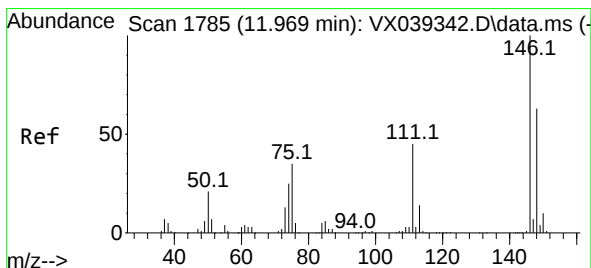
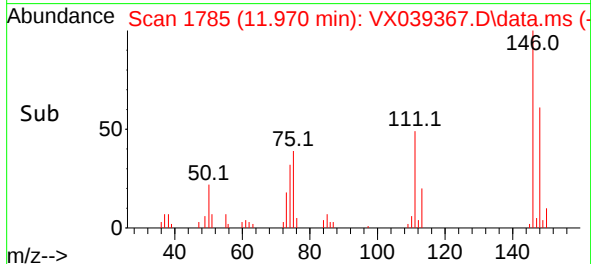
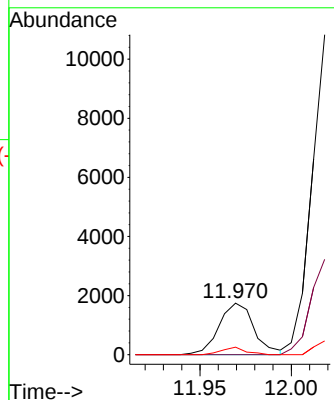
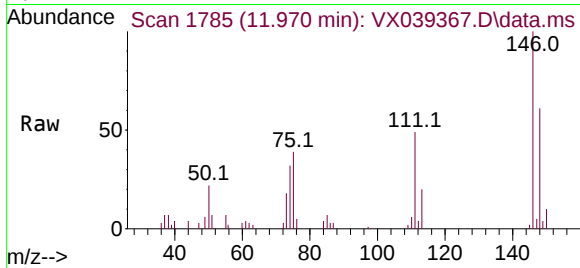




#61
1,2,3-Trichloropropane
Concen: 1.280 ug/L
RT: 11.970 min Scan# 1785
Delta R.T. 0.732 min
Lab File: VX039367.D
Acq: 19 Dec 2023 19:21

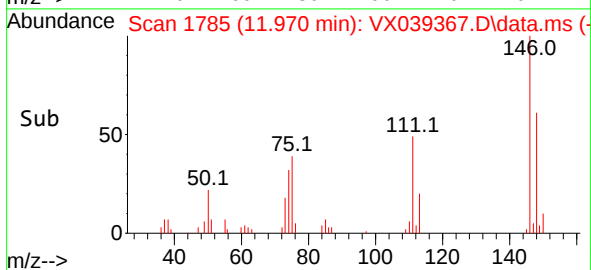
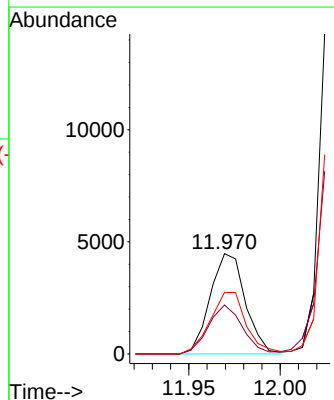
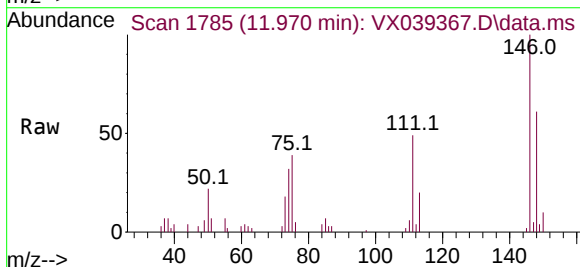
Instrument :
MSVOA_X
ClientSampleId :

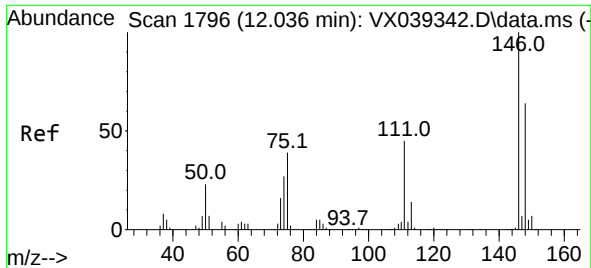
Tgt Ion: 75 Resp: 2323
Ion Ratio Lower Upper
75 100
77 0.0 25.8 38.6#
110 10.0 28.4 42.6#



#64
1,3-Dichlorobenzene
Concen: 2.311 ug/L
RT: 11.970 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039367.D
Acq: 19 Dec 2023 19:21

Tgt Ion:146 Resp: 5986
Ion Ratio Lower Upper
146 100
111 48.8 30.0 55.6
148 61.5 44.2 82.0

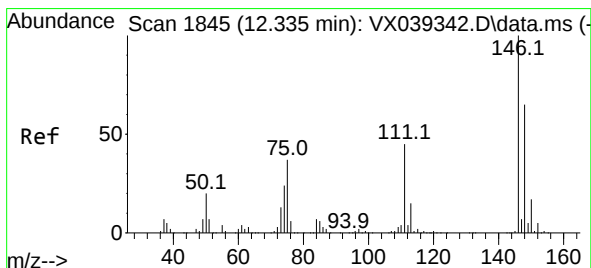
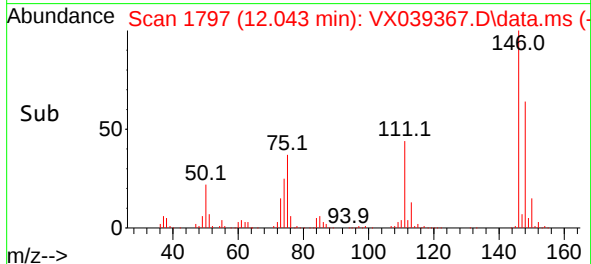
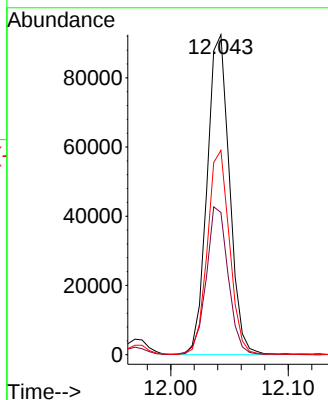
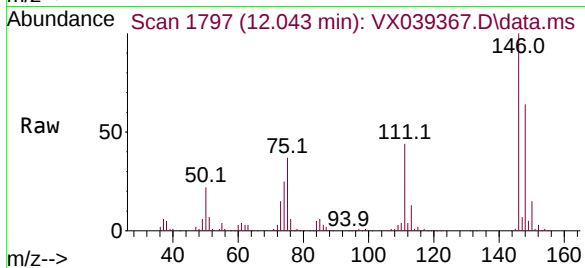




#65
1,4-Dichlorobenzene
Concen: 46.579 ug/L
RT: 12.043 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039367.D
Acq: 19 Dec 2023 19:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 122264
Ion Ratio Lower Upper
146 100
111 44.5 29.7 55.1
148 63.9 45.8 85.2



#67
1,2-Dichlorobenzene
Concen: 1.741 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039367.D
Acq: 19 Dec 2023 19:21

Tgt Ion:146 Resp: 4314
Ion Ratio Lower Upper
146 100
111 40.8 36.4 54.6
148 56.7 50.0 75.0

