

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
 Data File : VX039371.D
 Acq On : 19 Dec 2023 20:52
 Operator : JC/MD
 Sample : 05807-05ME
 Misc : 2.55g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 02:20:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 20 00:14:00 2023
 Response via : Initial Calibration

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

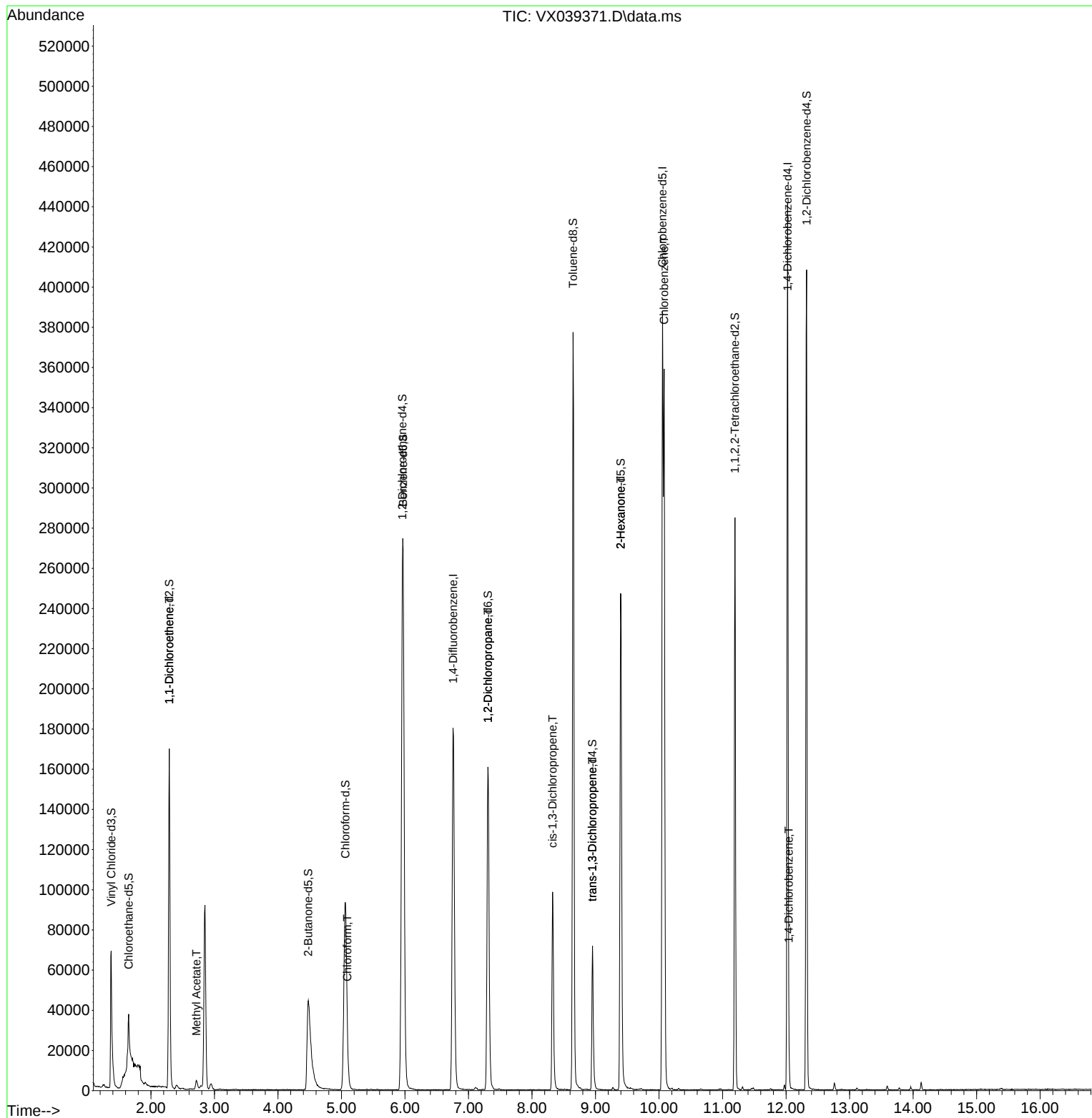
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	180734	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	160189	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	78479	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	67086	47.324	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.640%
7) Chloroethane-d5	1.648	69	25221	24.070	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	48.140%#
11) 1,1-Dichloroethene-d2	2.288	65	30655	49.264	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.520%
21) 2-Butanone-d5	4.477	46	120663	94.034	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.030%
24) Chloroform-d	5.062	84	121011	48.222	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.440%
26) 1,2-Dichloroethane-d4	5.958	65	90713	55.817	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.640%
32) Benzene-d6	5.970	84	258825	52.354	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.700%
36) 1,2-Dichloropropane-d6	7.306	67	83966	52.776	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.560%
41) Toluene-d8	8.647	98	224942	50.208	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.420%
43) trans-1,3-Dichloroprop...	8.952	79	34946	43.163	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.320%
47) 2-Hexanone-d5	9.397	63	87690	92.281	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.280%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	109235	48.399	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.323	152	75722	51.046	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.100%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.288	96	941	0.808	ug/L #	1
15) Methyl Acetate	2.715	43	6210	3.524	ug/L	99
25) Chloroform	5.093	83	6194	2.560	ug/L	92
37) 1,2-Dichloropropane	7.306	63	9638	6.827	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	2624	1.165	ug/L	84
44) trans-1,3-Dichloropropene	8.952	75	1860	0.890	ug/L #	63
48) 2-Hexanone	9.397	43	11863	5.990	ug/L #	69
51) Chlorobenzene	10.079	112	141212	42.349	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	3911	1.572	ug/L	95

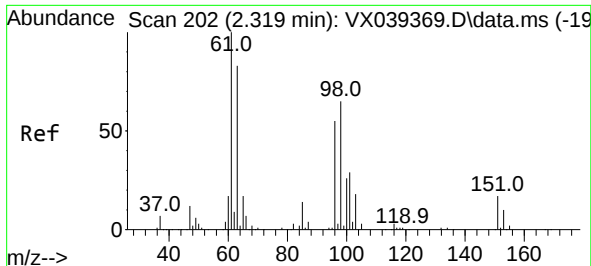
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 20 02:20:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 20 00:14:00 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.808 ug/L

RT: 2.288 min Scan# 197

Delta R.T. -0.030 min

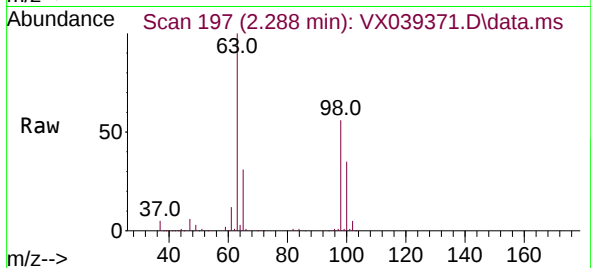
Lab File: VX039371.D

Acq: 19 Dec 2023 20:52

Instrument :

MSVOA_X

ClientSampleId :



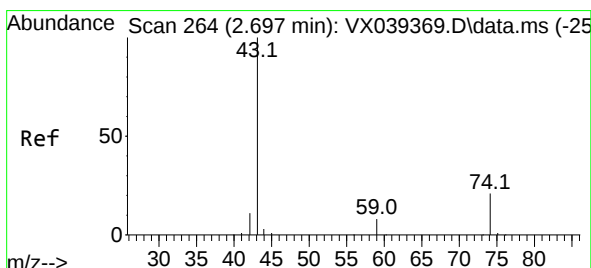
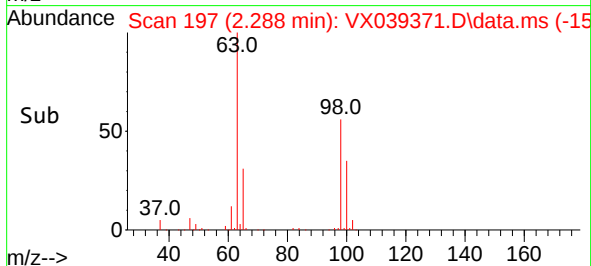
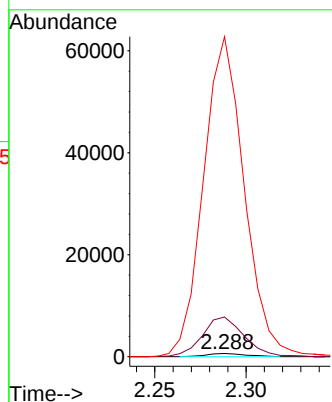
Tgt Ion: 96 Resp: 941

Ion Ratio Lower Upper

96 100

61 1261.9 128.0 237.6#

63 10174.4 101.5 188.5#



#15

Methyl Acetate

Concen: 3.524 ug/L

RT: 2.715 min Scan# 267

Delta R.T. 0.018 min

Lab File: VX039371.D

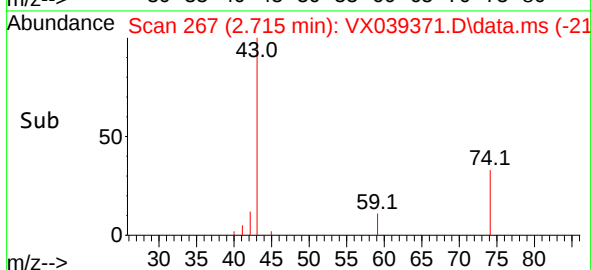
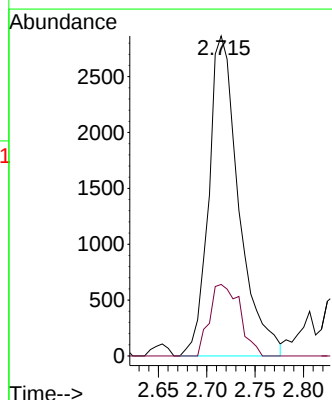
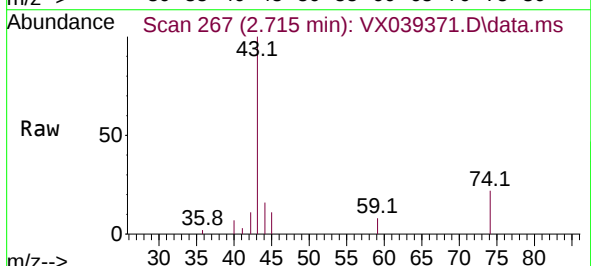
Acq: 19 Dec 2023 20:52

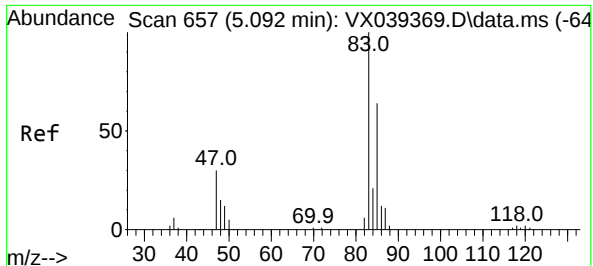
Tgt Ion: 43 Resp: 6210

Ion Ratio Lower Upper

43 100

74 22.5 18.2 27.4





#25

Chloroform

Concen: 2.560 ug/L

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX039371.D

Acq: 19 Dec 2023 20:52

Instrument :

MSVOA_X

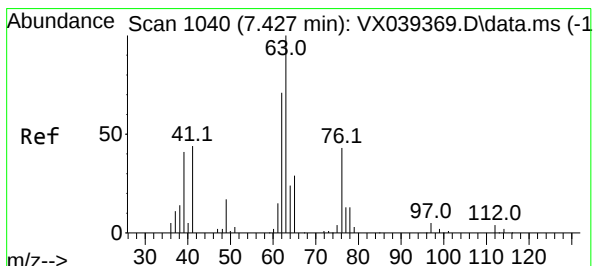
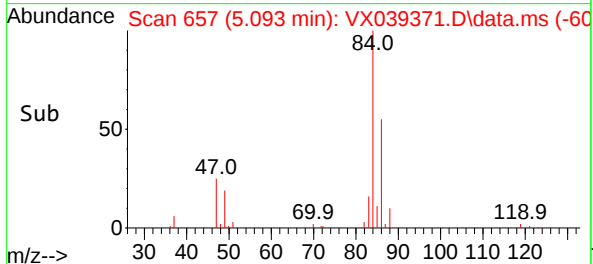
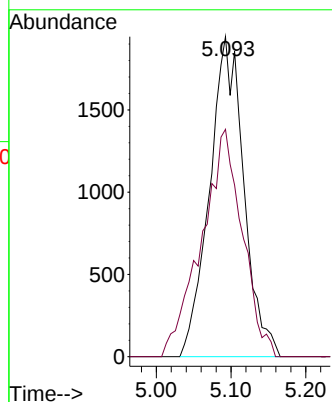
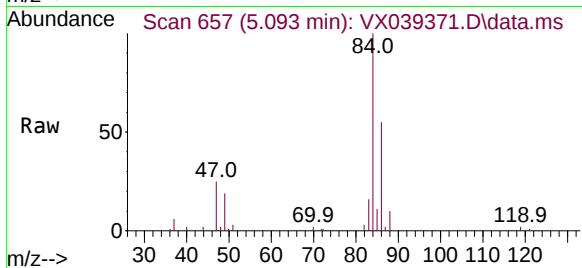
ClientSampleId :

Tgt Ion: 83 Resp: 6194

Ion Ratio Lower Upper

83 100

85 71.1 45.1 83.7



#37

1,2-Dichloropropane

Concen: 6.827 ug/L

RT: 7.306 min Scan# 1020

Delta R.T. -0.122 min

Lab File: VX039371.D

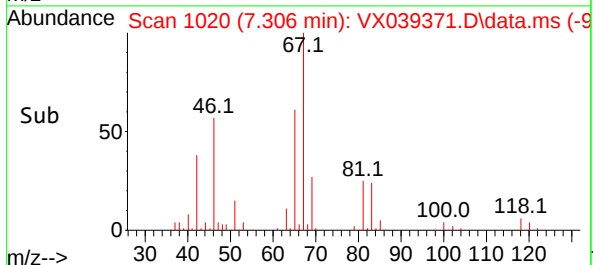
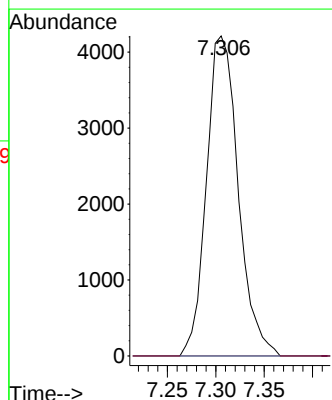
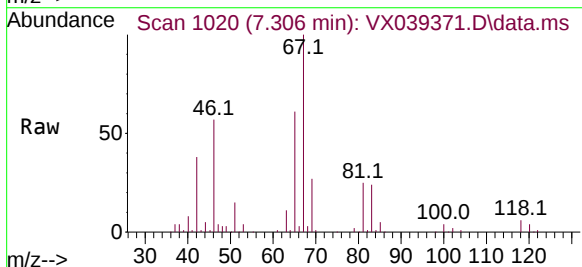
Acq: 19 Dec 2023 20:52

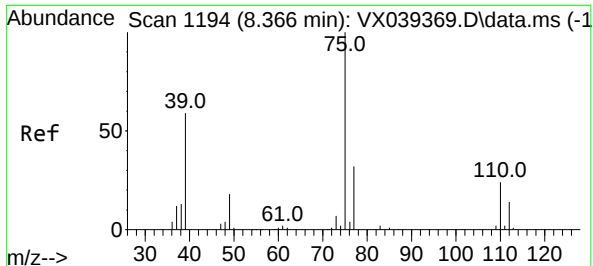
Tgt Ion: 63 Resp: 9638

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.165 ug/L

RT: 8.324 min Scan# 1194

Delta R.T. -0.043 min

Lab File: VX039371.D

Acq: 19 Dec 2023 20:52

Instrument :

MSVOA_X

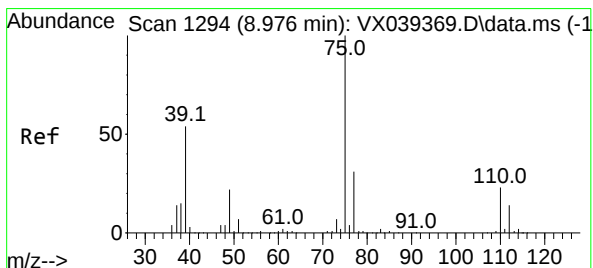
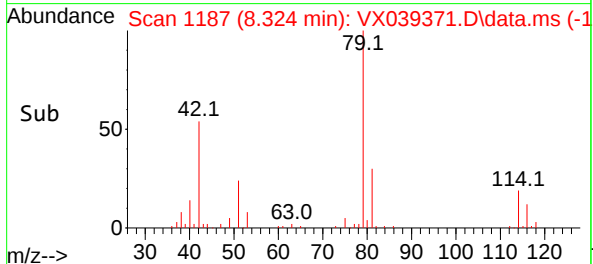
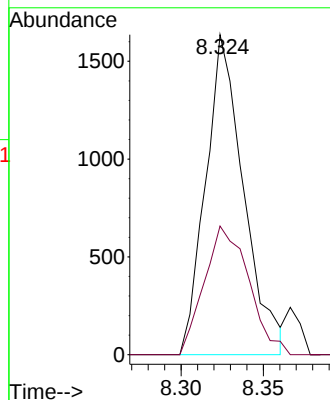
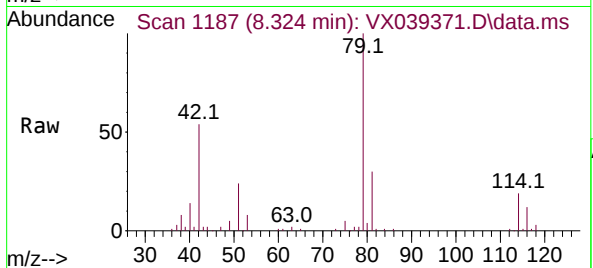
ClientSampleId :

Tgt Ion: 75 Resp: 2624

Ion Ratio Lower Upper

75 100

77 40.2 22.0 40.8



#44

trans-1,3-Dichloropropene

Concen: 0.890 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX039371.D

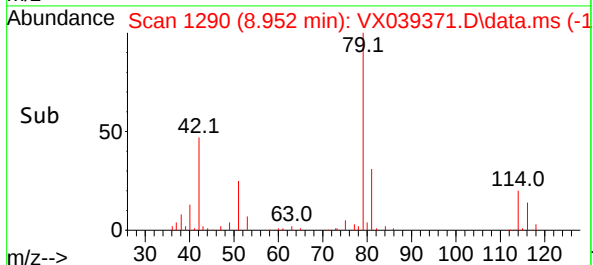
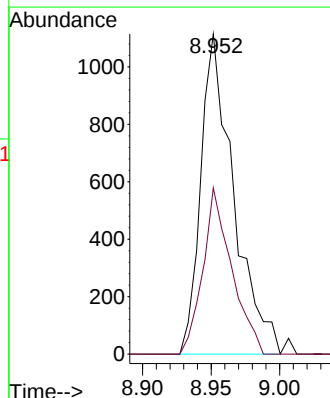
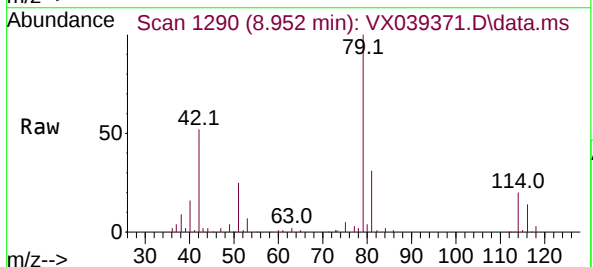
Acq: 19 Dec 2023 20:52

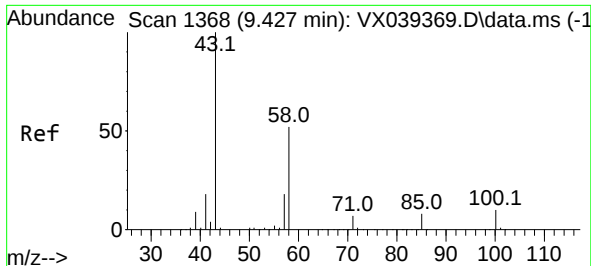
Tgt Ion: 75 Resp: 1860

Ion Ratio Lower Upper

75 100

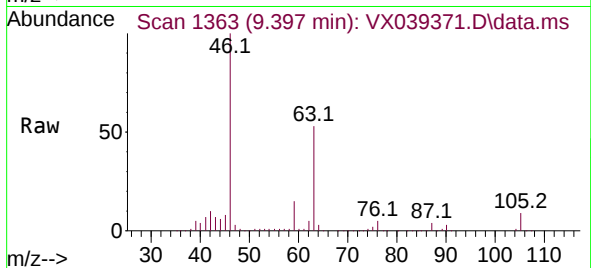
77 51.9 22.0 40.8#



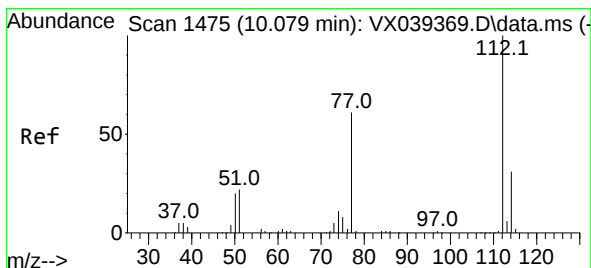
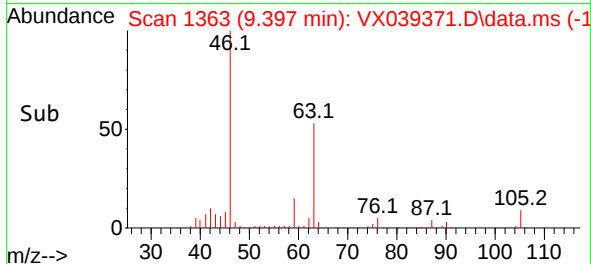
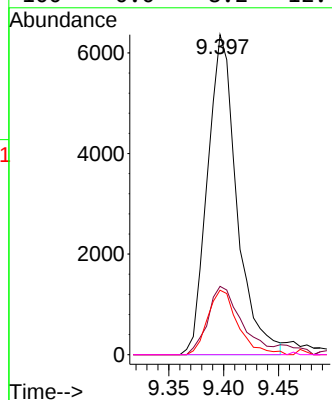


#48
2-Hexanone
Concen: 5.990 ug/L
RT: 9.397 min Scan# 11863
Delta R.T. -0.030 min
Lab File: VX039371.D
Acq: 19 Dec 2023 20:52

Instrument :
MSVOA_X
ClientSampleId :

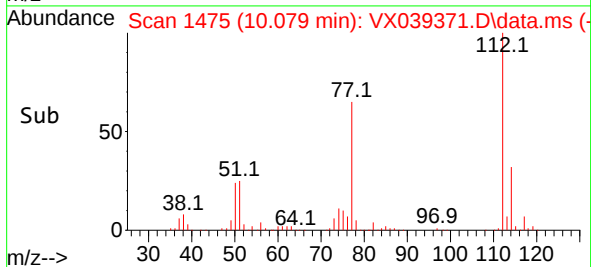
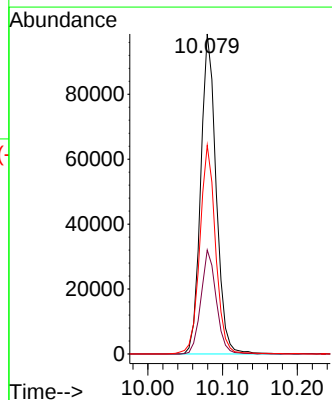
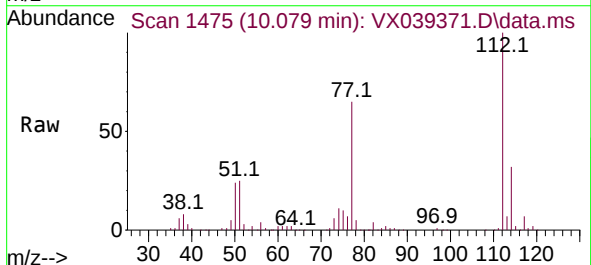


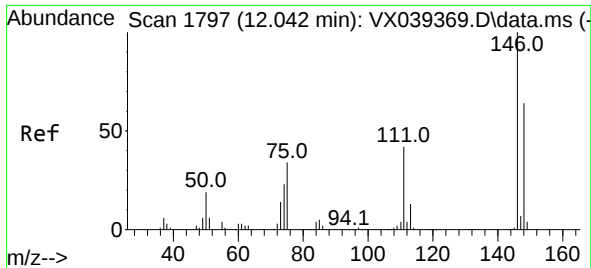
Tgt Ion:	43	Resp:	11863
Ion Ratio	100	Lower	Upper
43	100		
58	24.4	43.0	64.6#
57	20.5	14.6	21.8
100	0.0	8.2	12.4#



#51
Chlorobenzene
Concen: 42.349 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039371.D
Acq: 19 Dec 2023 20:52

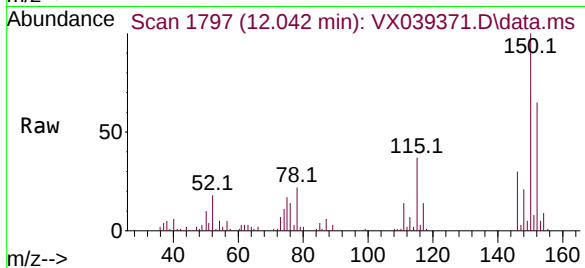
Tgt Ion:	112	Resp:	141212
Ion Ratio	100	Lower	Upper
112	100		
114	32.5	21.8	40.4
77	65.2	49.0	73.6





#65
 1,4-Dichlorobenzene
 Concen: 1.572 ug/L
 RT: 12.042 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039371.D
 Acq: 19 Dec 2023 20:52

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:146 Resp: 3911
 Ion Ratio Lower Upper
 146 100
 111 46.0 29.7 55.1
 148 69.3 45.8 85.2

