

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072924\
 Data File : VX042719.D
 Acq On : 30 Jul 2024 02:17
 Operator : JC/MD
 Sample : P3388-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 30 05:32:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 30 02:11:54 2024
 Response via : Initial Calibration

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

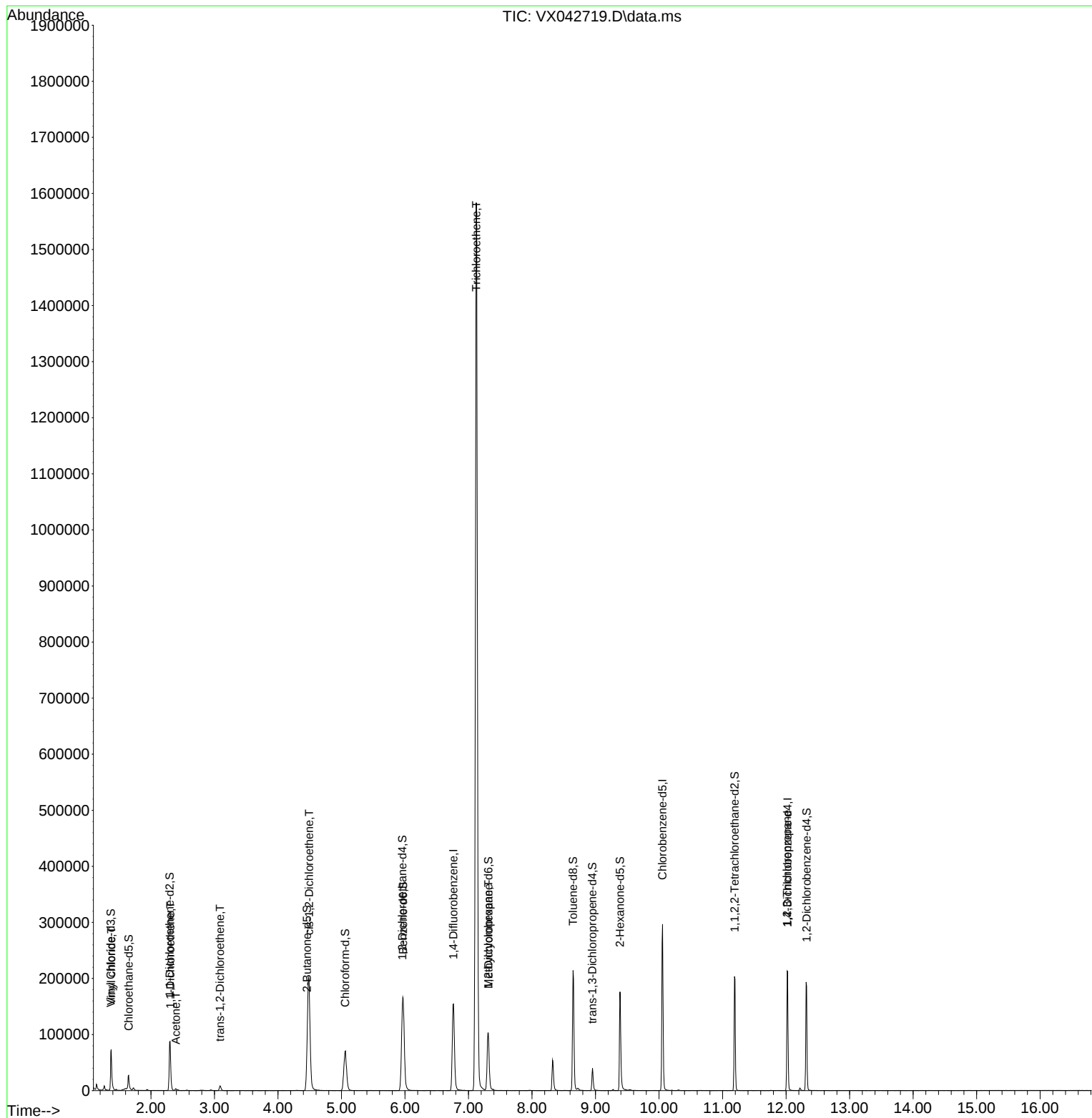
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	163055	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	135996	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	45903	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	27571	27.832	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	55.660%#
7) Chloroethane-d5	1.648	69	15449	37.846	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.700%
11) 1,1-Dichloroethene-d2	2.294	65	15264	31.273	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.540%
21) 2-Butanone-d5	4.459	46	76895	104.732	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.730%
24) Chloroform-d	5.056	84	89807	41.419	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.840%
26) 1,2-Dichloroethane-d4	5.958	65	62135	44.418	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.840%
32) Benzene-d6	5.970	84	160532	42.532	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.060%
36) 1,2-Dichloropropane-d6	7.312	67	52794	47.262	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.520%
41) Toluene-d8	8.647	98	127428	37.655	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.320%#
43) trans-1,3-Dichloroprop...	8.952	79	18774	35.914	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.820%
47) 2-Hexanone-d5	9.384	63	51385	102.886	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.890%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	78373	48.729	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.460%
66) 1,2-Dichlorobenzene-d4	12.323	152	38853	44.787	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.580%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	27295	24.103	ug/L	100
12) 1,1-Dichloroethene	2.307	96	3192	3.028	ug/L #	1
13) Acetone	2.392	43	3484	6.071	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	3456	3.195	ug/L	90
20) cis-1,2-Dichloroethene	4.489	96	114378	92.569	ug/L	93
34) Trichloroethene	7.123	95	613654	551.887	ug/L	96
35) Methylcyclohexane	7.312	83	14186	8.429	ug/L #	20
61) 1,2,3-Trichloropropane	12.018	75	5359	5.046	ug/L #	66

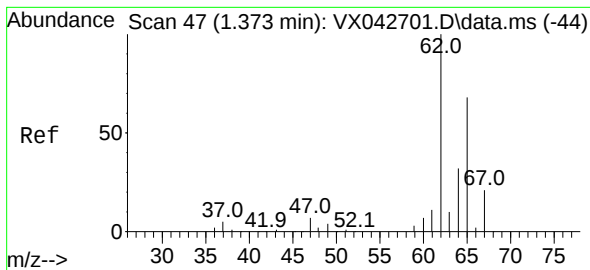
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jul 30 02:11:54 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 24.103 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX042719.D

Acq: 30 Jul 2024 02:17

Instrument :

MSVOA_X

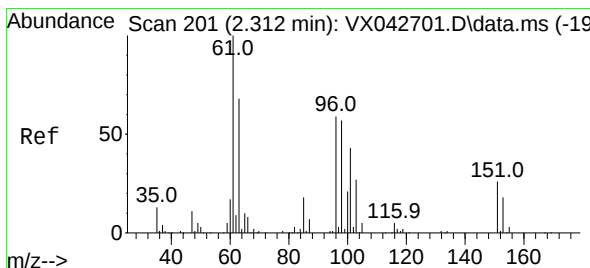
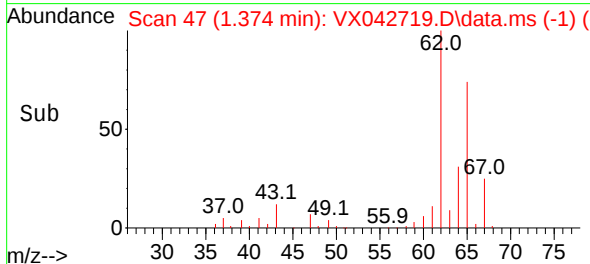
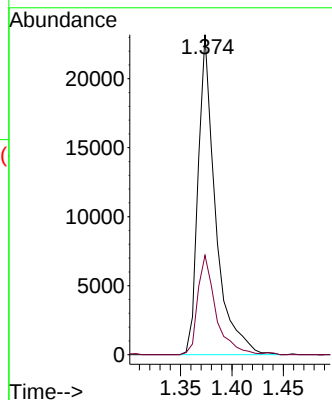
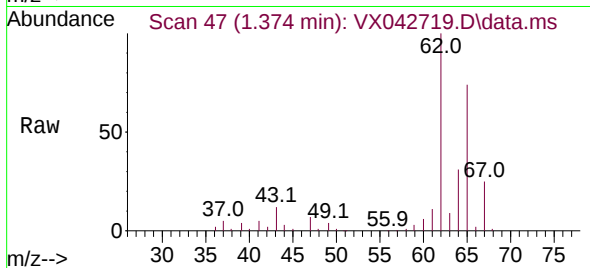
ClientSampleId :

Tgt Ion: 62 Resp: 27295

Ion Ratio Lower Upper

62 100

64 31.1 21.6 40.0



#12

1,1-Dichloroethene

Concen: 3.028 ug/L

RT: 2.307 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX042719.D

Acq: 30 Jul 2024 02:17

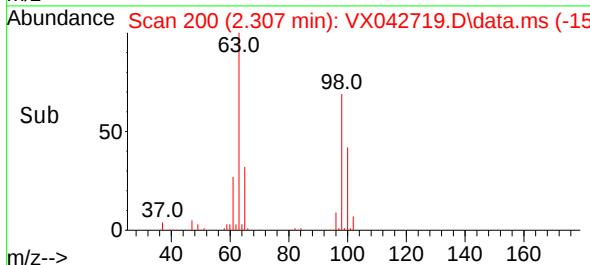
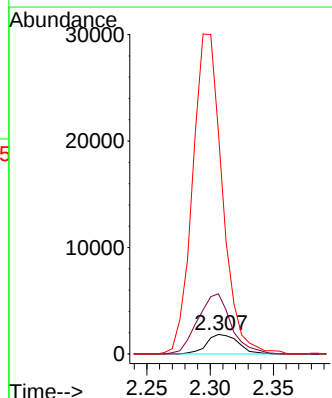
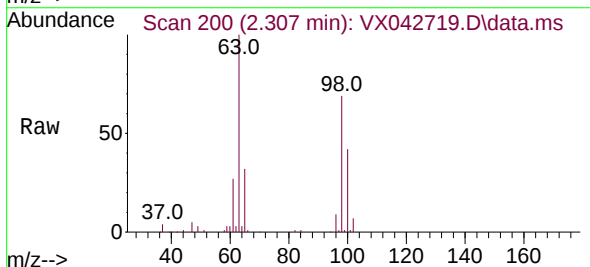
Tgt Ion: 96 Resp: 3192

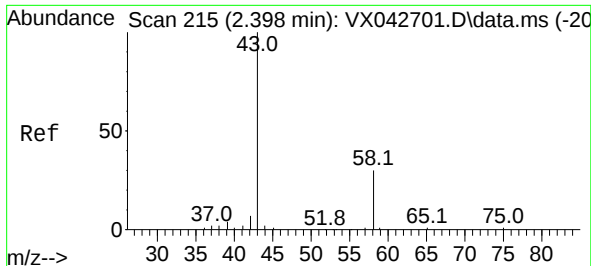
Ion Ratio Lower Upper

96 100

61 309.4 113.0 209.9#

63 1138.9 70.5 130.9#





#13

Acetone

Concen: 6.071 ug/L

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042719.D

Acq: 30 Jul 2024 02:17

Instrument :

MSVOA_X

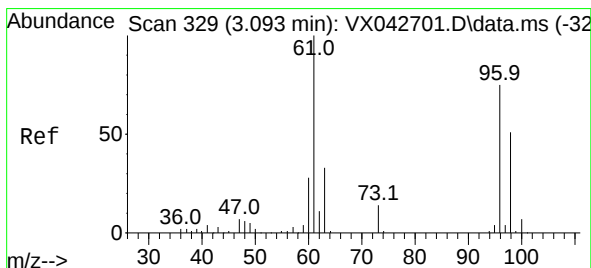
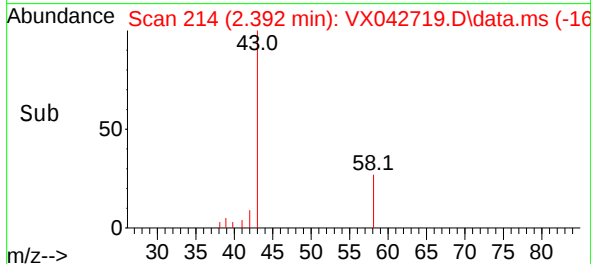
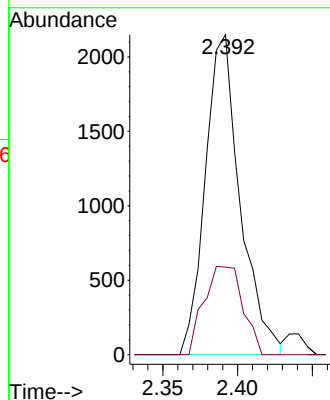
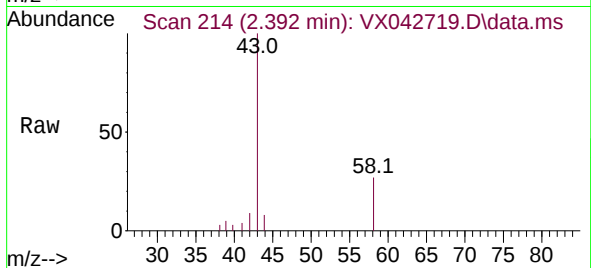
ClientSampleId :

Tgt Ion: 43 Resp: 3484

Ion Ratio Lower Upper

43 100

58 30.6 0.0 62.4



#17

trans-1,2-Dichloroethene

Concen: 3.195 ug/L

RT: 3.087 min Scan# 328

Delta R.T. -0.006 min

Lab File: VX042719.D

Acq: 30 Jul 2024 02:17

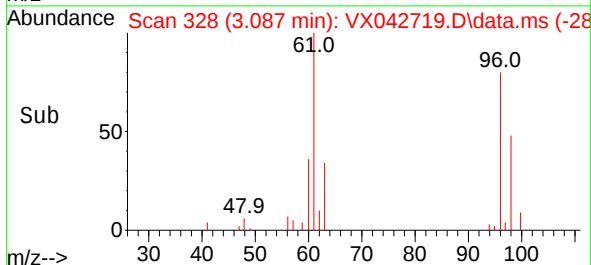
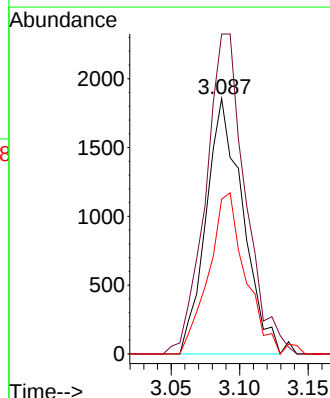
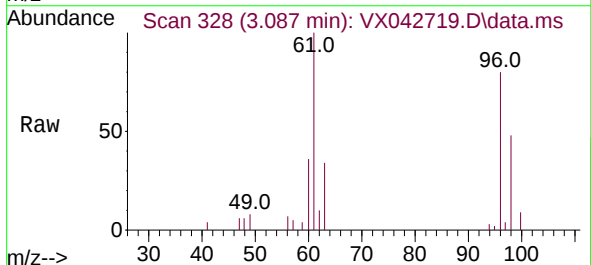
Tgt Ion: 96 Resp: 3456

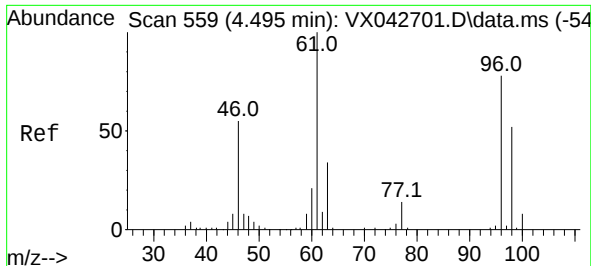
Ion Ratio Lower Upper

96 100

61 125.3 99.3 184.3

98 60.7 43.8 81.3





#20

cis-1,2-Dichloroethene

Concen: 92.569 ug/L

RT: 4.489 min Scan# 51

Delta R.T. -0.006 min

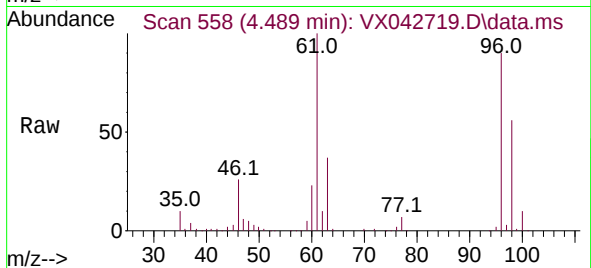
Lab File: VX042719.D

Acq: 30 Jul 2024 02:17

Instrument :

MSVOA_X

ClientSampleId :



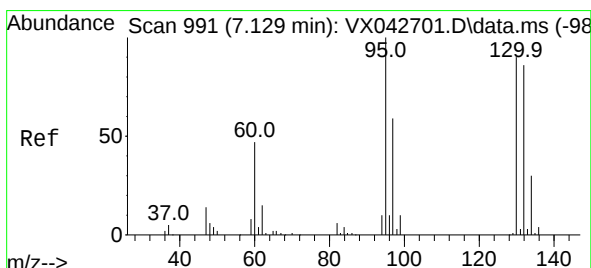
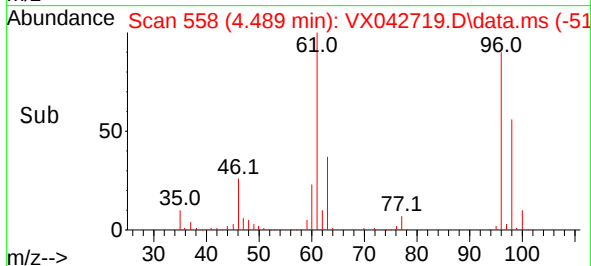
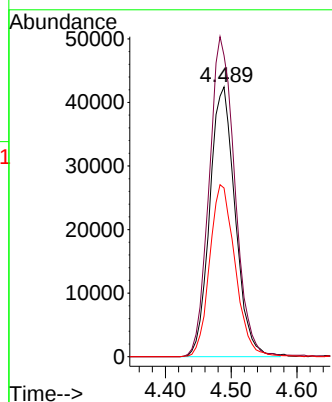
Tgt Ion: 96 Resp: 114378

Ion Ratio Lower Upper

96 100

61 111.6 85.3 158.3

98 62.5 42.7 79.3



#34

Trichloroethene

Concen: 551.887 ug/L

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX042719.D

Acq: 30 Jul 2024 02:17

Tgt Ion: 95 Resp: 613654

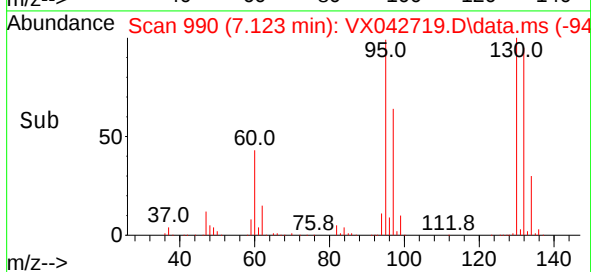
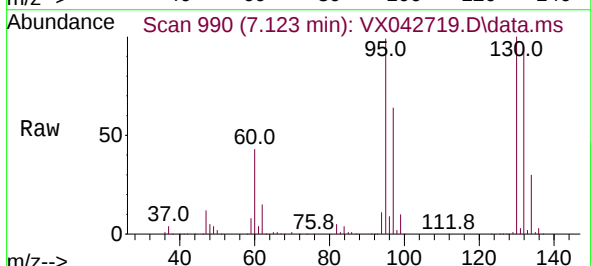
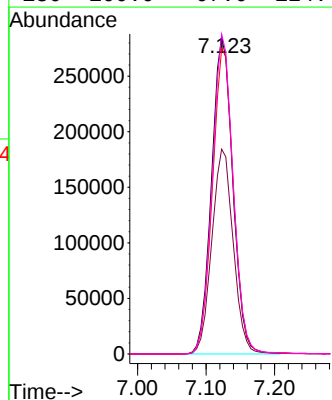
Ion Ratio Lower Upper

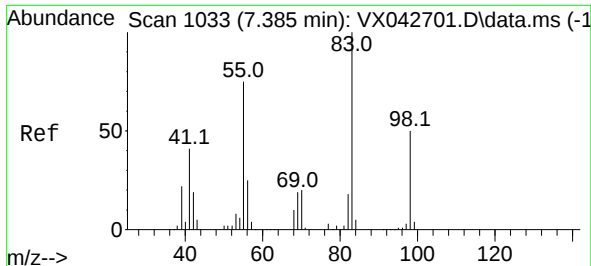
95 100

97 64.6 46.3 86.1

132 96.3 64.3 119.5

130 100.9 67.0 124.4

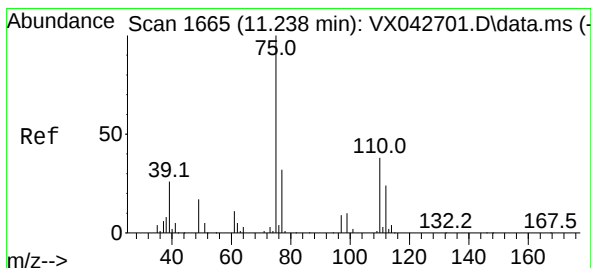
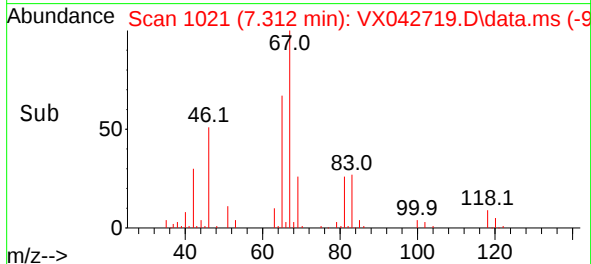
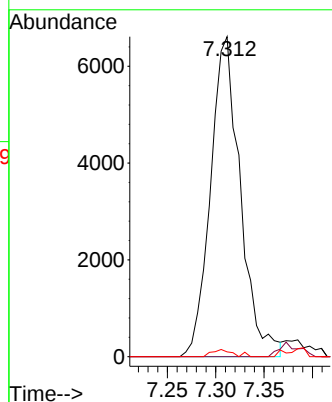
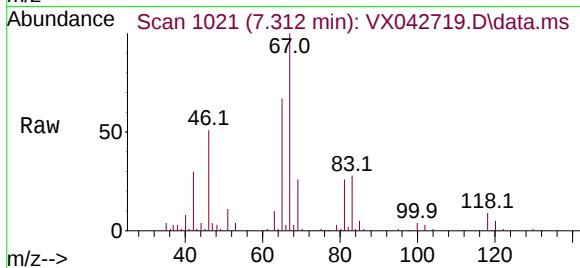




#35
Methylcyclohexane
Concen: 8.429 ug/L
RT: 7.312 min Scan# 1
Delta R.T. -0.073 min
Lab File: VX042719.D
Acq: 30 Jul 2024 02:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 14186
Ion Ratio Lower Upper
83 100
55 0.0 58.2 87.2#
98 1.4 38.5 57.7#



#61
1,2,3-Trichloropropane
Concen: 5.046 ug/L
RT: 12.018 min Scan# 1793
Delta R.T. 0.781 min
Lab File: VX042719.D
Acq: 30 Jul 2024 02:17

Tgt Ion: 75 Resp: 5359
Ion Ratio Lower Upper
75 100
77 33.6 26.2 39.4
110 3.2 33.0 49.4#

