

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072924\
 Data File : VX042725.D
 Acq On : 30 Jul 2024 04:36
 Operator : JC/MD
 Sample : P3388-13MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E20S6MSD

Quant Time: Jul 30 05:33:50 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	6.757	114	153653	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	135377	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	56996	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	23716	25.406	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	50.820%#
7) Chloroethane-d5	1.648	69	12955	33.679	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	67.360%#
11) 1,1-Dichloroethene-d2	2.300	65	12307	26.758	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.520%#
21) 2-Butanone-d5	4.465	46	65985	95.372	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.370%
24) Chloroform-d	5.056	84	81807	40.038	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.080%
26) 1,2-Dichloroethane-d4	5.952	65	54718	41.510	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.020%
32) Benzene-d6	5.971	84	139176	37.043	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.080%
36) 1,2-Dichloropropane-d6	7.306	67	46857	42.139	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.280%
41) Toluene-d8	8.647	98	120859	35.877	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.760%#
43) trans-1,3-Dichloroprop...	8.952	79	18793	36.115	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.220%
47) 2-Hexanone-d5	9.385	63	49070	98.700	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.700%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	76033	47.490	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.980%
66) 1,2-Dichlorobenzene-d4	12.317	152	43595	40.472	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	46591	34.321	ug/L	98
3) Chloromethane	1.301	50	48721	43.401	ug/L	100
5) Vinyl chloride	1.374	62	45181	42.339	ug/L	97
6) Bromomethane	1.599	94	15321	45.888	ug/L	96
8) Chloroethane	1.666	64	19475	49.846	ug/L	98
9) Trichlorofluoromethane	1.874	101	56850	37.638	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	36665	33.780	ug/L	97
12) 1,1-Dichloroethene	2.313	96	41903	42.184	ug/L	93
13) Acetone	2.392	43	48421	89.533	ug/L	98
14) Carbon disulfide	2.508	76	93653	38.614	ug/L	99
15) Methyl Acetate	2.709	43	51401	42.877	ug/L	97
16) Methylene chloride	2.788	84	51055	44.506	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	45142	44.283	ug/L	91
18) Methyl tert-butyl Ether	3.117	73	161471	45.699	ug/L	99
19) 1,1-Dichloroethane	3.605	63	84373	43.350	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	102150	87.731	ug/L	95
22) 2-Butanone	4.568	43	71764	87.127	ug/L	97
23) Bromochloromethane	4.904	128	24621	44.655	ug/L	93
25) Chloroform	5.093	83	93918	45.256	ug/L	95

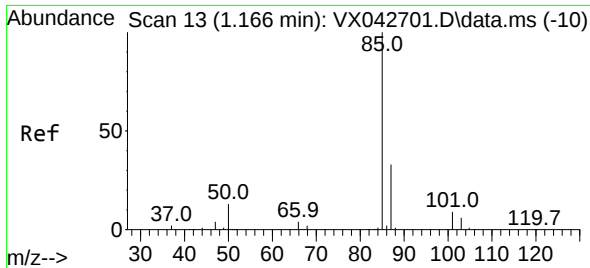
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072924\
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 Quant Title : VOC Analysis
 QLast Update : Tue Jul 30 02:11:54 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	74829	45.400	ug/L	99
29) Cyclohexane	5.471	56	53053	33.150	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	76868	44.453	ug/L	97
31) Carbon tetrachloride	5.672	117	62200	42.586	ug/L	99
33) Benzene	6.038	78	189307	45.694	ug/L	100
34) Trichloroethene	7.123	95	588281	531.487	ug/L	98
35) Methylcyclohexane	7.379	83	53266	31.796	ug/L	99
37) 1,2-Dichloropropane	7.428	63	49561	46.029	ug/L	98
38) Bromodichloromethane	7.824	83	64816	46.575	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	65019	39.340	ug/L	95
40) 4-Methyl-2-pentanone	8.574	43	136666	92.255	ug/L	96
42) Toluene	8.720	91	197697	46.331	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	63922	42.667	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	53207	48.926	ug/L	97
46) Tetrachloroethene	9.275	164	32650	43.253	ug/L	93
48) 2-Hexanone	9.433	43	107944	93.692	ug/L	96
49) Dibromochloromethane	9.519	129	47364	46.642	ug/L	98
50) 1,2-Dibromoethane	9.610	107	53854	47.614	ug/L #	98
51) Chlorobenzene	10.080	112	123217	44.654	ug/L	99
52) Ethylbenzene	10.195	91	200618	42.865	ug/L	98
53) m,p-Xylene	10.299	106	78501	44.524	ug/L	96
54) o-Xylene	10.640	106	79957	45.588	ug/L	99
55) Styrene	10.653	104	134268	45.924	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	82381	47.371	ug/L	98
59) Bromoform	10.799	173	32423	50.691	ug/L	100
60) Isopropylbenzene	10.964	105	193386	44.904	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	66994	50.807	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	162704	45.426	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	161687	45.718	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	79344	42.838	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	81886	43.894	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	84717	45.422	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	17863	50.850	ug/L	98
69) 1,3,5-Trichlorobenzene	13.116	180	44924	39.104	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	38582	38.297	ug/L	100
71) Naphthalene	13.774	128	180109	46.345	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	43237	41.431	ug/L	99

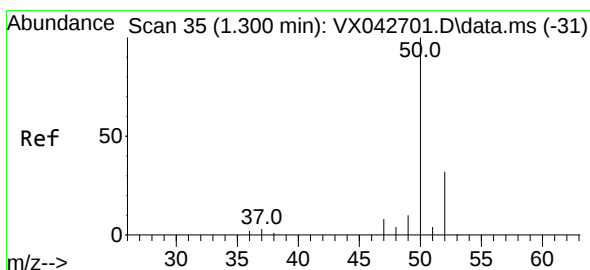
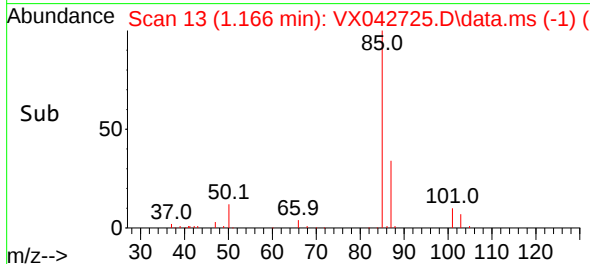
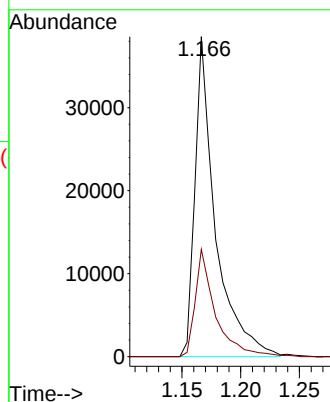
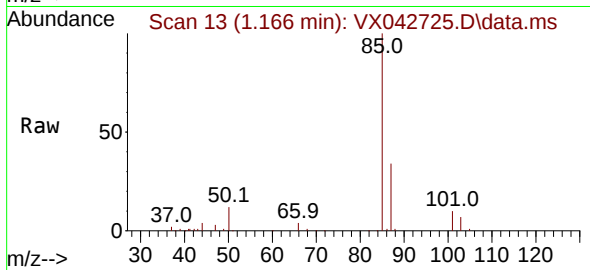
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#2
 Dichlorodifluoromethane
 Concen: 34.321 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX042725.D
 Acq: 30 Jul 2024 04:36

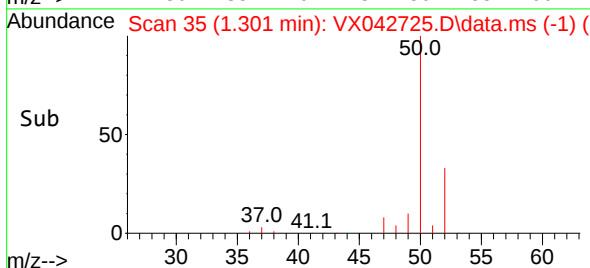
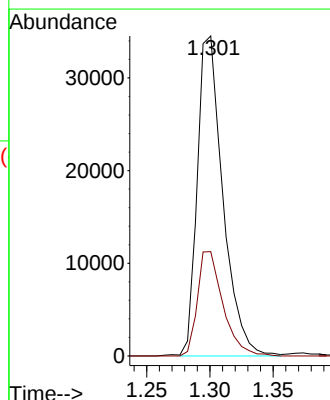
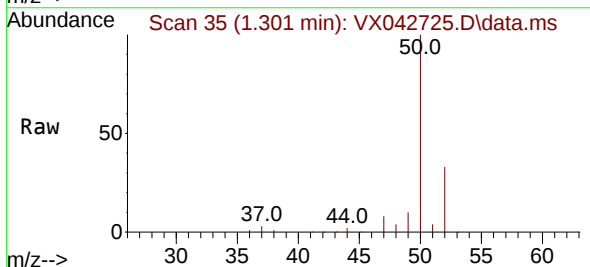
Instrument :
 MSVOA_X
 ClientSampleId :
 E20S6MSD

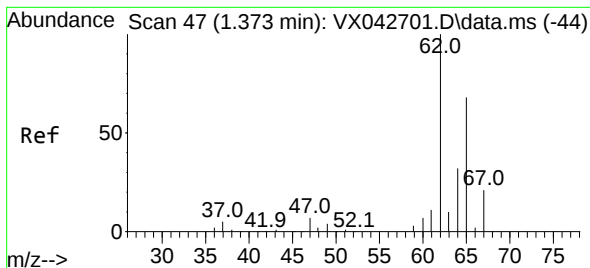
Tgt Ion: 85 Resp: 46591
 Ion Ratio Lower Upper
 85 100
 87 33.2 25.8 38.8



#3
 Chloromethane
 Concen: 43.401 ug/L
 RT: 1.301 min Scan# 35
 Delta R.T. 0.000 min
 Lab File: VX042725.D
 Acq: 30 Jul 2024 04:36

Tgt Ion: 50 Resp: 48721
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.0 42.6





#5

Vinyl chloride

Concen: 42.339 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX042725.D

Acq: 30 Jul 2024 04:36

Instrument :

MSVOA_X

ClientSampleId :

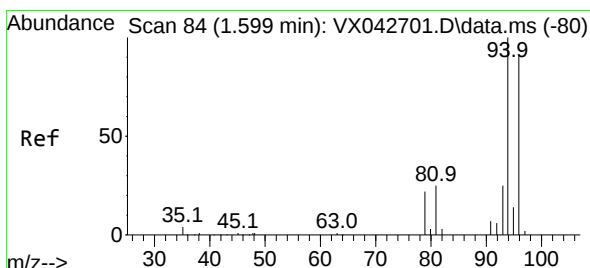
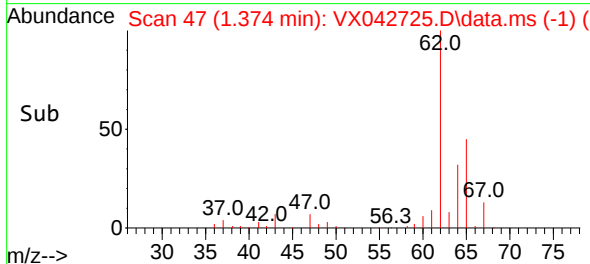
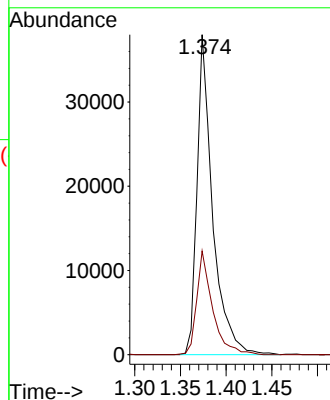
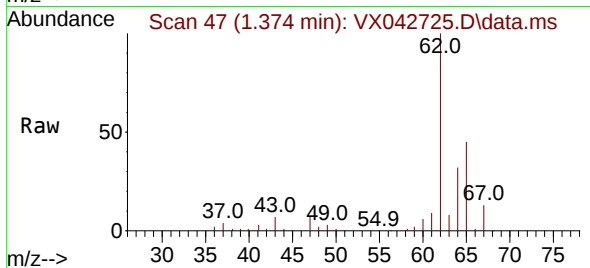
E20S6MSD

Tgt Ion: 62 Resp: 45181

Ion Ratio Lower Upper

62 100

64 32.4 21.6 40.0



#6

Bromomethane

Concen: 45.888 ug/L

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX042725.D

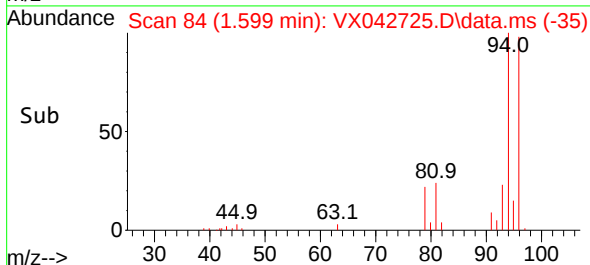
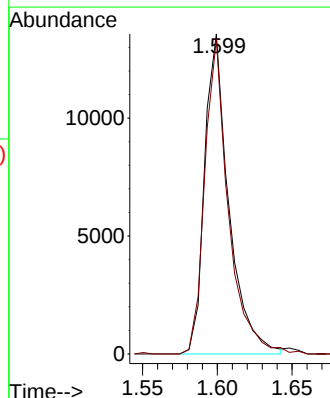
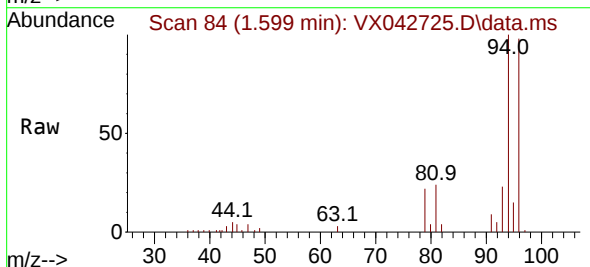
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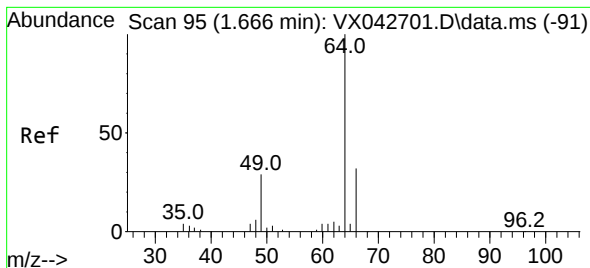
Tgt Ion: 94 Resp: 15321

Ion Ratio Lower Upper

94 100

96 98.4 66.1 122.7





#8

Chloroethane

Concen: 49.846 ug/L

RT: 1.666 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX042725.D

Acq: 30 Jul 2024 04:36

Instrument :

MSVOA_X

ClientSampleId :

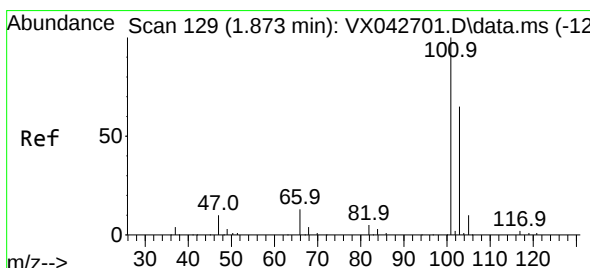
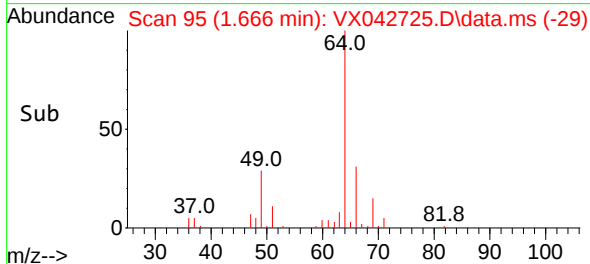
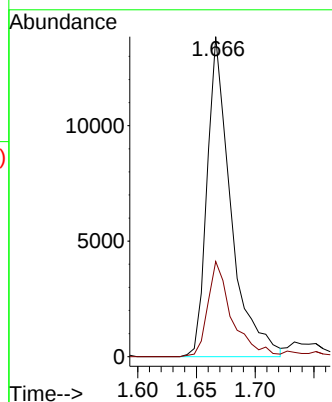
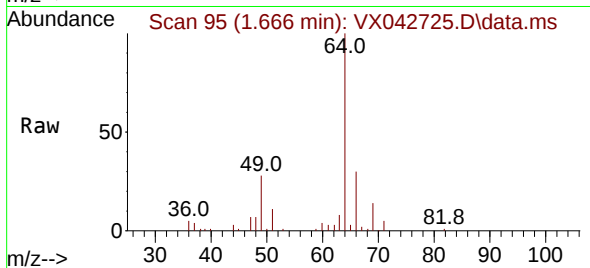
E20S6MSD

Tgt Ion: 64 Resp: 19475

Ion Ratio Lower Upper

64 100

66 29.8 21.4 39.8



#9

Trichlorofluoromethane

Concen: 37.638 ug/L

RT: 1.874 min Scan# 129

Delta R.T. 0.000 min

Lab File: VX042725.D

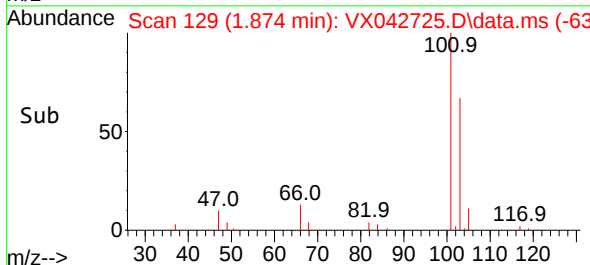
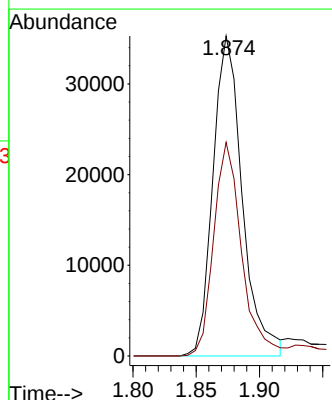
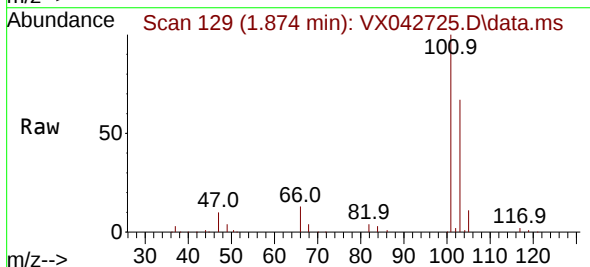
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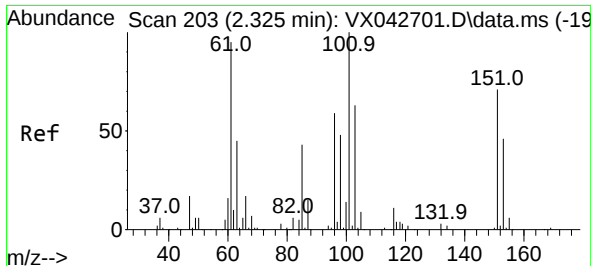
Tgt Ion:101 Resp: 56850

Ion Ratio Lower Upper

101 100

103 64.0 45.2 67.8

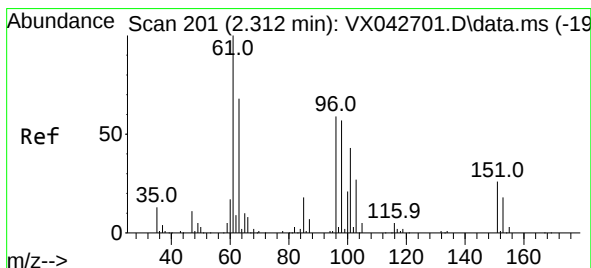
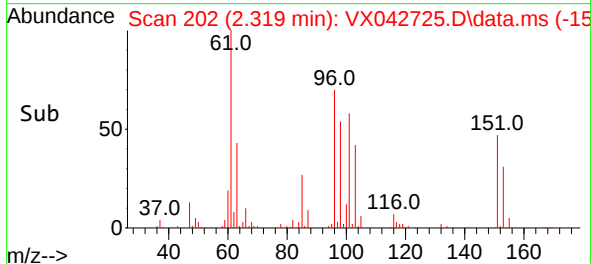
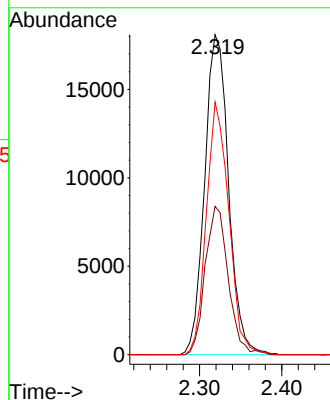
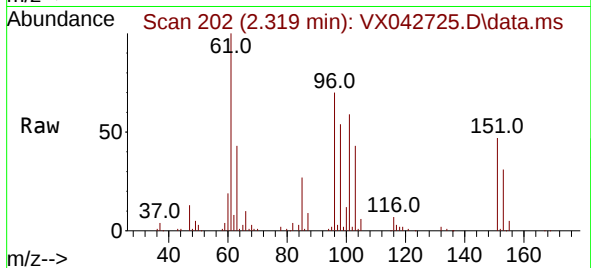




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 33.780 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

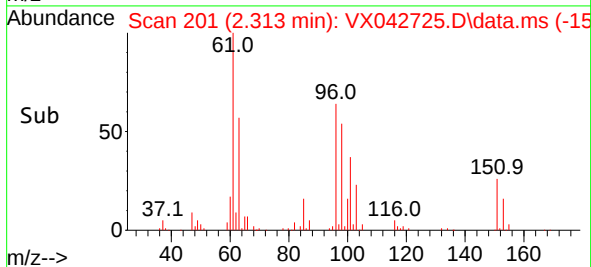
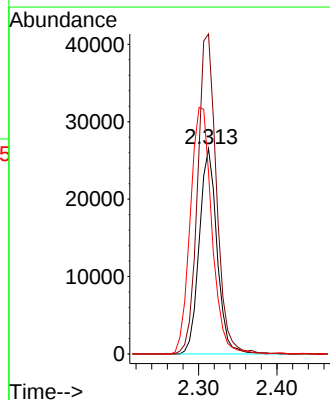
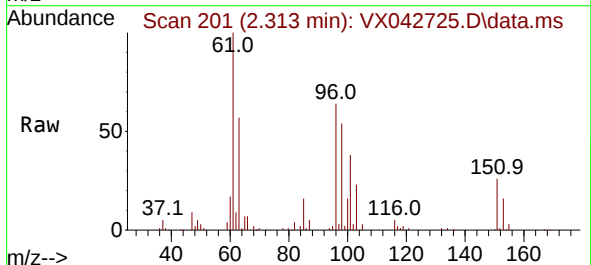
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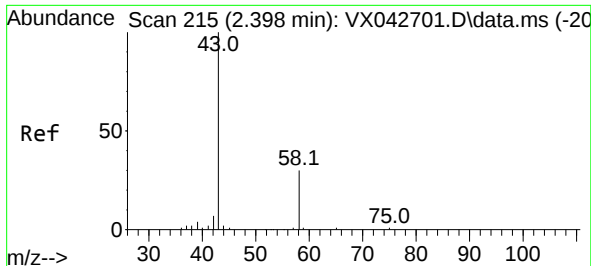
Tgt Ion:101 Resp: 36665
Ion Ratio Lower Upper
101 100
85 44.0 34.4 51.6
151 74.0 56.6 85.0



#12
1,1-Dichloroethene
Concen: 42.184 ug/L
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

Tgt Ion: 96 Resp: 41903
Ion Ratio Lower Upper
96 100
61 155.8 113.0 209.9
63 88.5 70.5 130.9

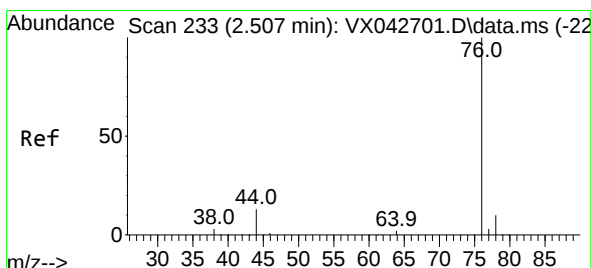
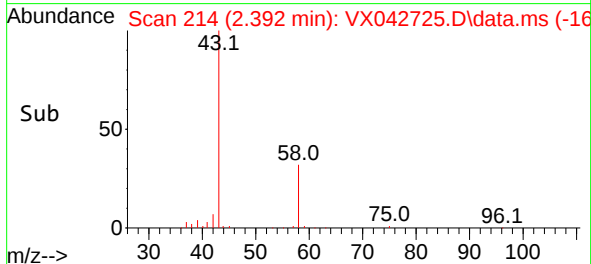
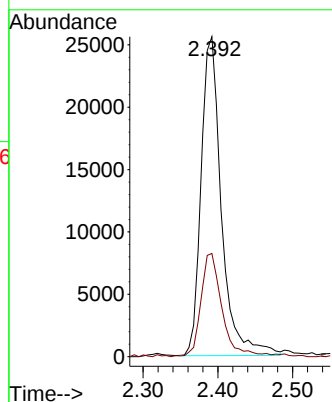
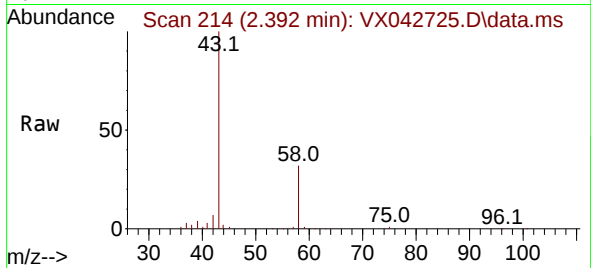




#13
Acetone
Concen: 89.533 ug/L
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

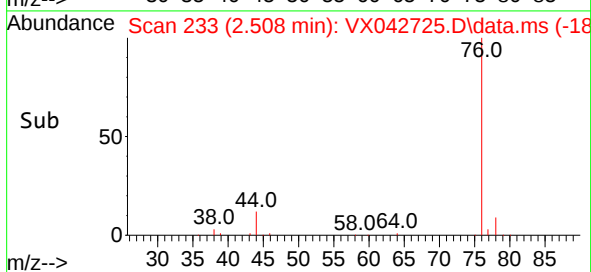
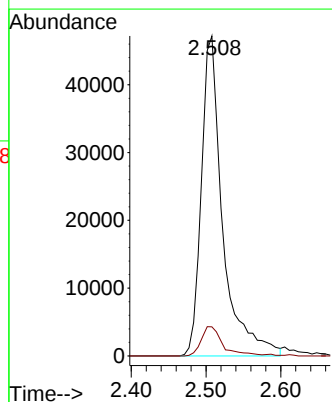
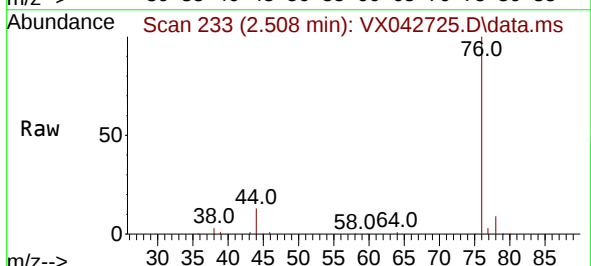
Instrument :
MSVOA_X
ClientSampleId :
E20S6MSD

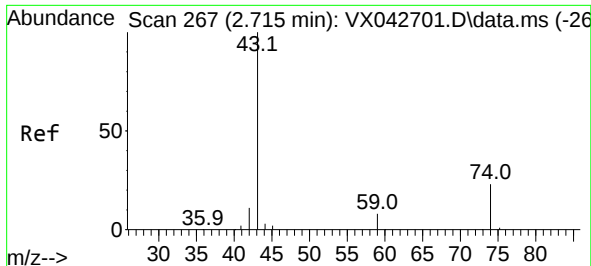
Tgt Ion: 43 Resp: 48421
Ion Ratio Lower Upper
43 100
58 32.2 0.0 62.4



#14
Carbon disulfide
Concen: 38.614 ug/L
RT: 2.508 min Scan# 233
Delta R.T. 0.000 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

Tgt Ion: 76 Resp: 93653
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

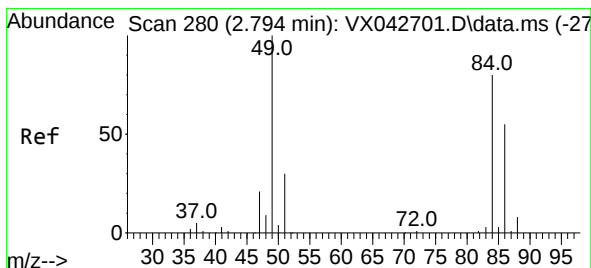
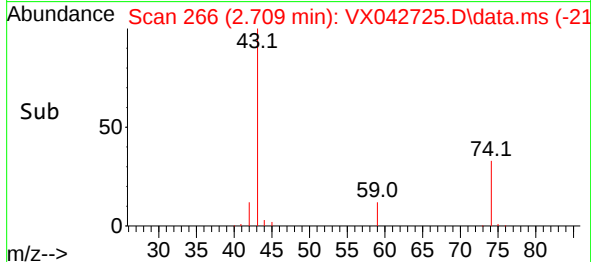
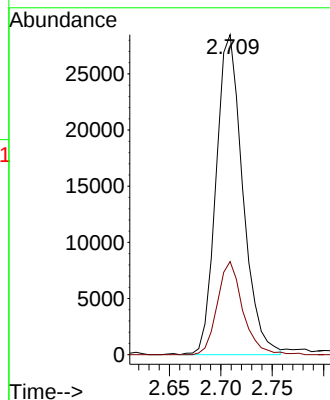
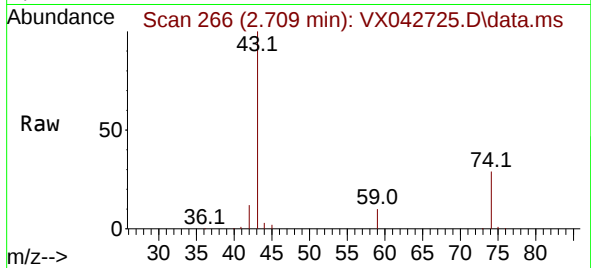




#15
Methyl Acetate
Concen: 42.877 ug/L
RT: 2.709 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

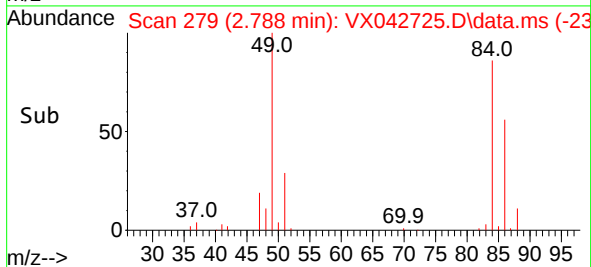
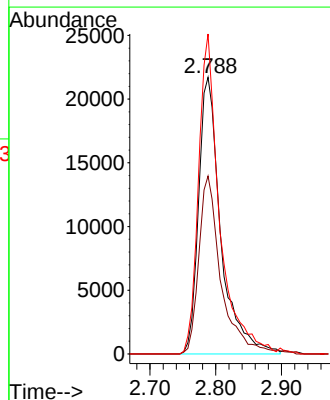
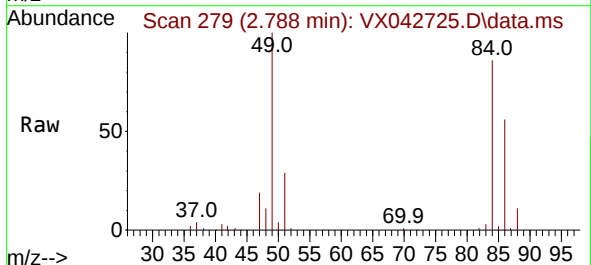
Instrument :
MSVOA_X
ClientSampleId :
E20S6MSD

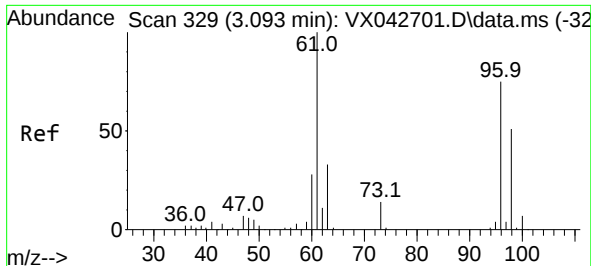
Tgt Ion: 43 Resp: 51401
Ion Ratio Lower Upper
43 100
74 27.7 21.0 31.4



#16
Methylene chloride
Concen: 44.506 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

Tgt Ion: 84 Resp: 51055
Ion Ratio Lower Upper
84 100
86 64.3 43.5 80.7
49 115.7 81.1 150.7

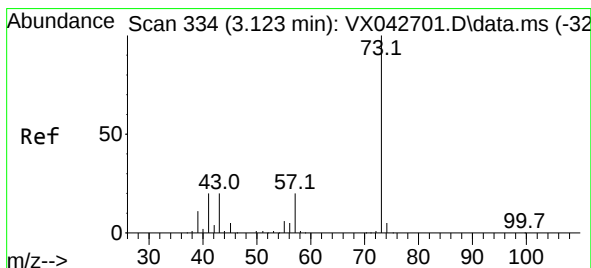
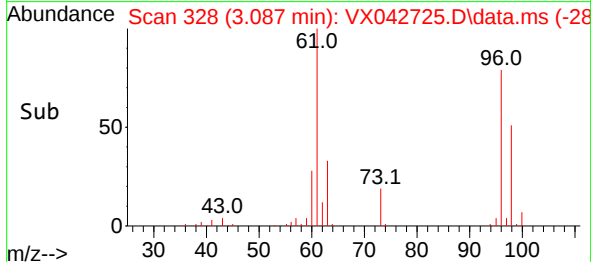
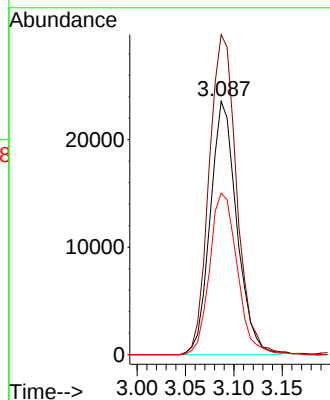
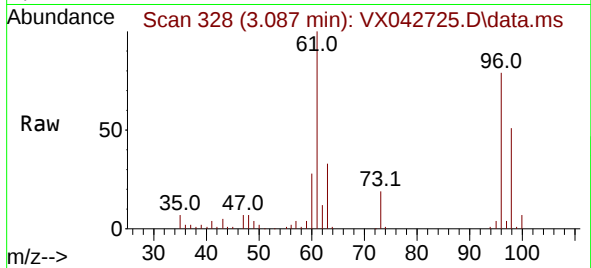




#17
trans-1,2-Dichloroethene
Concen: 44.283 ug/L
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

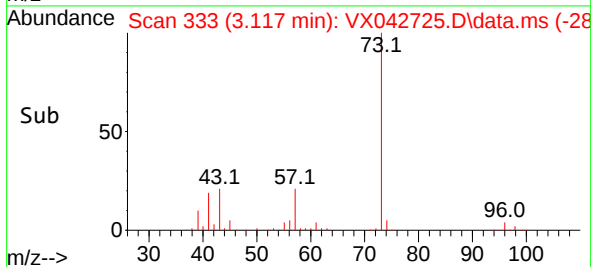
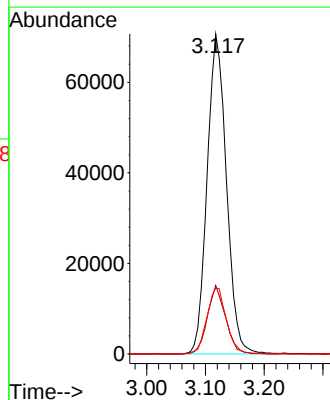
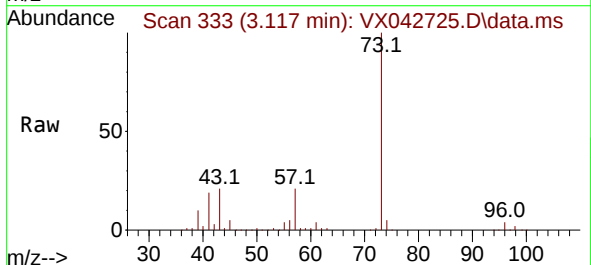
Instrument :
MSVOA_X
ClientSampleId :
E20S6MSD

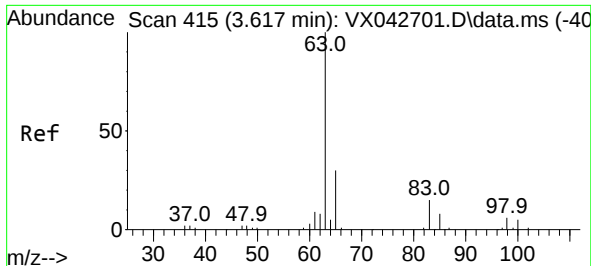
Tgt Ion: 96 Resp: 45142
Ion Ratio Lower Upper
96 100
61 126.3 99.3 184.3
98 63.8 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 45.699 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

Tgt Ion: 73 Resp: 161471
Ion Ratio Lower Upper
73 100
43 20.1 15.4 23.2
57 20.7 16.9 25.3

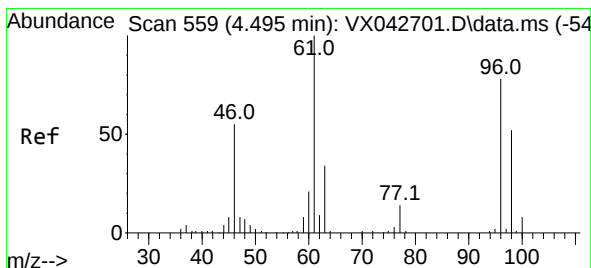
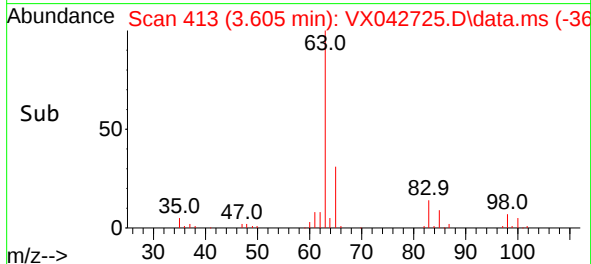
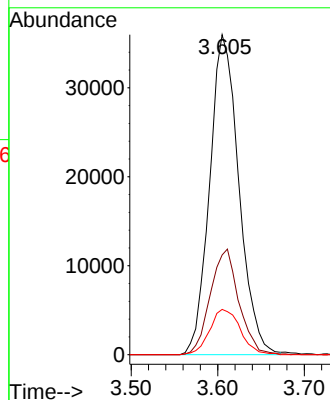
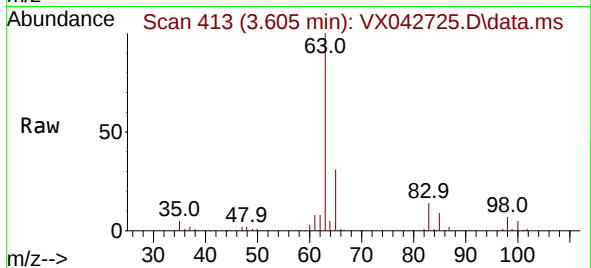




#19
1,1-Dichloroethane
Concen: 43.350 ug/L
RT: 3.605 min Scan# 41
Delta R.T. -0.012 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

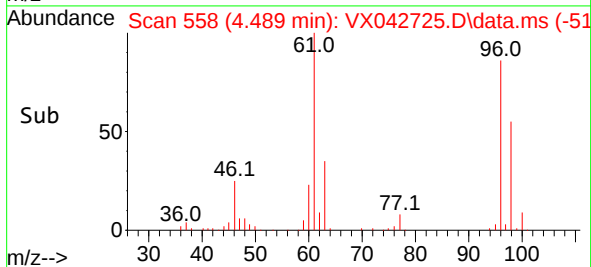
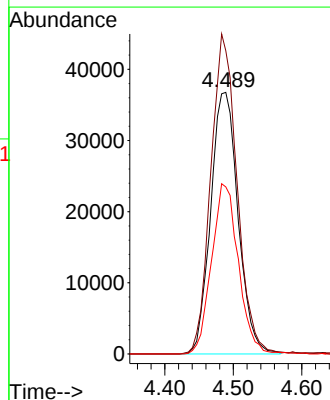
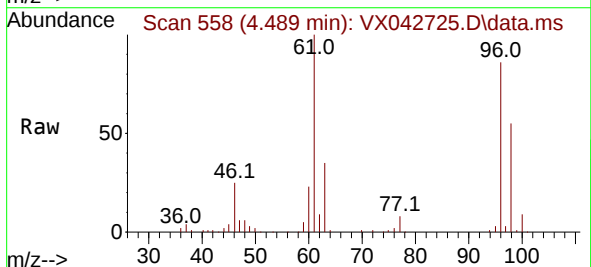
Instrument :
MSVOA_X
ClientSampleId :
E20S6MSD

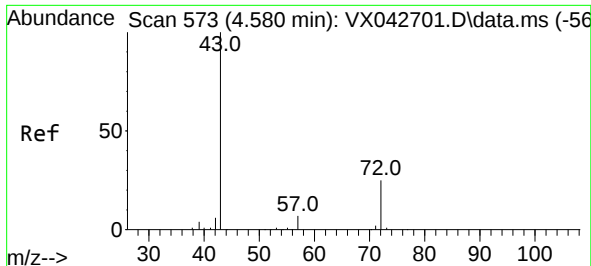
Tgt Ion: 63 Resp: 84373
Ion Ratio Lower Upper
63 100
65 31.2 23.6 43.8
83 14.2 10.9 20.3



#20
cis-1,2-Dichloroethene
Concen: 87.731 ug/L
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

Tgt Ion: 96 Resp: 102150
Ion Ratio Lower Upper
96 100
61 115.9 85.3 158.3
98 63.9 42.7 79.3

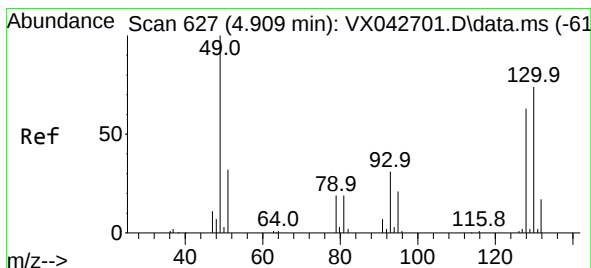
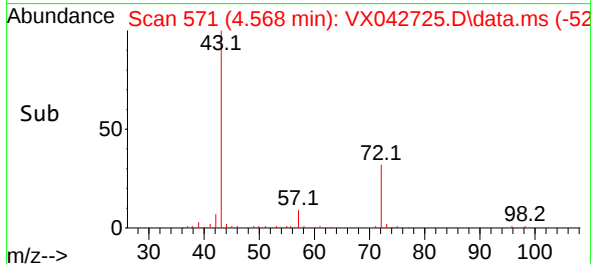
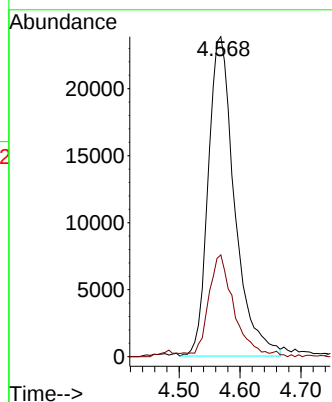
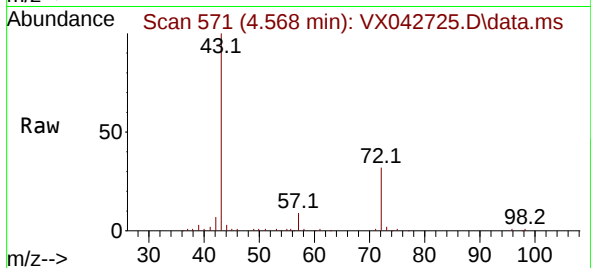




#22
2-Butanone
Concen: 87.127 ug/L
RT: 4.568 min Scan# 51
Delta R.T. -0.012 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

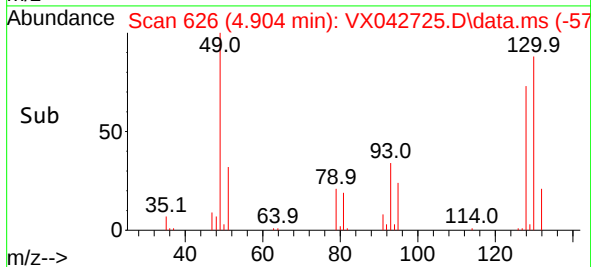
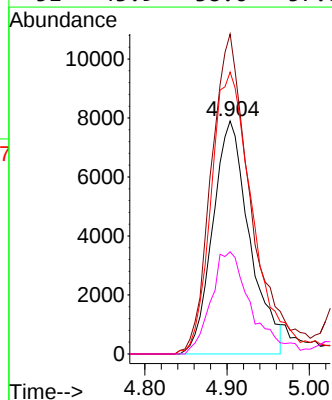
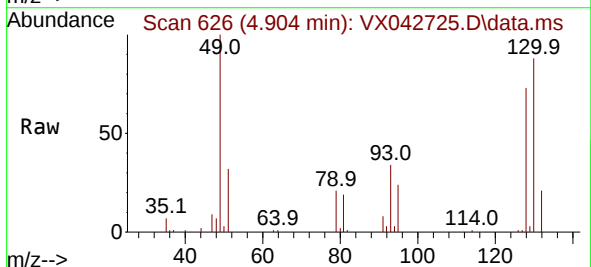
Instrument :
MSVOA_X
ClientSampleId :
E20S6MSD

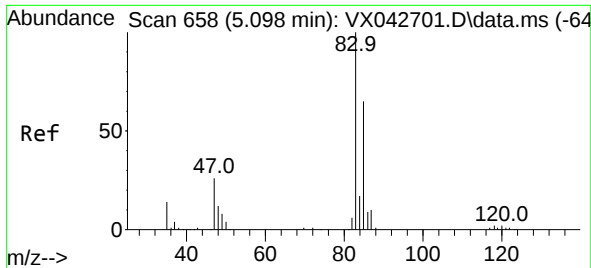
Tgt Ion: 43 Resp: 71764
Ion Ratio Lower Upper
43 100
72 28.2 13.4 40.2



#23
Bromochloromethane
Concen: 44.655 ug/L
RT: 4.904 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

Tgt Ion: 128 Resp: 24621
Ion Ratio Lower Upper
128 100
49 137.4 107.0 198.6
130 121.0 85.5 158.9
51 43.9 38.6 57.8

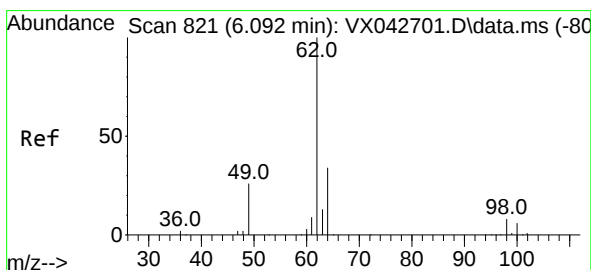
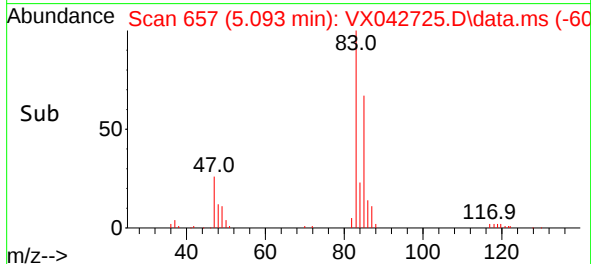
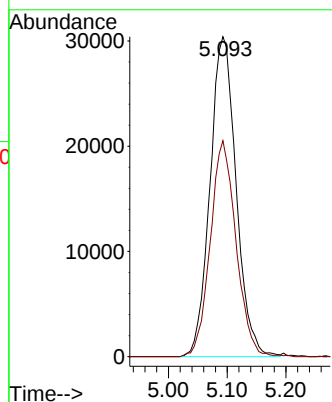
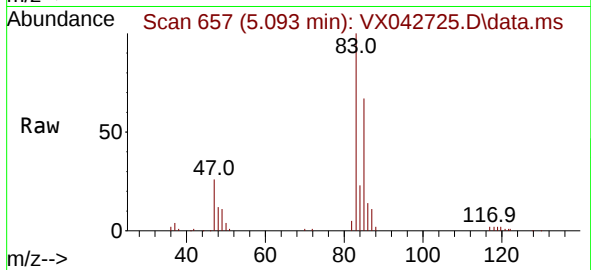




#25
Chloroform
Concen: 45.256 ug/L
RT: 5.093 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

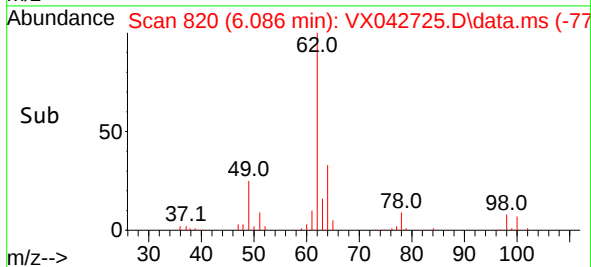
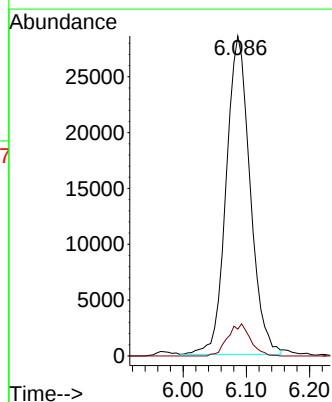
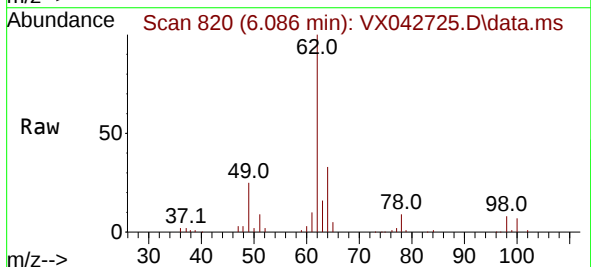
Instrument :
MSVOA_X
ClientSampleId :
E20S6MSD

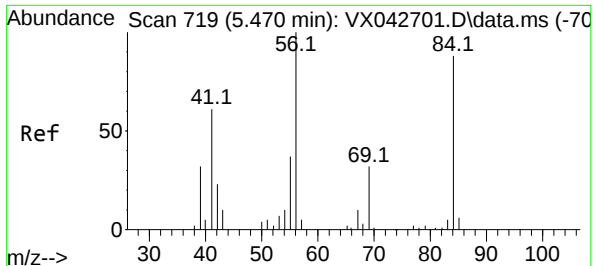
Tgt Ion: 83 Resp: 93918
Ion Ratio Lower Upper
83 100
85 67.5 44.3 82.3



#27
1,2-Dichloroethane
Concen: 45.400 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

Tgt Ion: 62 Resp: 74829
Ion Ratio Lower Upper
62 100
98 8.4 7.1 10.7





#29

Cyclohexane

Concen: 33.150 ug/L

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX042725.D

Acq: 30 Jul 2024 04:36

Instrument :

MSVOA_X

ClientSampleId :

E20S6MSD

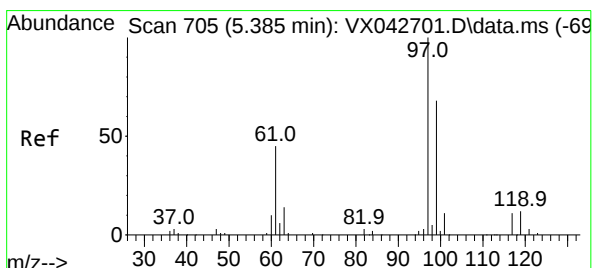
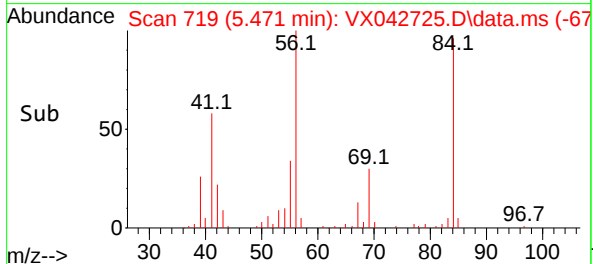
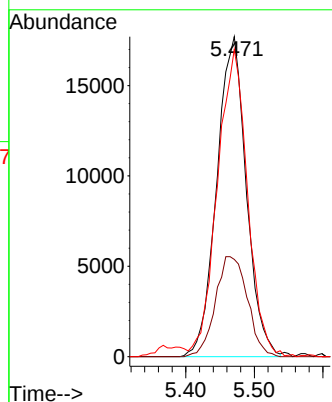
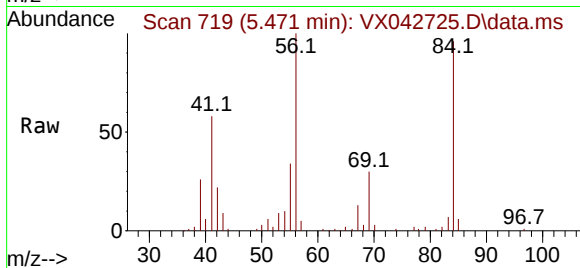
Tgt Ion: 56 Resp: 53053

Ion Ratio Lower Upper

56 100

69 33.8 26.1 39.1

84 97.7 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 44.453 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX042725.D

Acq: 30 Jul 2024 04:36

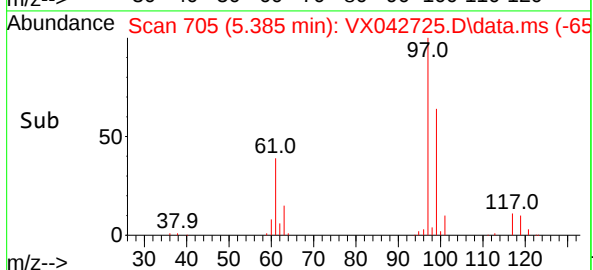
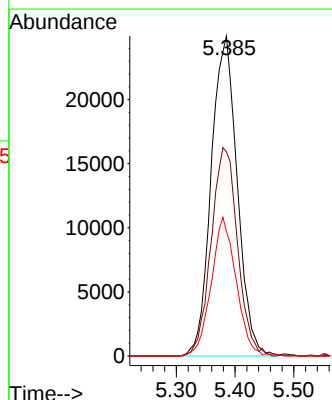
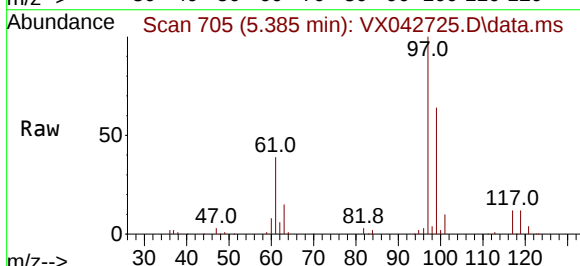
Tgt Ion: 97 Resp: 76868

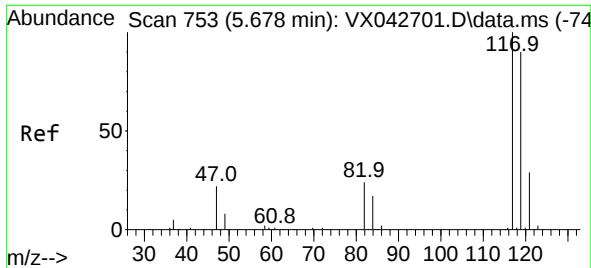
Ion Ratio Lower Upper

97 100

99 66.0 51.4 77.0

61 41.2 34.4 51.6

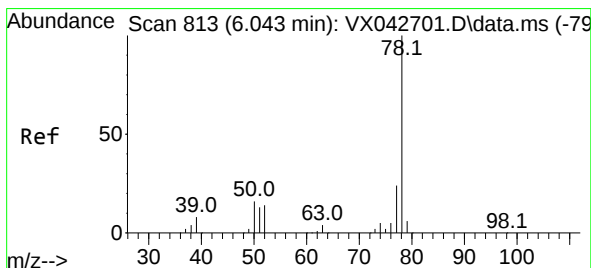
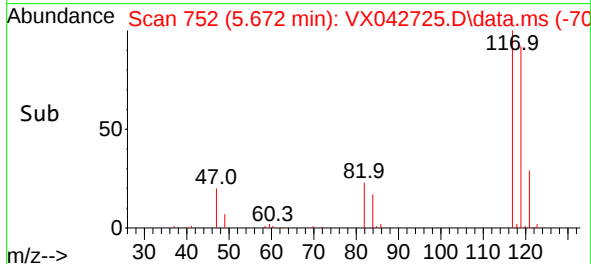
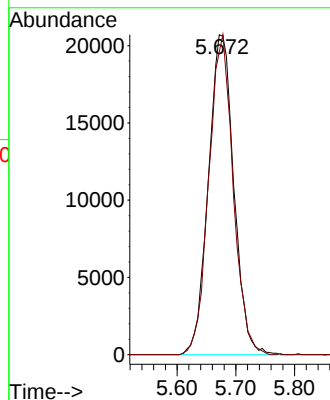
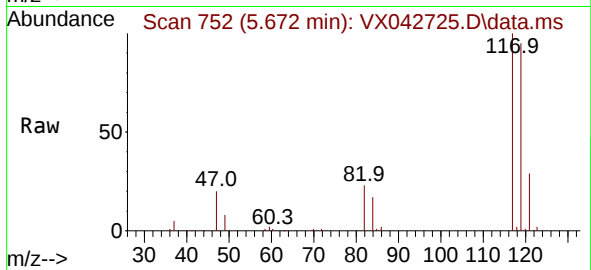




#31
Carbon tetrachloride
Concen: 42.586 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

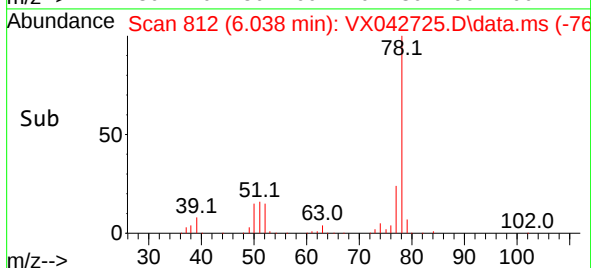
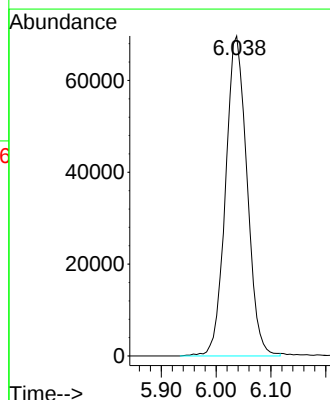
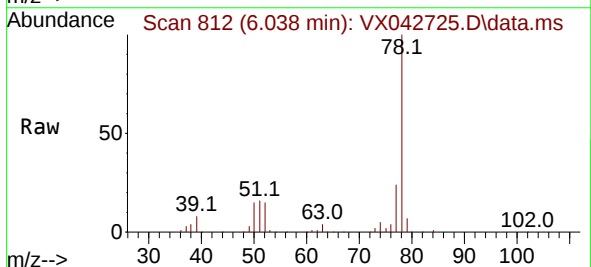
Instrument :
MSVOA_X
ClientSampleId :
E20S6MSD

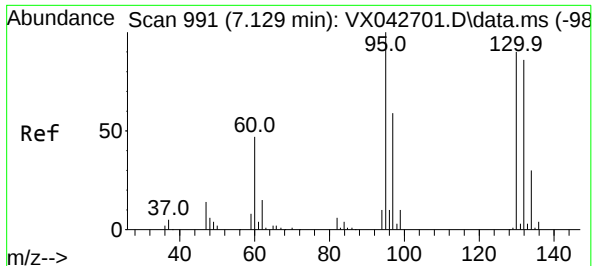
Tgt Ion:117 Resp: 62200
Ion Ratio Lower Upper
117 100
119 95.8 76.2 114.2



#33
Benzene
Concen: 45.694 ug/L
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

Tgt Ion: 78 Resp: 189307



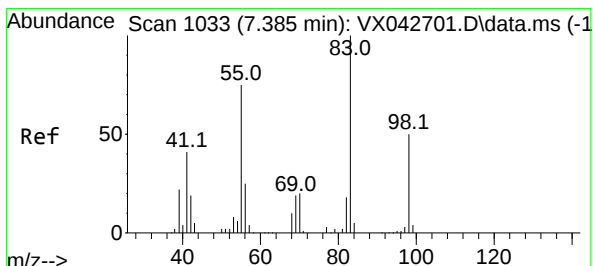
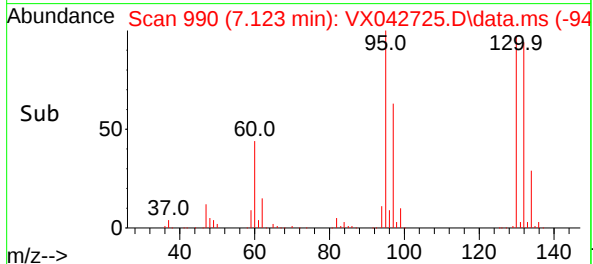
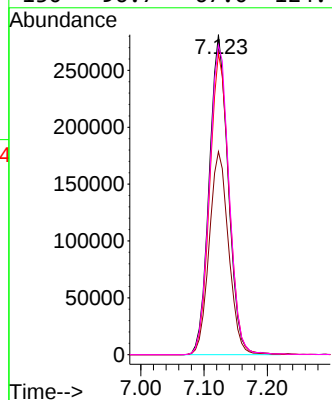
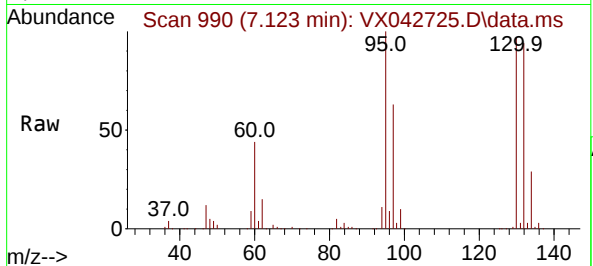


#34
Trichloroethene
Concen: 531.487 ug/L
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

Instrument :
MSVOA_X
ClientSampleId :
E20S6MSD

Tgt Ion: 95 Resp: 588281

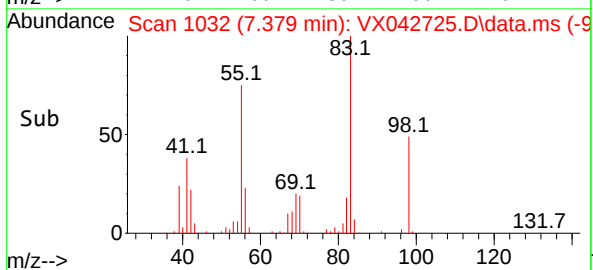
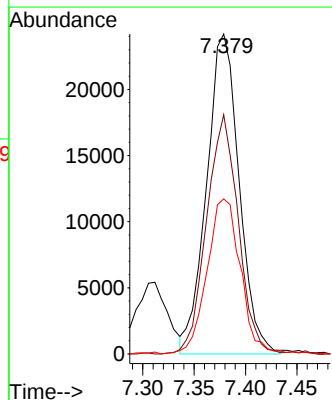
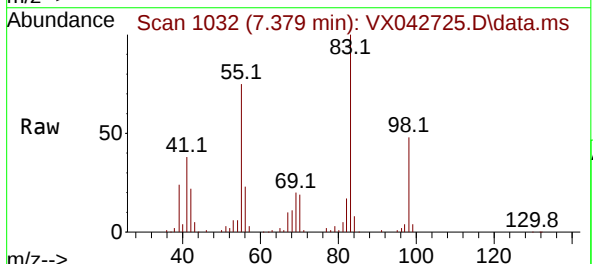
Ion	Ratio	Lower	Upper
95	100		
97	63.5	46.3	86.1
132	94.2	64.3	119.5
130	96.7	67.0	124.4

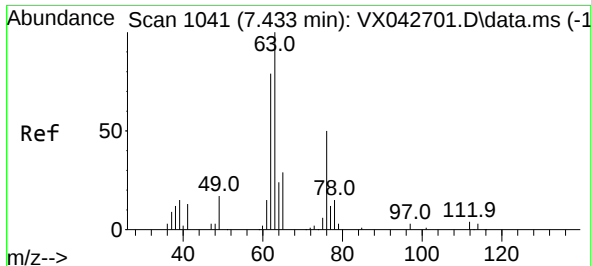


#35
Methylcyclohexane
Concen: 31.796 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

Tgt Ion: 83 Resp: 53266

Ion	Ratio	Lower	Upper
83	100		
55	72.6	58.2	87.2
98	49.6	38.5	57.7





#37

1,2-Dichloropropane

Concen: 46.029 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX042725.D

Acq: 30 Jul 2024 04:36

Instrument :

MSVOA_X

ClientSampleId :

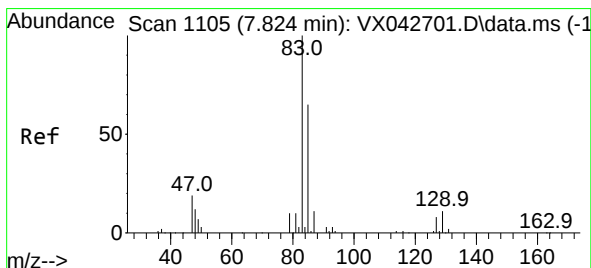
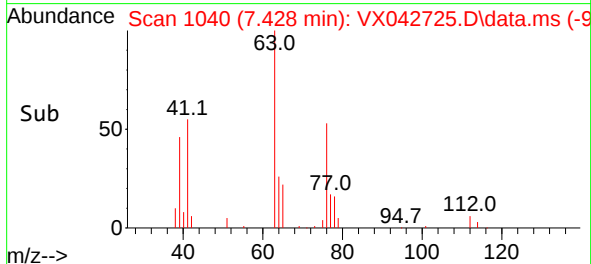
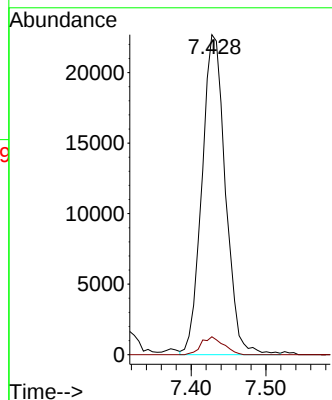
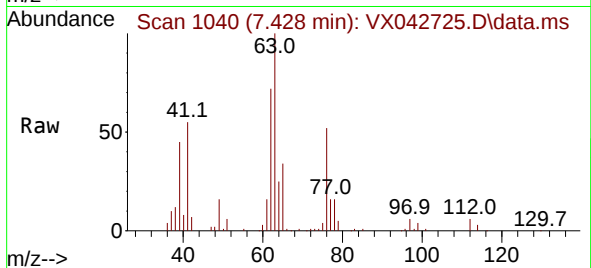
E20S6MSD

Tgt Ion: 63 Resp: 49561

Ion Ratio Lower Upper

63 100

112 5.3 3.7 5.5



#38

Bromodichloromethane

Concen: 46.575 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX042725.D

Acq: 30 Jul 2024 04:36

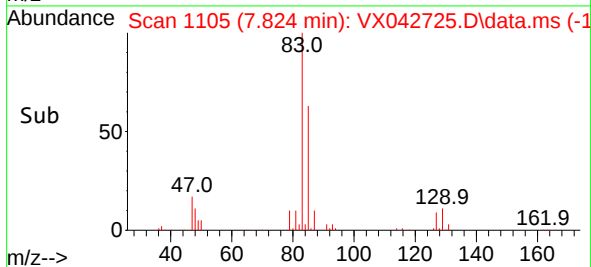
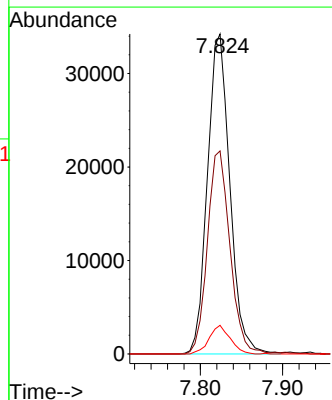
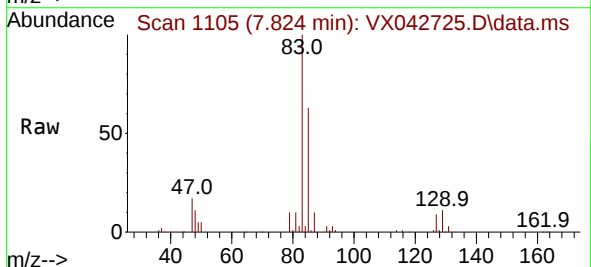
Tgt Ion: 83 Resp: 64816

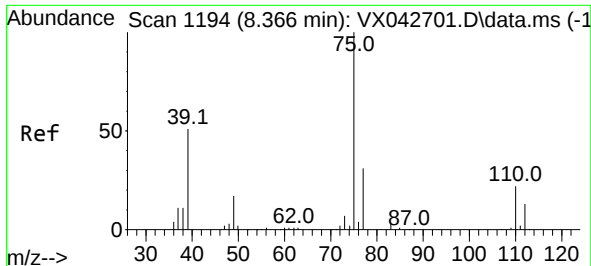
Ion Ratio Lower Upper

83 100

85 63.5 43.7 81.1

127 9.0 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 39.340 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX042725.D

Acq: 30 Jul 2024 04:36

Instrument :

MSVOA_X

ClientSampleId :

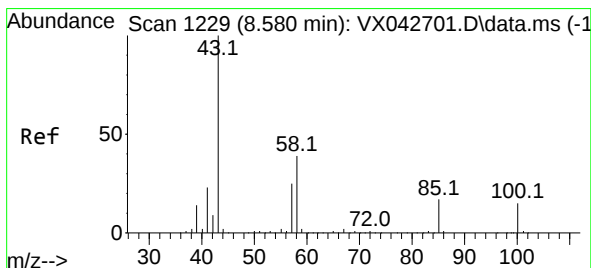
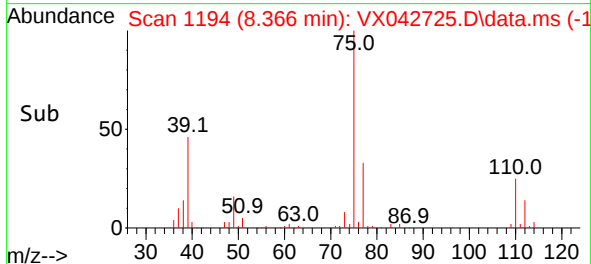
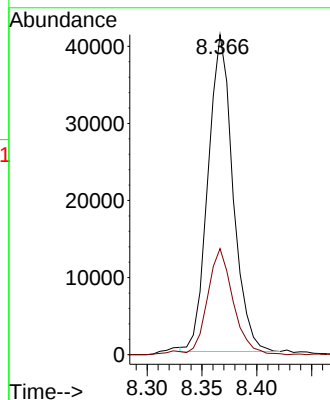
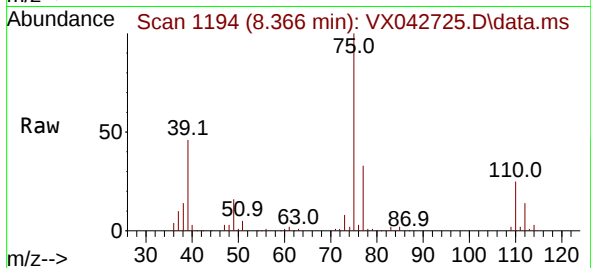
E20S6MSD

Tgt Ion: 75 Resp: 65019

Ion Ratio Lower Upper

75 100

77 33.1 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 92.255 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX042725.D

Acq: 30 Jul 2024 04:36

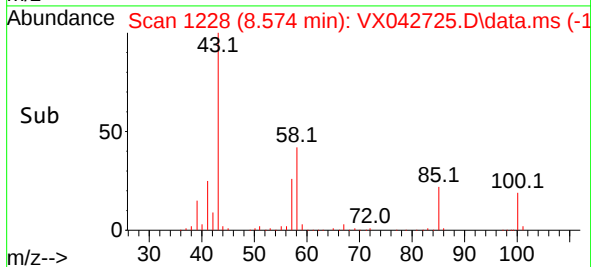
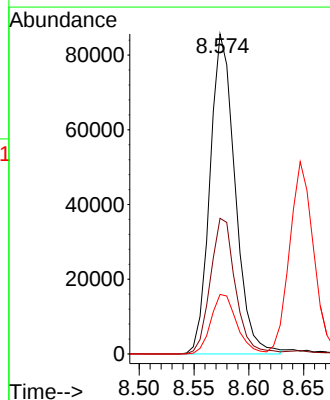
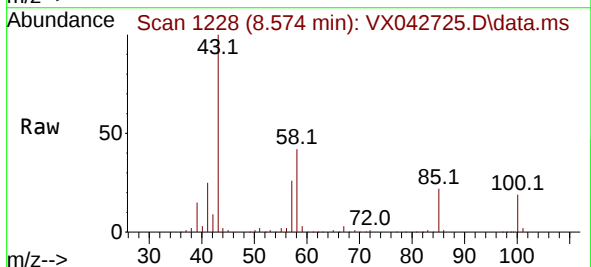
Tgt Ion: 43 Resp: 136666

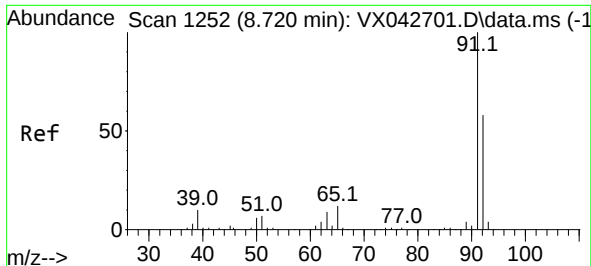
Ion Ratio Lower Upper

43 100

58 42.3 32.4 48.6

100 19.2 13.4 20.0





#42

Toluene

Concen: 46.331 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX042725.D

Acq: 30 Jul 2024 04:36

Instrument :

MSVOA_X

ClientSampleId :

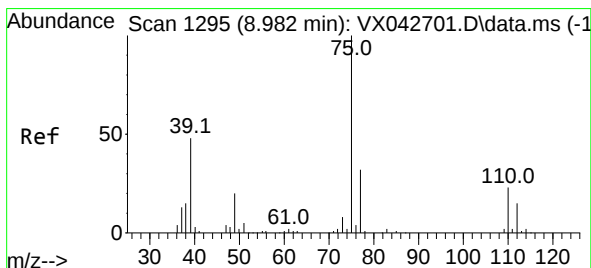
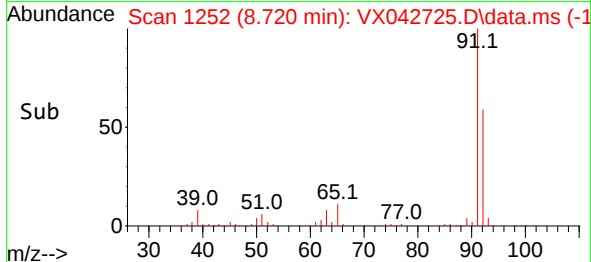
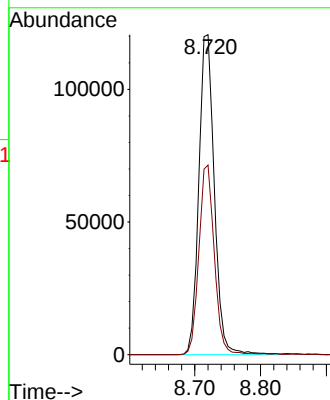
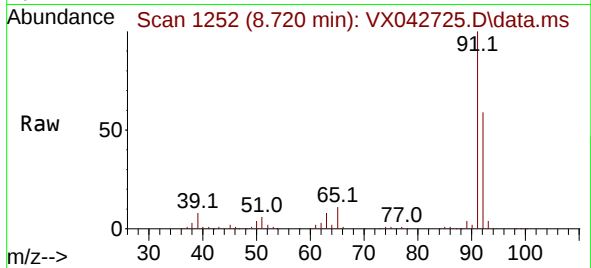
E20S6MSD

Tgt Ion: 91 Resp: 197697

Ion Ratio Lower Upper

91 100

92 59.2 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 42.667 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX042725.D

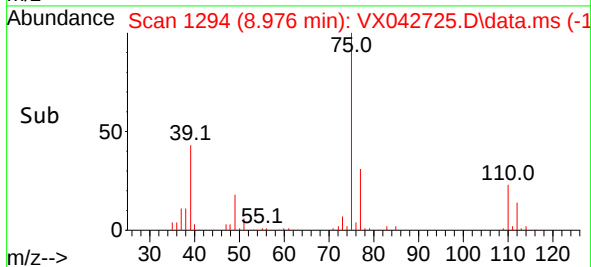
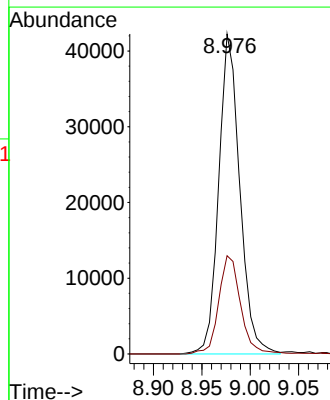
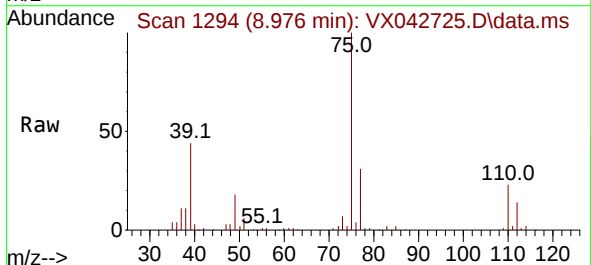
Acq: 30 Jul 2024 04:36

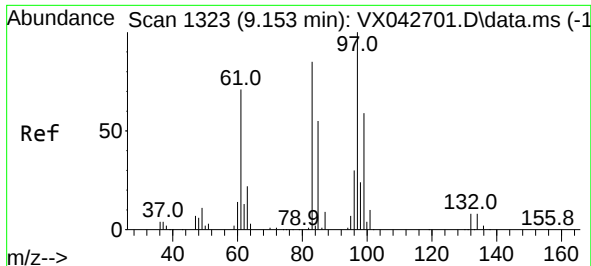
Tgt Ion: 75 Resp: 63922

Ion Ratio Lower Upper

75 100

77 30.7 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 48.926 ug/L

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042725.D

Acq: 30 Jul 2024 04:36

Instrument :

MSVOA_X

ClientSampleId :

E20S6MSD

Tgt Ion: 97 Resp: 53207

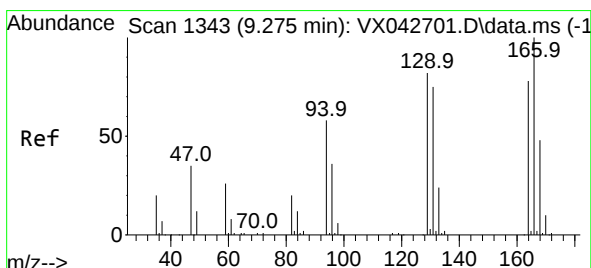
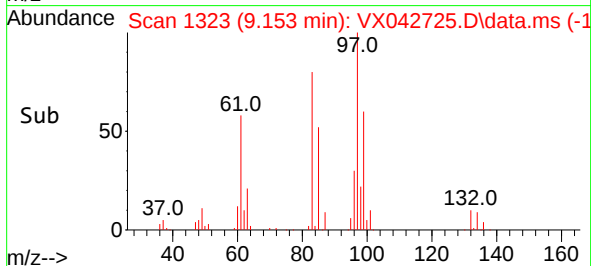
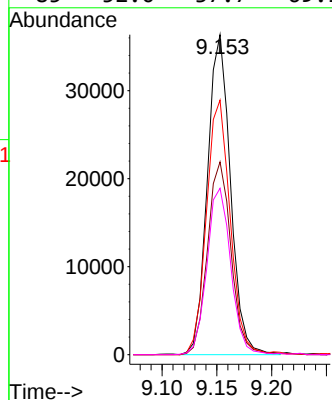
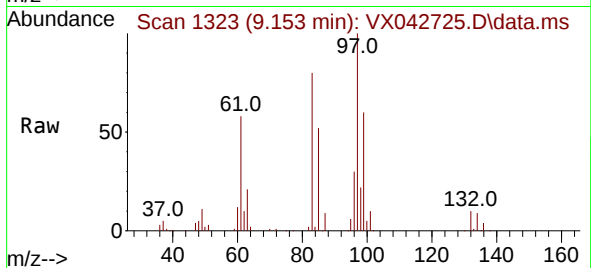
Ion Ratio Lower Upper

97 100

99 60.3 42.6 79.2

83 79.6 59.3 110.1

85 52.0 37.7 69.9



#46

Tetrachloroethene

Concen: 43.253 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX042725.D

Acq: 30 Jul 2024 04:36

Tgt Ion:164 Resp: 32650

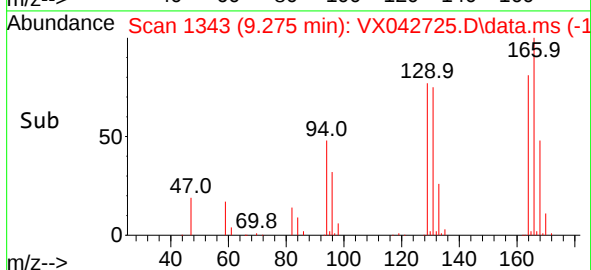
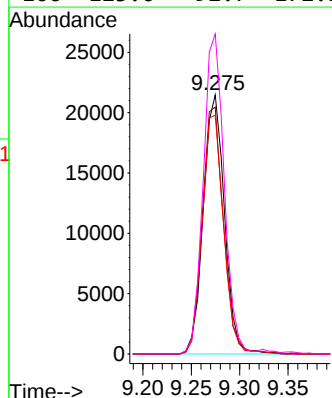
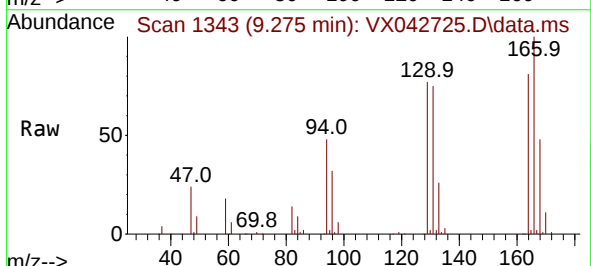
Ion Ratio Lower Upper

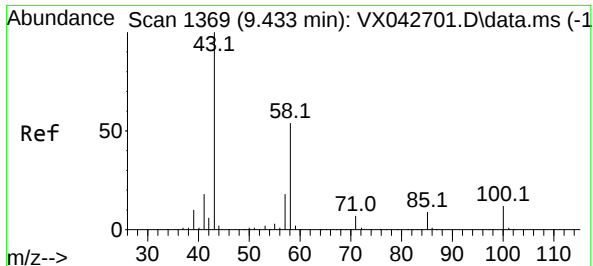
164 100

129 95.3 74.2 137.8

131 92.2 66.9 124.3

166 123.6 92.7 172.1

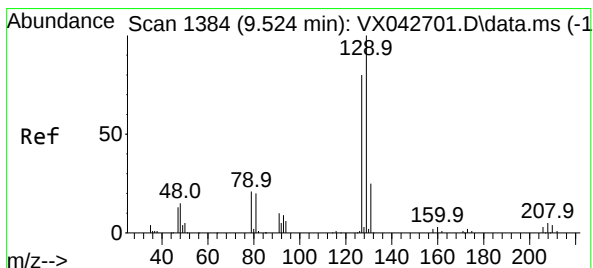
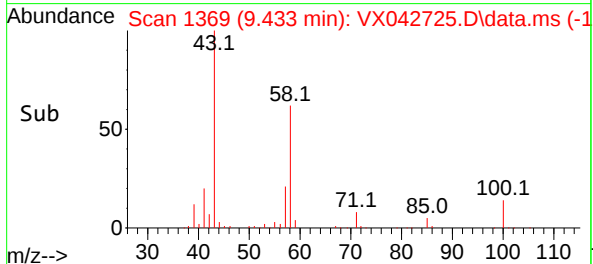
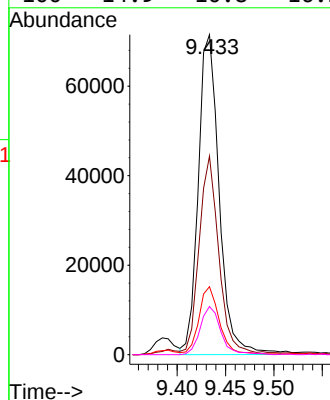
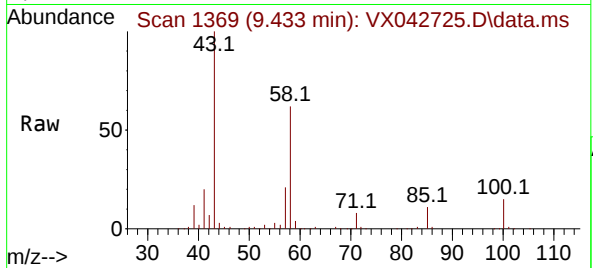




#48
2-Hexanone
Concen: 93.692 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

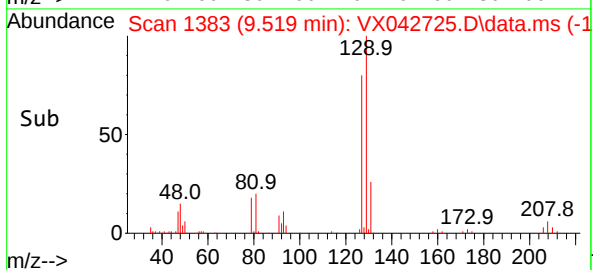
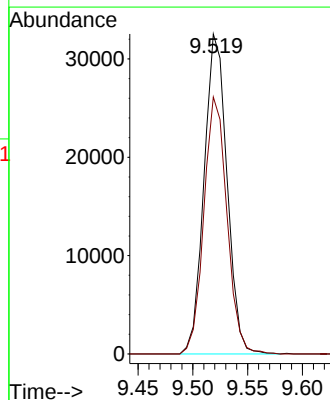
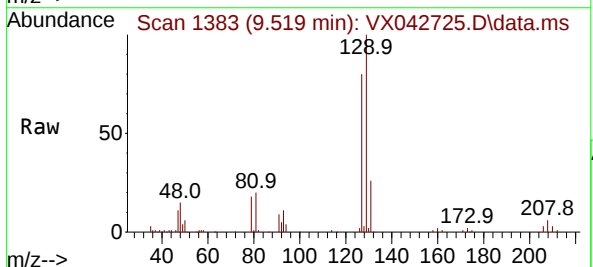
Instrument :
MSVOA_X
ClientSampleId :
E20S6MSD

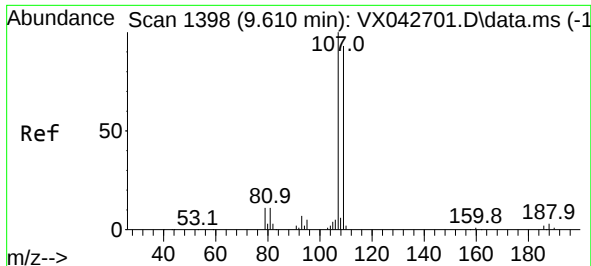
Tgt Ion: 43	Resp: 107944
Ion Ratio	Lower Upper
43 100	
58 59.1	44.9 67.3
57 20.9	15.8 23.6
100 14.9	10.8 16.2



#49
Dibromochloromethane
Concen: 46.642 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

Tgt Ion:129	Resp:	47364	
Ion	Ratio	Lower	Upper
129	100		
127	80.3	57.4	106.6





#50

1,2-Dibromoethane

Concen: 47.614 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX042725.D

Acq: 30 Jul 2024 04:36

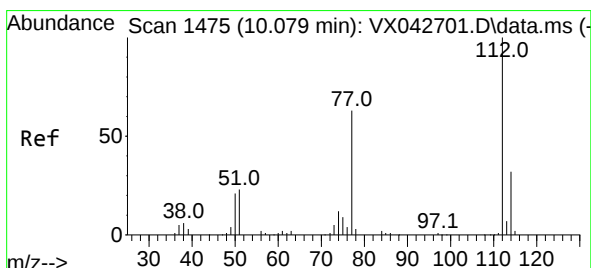
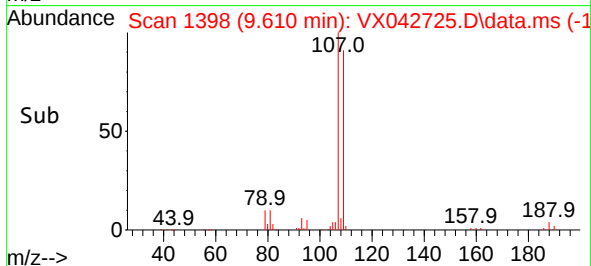
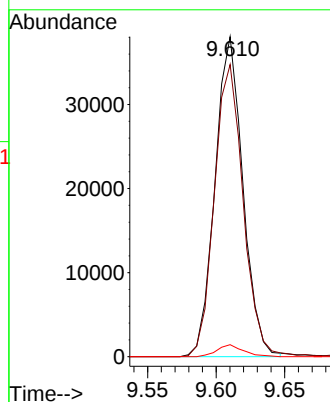
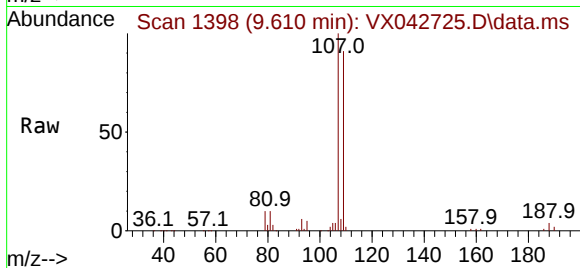
Instrument :

MSVOA_X

ClientSampleId :

E20S6MSD

Tgt Ion:	107	Resp:	53854
Ion	Ratio	Lower	Upper
107	100		
109	91.3	65.4	121.4
188	3.7	2.2	3.2#



#51

Chlorobenzene

Concen: 44.654 ug/L

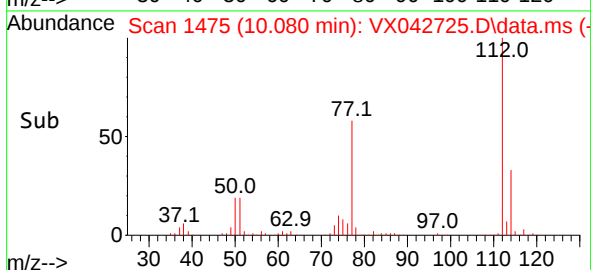
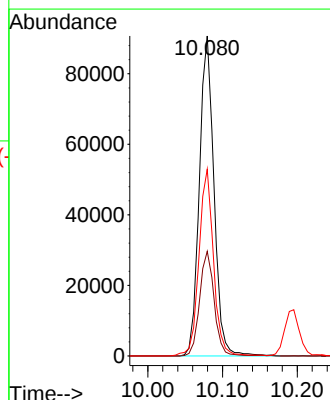
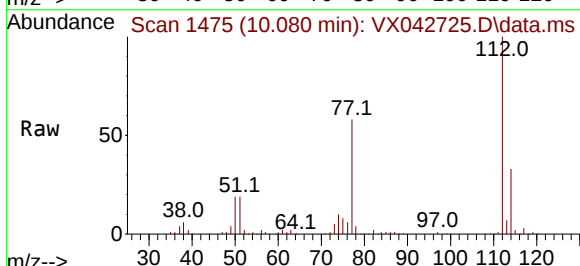
RT: 10.080 min Scan# 1475

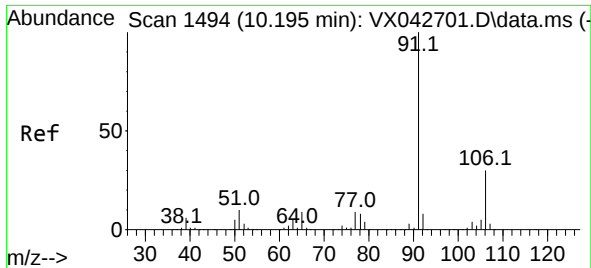
Delta R.T. 0.000 min

Lab File: VX042725.D

Acq: 30 Jul 2024 04:36

Tgt Ion:	112	Resp:	123217
Ion	Ratio	Lower	Upper
112	100		
114	32.7	23.2	43.2
77	58.4	46.3	69.5

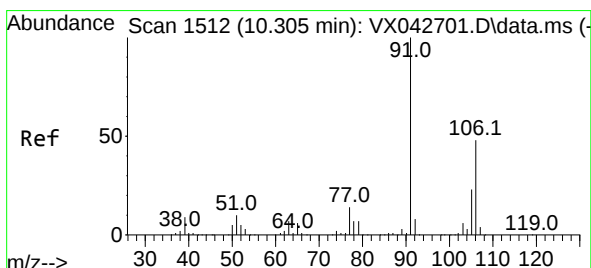
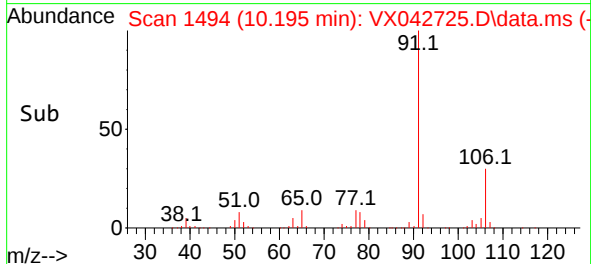
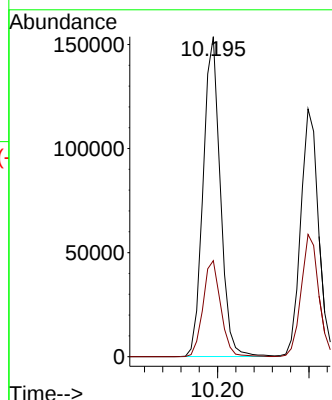
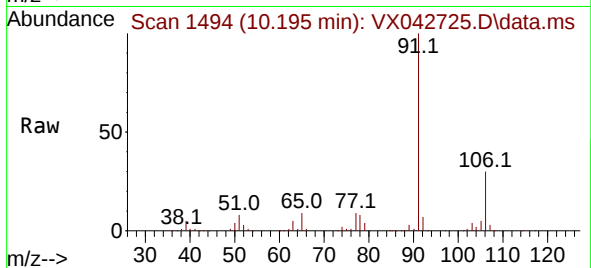




#52
Ethylbenzene
Concen: 42.865 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

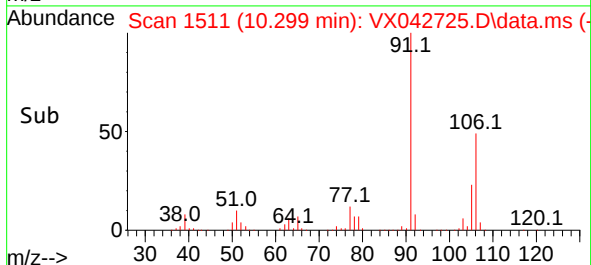
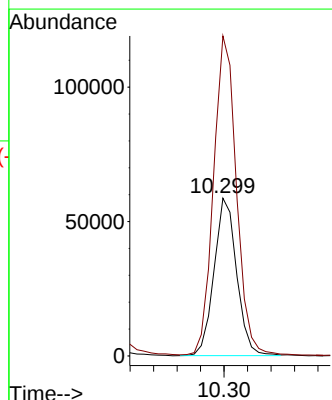
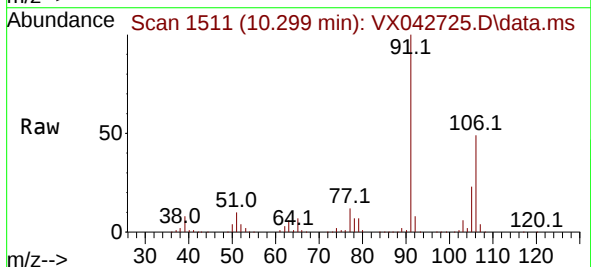
Instrument :
MSVOA_X
ClientSampleId :
E20S6MSD

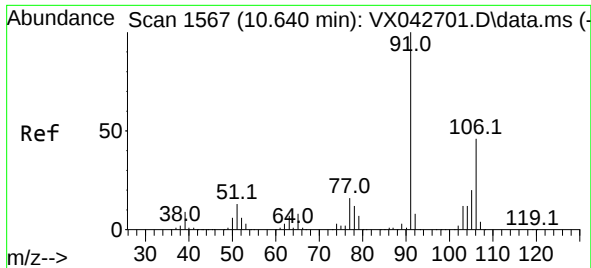
Tgt Ion: 91 Resp: 200618
Ion Ratio Lower Upper
91 100
106 30.0 21.8 40.4



#53
m,p-Xylene
Concen: 44.524 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

Tgt Ion: 106 Resp: 78501
Ion Ratio Lower Upper
106 100
91 202.8 146.8 272.6

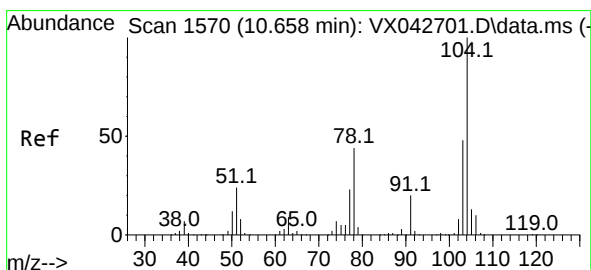
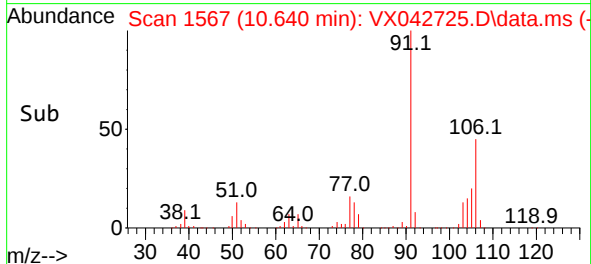
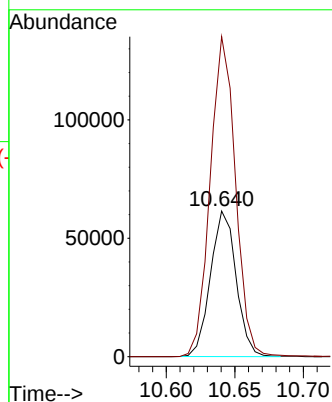
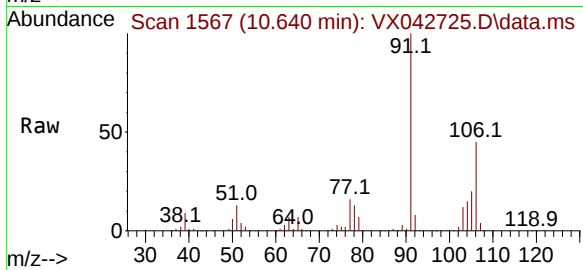




#54
o-Xylene
Concen: 45.588 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

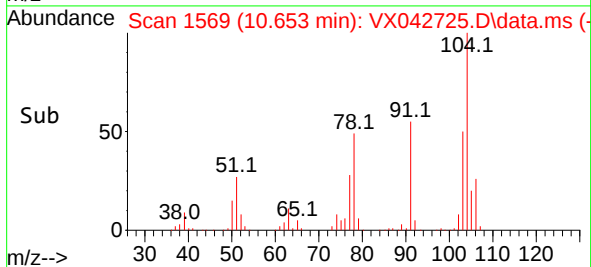
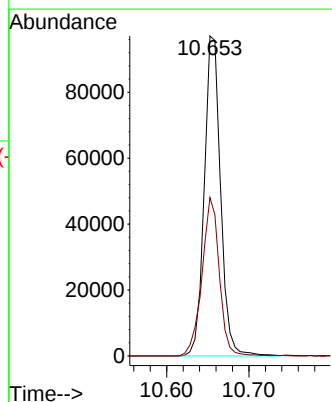
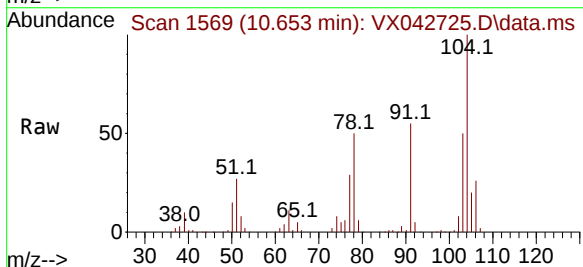
Instrument :
MSVOA_X
ClientSampleId :
E20S6MSD

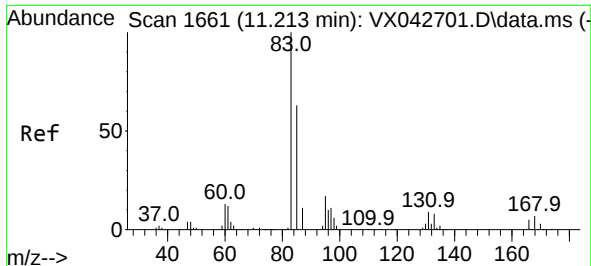
Tgt Ion:106 Resp: 79957
Ion Ratio Lower Upper
106 100
91 219.8 154.6 287.2



#55
Styrene
Concen: 45.924 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

Tgt Ion:104 Resp: 134268
Ion Ratio Lower Upper
104 100
78 49.5 32.6 60.5

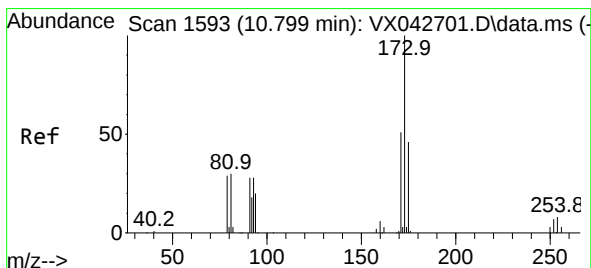
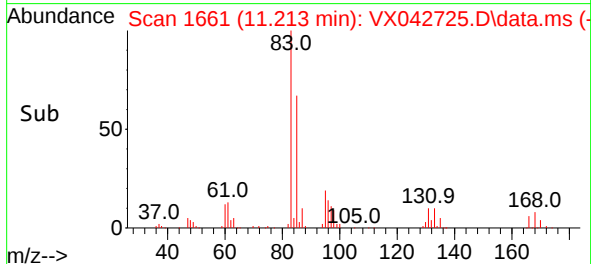
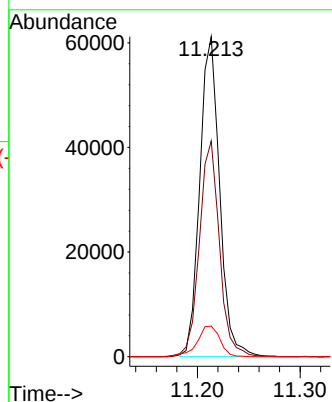
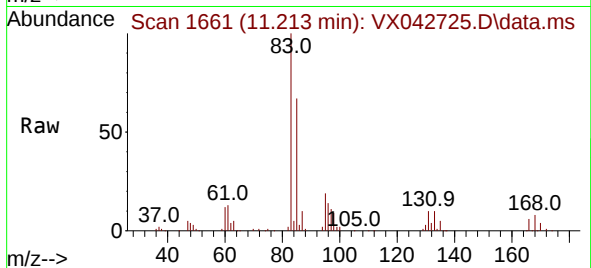




#57
1,1,2,2-Tetrachloroethane
Concen: 47.371 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

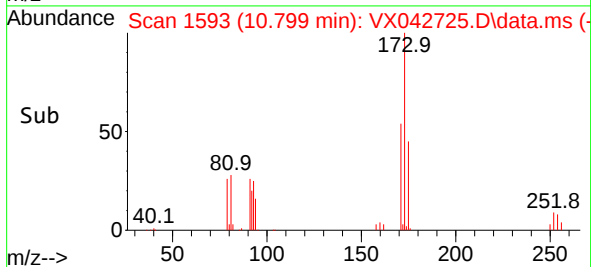
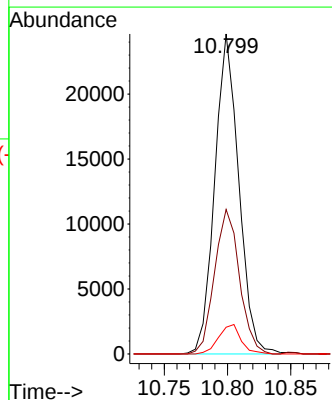
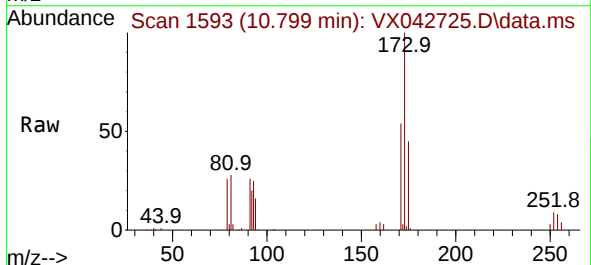
Instrument :
MSVOA_X
ClientSampleId :
E20S6MSD

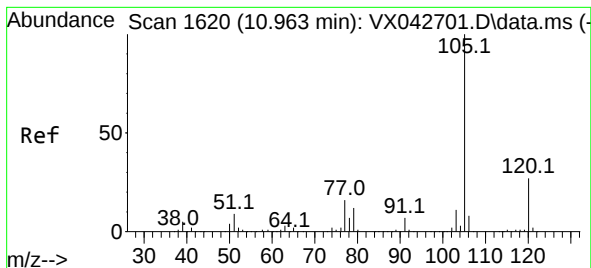
Tgt Ion: 83 Resp: 82381
Ion Ratio Lower Upper
83 100
85 67.4 46.1 85.5
131 9.6 8.6 13.0



#59
Bromoform
Concen: 50.691 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

Tgt Ion:173 Resp: 32423
Ion Ratio Lower Upper
173 100
175 46.9 37.4 56.2
254 8.6 6.8 10.2





#60

Isopropylbenzene

Concen: 44.904 ug/L

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042725.D

Acq: 30 Jul 2024 04:36

Instrument :

MSVOA_X

ClientSampleId :

E20S6MSD

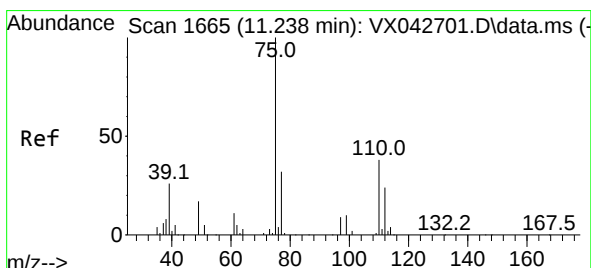
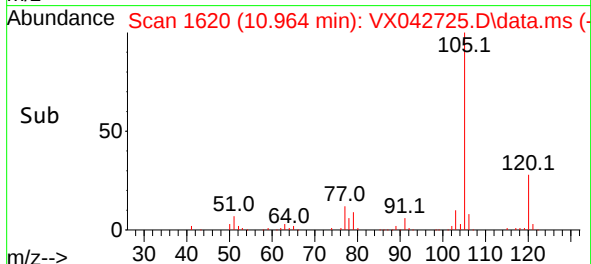
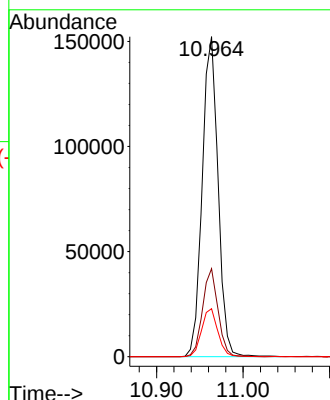
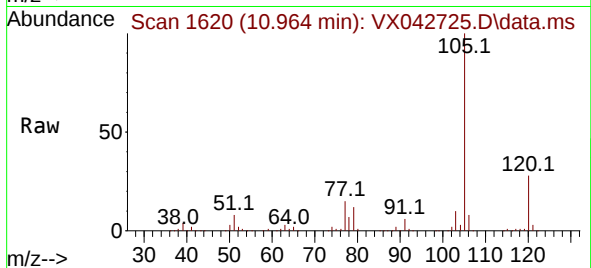
Tgt Ion:105 Resp: 193386

Ion Ratio Lower Upper

105 100

120 26.8 21.0 31.6

77 15.4 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 50.807 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX042725.D

Acq: 30 Jul 2024 04:36

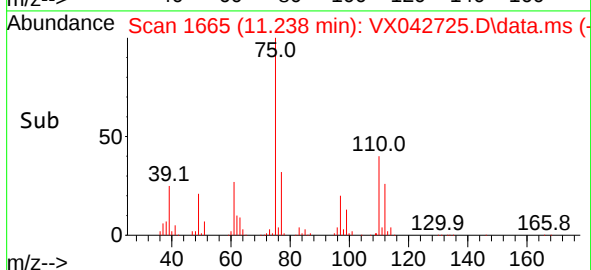
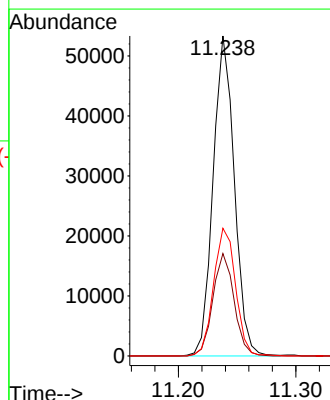
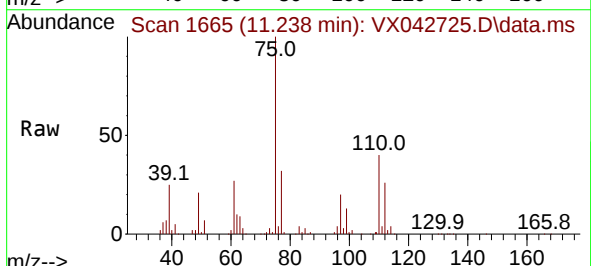
Tgt Ion: 75 Resp: 66994

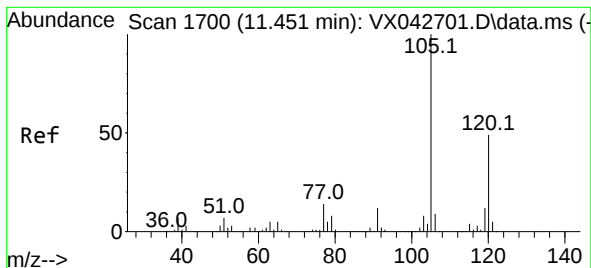
Ion Ratio Lower Upper

75 100

77 32.0 26.2 39.4

110 41.4 33.0 49.4





#62

1,3,5-Trimethylbenzene

Concen: 45.426 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX042725.D

Acq: 30 Jul 2024 04:36

Instrument :

MSVOA_X

ClientSampleId :

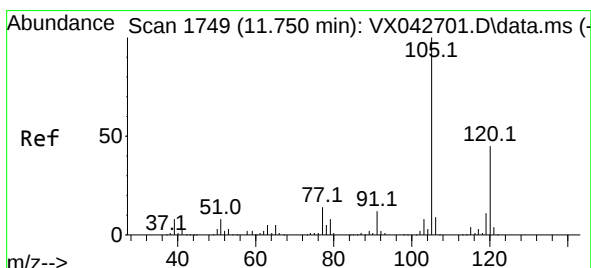
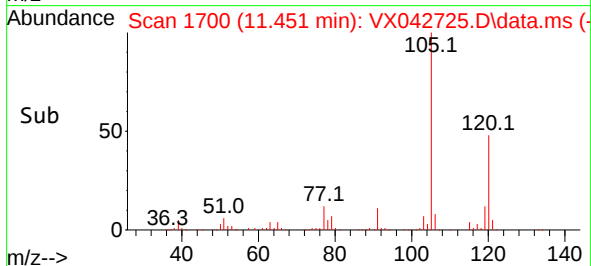
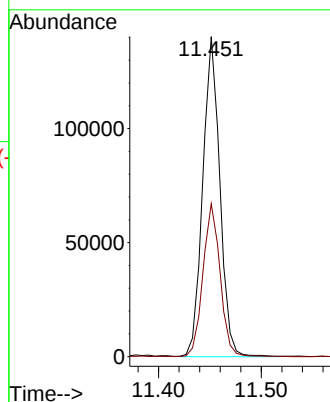
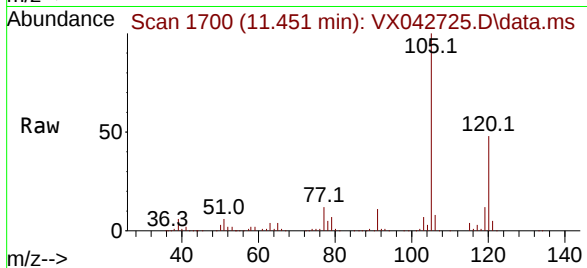
E20S6MSD

Tgt Ion:105 Resp: 162704

Ion Ratio Lower Upper

105 100

120 47.8 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 45.718 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX042725.D

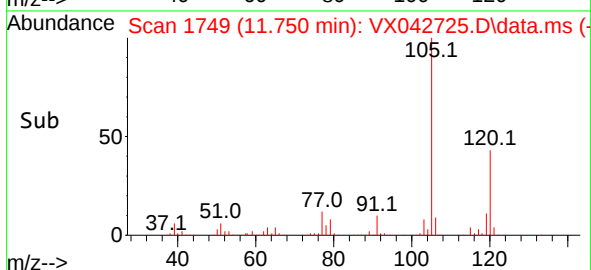
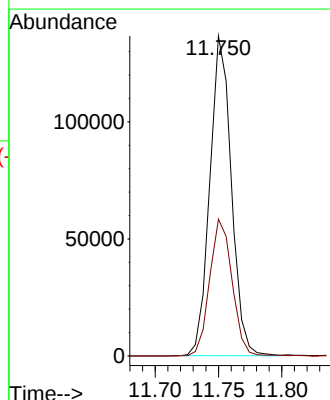
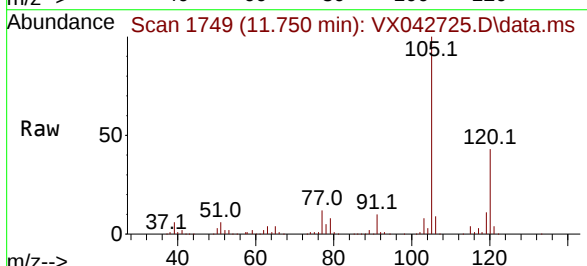
Acq: 30 Jul 2024 04:36

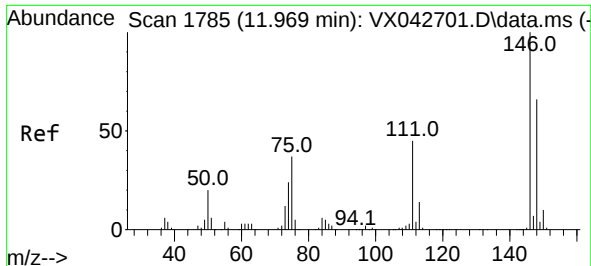
Tgt Ion:105 Resp: 161687

Ion Ratio Lower Upper

105 100

120 44.4 35.2 52.8

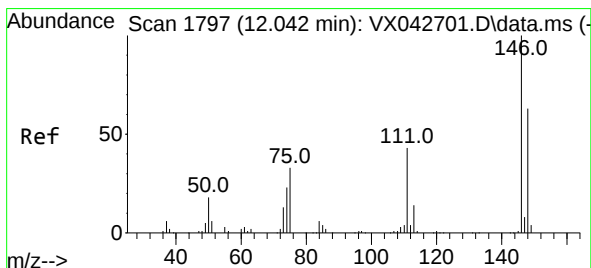
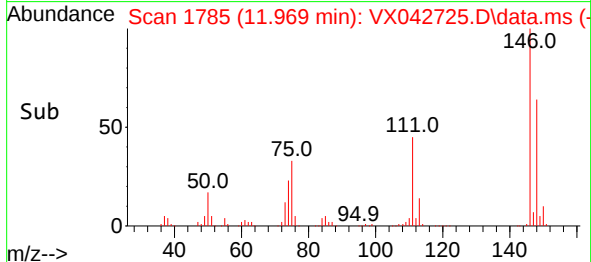
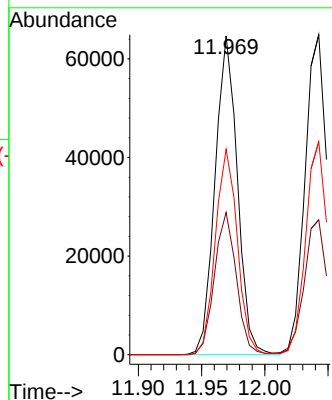
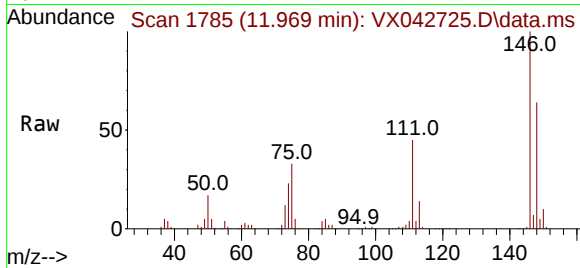




#64
1,3-Dichlorobenzene
Concen: 42.838 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

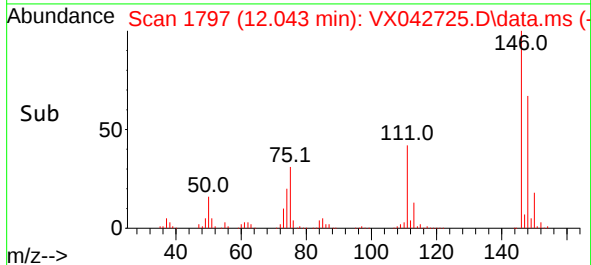
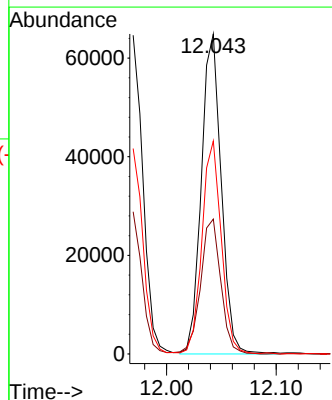
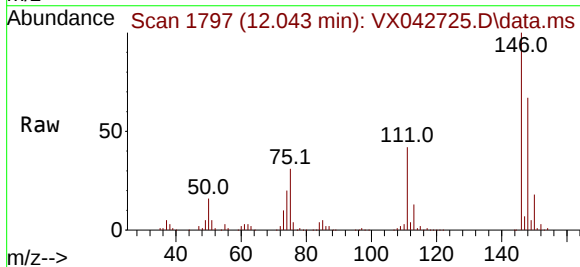
Instrument :
MSVOA_X
ClientSampleId :
E20S6MSD

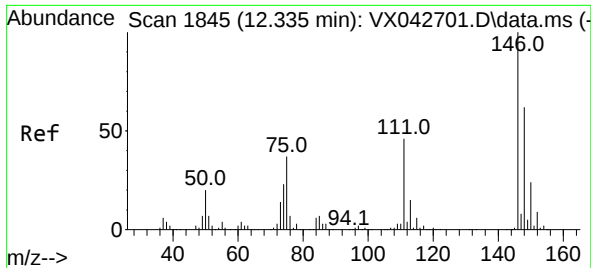
Tgt Ion:146 Resp: 79344
Ion Ratio Lower Upper
146 100
111 44.6 30.4 56.5
148 64.4 47.7 88.7



#65
1,4-Dichlorobenzene
Concen: 43.894 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

Tgt Ion:146 Resp: 81886
Ion Ratio Lower Upper
146 100
111 42.2 27.9 51.7
148 66.6 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 45.422 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX042725.D

Acq: 30 Jul 2024 04:36

Instrument :

MSVOA_X

ClientSampleId :

E20S6MSD

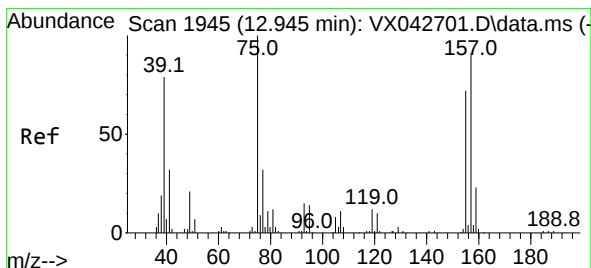
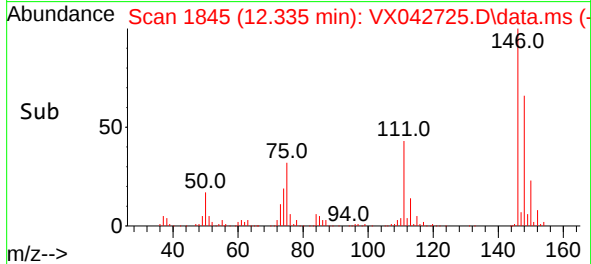
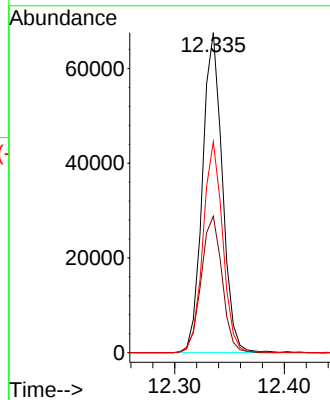
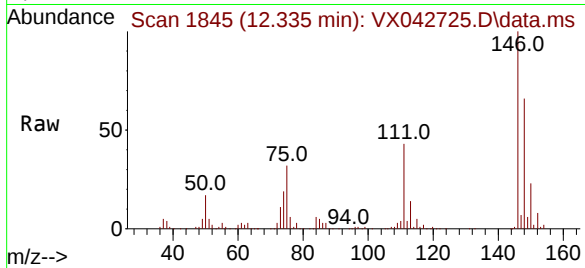
Tgt Ion:146 Resp: 84717

Ion Ratio Lower Upper

146 100

111 42.7 35.3 52.9

148 66.0 52.7 79.1



#68

1,2-Dibromo-3-chloropropane

Concen: 50.850 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX042725.D

Acq: 30 Jul 2024 04:36

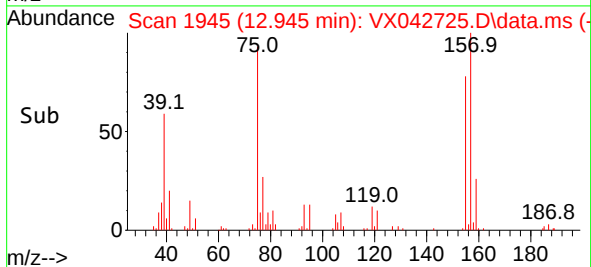
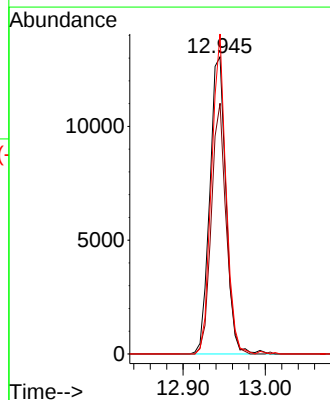
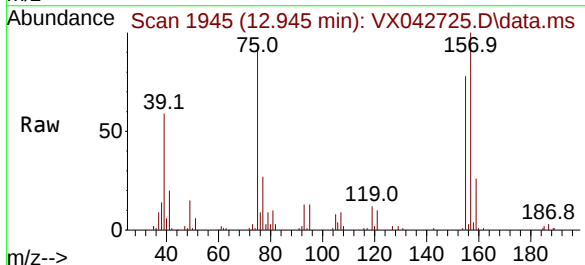
Tgt Ion: 75 Resp: 17863

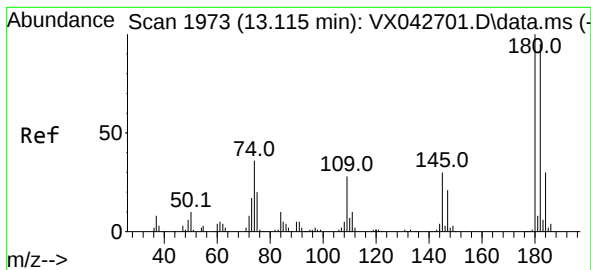
Ion Ratio Lower Upper

75 100

155 84.4 65.1 97.7

157 107.7 85.8 128.6





#69

1,3,5-Trichlorobenzene

Concen: 39.104 ug/L

RT: 13.116 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VX042725.D

Acq: 30 Jul 2024 04:36

Instrument :

MSVOA_X

ClientSampleId :

E20S6MSD

Tgt Ion:180 Resp: 44924

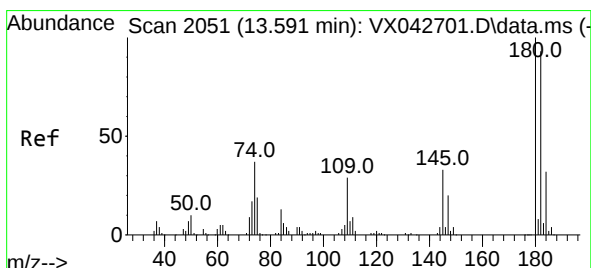
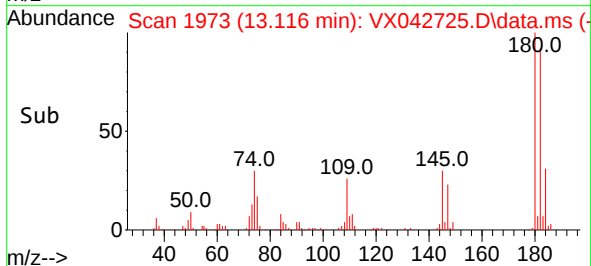
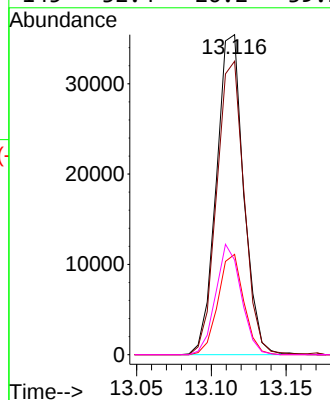
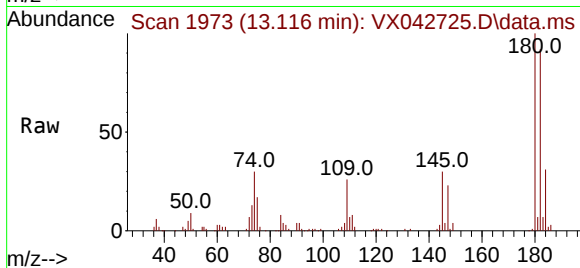
Ion Ratio Lower Upper

180 100

182 92.1 75.4 113.0

184 29.7 23.4 35.0

145 32.4 26.2 39.2



#70

1,2,4-trichlorobenzene

Concen: 38.297 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX042725.D

Acq: 30 Jul 2024 04:36

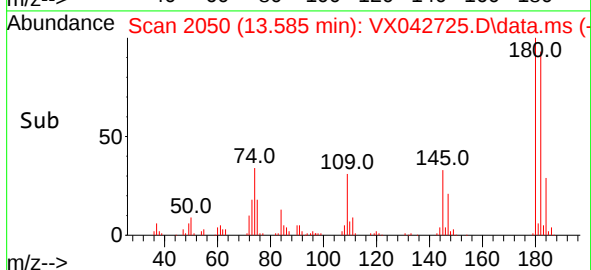
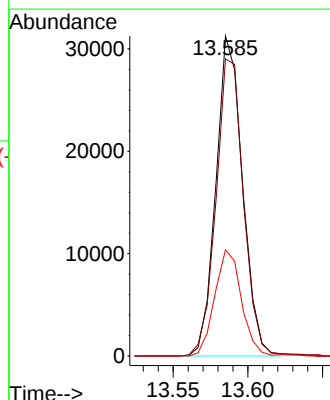
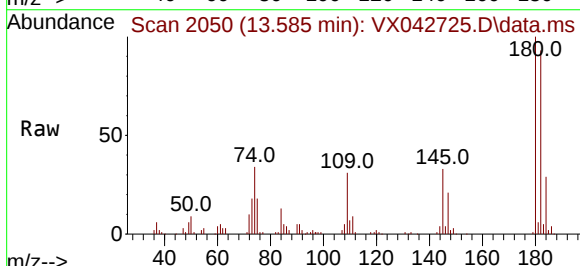
Tgt Ion:180 Resp: 38582

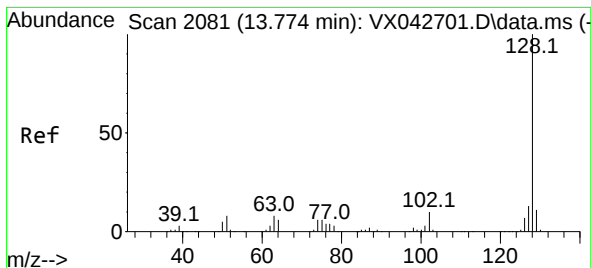
Ion Ratio Lower Upper

180 100

182 96.4 77.0 115.4

145 33.2 27.0 40.6

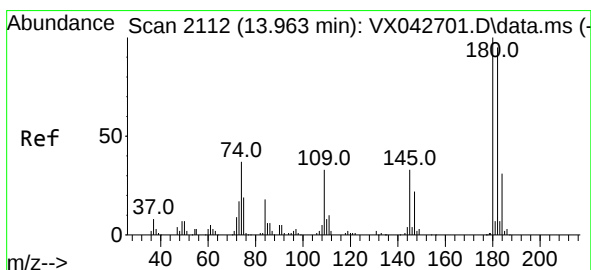
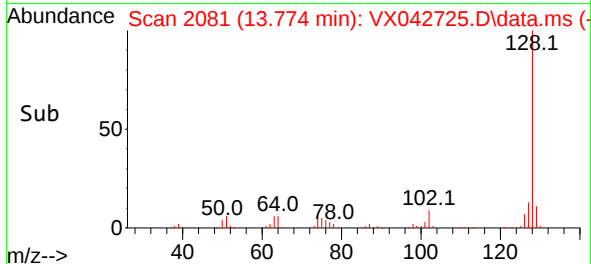
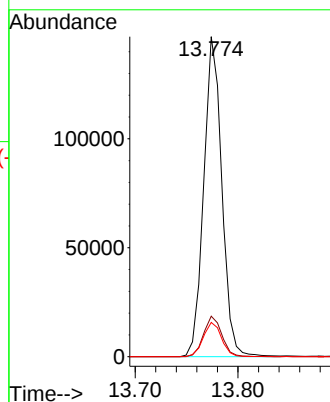
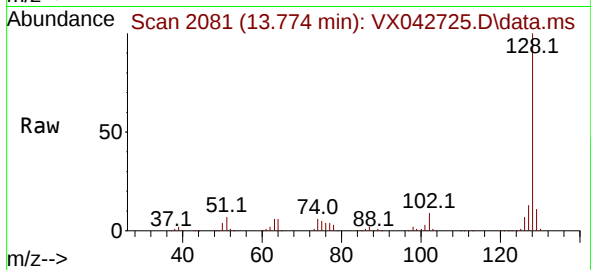




#71
Naphthalene
Concen: 46.345 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

Instrument :
MSVOA_X
ClientSampleId :
E20S6MSD

Tgt Ion:128 Resp: 180109
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 41.431 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX042725.D
Acq: 30 Jul 2024 04:36

Tgt Ion:180 Resp: 43237
Ion Ratio Lower Upper
180 100
182 94.3 76.2 114.2
145 34.5 27.6 41.4

