

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
 Data File : VX042627.D
 Acq On : 27 Jul 2024 02:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 27 03:01:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 01:23:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	172886	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	157000	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	71468	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	44133	42.018	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.040%
7) Chloroethane-d5	1.648	69	21383	49.404	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.294	65	24057	46.486	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.980%
21) 2-Butanone-d5	4.464	46	74003	95.062	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.060%
24) Chloroform-d	5.056	84	115718	50.334	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.660%
26) 1,2-Dichloroethane-d4	5.952	65	72443	48.842	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.680%
32) Benzene-d6	5.970	84	223611	51.319	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.640%
36) 1,2-Dichloropropane-d6	7.305	67	64125	49.726	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.460%
41) Toluene-d8	8.646	98	202667	51.876	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.760%
43) trans-1,3-Dichloroprop...	8.951	79	28476	47.186	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.380%
47) 2-Hexanone-d5	9.384	63	55882	96.921	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.920%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	92737	49.946	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.900%
66) 1,2-Dichlorobenzene-d4	12.317	152	69674	51.585	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	73315	47.999	ug/L	99
3) Chloromethane	1.294	50	53378	42.260	ug/L	98
5) Vinyl chloride	1.373	62	50077	41.707	ug/L	98
6) Bromomethane	1.599	94	17155	45.665	ug/L	94
8) Chloroethane	1.660	64	19518	44.399	ug/L	99
9) Trichlorofluoromethane	1.873	101	73089	43.006	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	57693	47.241	ug/L	98
12) 1,1-Dichloroethene	2.312	96	53796	48.132	ug/L	94
13) Acetone	2.391	43	49136	80.747	ug/L	96
14) Carbon disulfide	2.501	76	121964	44.693	ug/L	98
15) Methyl Acetate	2.708	43	58495	43.366	ug/L	97
16) Methylene chloride	2.788	84	60979	47.243	ug/L	94
17) trans-1,2-Dichloroethene	3.086	96	54894	47.859	ug/L	89
18) Methyl tert-butyl Ether	3.117	73	189149	47.577	ug/L	99
19) 1,1-Dichloroethane	3.605	63	102997	47.032	ug/L	95
20) cis-1,2-Dichloroethene	4.489	96	64580	49.294	ug/L	92
22) 2-Butanone	4.568	43	79355	85.625	ug/L	91
23) Bromochloromethane	4.897	128	28570	46.053	ug/L	90
25) Chloroform	5.086	83	112211	48.055	ug/L	98

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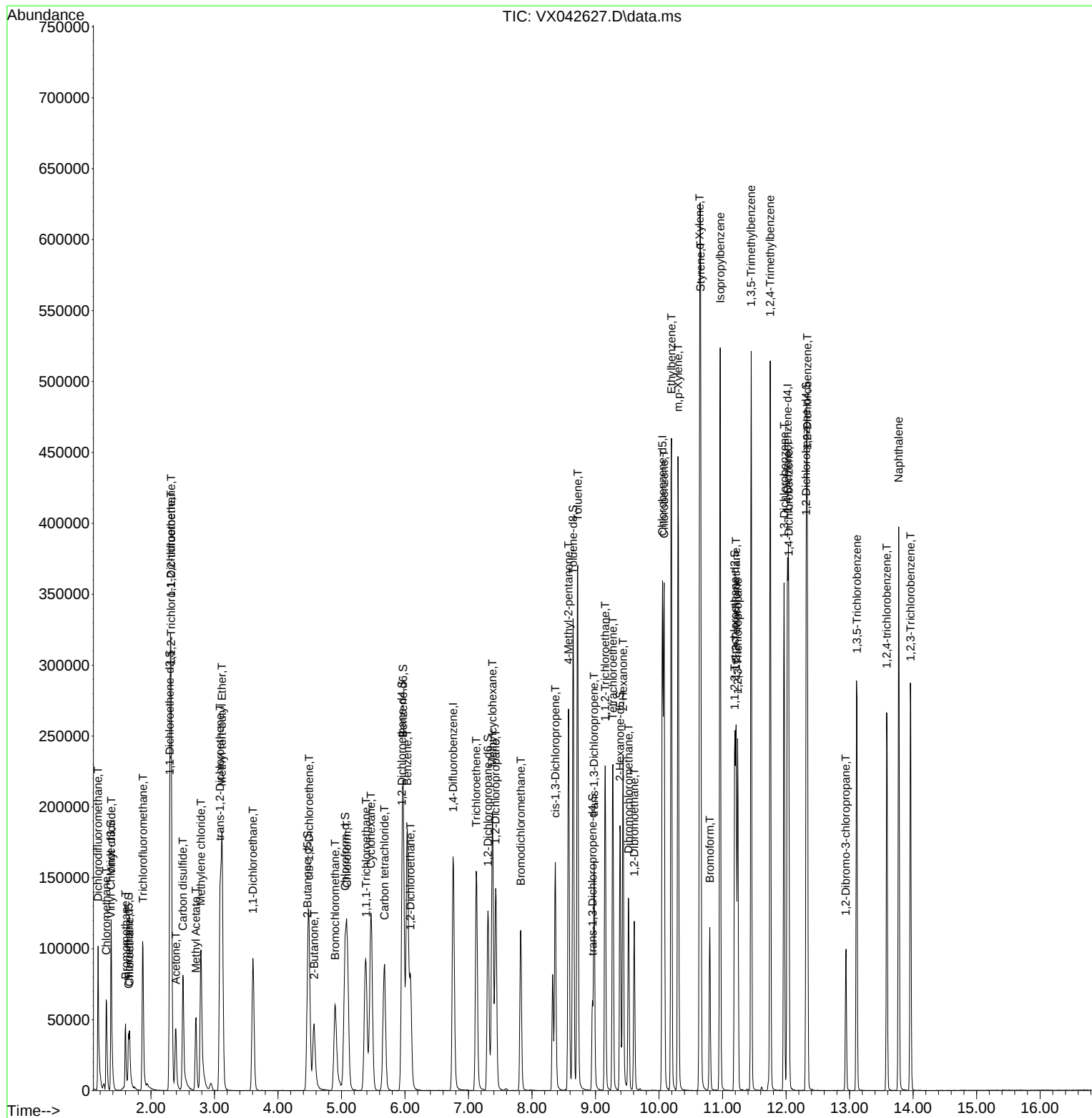
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	87503	47.183	ug/L	96
29) Cyclohexane	5.464	56	84985	45.789	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	94379	47.062	ug/L	99
31) Carbon tetrachloride	5.677	117	79919	47.181	ug/L	98
33) Benzene	6.037	78	230483	47.970	ug/L	100
34) Trichloroethene	7.122	95	61626	48.008	ug/L	95
35) Methylcyclohexane	7.378	83	90989	46.833	ug/L	97
37) 1,2-Dichloropropane	7.427	63	58997	47.247	ug/L	98
38) Bromodichloromethane	7.823	83	77387	47.950	ug/L #	99
39) cis-1,3-Dichloropropene	8.366	75	85483	44.599	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	150946	87.861	ug/L	94
42) Toluene	8.720	91	249321	50.382	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	78325	45.080	ug/L	98
45) 1,1,2-Trichloroethane	9.152	97	62873	49.852	ug/L	96
46) Tetrachloroethene	9.274	164	44738	51.104	ug/L	94
48) 2-Hexanone	9.433	43	117846	88.199	ug/L	96
49) Dibromochloromethane	9.518	129	58230	49.444	ug/L	98
50) 1,2-Dibromoethane	9.610	107	66042	50.348	ug/L #	100
51) Chlorobenzene	10.079	112	158589	49.557	ug/L	97
52) Ethylbenzene	10.195	91	271374	49.997	ug/L	98
53) m,p-Xylene	10.299	106	105275	51.486	ug/L	96
54) o-Xylene	10.640	106	101489	49.895	ug/L	100
55) Styrene	10.652	104	173523	51.176	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	95742	47.471	ug/L	99
59) Bromoform	10.798	173	38778	48.350	ug/L	98
60) Isopropylbenzene	10.963	105	266553	49.361	ug/L	98
61) 1,2,3-Trichloropropane	11.237	75	75165	45.461	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	219968	48.978	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	219079	49.402	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	112184	48.303	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	110048	47.044	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	114185	48.825	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.938	75	19718	44.765	ug/L	90
69) 1,3,5-Trichlorobenzene	13.115	180	69493	48.242	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	61637	48.792	ug/L	98
71) Naphthalene	13.774	128	237957	48.832	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	63588	48.594	ug/L	97

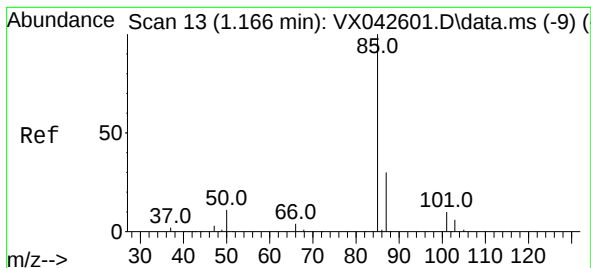
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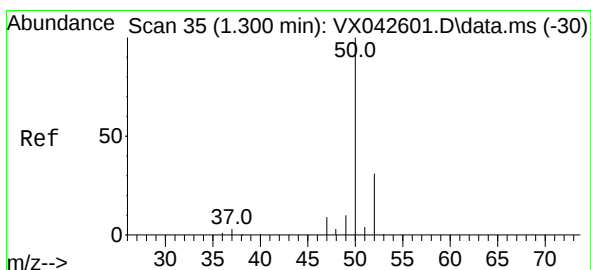
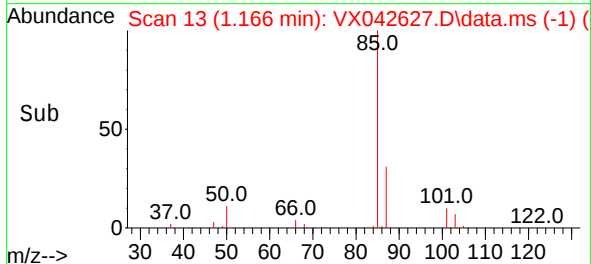
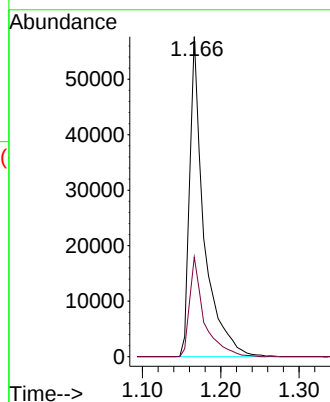
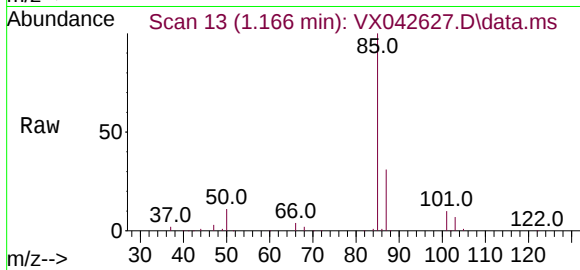




#2
Dichlorodifluoromethane
Concen: 47.999 ug/L
RT: 1.166 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX042627.D
Acq: 27 Jul 2024 02:35

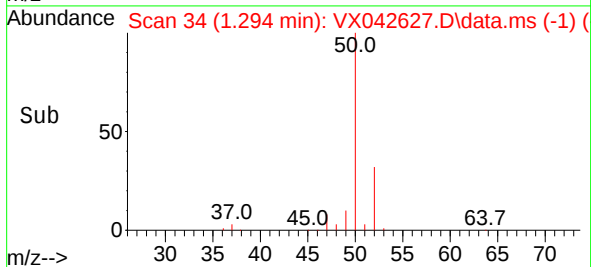
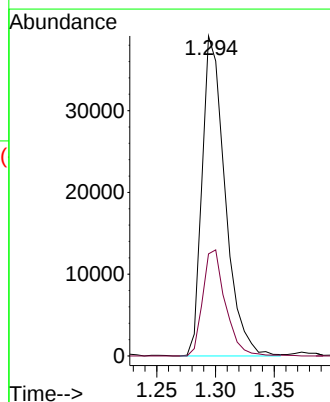
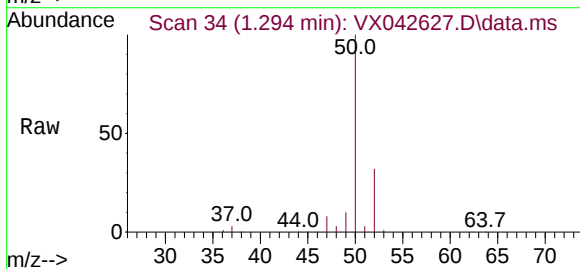
Instrument :
MSVOA_X
ClientSampleId :

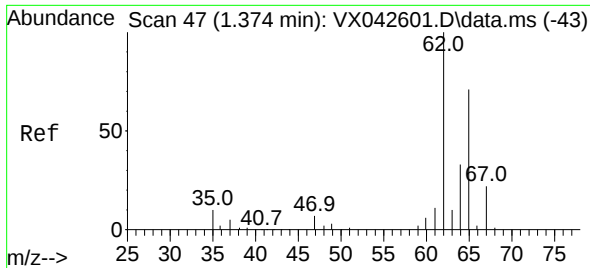
Tgt Ion: 85 Resp: 73315
Ion Ratio Lower Upper
85 100
87 31.7 25.8 38.8



#3
Chloromethane
Concen: 42.260 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX042627.D
Acq: 27 Jul 2024 02:35

Tgt Ion: 50 Resp: 53378
Ion Ratio Lower Upper
50 100
52 31.9 23.0 42.6

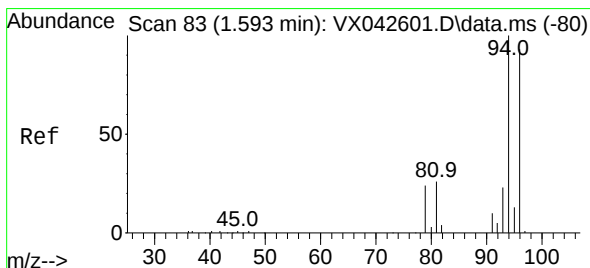
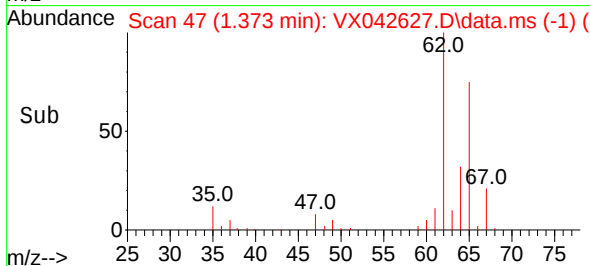
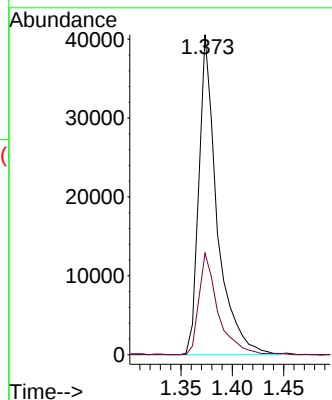
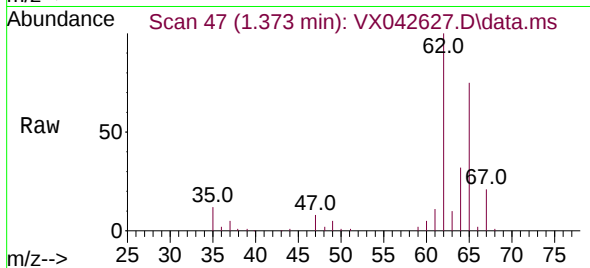




#5
 Vinyl chloride
 Concen: 41.707 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX042627.D
 Acq: 27 Jul 2024 02:35

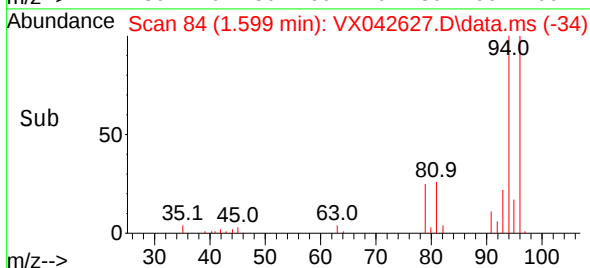
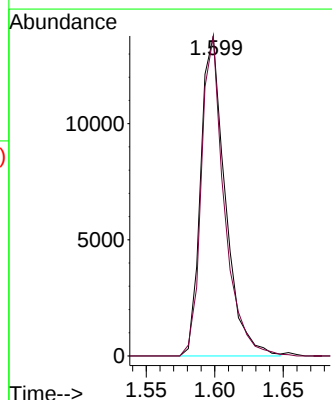
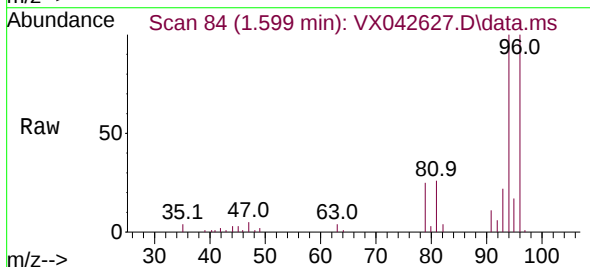
Instrument :
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 ClientSampleId :

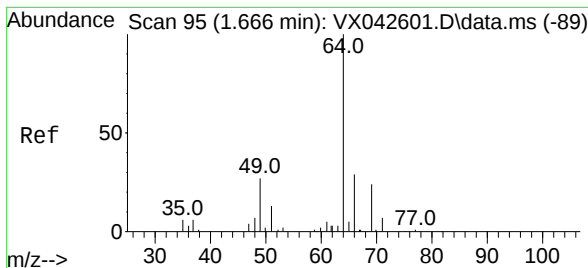
Tgt Ion: 62 Resp: 50077
 Ion Ratio Lower Upper
 62 100
 64 31.7 21.6 40.0



#6
 Bromomethane
 Concen: 45.665 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VX042627.D
 Acq: 27 Jul 2024 02:35

Tgt Ion: 94 Resp: 17155
 Ion Ratio Lower Upper
 94 100
 96 100.1 66.1 122.7





#8

Chloroethane

Concen: 44.399 ug/L

RT: 1.660 min Scan# 94

Delta R.T. -0.006 min

Lab File: VX042627.D

Acq: 27 Jul 2024 02:35

Instrument :

MSVOA_X

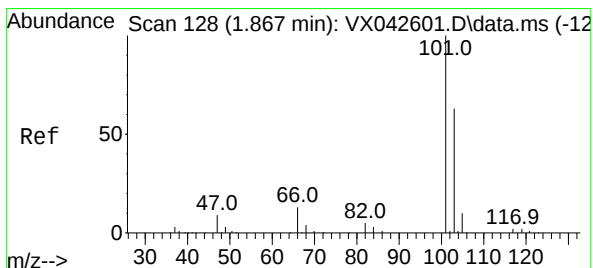
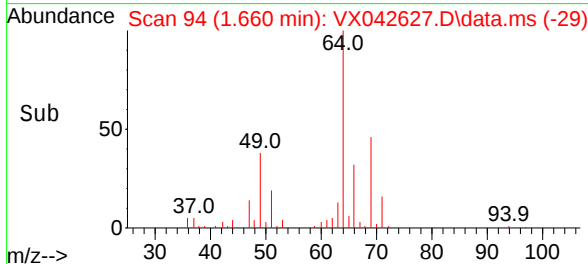
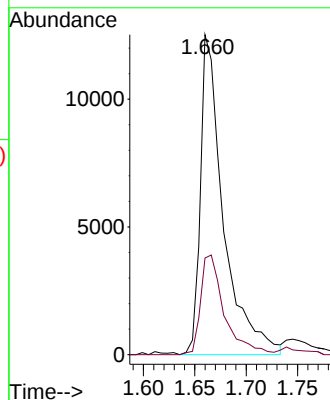
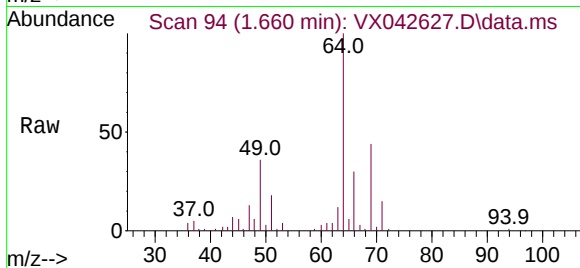
ClientSampleId :

Tgt Ion: 64 Resp: 19518

Ion Ratio Lower Upper

64 100

66 30.2 21.4 39.8



#9

Trichlorofluoromethane

Concen: 43.006 ug/L

RT: 1.873 min Scan# 129

Delta R.T. 0.006 min

Lab File: VX042627.D

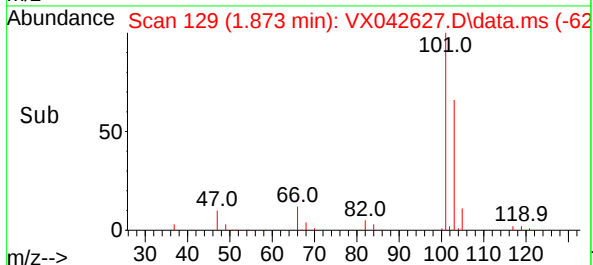
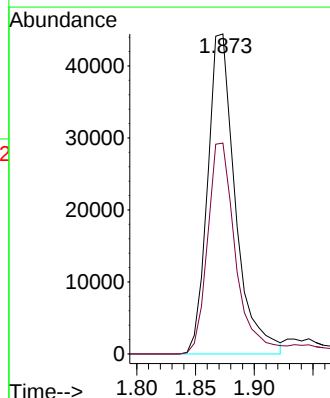
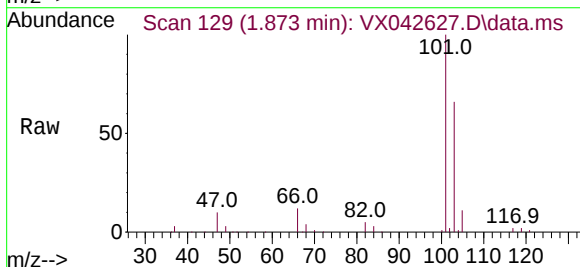
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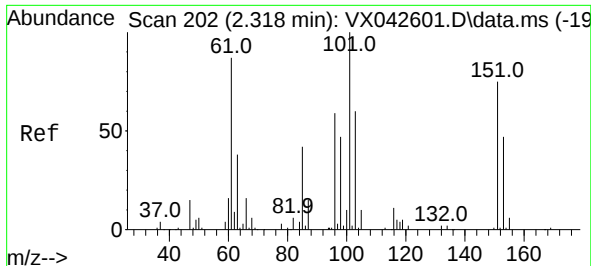
Tgt Ion:101 Resp: 73089

Ion Ratio Lower Upper

101 100

103 66.9 45.2 67.8

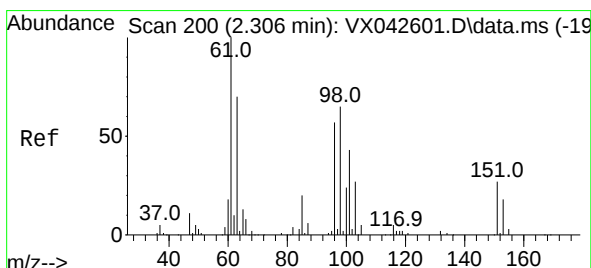
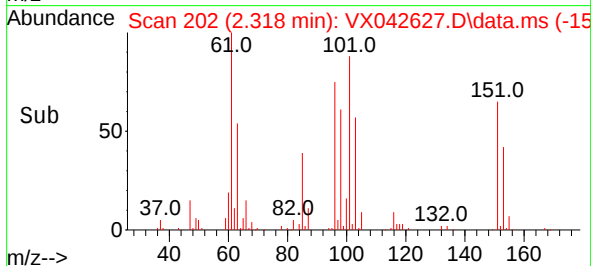
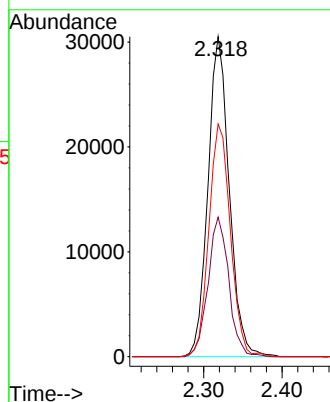
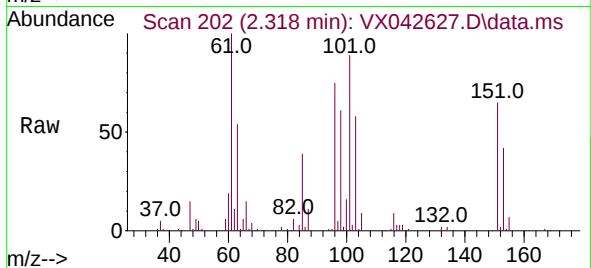




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.241 ug/L
 RT: 2.318 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VX042627.D
 Acq: 27 Jul 2024 02:35

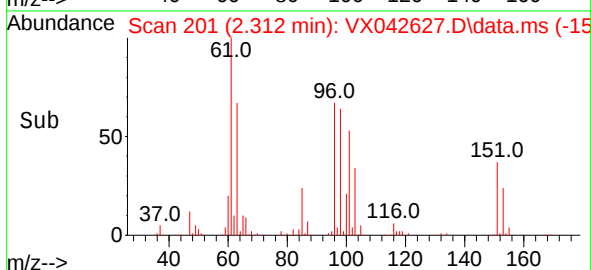
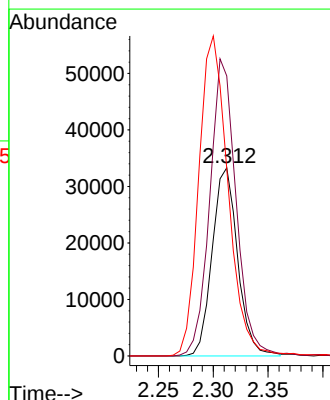
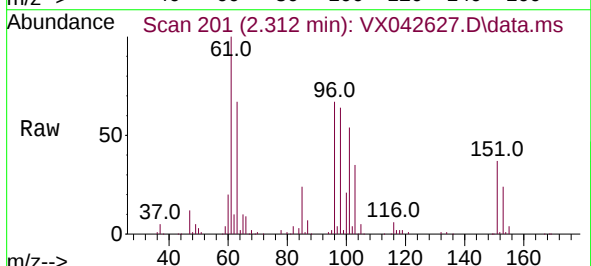
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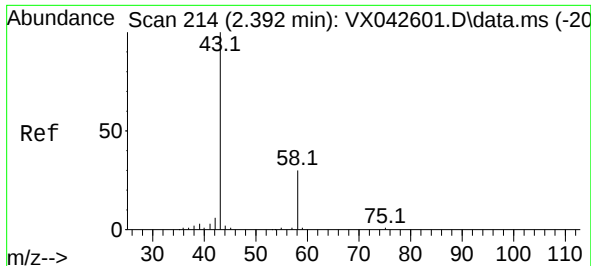
Tgt Ion:101 Resp: 57693
 Ion Ratio Lower Upper
 101 100
 85 42.3 34.4 51.6
 151 72.9 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 48.132 ug/L
 RT: 2.312 min Scan# 201
 Delta R.T. 0.006 min
 Lab File: VX042627.D
 Acq: 27 Jul 2024 02:35

Tgt Ion: 96 Resp: 53796
 Ion Ratio Lower Upper
 96 100
 61 148.8 113.0 209.9
 63 99.4 70.5 130.9





#13

Acetone

Concen: 80.747 ug/L

RT: 2.391 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX042627.D

Acq: 27 Jul 2024 02:35

Instrument :

MSVOA_X

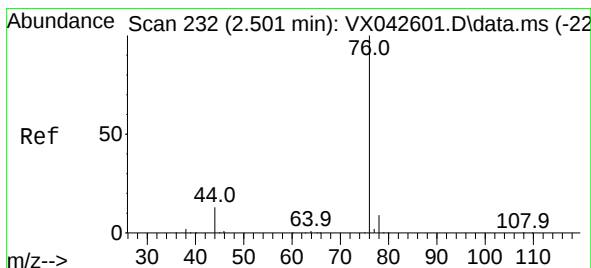
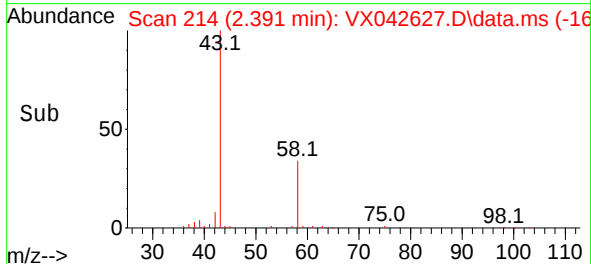
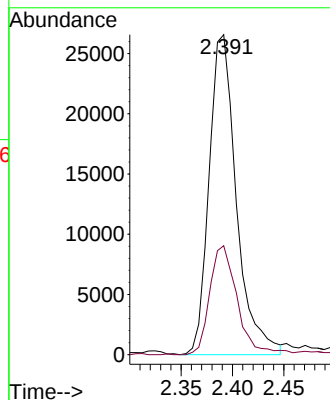
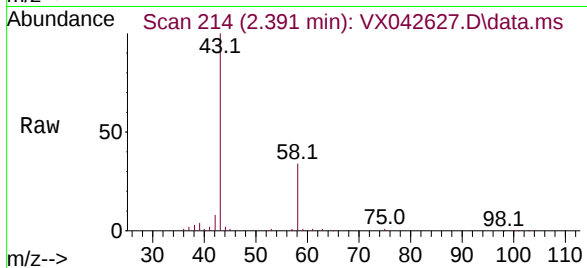
ClientSampleId :

Tgt Ion: 43 Resp: 49136

Ion Ratio Lower Upper

43 100

58 33.7 0.0 62.4



#14

Carbon disulfide

Concen: 44.693 ug/L

RT: 2.501 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX042627.D

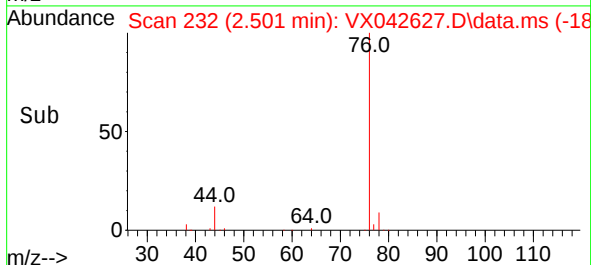
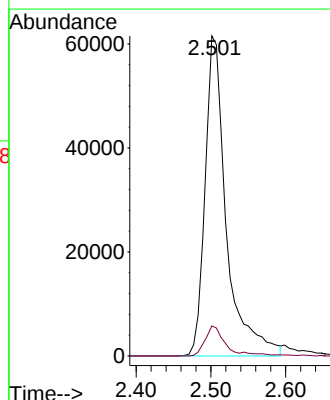
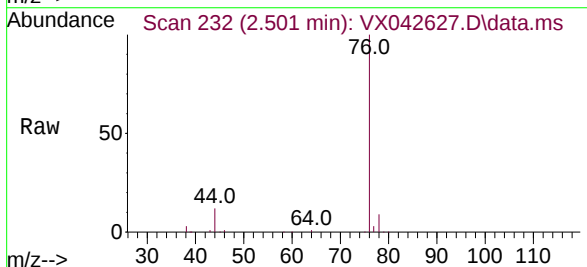
Acq: 27 Jul 2024 02:35

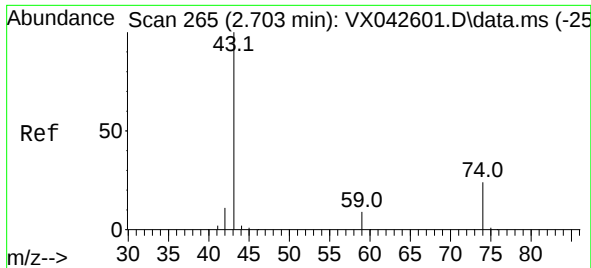
Tgt Ion: 76 Resp: 121964

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6





#15

Methyl Acetate

Concen: 43.366 ug/L

RT: 2.708 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX042627.D

Acq: 27 Jul 2024 02:35

Instrument :

MSVOA_X

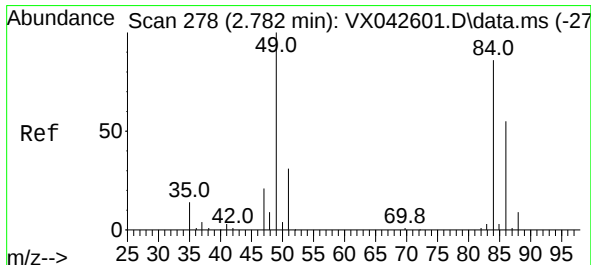
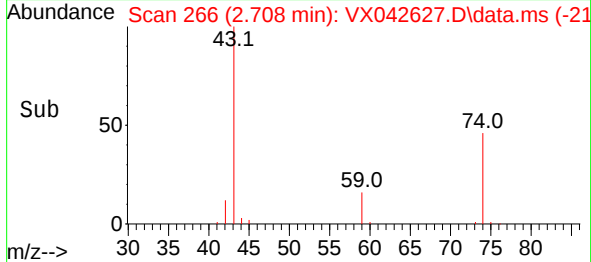
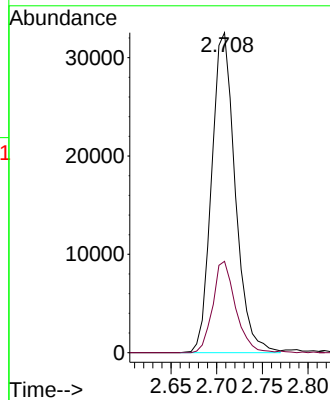
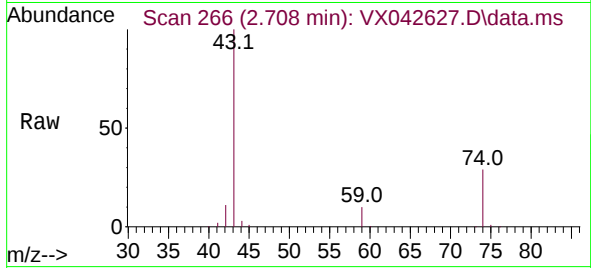
ClientSampleId :

Tgt Ion: 43 Resp: 58495

Ion Ratio Lower Upper

43 100

74 27.5 21.0 31.4



#16

Methylene chloride

Concen: 47.243 ug/L

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX042627.D

Acq: 27 Jul 2024 02:35

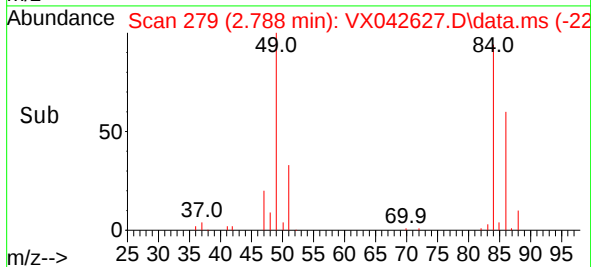
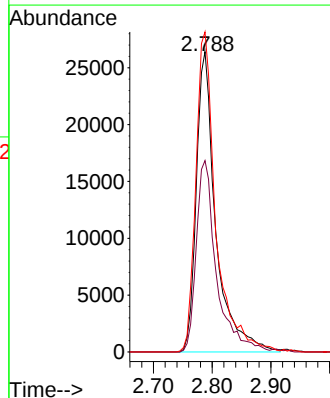
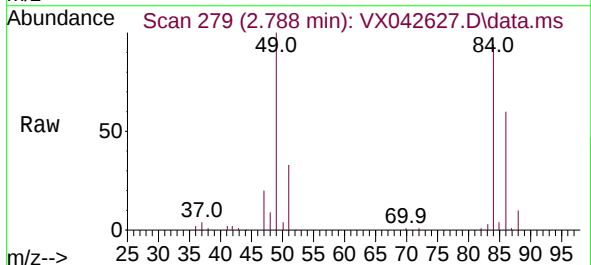
Tgt Ion: 84 Resp: 60979

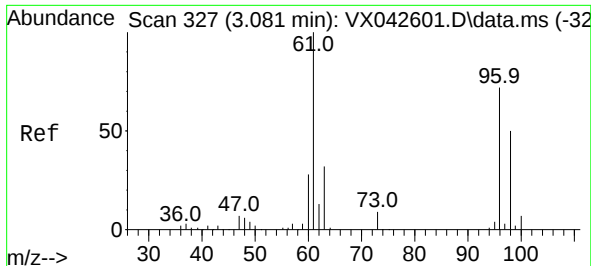
Ion Ratio Lower Upper

84 100

86 63.7 43.5 80.7

49 106.5 81.1 150.7

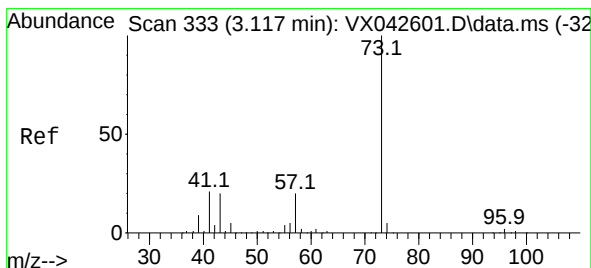
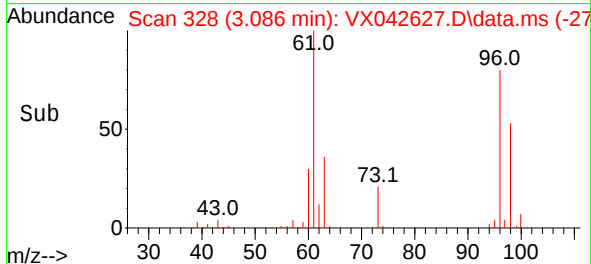
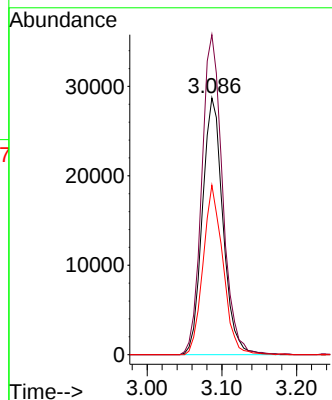
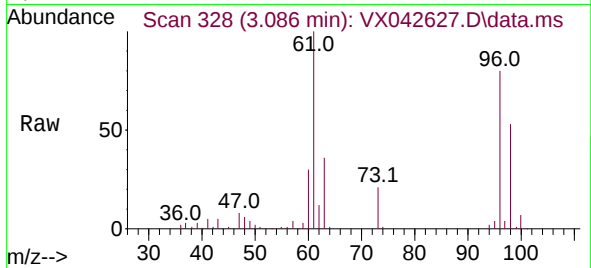




#17
trans-1,2-Dichloroethene
Concen: 47.859 ug/L
RT: 3.086 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX042627.D
Acq: 27 Jul 2024 02:35

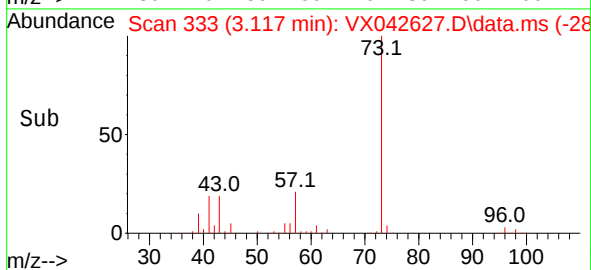
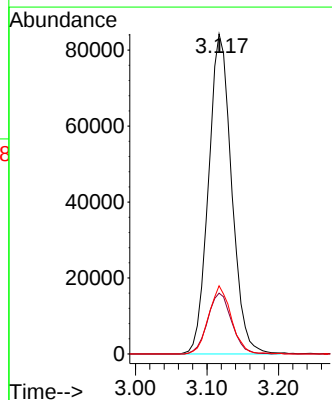
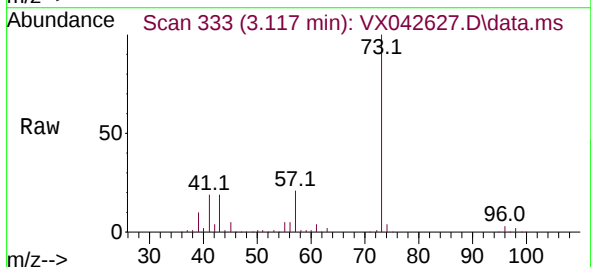
Instrument :
MSVOA_X
ClientSampleId :

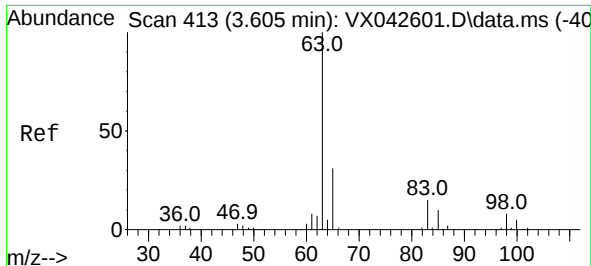
Tgt Ion: 96 Resp: 54894
Ion Ratio Lower Upper
96 100
61 124.6 99.3 184.3
98 66.0 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 47.577 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX042627.D
Acq: 27 Jul 2024 02:35

Tgt Ion: 73 Resp: 189149
Ion Ratio Lower Upper
73 100
43 19.7 15.4 23.2
57 20.7 16.9 25.3





#19

1,1-Dichloroethane

Concen: 47.032 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX042627.D

Acq: 27 Jul 2024 02:35

Instrument :

MSVOA_X

ClientSampleId :

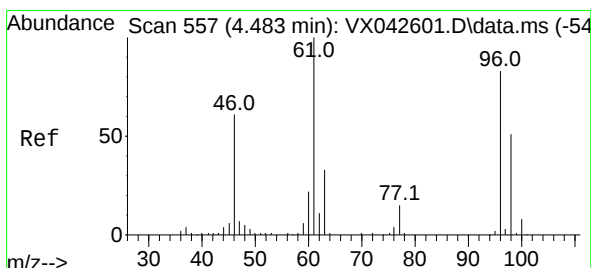
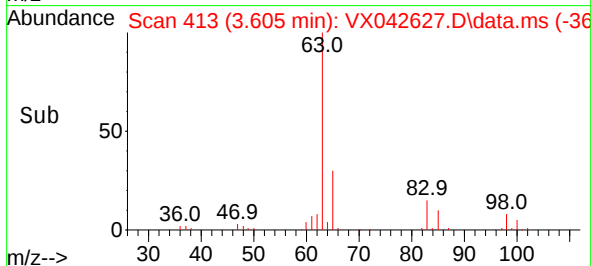
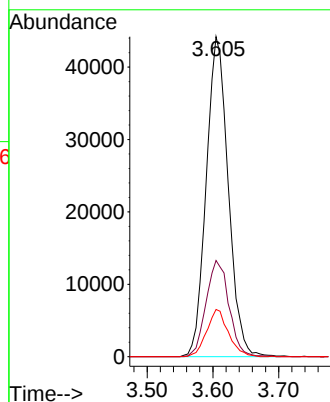
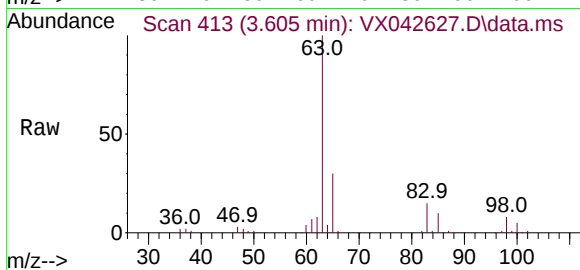
Tgt Ion: 63 Resp: 102997

Ion Ratio Lower Upper

63 100

65 30.1 23.6 43.8

83 14.7 10.9 20.3



#20

cis-1,2-Dichloroethene

Concen: 49.294 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX042627.D

Acq: 27 Jul 2024 02:35

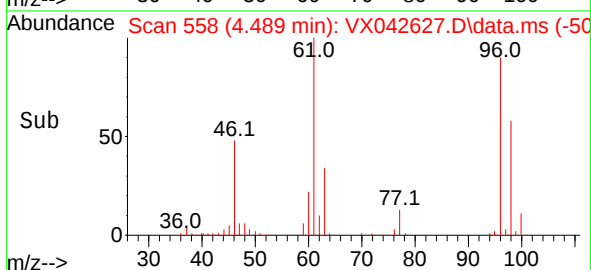
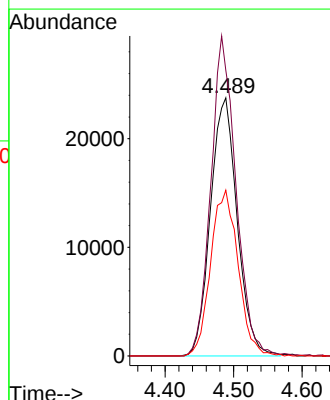
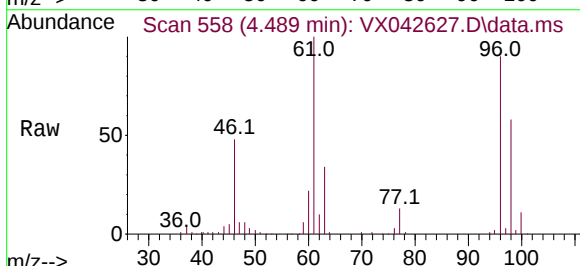
Tgt Ion: 96 Resp: 64580

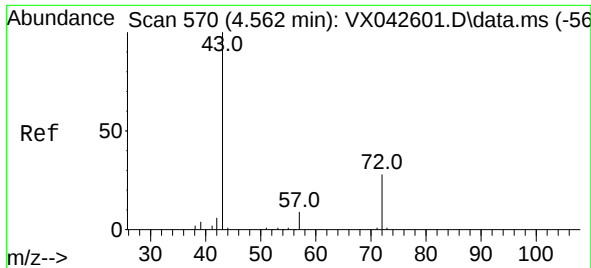
Ion Ratio Lower Upper

96 100

61 110.7 85.3 158.3

98 64.2 42.7 79.3

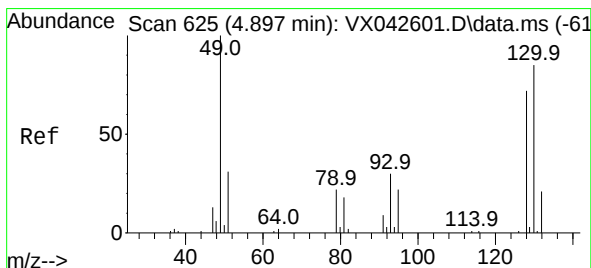
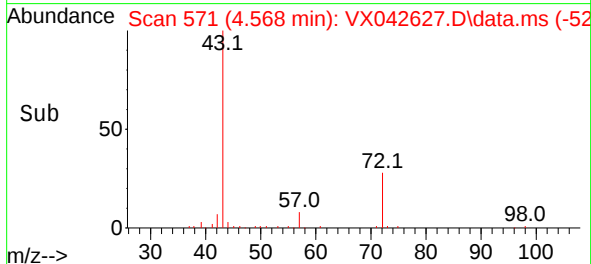
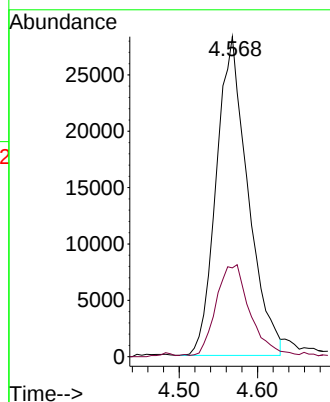
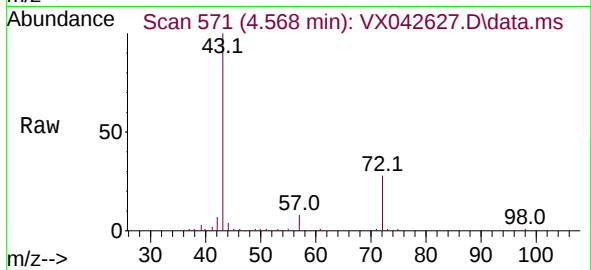




#22
2-Butanone
Concen: 85.625 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX042627.D
Acq: 27 Jul 2024 02:35

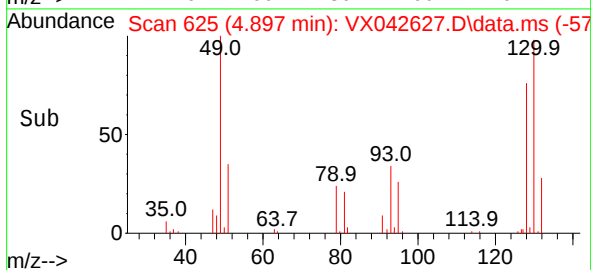
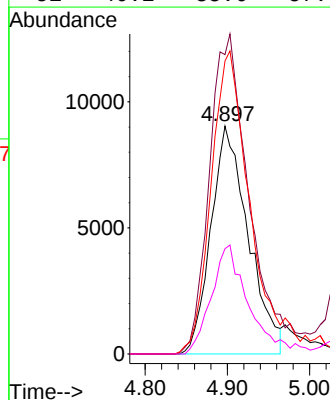
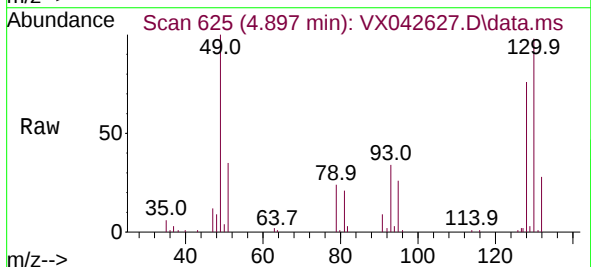
Instrument :
MSVOA_X
ClientSampleId :

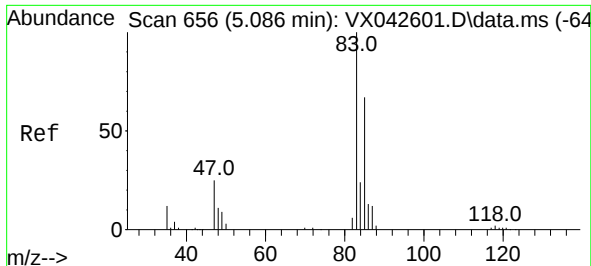
Tgt Ion: 43 Resp: 79355
Ion Ratio Lower Upper
43 100
72 31.3 13.4 40.2



#23
Bromochloromethane
Concen: 46.053 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX042627.D
Acq: 27 Jul 2024 02:35

Tgt Ion:128 Resp: 28570
Ion Ratio Lower Upper
128 100
49 131.4 107.0 198.6
130 128.6 85.5 158.9
51 46.2 38.6 57.8





#25

Chloroform

Concen: 48.055 ug/L

RT: 5.086 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX042627.D

Acq: 27 Jul 2024 02:35

Instrument :

MSVOA_X

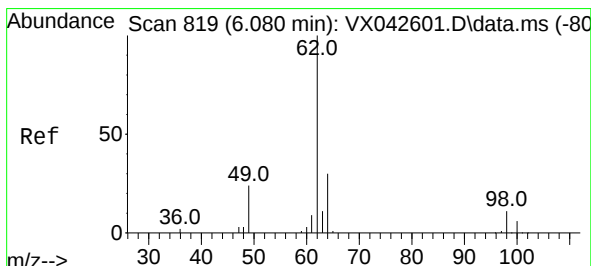
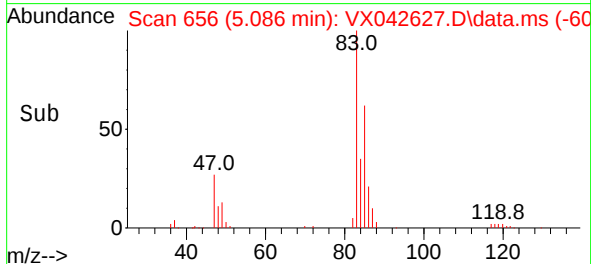
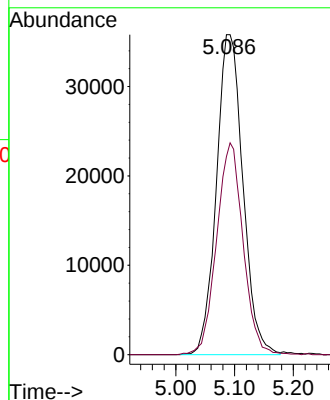
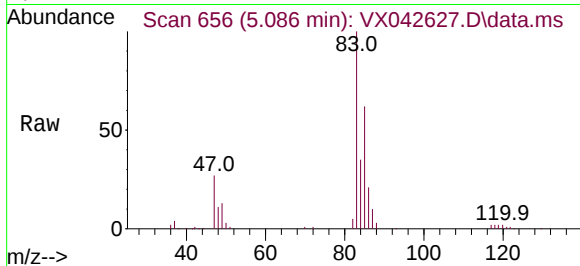
ClientSampleId :

Tgt Ion: 83 Resp: 112211

Ion Ratio Lower Upper

83 100

85 61.9 44.3 82.3



#27

1,2-Dichloroethane

Concen: 47.183 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.006 min

Lab File: VX042627.D

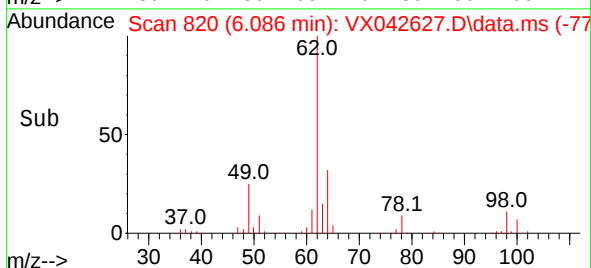
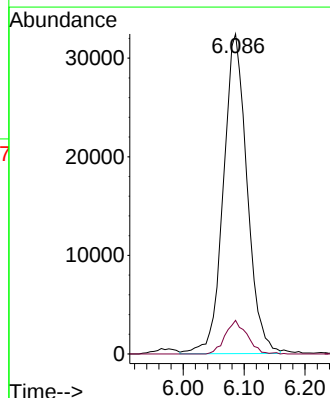
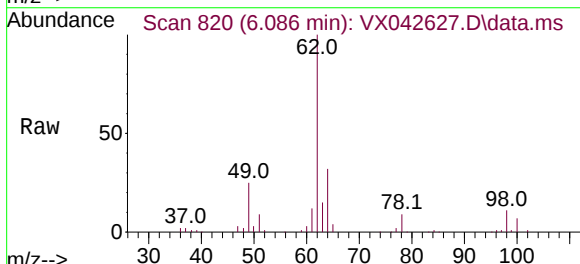
Acq: 27 Jul 2024 02:35

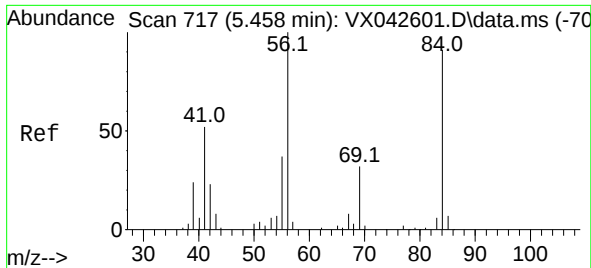
Tgt Ion: 62 Resp: 87503

Ion Ratio Lower Upper

62 100

98 10.5 7.1 10.7





#29

Cyclohexane

Concen: 45.789 ug/L

RT: 5.464 min Scan# 718

Delta R.T. 0.006 min

Lab File: VX042627.D

Acq: 27 Jul 2024 02:35

Instrument :

MSVOA_X

ClientSampleId :

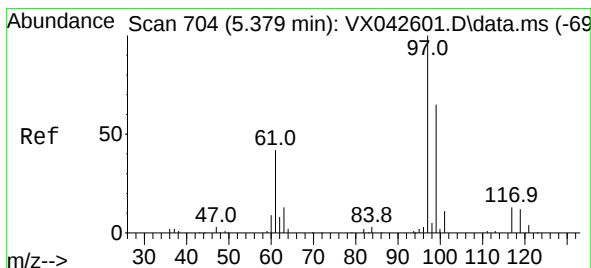
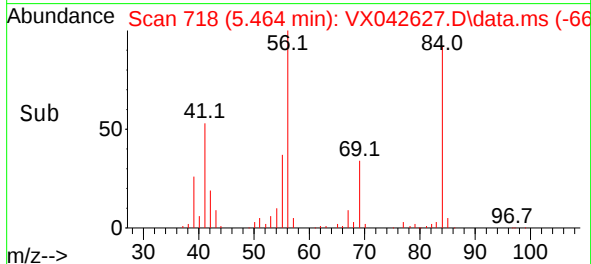
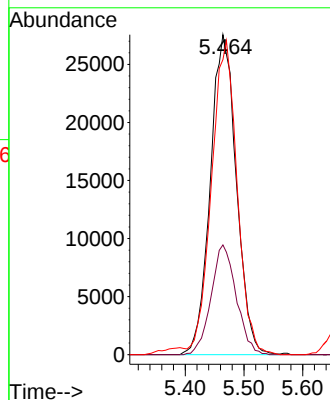
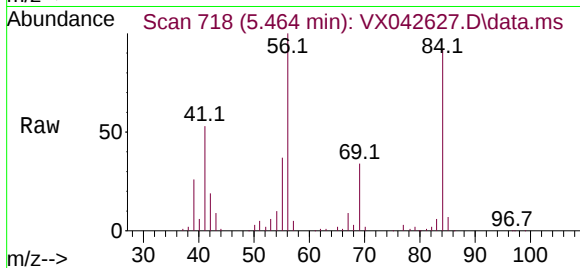
Tgt Ion: 56 Resp: 84985

Ion Ratio Lower Upper

56 100

69 33.1 26.1 39.1

84 96.4 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 47.062 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX042627.D

Acq: 27 Jul 2024 02:35

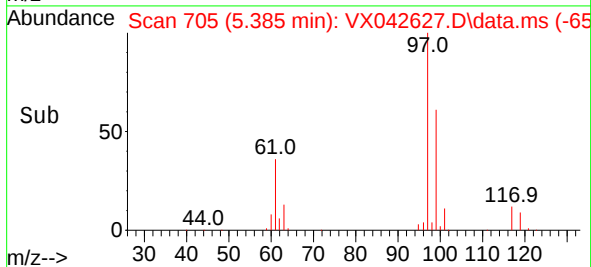
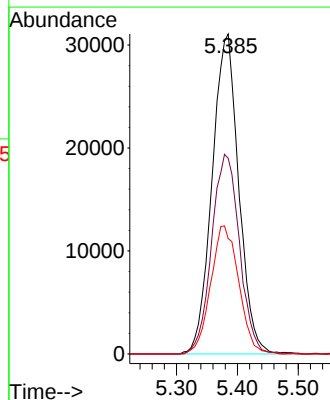
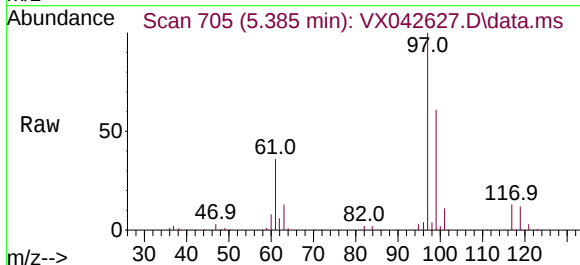
Tgt Ion: 97 Resp: 94379

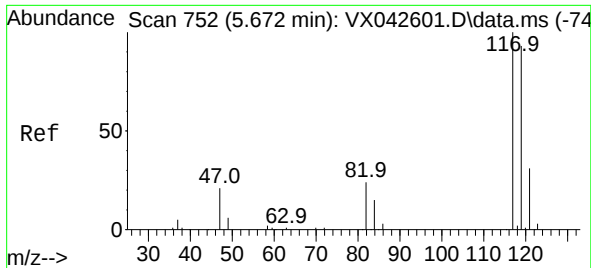
Ion Ratio Lower Upper

97 100

99 65.2 51.4 77.0

61 42.1 34.4 51.6

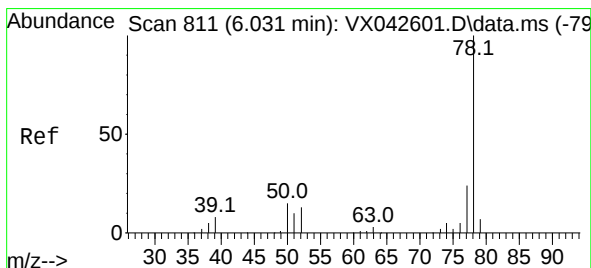
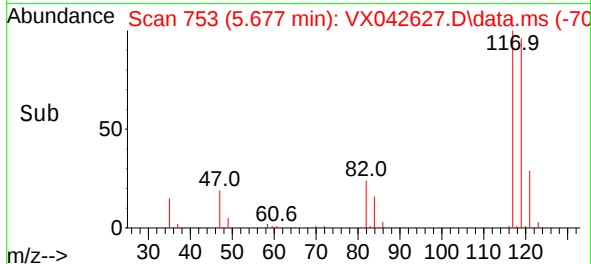
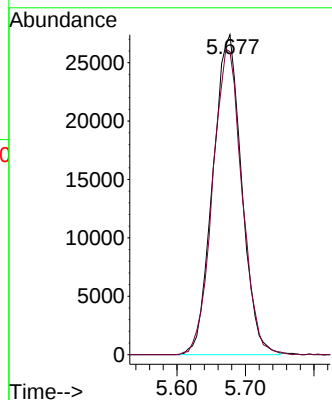
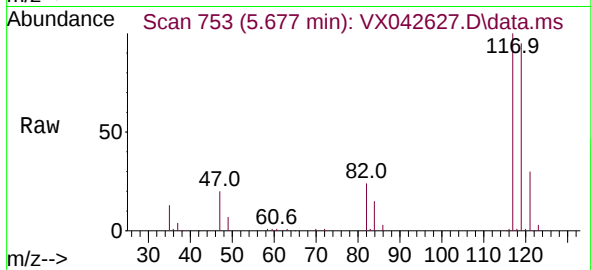




#31
Carbon tetrachloride
Concen: 47.181 ug/L
RT: 5.677 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX042627.D
Acq: 27 Jul 2024 02:35

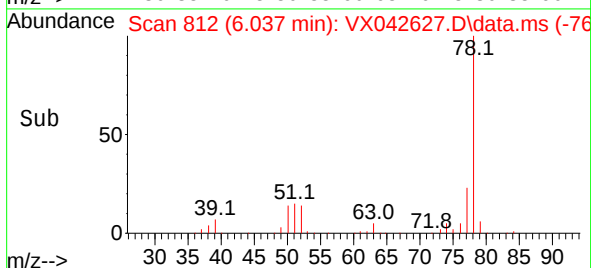
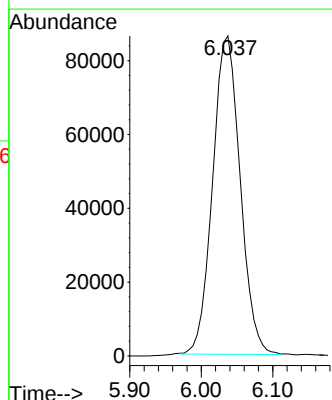
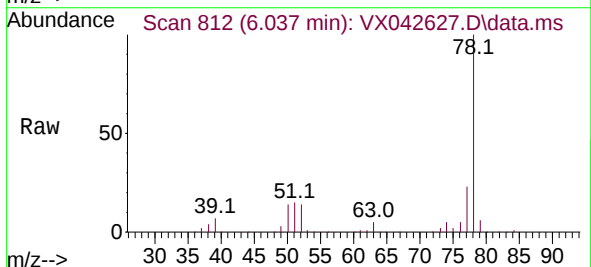
Instrument :
MSVOA_X
ClientSampleId :

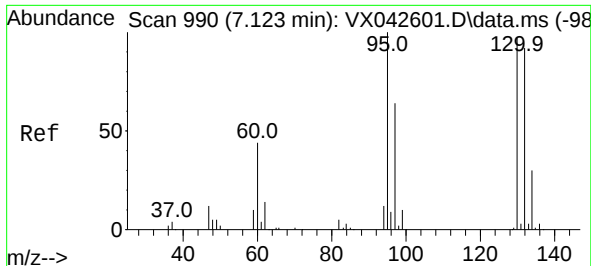
Tgt Ion:117 Resp: 79919
Ion Ratio Lower Upper
117 100
119 97.4 76.2 114.2



#33
Benzene
Concen: 47.970 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX042627.D
Acq: 27 Jul 2024 02:35

Tgt Ion: 78 Resp: 230483





#34

Trichloroethene

Concen: 48.008 ug/L

RT: 7.122 min Scan# 990

Delta R.T. -0.000 min

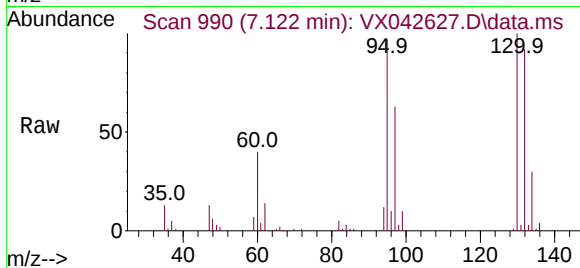
Lab File: VX042627.D

Acq: 27 Jul 2024 02:35

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 61626

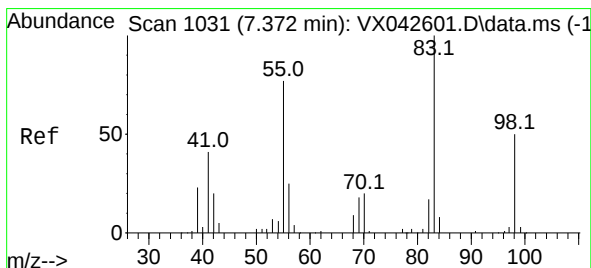
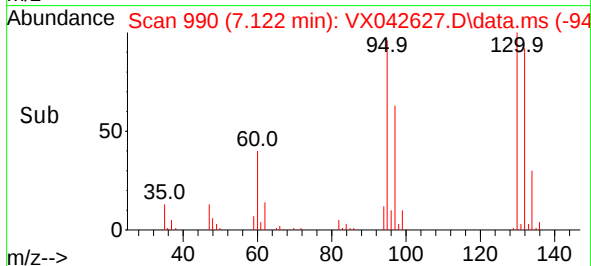
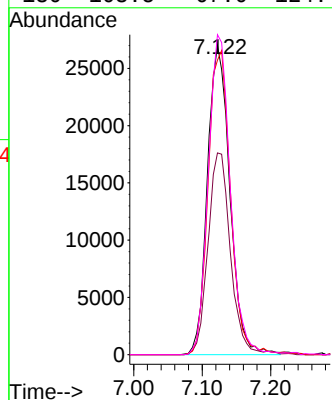
Ion Ratio Lower Upper

95 100

97 65.3 46.3 86.1

132 95.2 64.3 119.5

130 103.5 67.0 124.4



#35

Methylcyclohexane

Concen: 46.833 ug/L

RT: 7.378 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VX042627.D

Acq: 27 Jul 2024 02:35

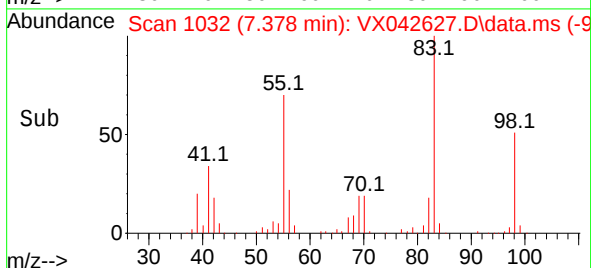
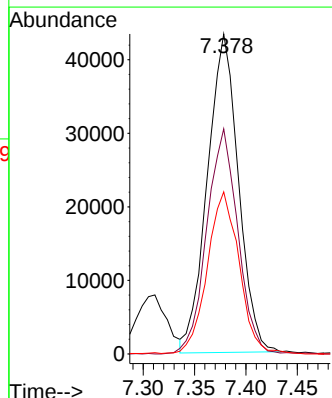
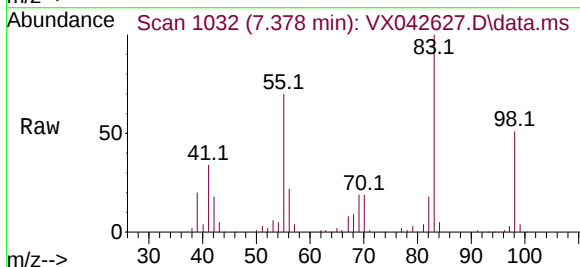
Tgt Ion: 83 Resp: 90989

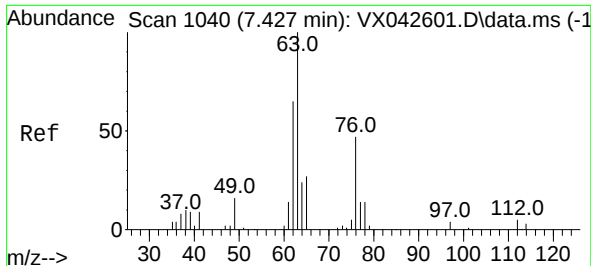
Ion Ratio Lower Upper

83 100

55 70.6 58.2 87.2

98 51.4 38.5 57.7

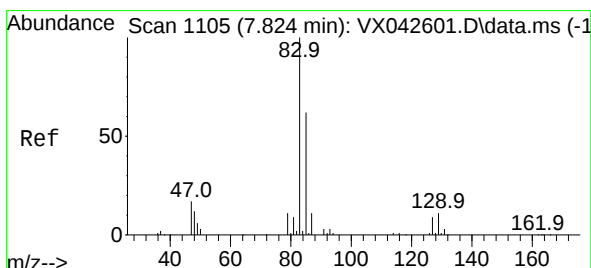
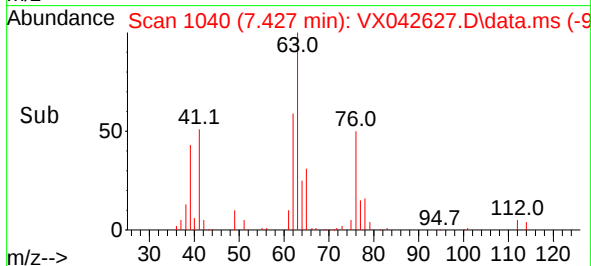
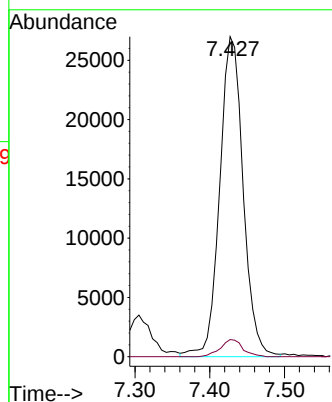
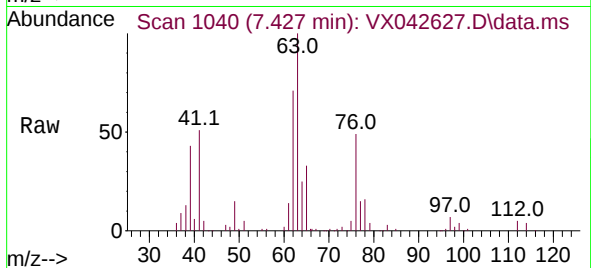




#37
1,2-Dichloropropane
Concen: 47.247 ug/L
RT: 7.427 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX042627.D
Acq: 27 Jul 2024 02:35

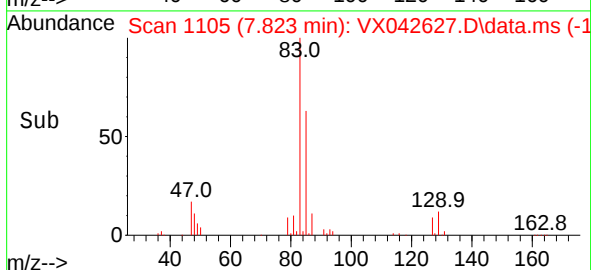
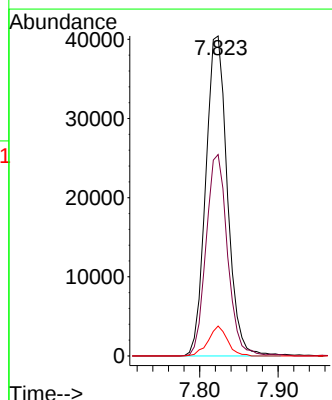
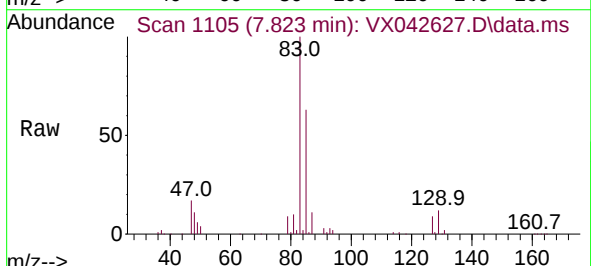
Instrument :
MSVOA_X
ClientSampleId :

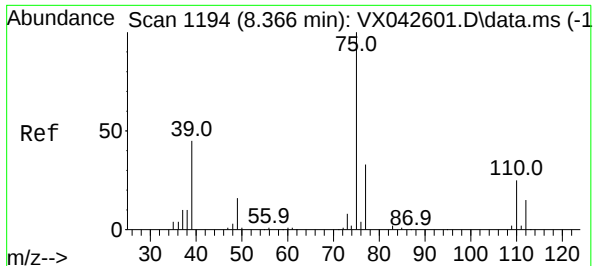
Tgt Ion: 63 Resp: 58997
Ion Ratio Lower Upper
63 100
112 5.1 3.7 5.5



#38
Bromodichloromethane
Concen: 47.950 ug/L
RT: 7.823 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX042627.D
Acq: 27 Jul 2024 02:35

Tgt Ion: 83 Resp: 77387
Ion Ratio Lower Upper
83 100
85 62.9 43.7 81.1
127 10.1 6.5 9.7#

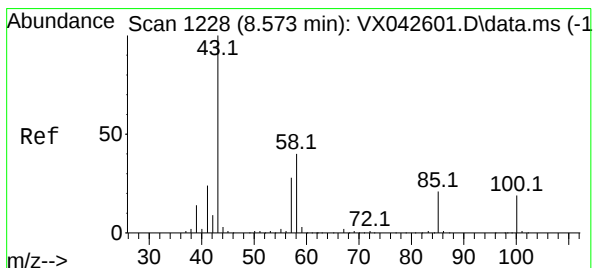
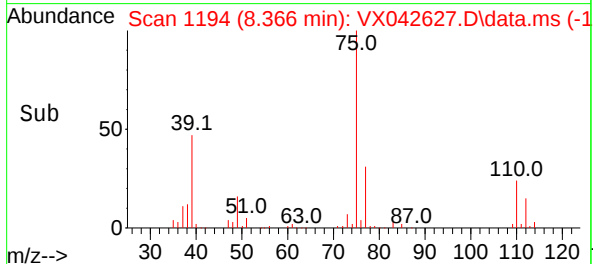
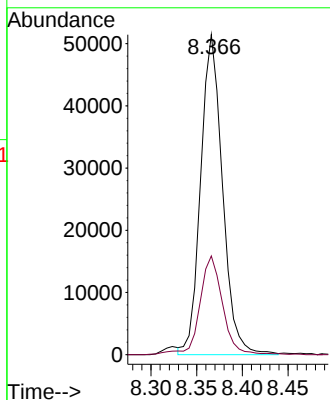
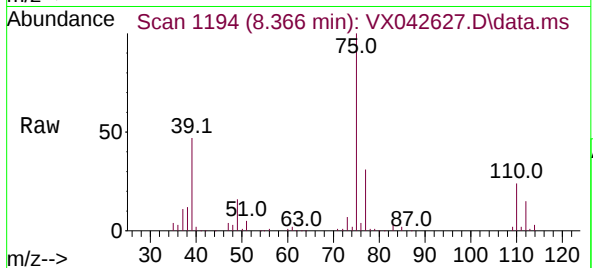




#39
cis-1,3-Dichloropropene
Concen: 44.599 ug/L
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX042627.D
Acq: 27 Jul 2024 02:35

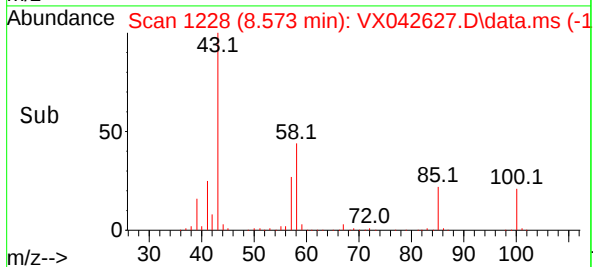
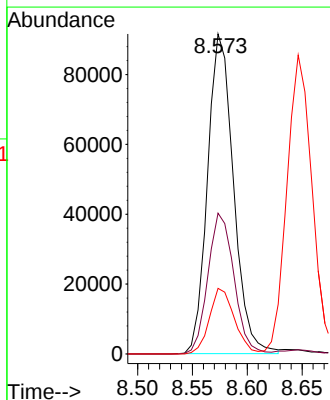
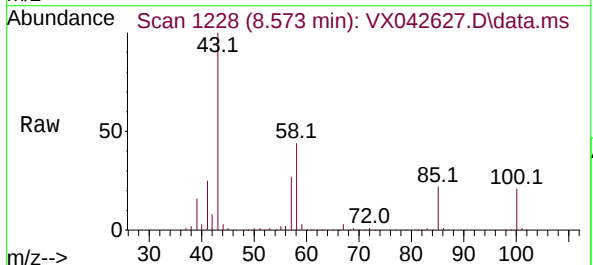
Instrument :
MSVOA_X
ClientSampleId :

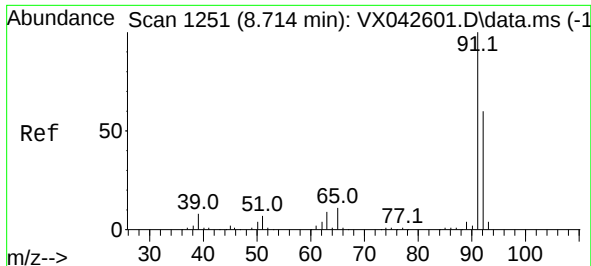
Tgt Ion: 75 Resp: 85483
Ion Ratio Lower Upper
75 100
77 30.8 21.4 39.8



#40
4-Methyl-2-pentanone
Concen: 87.861 ug/L
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX042627.D
Acq: 27 Jul 2024 02:35

Tgt Ion: 43 Resp: 150946
Ion Ratio Lower Upper
43 100
58 44.2 32.4 48.6
100 19.8 13.4 20.0





#42

Toluene

Concen: 50.382 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX042627.D

Acq: 27 Jul 2024 02:35

Instrument :

MSVOA_X

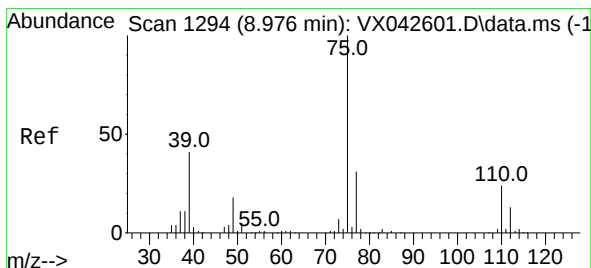
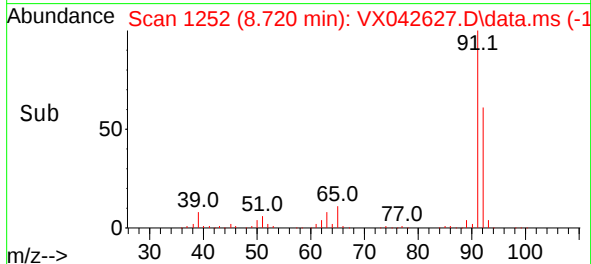
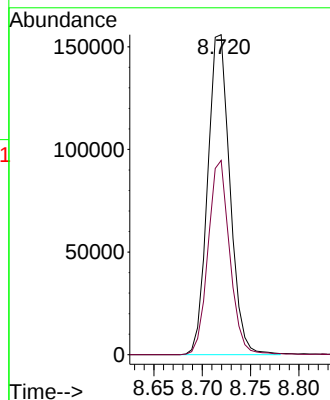
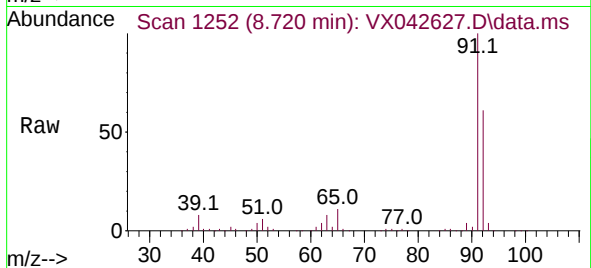
ClientSampleId :

Tgt Ion: 91 Resp: 249321

Ion Ratio Lower Upper

91 100

92 60.7 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 45.080 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX042627.D

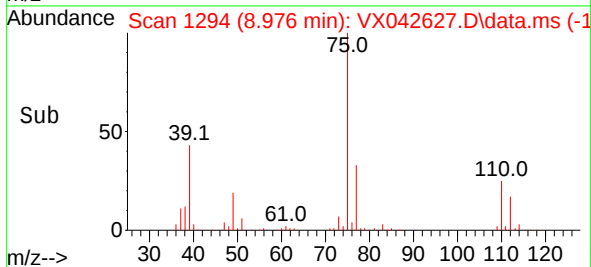
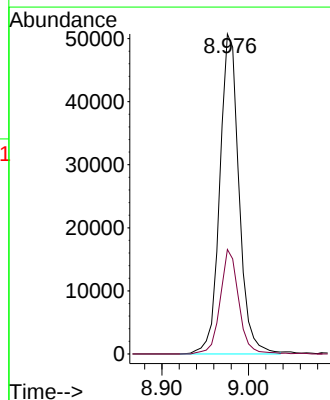
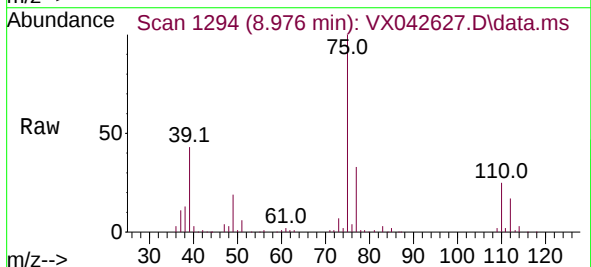
Acq: 27 Jul 2024 02:35

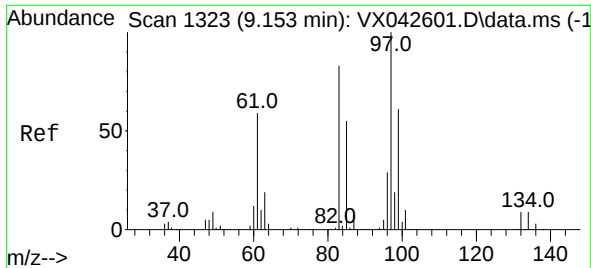
Tgt Ion: 75 Resp: 78325

Ion Ratio Lower Upper

75 100

77 32.6 22.0 40.8

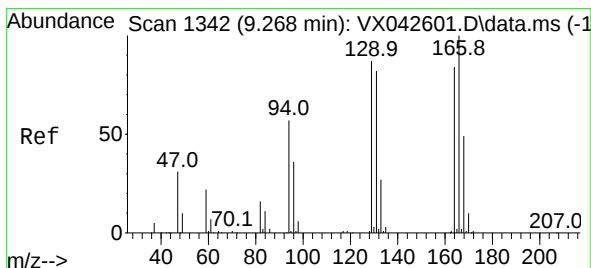
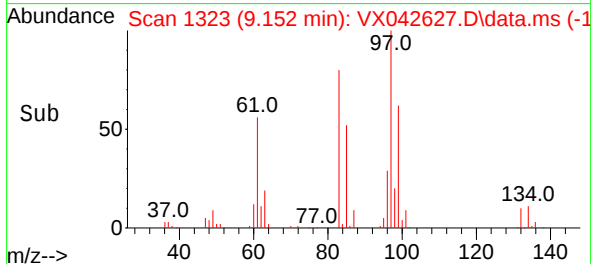
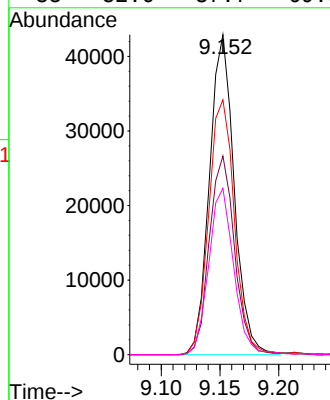
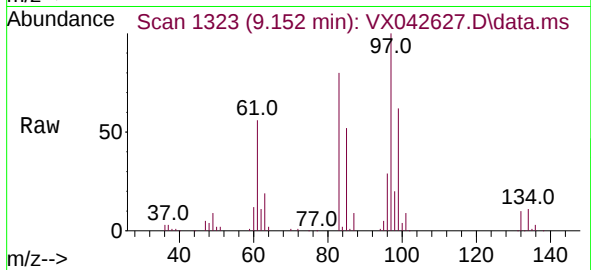




#45
1,1,2-Trichloroethane
Concen: 49.852 ug/L
RT: 9.152 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX042627.D
Acq: 27 Jul 2024 02:35

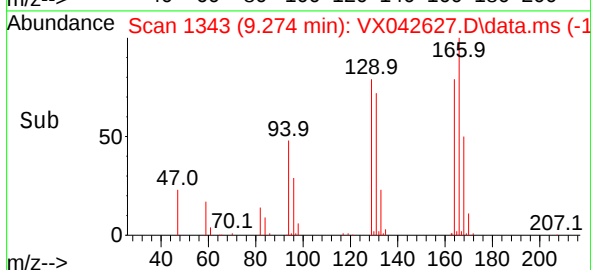
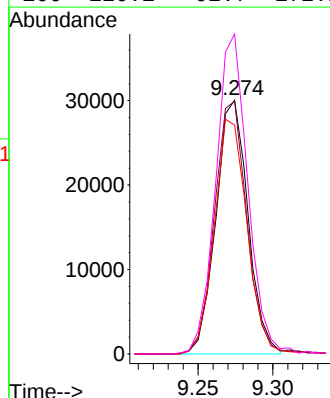
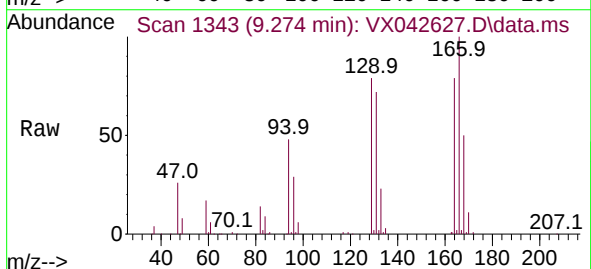
Instrument :
MSVOA_X
ClientSampleId :

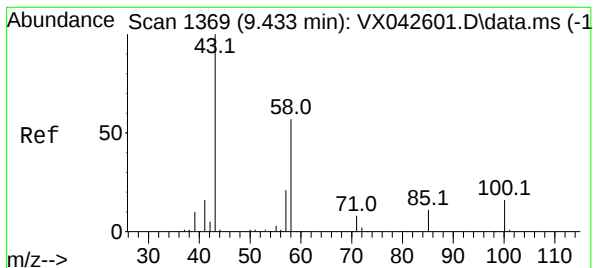
Tgt Ion: 97	Resp: 62873
Ion Ratio	Lower Upper
97 100	
99 62.1	42.6 79.2
83 79.6	59.3 110.1
85 52.0	37.7 69.9



#46
Tetrachloroethene
Concen: 51.104 ug/L
RT: 9.274 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX042627.D
Acq: 27 Jul 2024 02:35

Tgt Ion:164	Resp: 44738
Ion Ratio	Lower Upper
164 100	
129 99.5	74.2 137.8
131 90.2	66.9 124.3
166 126.1	92.7 172.1





#48

2-Hexanone

Concen: 88.199 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

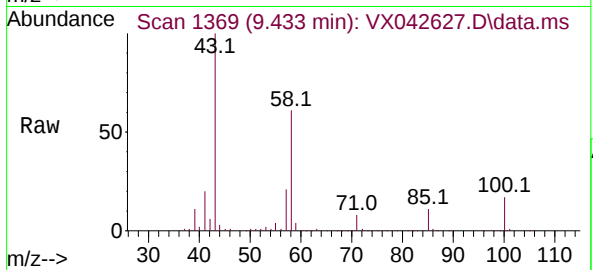
Lab File: VX042627.D

Acq: 27 Jul 2024 02:35

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 117846

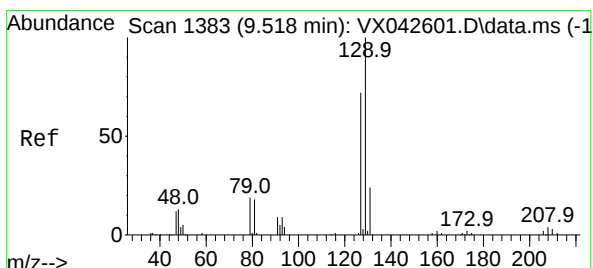
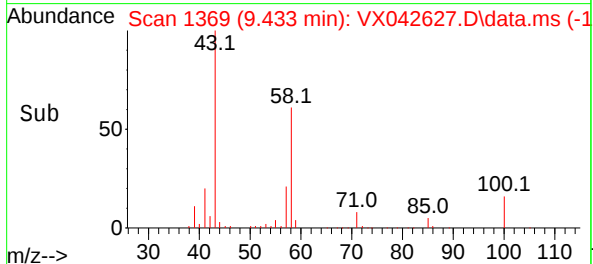
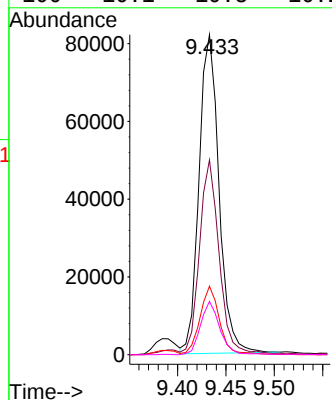
Ion Ratio Lower Upper

43 100

58 59.3 44.9 67.3

57 21.1 15.8 23.6

100 16.1 10.8 16.2



#49

Dibromochloromethane

Concen: 49.444 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX042627.D

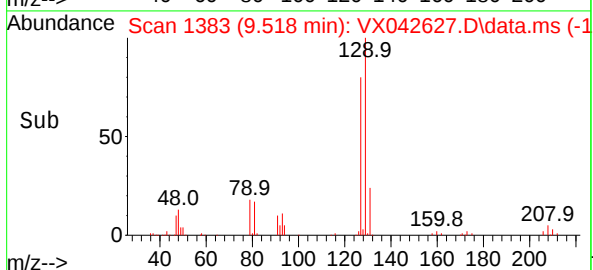
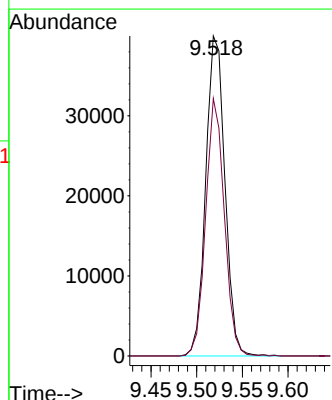
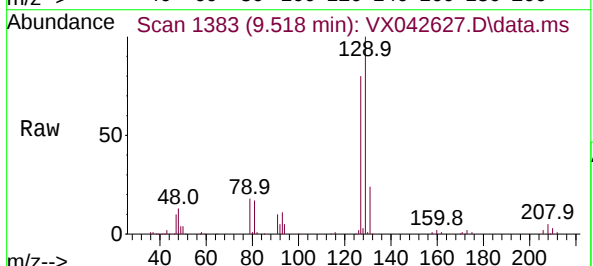
Acq: 27 Jul 2024 02:35

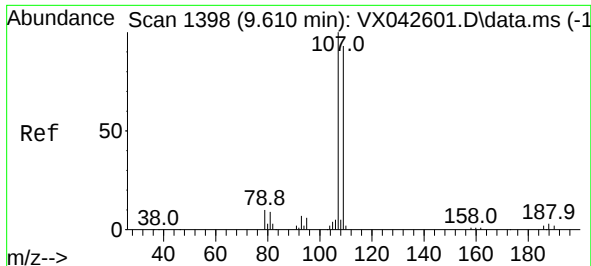
Tgt Ion:129 Resp: 58230

Ion Ratio Lower Upper

129 100

127 80.4 57.4 106.6





#50

1,2-Dibromoethane

Concen: 50.348 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX042627.D

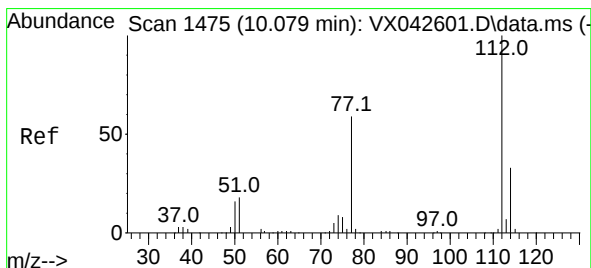
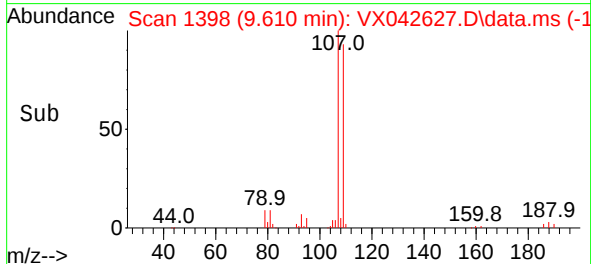
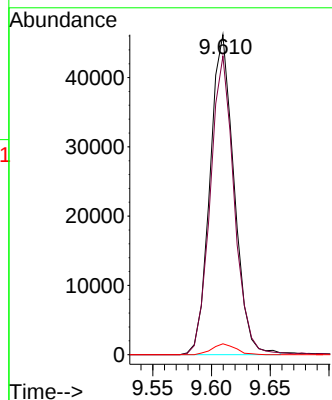
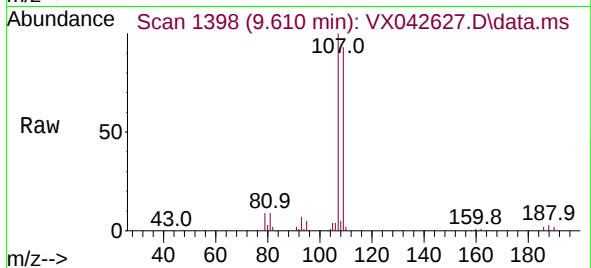
Acq: 27 Jul 2024 02:35

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	66042
Ion Ratio	Lower	Upper
107	100	
109	93.3	65.4 121.4
188	3.4	2.2 3.2#



#51

Chlorobenzene

Concen: 49.557 ug/L

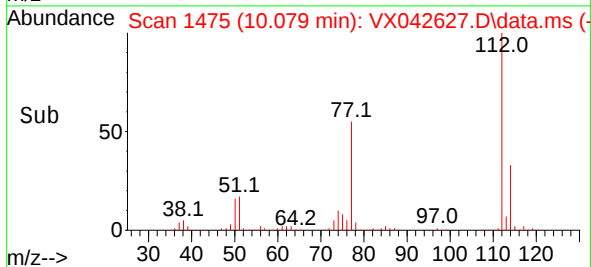
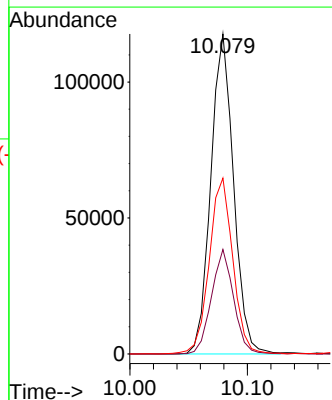
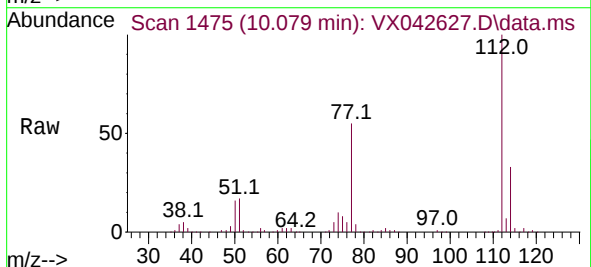
RT: 10.079 min Scan# 1475

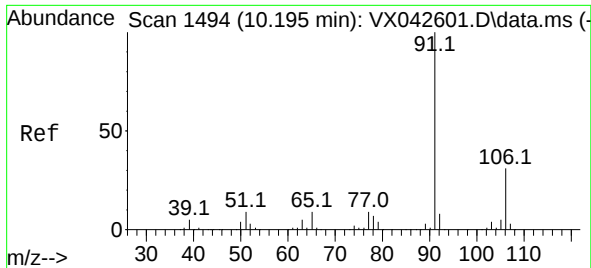
Delta R.T. -0.000 min

Lab File: VX042627.D

Acq: 27 Jul 2024 02:35

Tgt Ion:112	Resp:	158589
Ion Ratio	Lower	Upper
112	100	
114	32.7	23.2 43.2
77	55.0	46.3 69.5





#52

Ethylbenzene

Concen: 49.997 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX042627.D

Acq: 27 Jul 2024 02:35

Instrument :

MSVOA_X

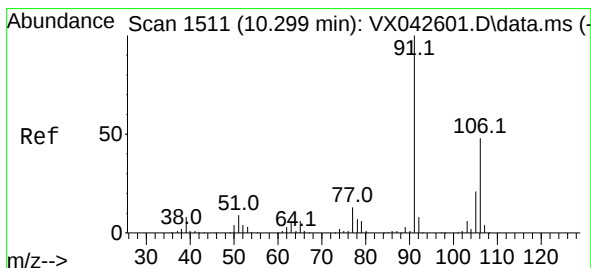
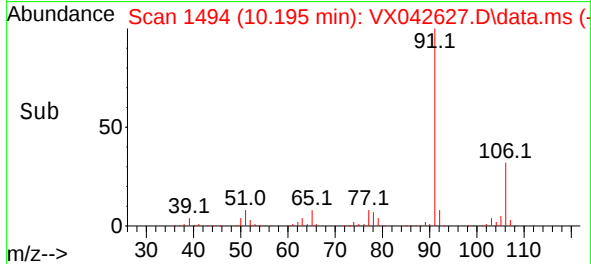
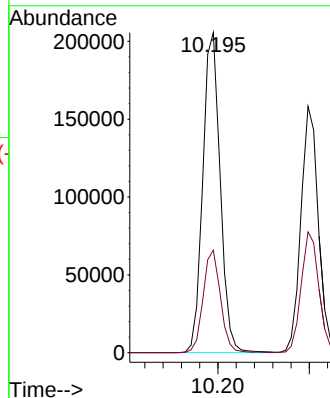
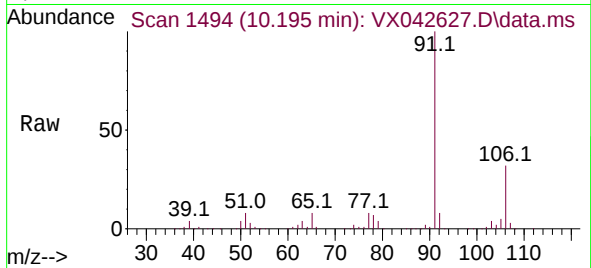
ClientSampleId :

Tgt Ion: 91 Resp: 271374

Ion Ratio Lower Upper

91 100

106 32.1 21.8 40.4



#53

m,p-Xylene

Concen: 51.486 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX042627.D

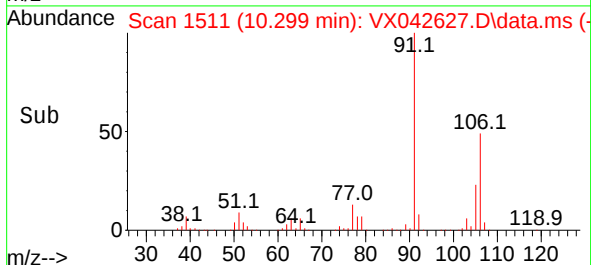
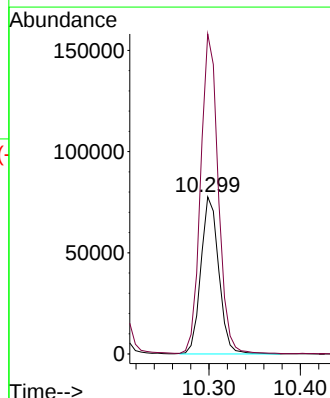
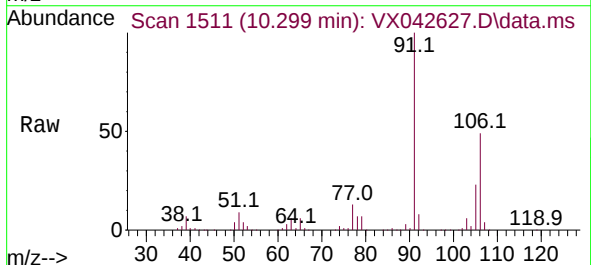
Acq: 27 Jul 2024 02:35

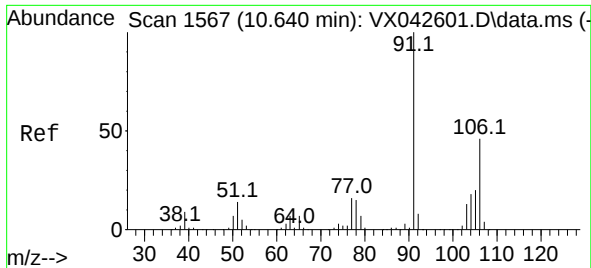
Tgt Ion:106 Resp: 105275

Ion Ratio Lower Upper

106 100

91 203.7 146.8 272.6

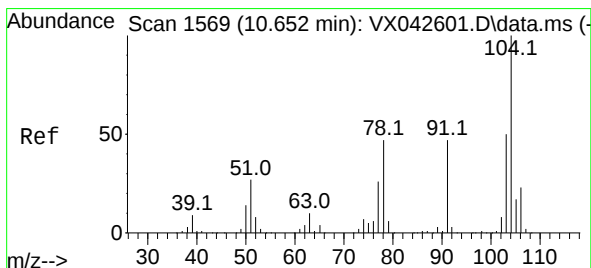
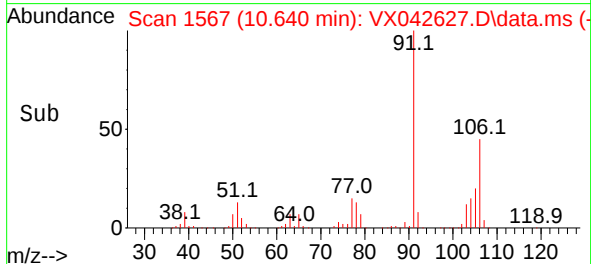
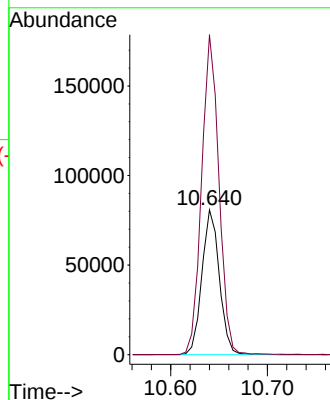
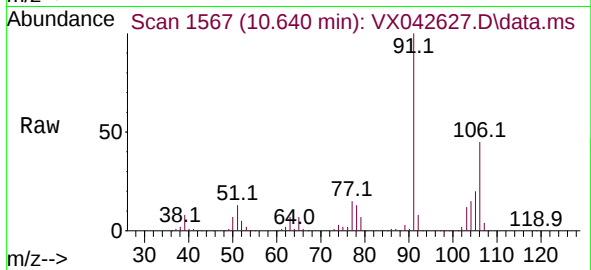




#54
o-Xylene
Concen: 49.895 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX042627.D
Acq: 27 Jul 2024 02:35

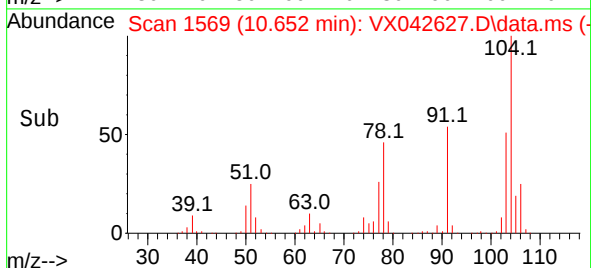
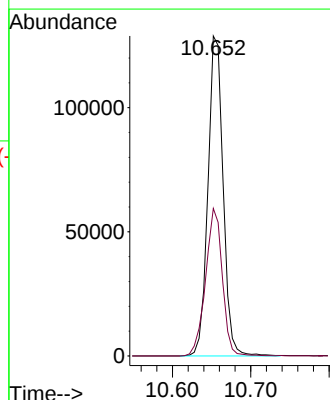
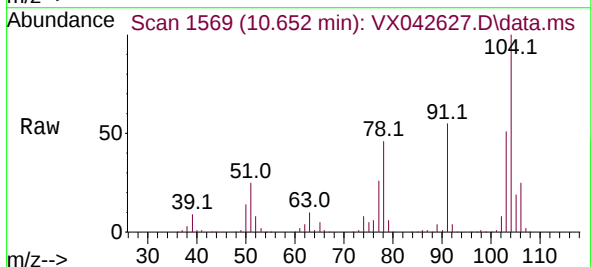
Instrument :
MSVOA_X
ClientSampleId :

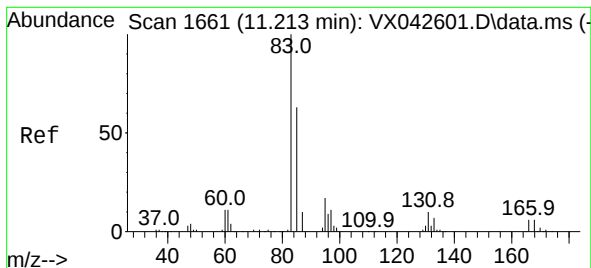
Tgt Ion:106 Resp: 101489
Ion Ratio Lower Upper
106 100
91 220.9 154.6 287.2



#55
Styrene
Concen: 51.176 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX042627.D
Acq: 27 Jul 2024 02:35

Tgt Ion:104 Resp: 173523
Ion Ratio Lower Upper
104 100
78 46.1 32.6 60.5





#57

1,1,2,2-Tetrachloroethane

Concen: 47.471 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042627.D

Acq: 27 Jul 2024 02:35

Instrument :

MSVOA_X

ClientSampleId :

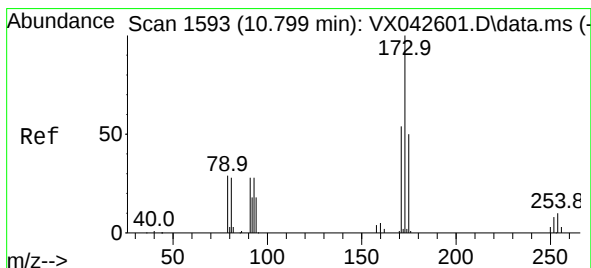
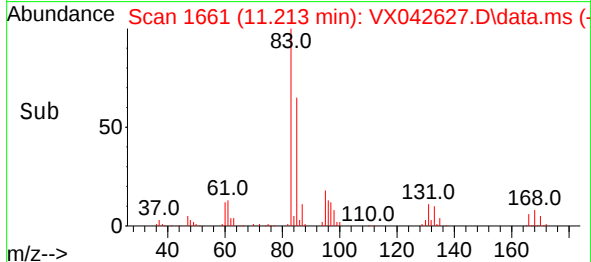
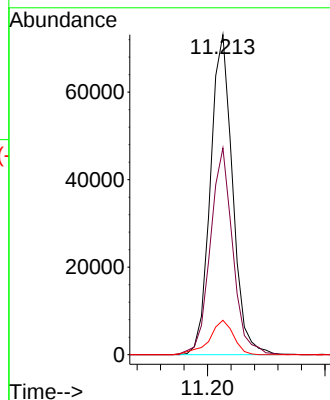
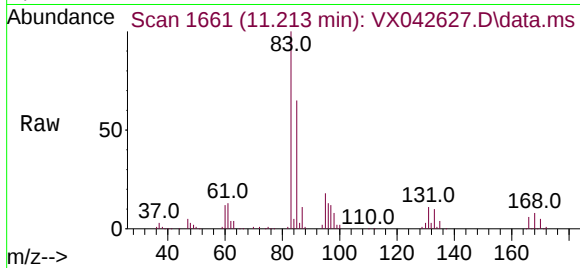
Tgt Ion: 83 Resp: 95742

Ion Ratio Lower Upper

83 100

85 64.6 46.1 85.5

131 10.7 8.6 13.0



#59

Bromoform

Concen: 48.350 ug/L

RT: 10.798 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX042627.D

Acq: 27 Jul 2024 02:35

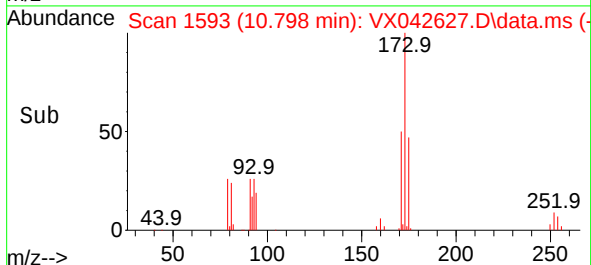
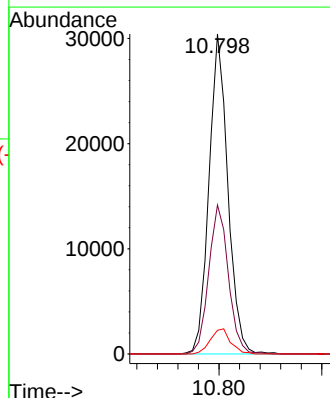
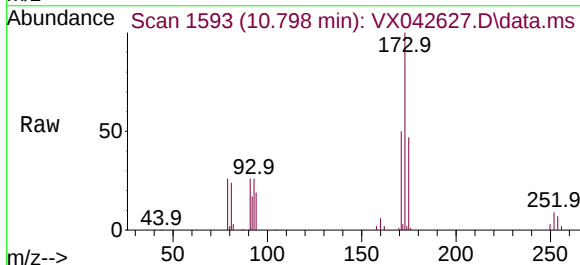
Tgt Ion:173 Resp: 38778

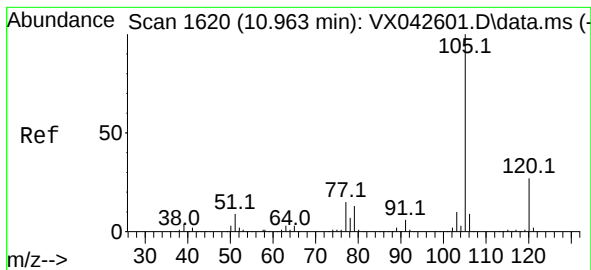
Ion Ratio Lower Upper

173 100

175 48.3 37.4 56.2

254 8.4 6.8 10.2





#60

Isopropylbenzene

Concen: 49.361 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042627.D

Acq: 27 Jul 2024 02:35

Instrument :

MSVOA_X

ClientSampleId :

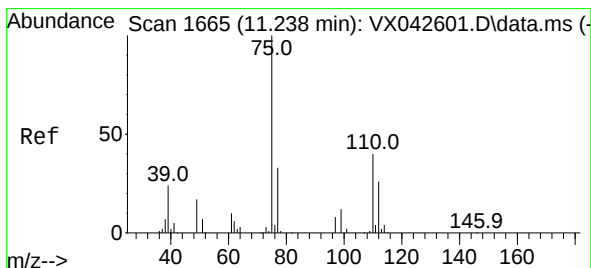
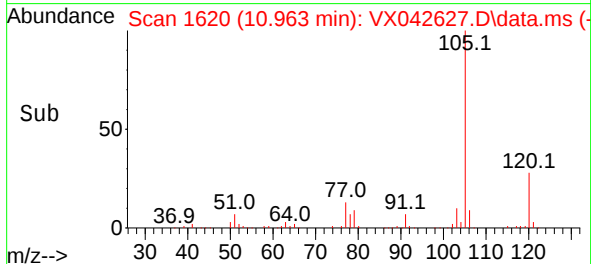
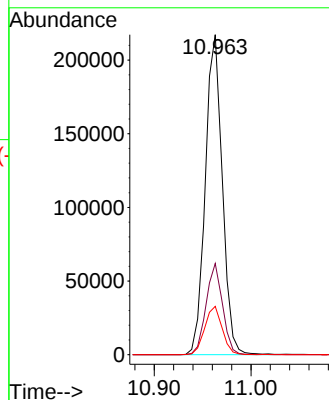
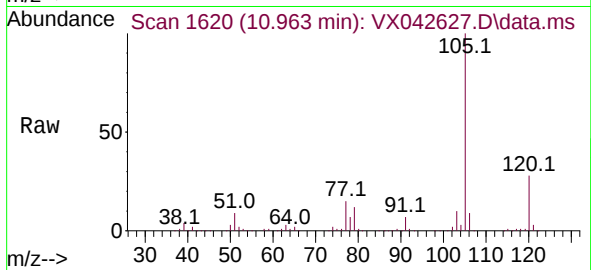
Tgt Ion:105 Resp: 266553

Ion Ratio Lower Upper

105 100

120 27.6 21.0 31.6

77 15.5 12.9 19.3



#61

1,2,3-Trichloropropane

Concen: 45.461 ug/L

RT: 11.237 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX042627.D

Acq: 27 Jul 2024 02:35

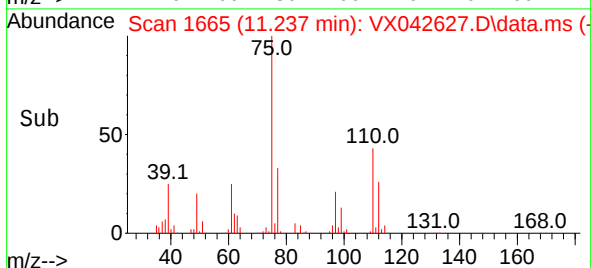
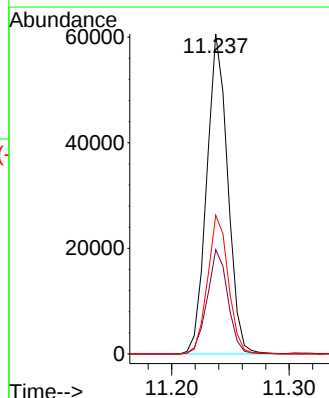
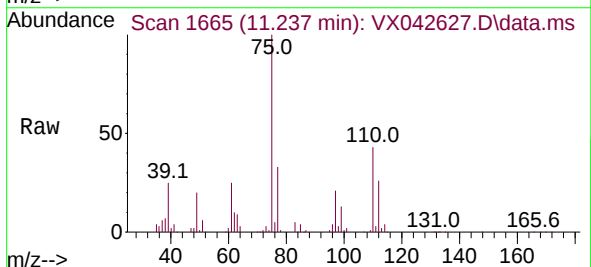
Tgt Ion: 75 Resp: 75165

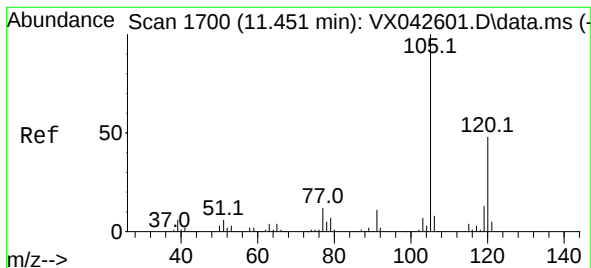
Ion Ratio Lower Upper

75 100

77 32.1 26.2 39.4

110 42.8 33.0 49.4





#62

1,3,5-Trimethylbenzene

Concen: 48.978 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX042627.D

Acq: 27 Jul 2024 02:35

Instrument :

MSVOA_X

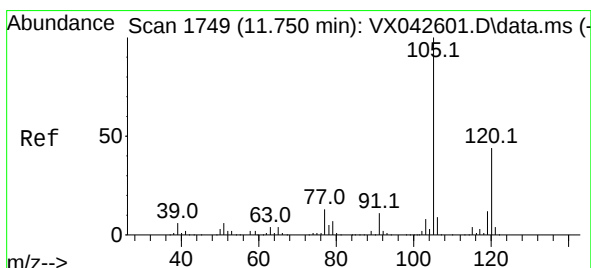
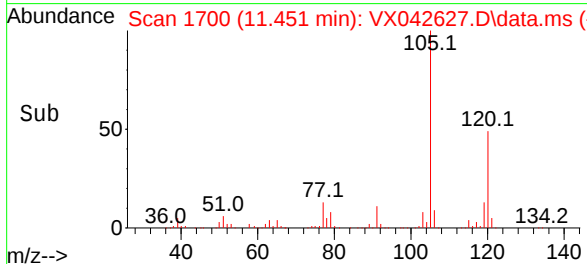
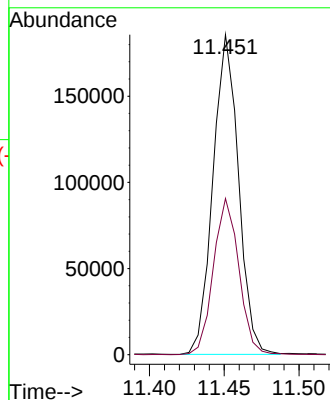
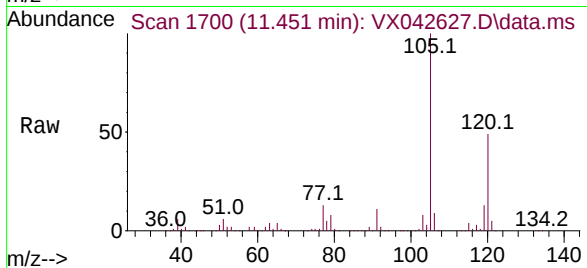
ClientSampleId :

Tgt Ion:105 Resp: 219968

Ion Ratio Lower Upper

105 100

120 48.9 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 49.402 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX042627.D

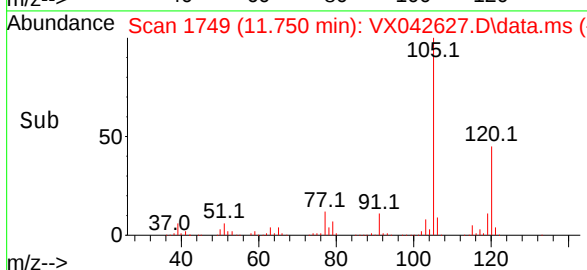
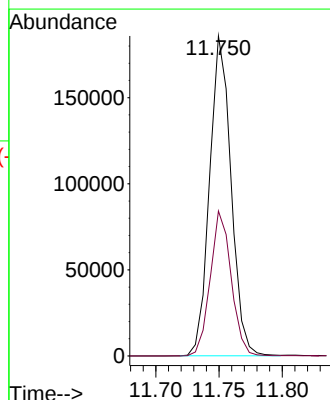
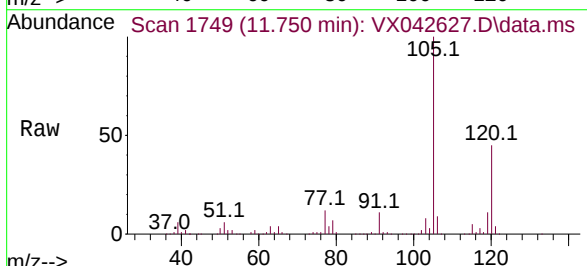
Acq: 27 Jul 2024 02:35

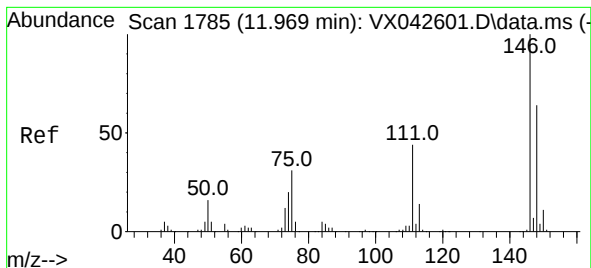
Tgt Ion:105 Resp: 219079

Ion Ratio Lower Upper

105 100

120 44.4 35.2 52.8





#64

1,3-Dichlorobenzene

Concen: 48.303 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

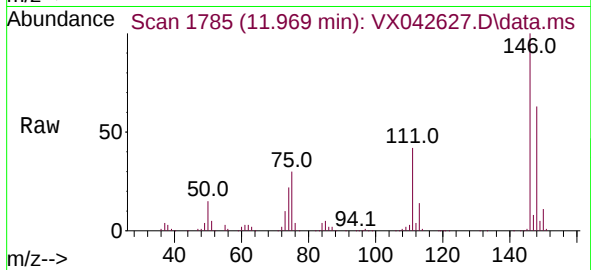
Lab File: VX042627.D

Acq: 27 Jul 2024 02:35

Instrument :

MSVOA_X

ClientSampleId :



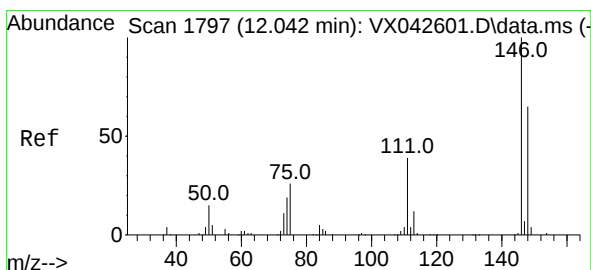
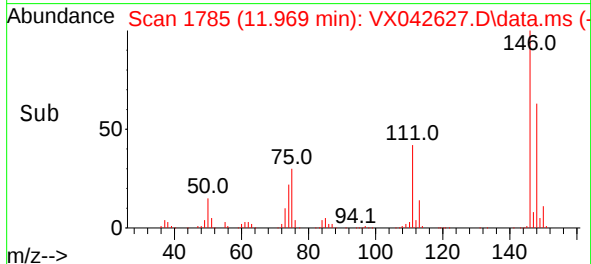
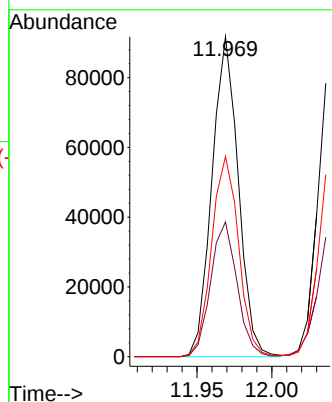
Tgt Ion:146 Resp: 112184

Ion Ratio Lower Upper

146 100

111 42.1 30.4 56.5

148 62.5 47.7 88.7



#65

1,4-Dichlorobenzene

Concen: 47.044 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX042627.D

Acq: 27 Jul 2024 02:35

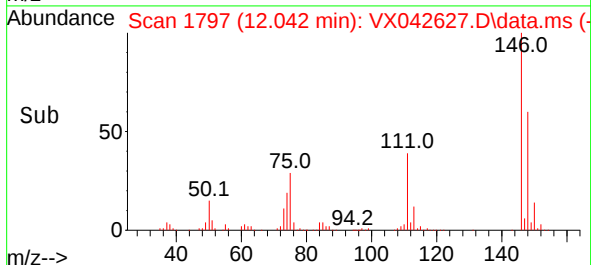
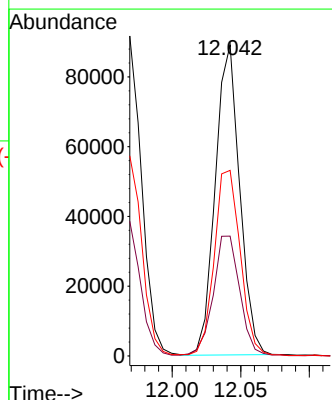
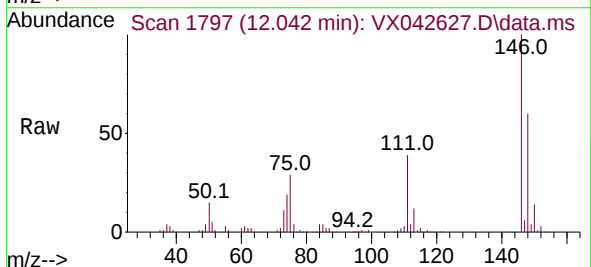
Tgt Ion:146 Resp: 110048

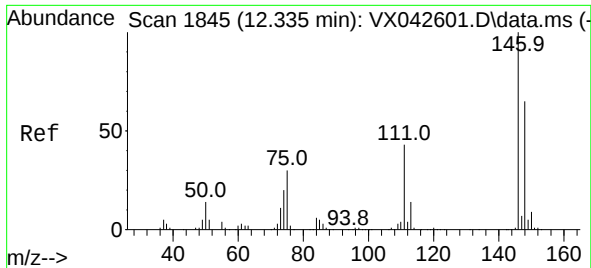
Ion Ratio Lower Upper

146 100

111 38.5 27.9 51.7

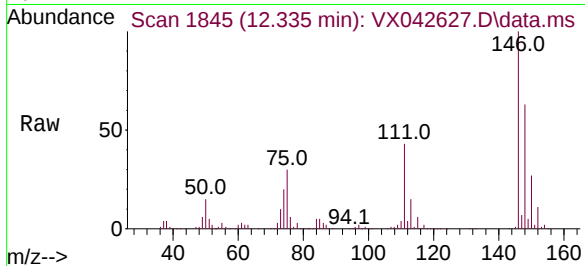
148 59.7 44.1 81.9



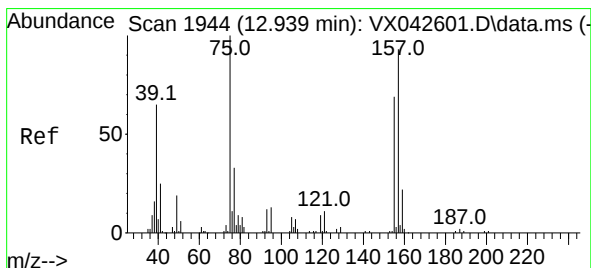
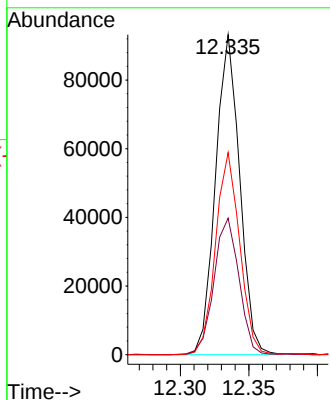
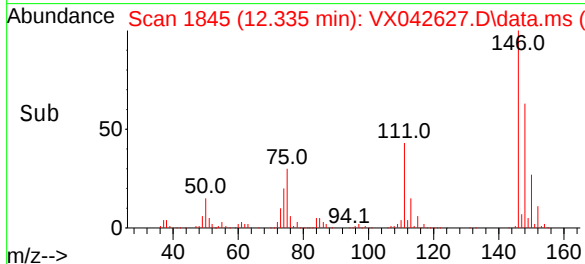


#67
1,2-Dichlorobenzene
Concen: 48.825 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX042627.D
Acq: 27 Jul 2024 02:35

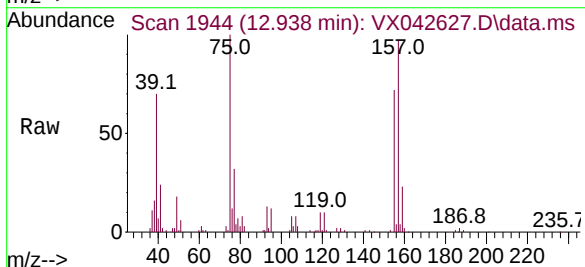
Instrument :
MSVOA_X
ClientSampleId :



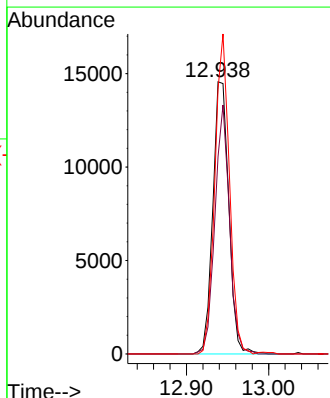
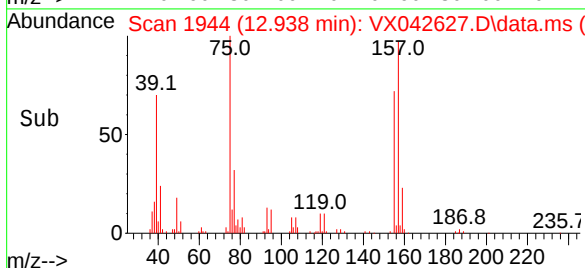
Tgt Ion:146 Resp: 114185
Ion Ratio Lower Upper
146 100
111 42.7 35.3 52.9
148 63.1 52.7 79.1

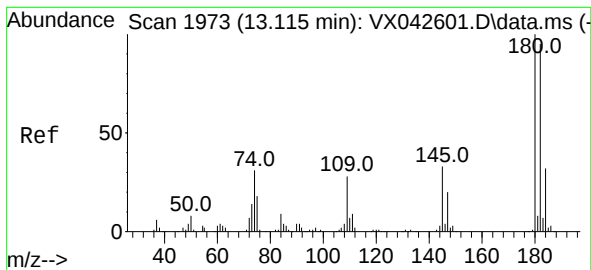


#68
1,2-Dibromo-3-chloropropane
Concen: 44.765 ug/L
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX042627.D
Acq: 27 Jul 2024 02:35



Tgt Ion: 75 Resp: 19718
Ion Ratio Lower Upper
75 100
155 72.5 65.1 97.7
157 97.2 85.8 128.6





#69

1,3,5-Trichlorobenzene

Concen: 48.242 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. -0.000 min

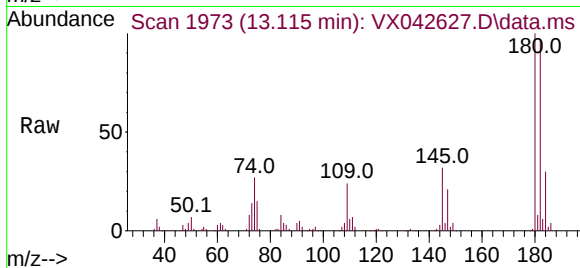
Lab File: VX042627.D

Acq: 27 Jul 2024 02:35

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 69493

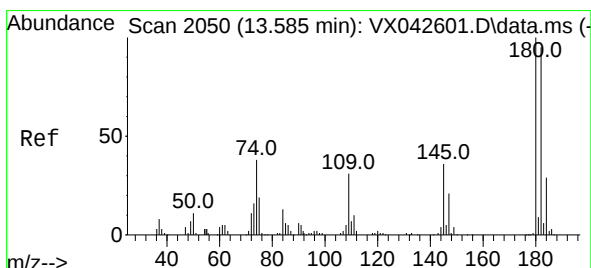
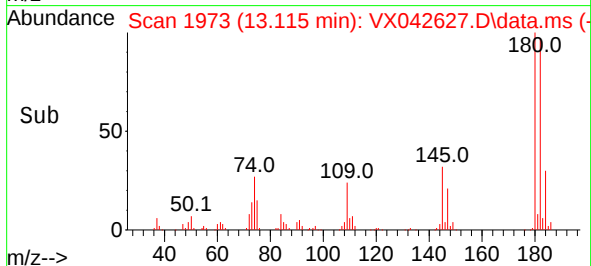
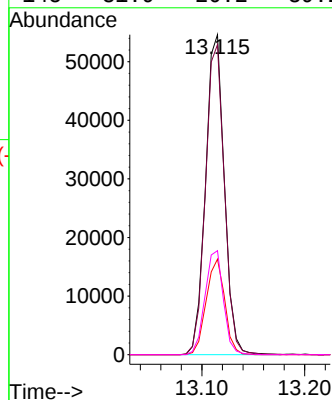
Ion Ratio Lower Upper

180 100

182 97.5 75.4 113.0

184 29.5 23.4 35.0

145 31.9 26.2 39.2



#70

1,2,4-trichlorobenzene

Concen: 48.792 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX042627.D

Acq: 27 Jul 2024 02:35

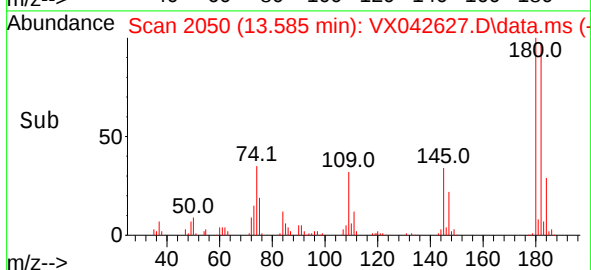
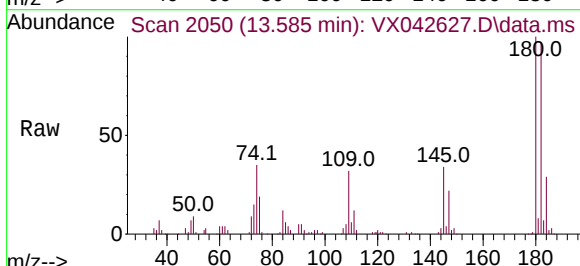
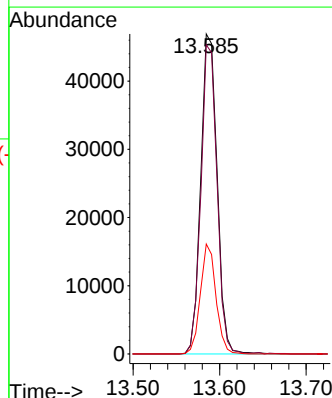
Tgt Ion:180 Resp: 61637

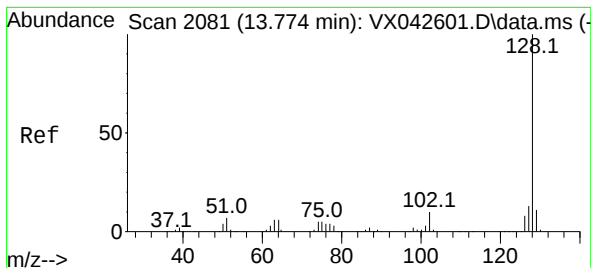
Ion Ratio Lower Upper

180 100

182 94.7 77.0 115.4

145 32.7 27.0 40.6





#71

Naphthalene

Concen: 48.832 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX042627.D

Acq: 27 Jul 2024 02:35

Instrument :

MSVOA_X

ClientSampleId :

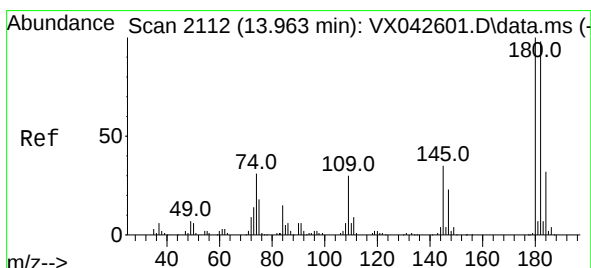
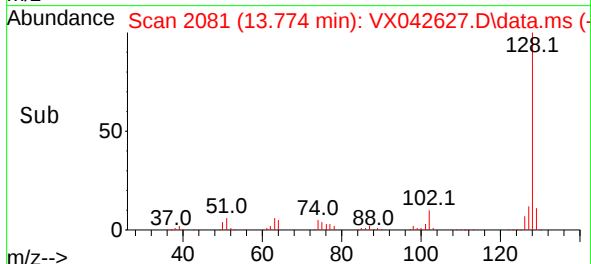
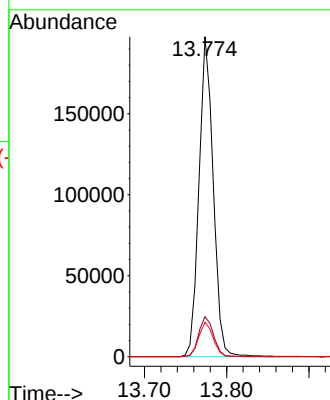
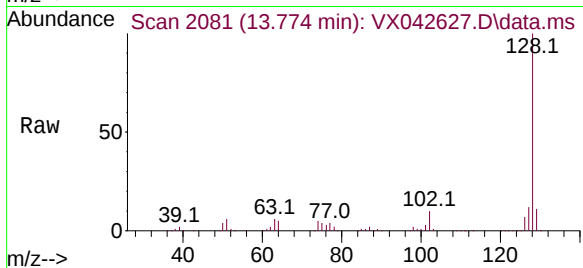
Tgt Ion:128 Resp: 237957

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 48.594 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX042627.D

Acq: 27 Jul 2024 02:35

Tgt Ion:180 Resp: 63588

Ion Ratio Lower Upper

180 100

182 97.8 76.2 114.2

145 36.0 27.6 41.4

