

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082025\
 Data File : VR026744.D
 Acq On : 20 Aug 2025 16:18
 Operator : SY/MD
 Sample : VSTDICC040
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICC040

Quant Time: Aug 21 08:39:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R082025W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 21 08:23:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.385	168	2304768	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.389	114	3748896	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.563	117	3000775	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.761	152	1007428	50.000	ug/l	0.00

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.773	65	1141843	39.451	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	78.900%
34) Dibromofluoromethane	7.295	113	959036	39.223	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	78.440%
49) Toluene-d8	10.071	98	3360915	41.002	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	82.000%#
61) 4-Bromofluorobenzene	12.689	95	929406	39.961	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	79.920%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.817	85	866762	39.798	ug/l	99
3) Chloromethane	1.811	50	100424	38.755	ug/l #	98
4) Vinyl Chloride	2.119	62	1405341	39.215	ug/l	98
5) Bromomethane	2.443	94	339600	30.866	ug/l	97
6) Chloroethane	2.565	64	805547	42.540	ug/l	95
7) Trichlorofluoromethane	2.863	101	2708040	38.982	ug/l	98
8) Diethyl Ether	3.236	74	895618	40.303	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.540	101	1113570	40.115	ug/l	99
10) Methyl Iodide	3.707	142	1206238	40.886	ug/l	99
11) Tert butyl alcohol	4.503	59	942090	211.727	ug/l #	84
12) 1,1-Dichloroethene	3.515	96	1240468	41.179	ug/l	95
13) Acrolein	3.406	56	524025	193.973	ug/l	98
14) Allyl chloride	4.047	41	2312193	41.650	ug/l	99
15) Acrylonitrile	4.654	53	4002222	210.310	ug/l #	88
16) Acetone	3.605	43	2921132	190.666	ug/l	100
17) Carbon Disulfide	3.800	76	3156524	43.145	ug/l	99
18) Methyl Acetate	4.057	43	1806774	40.482	ug/l	99
19) Methyl tert-butyl Ether	4.715	73	4013632	42.009	ug/l	98
20) Methylene Chloride	4.253	84	1297099	39.683	ug/l	99
21) trans-1,2-Dichloroethene	4.696	96	1297737	41.203	ug/l	96
22) Diisopropyl ether	5.613	45	4783564	41.884	ug/l	98
23) Vinyl Acetate	5.543	43	14804163	205.790	ug/l	91
24) 1,1-Dichloroethane	5.482	63	2300966	40.941	ug/l	99
25) 2-Butanone	6.493	43	5008247	210.541	ug/l	97
26) 2,2-Dichloropropane	6.470	77	1614929	41.943	ug/l	99
27) cis-1,2-Dichloroethene	6.477	96	1487000	41.714	ug/l	99
28) Bromochloromethane	6.858	49	619093	37.219	ug/l #	18
29) Chloroform	7.057	83	2072807	41.049	ug/l	97
30) Cyclohexane	7.369	56	2347015	39.600	ug/l	100
31) 1,1,1-Trichloroethane	7.276	97	1722733	42.015	ug/l	99
35) 1,1-Dichloropropene	7.516	75	1578027	41.443	ug/l	100
36) Ethyl Acetate	6.602	43	2006497	41.113	ug/l	100
37) Carbon Tetrachloride	7.500	117	1445729	42.193	ug/l	99
38) Methylcyclohexane	8.944	83	1944048	40.800	ug/l	97
39) Benzene	7.789	78	4980495	42.607	ug/l	93
40) Methacrylonitrile	6.842	41	1067840	42.030	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.876	62	1308038	40.357	ug/l	100
42) Isopropyl Acetate	7.943	43	2986916	43.251	ug/l	99
43) Trichloroethene	8.665	130	1020318	40.008	ug/l	99
44) 1,2-Dichloropropane	8.973	63	1127958	40.306	ug/l	99
45) Dibromomethane	9.076	93	719713	40.485	ug/l	99
46) Bromodichloromethane	9.291	83	1374434	41.535	ug/l	99
47) Methyl methacrylate	9.079	41	1441217	42.757	ug/l	99
48) 1,4-Dioxane	9.079	88	389211	898.839	ug/l	99
50) 4-Methyl-2-Pentanone	9.958	43	6938913	206.998	ug/l	92
51) Toluene	10.144	92	2787115	41.754	ug/l	92
52) t-1,3-Dichloropropene	10.398	75	1354352	43.213	ug/l	97
53) cis-1,3-Dichloropropene	9.788	75	1609387	42.327	ug/l	98
54) 1,1,2-Trichloroethane	10.600	97	963299	40.658	ug/l	98
55) Ethyl methacrylate	10.462	69	1744708	42.812	ug/l	99
56) 1,3-Dichloropropane	10.767	76	1645925	41.215	ug/l	99
57) 2-Chloroethyl Vinyl ether	9.631	63	500338	199.042	ug/l	100
58) 2-Hexanone	10.825	43	5244780	224.747	ug/l	93
59) Dibromochloromethane	10.985	129	929716	41.718	ug/l	99
60) 1,2-Dibromoethane	11.101	107	882104	41.195	ug/l	100
63) Tetrachloroethene	10.683	164	820047	38.894	ug/l	96
64) Chlorobenzene	11.592	112	2776734	41.582	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.678	131	906521	40.433	ug/l	99
66) Ethyl Benzene	11.685	91	4779146	42.805	ug/l	88
67) m/p-Xylenes	11.810	106	4011744	85.869	ug/l	89
68) o-Xylene	12.179	106	1933743	40.848	ug/l	93
69) Styrene	12.195	104	3033782	43.550	ug/l	96
70) Bromoform	12.378	173	530328	43.867	ug/l #	98
72) Isopropylbenzene	12.522	105	4305171	39.369	ug/l	95
73) N-amyl acetate	12.320	43	1817570	46.037	ug/l	99
74) 1,1,2,2-Tetrachloroethane	12.805	83	1253805	40.052	ug/l	100
75) 1,2,3-Trichloropropane	12.862	75	1473902	65.003	ug/l #	100
76) Bromobenzene	12.833	156	924463	38.621	ug/l	97
77) n-propylbenzene	12.910	91	4712919	40.200	ug/l	95
78) 2-Chlorotoluene	13.003	91	2799802	40.439	ug/l	100
79) 1,3,5-Trimethylbenzene	13.068	105	3359015	41.134	ug/l	97
80) trans-1,4-Dichloro-2-b...	12.577	75	352001	37.035	ug/l	99
81) 4-Chlorotoluene	13.116	91	2628058	41.427	ug/l	99
82) tert-Butylbenzene	13.363	119	3093080	40.514	ug/l	95
83) 1,2,4-Trimethylbenzene	13.414	105	3134619	42.097	ug/l	98
84) sec-Butylbenzene	13.568	105	4057347	41.317	ug/l	97
85) p-Isopropyltoluene	13.697	119	3248871	42.577	ug/l	97
86) 1,3-Dichlorobenzene	13.693	146	1430850	40.251	ug/l	99
87) 1,4-Dichlorobenzene	13.786	146	1354377	39.546	ug/l	99
88) n-Butylbenzene	14.062	91	2258942	41.432	ug/l	99
89) Hexachloroethane	14.364	117	527499	42.620	ug/l	97
90) 1,2-Dichlorobenzene	14.111	146	1139093	38.156	ug/l	99
91) 1,2-Dibromo-3-Chloropr...	14.807	75	114248	39.548	ug/l	96
92) 1,2,4-Trichlorobenzene	15.571	180	739383	37.696	ug/l	99
93) Hexachlorobutadiene	15.696	225	235349	36.403	ug/l	99
94) Naphthalene	15.856	128	2251978	40.153	ug/l	100
95) 1,2,3-Trichlorobenzene	16.078	180	720134	37.837	ug/l	99

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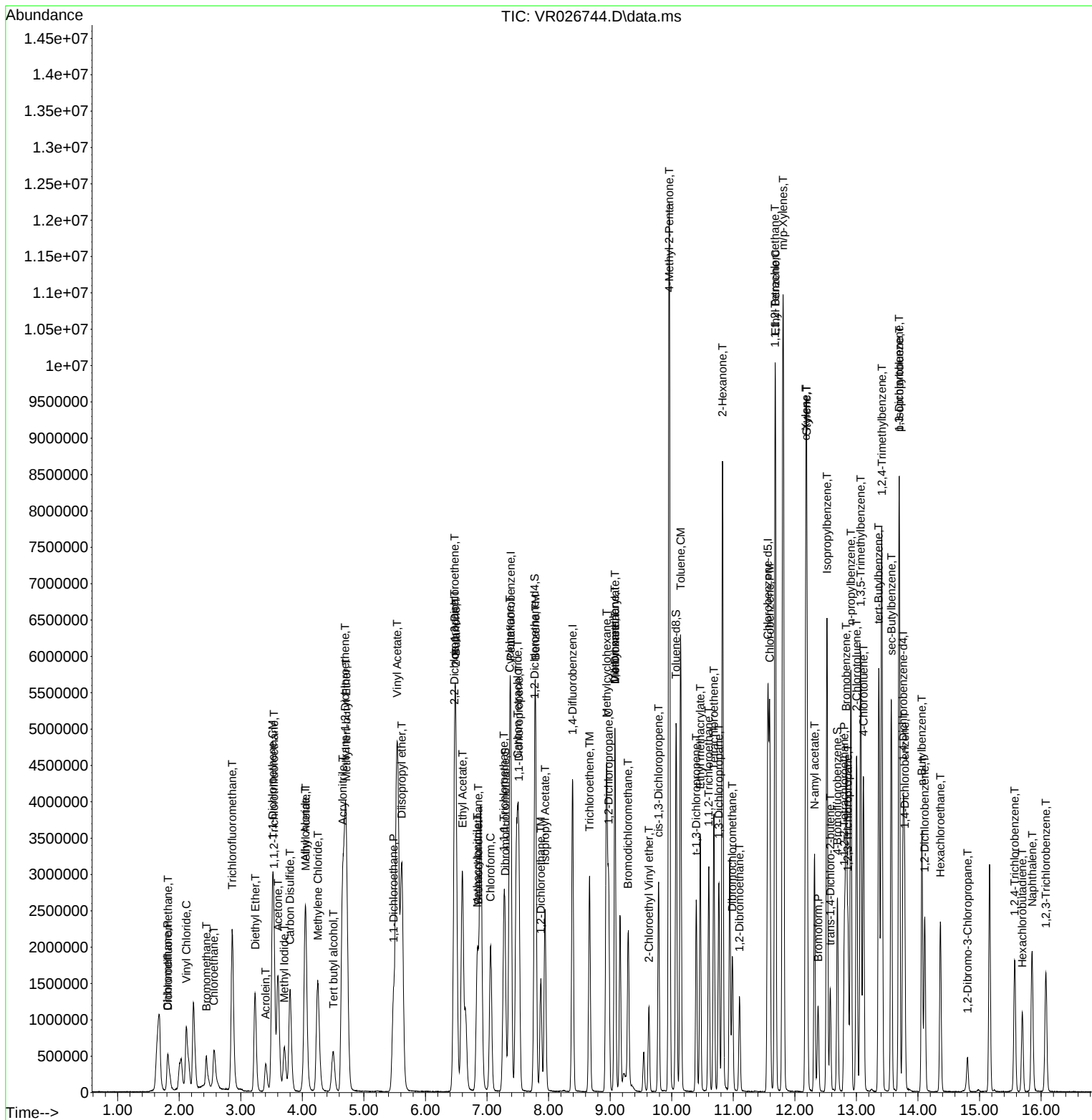
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC040

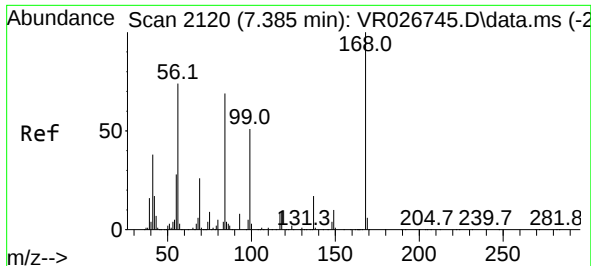
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Quant Title : SW846 8260
QLast Update : Thu Aug 21 08:23:46 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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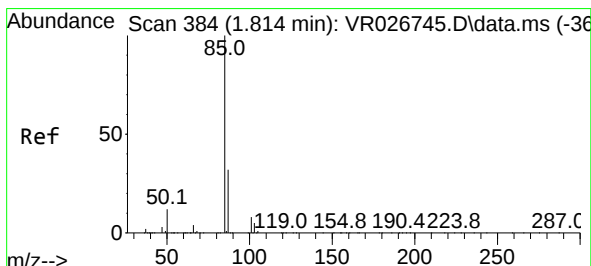
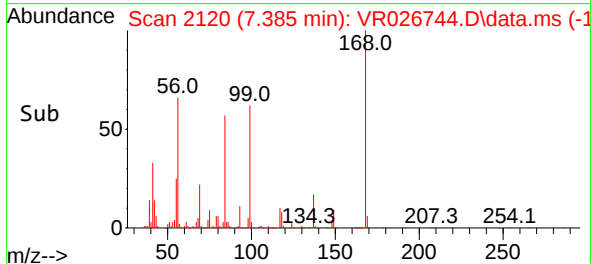
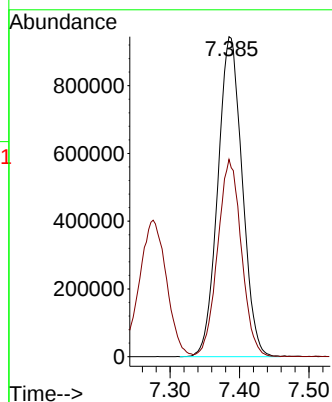
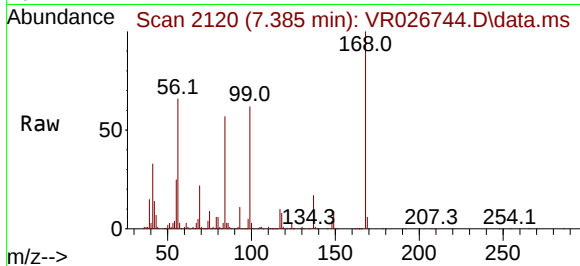




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.385 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

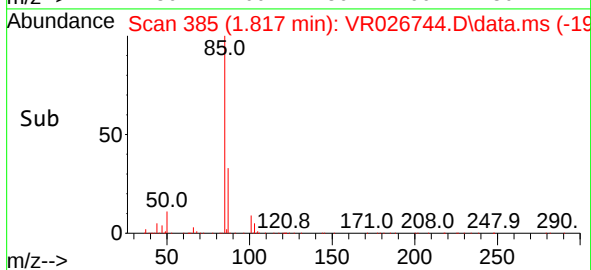
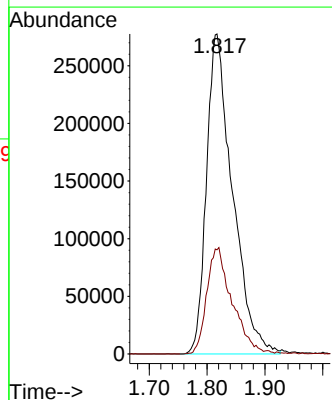
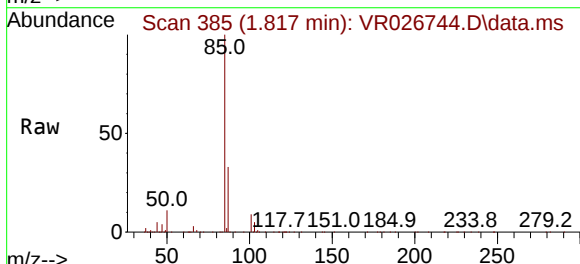
Instrument :
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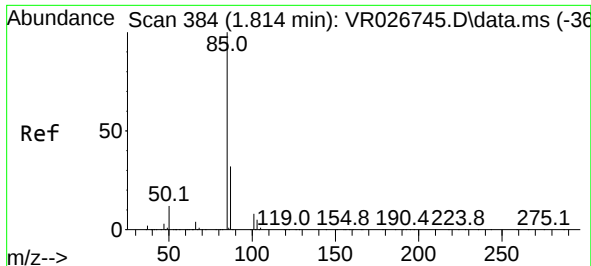
Tgt Ion:168 Resp: 2304768
Ion Ratio Lower Upper
168 100
99 61.6 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 39.798 ug/l
RT: 1.817 min Scan# 385
Delta R.T. 0.003 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

Tgt Ion: 85 Resp: 866762
Ion Ratio Lower Upper
85 100
87 32.5 16.1 48.2

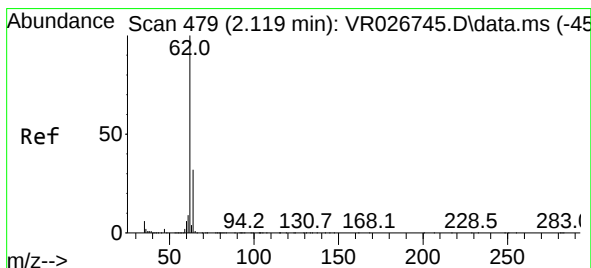
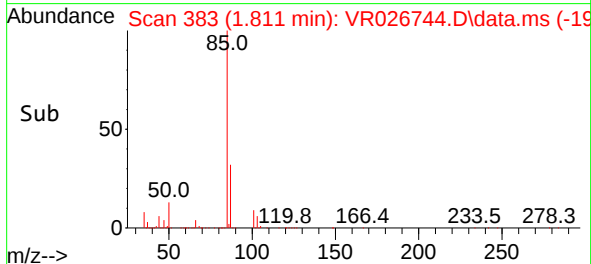
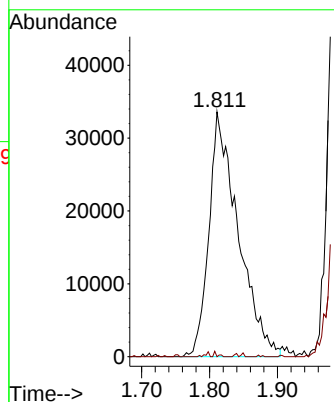
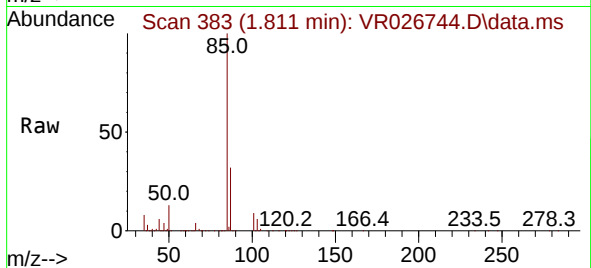




#3
Chloromethane
Concen: 38.755 ug/l
RT: 1.811 min Scan# 384
Delta R.T. -0.003 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

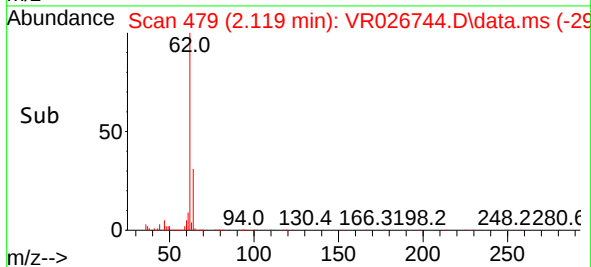
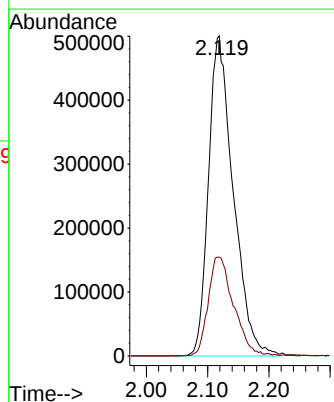
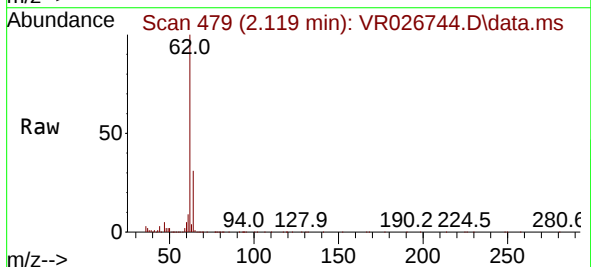
Instrument :
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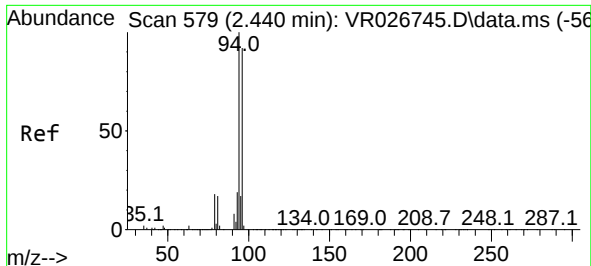
Tgt Ion: 50 Resp: 100424
Ion Ratio Lower Upper
50 100
52 0.0 0.6 1.0#



#4
Vinyl Chloride
Concen: 39.215 ug/l
RT: 2.119 min Scan# 479
Delta R.T. -0.000 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

Tgt Ion: 62 Resp: 1405341
Ion Ratio Lower Upper
62 100
64 30.8 25.5 38.3

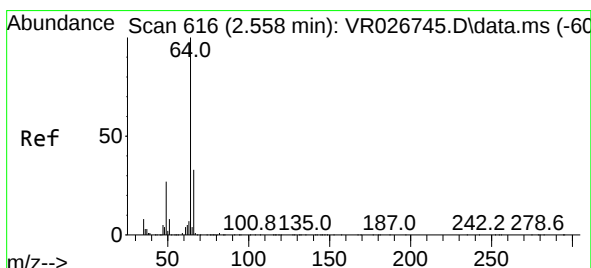
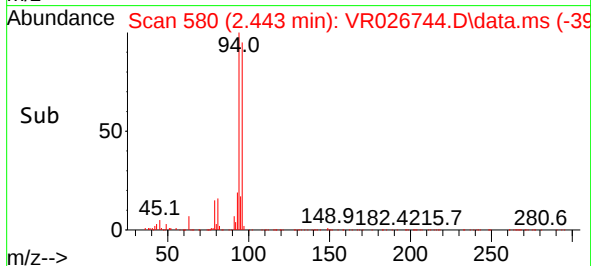
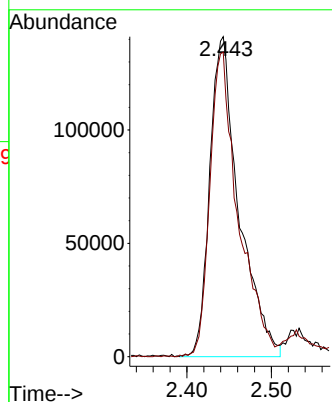
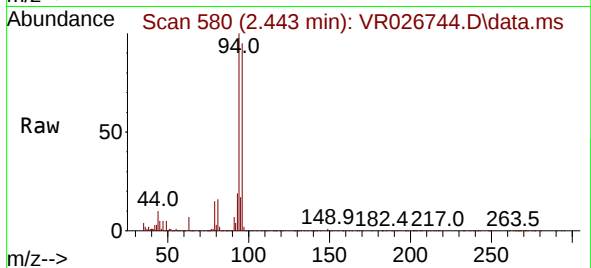




#5
Bromomethane
Concen: 30.866 ug/l
RT: 2.443 min Scan# 51
Delta R.T. 0.003 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

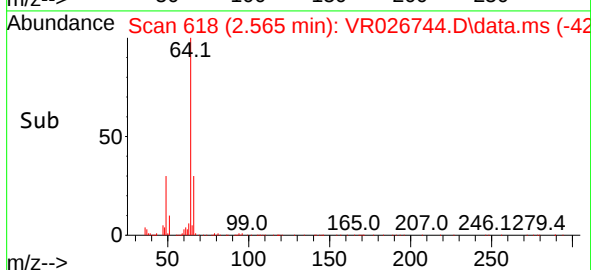
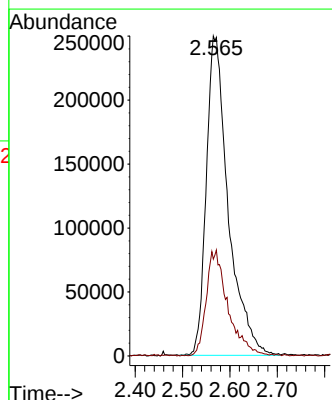
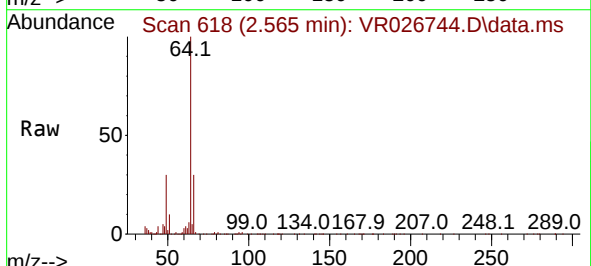
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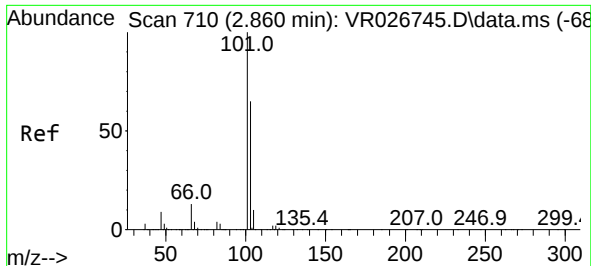
Tgt Ion: 94 Resp: 339600
Ion Ratio Lower Upper
94 100
96 94.7 73.8 110.6



#6
Chloroethane
Concen: 42.540 ug/l
RT: 2.565 min Scan# 618
Delta R.T. 0.007 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

Tgt Ion: 64 Resp: 805547
Ion Ratio Lower Upper
64 100
66 30.3 26.6 40.0

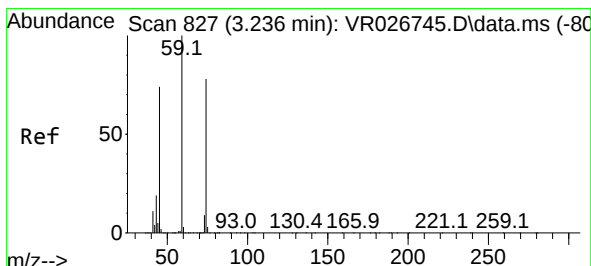
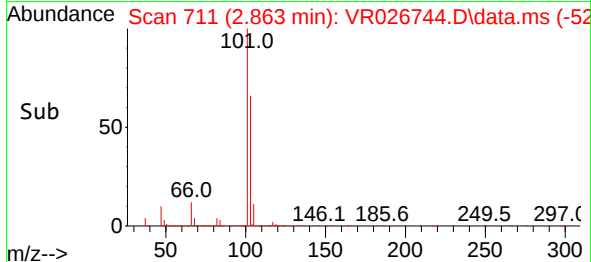
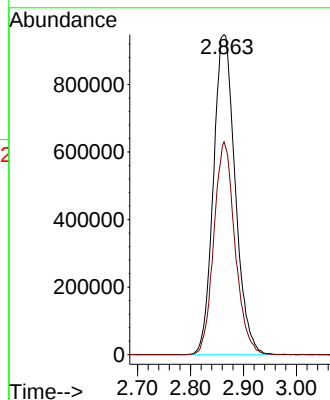
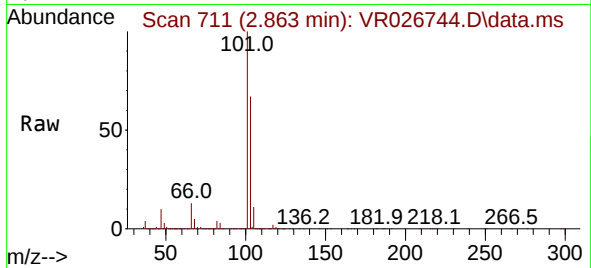




#7
Trichlorofluoromethane
Concen: 38.982 ug/l
RT: 2.863 min Scan# 710
Delta R.T. 0.003 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

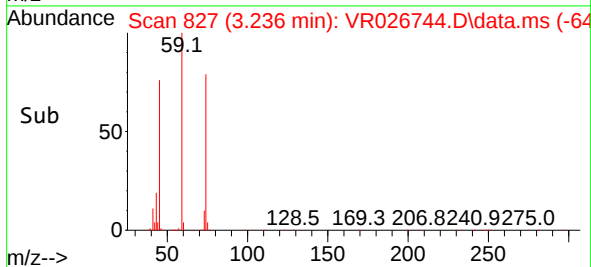
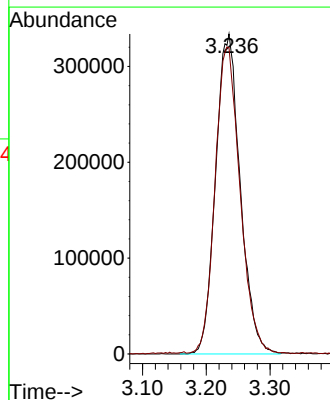
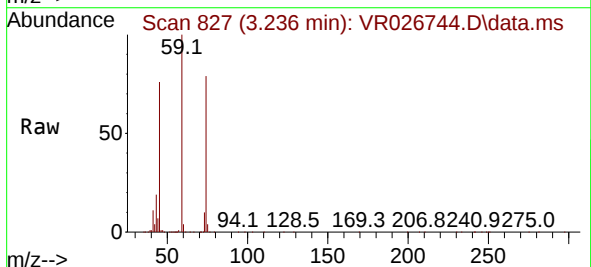
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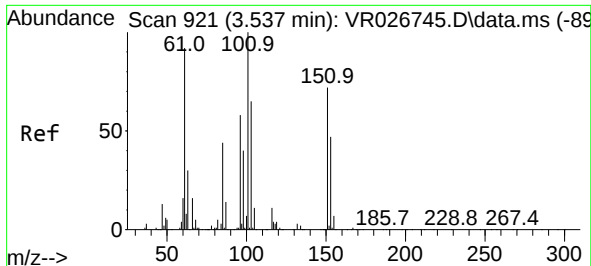
Tgt Ion:101 Resp: 2708040
Ion Ratio Lower Upper
101 100
103 66.5 51.8 77.8



#8
Diethyl Ether
Concen: 40.303 ug/l
RT: 3.236 min Scan# 827
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 895618
Ion Ratio Lower Upper
74 100
45 96.4 47.5 142.6

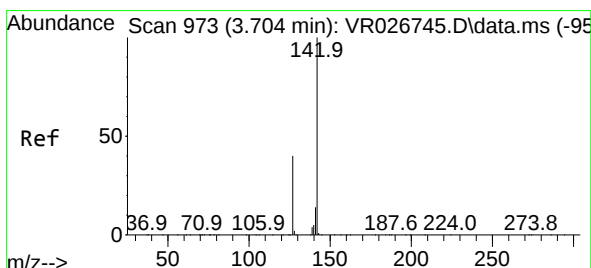
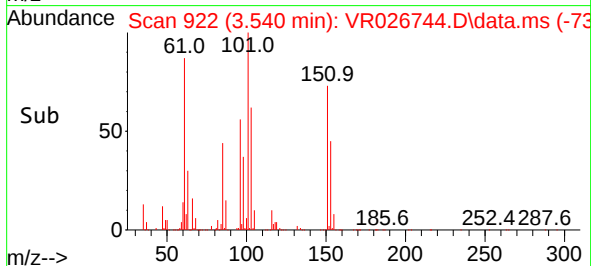
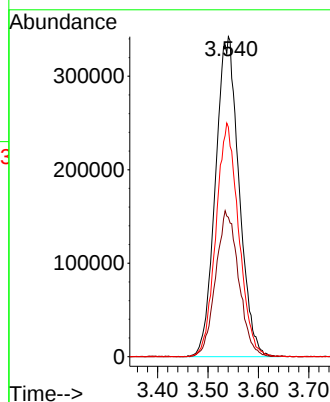
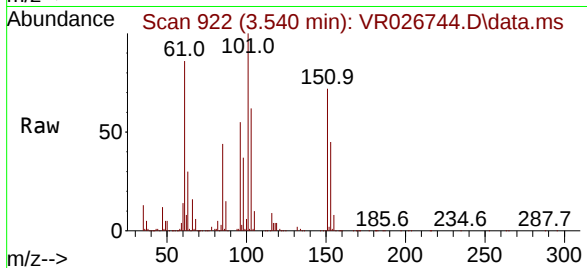




#9
1,1,2-Trichlorotrifluoroethane
Concen: 40.115 ug/l
RT: 3.540 min Scan# 911
Delta R.T. 0.003 min
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Acq: 20 Aug 2025 16:18

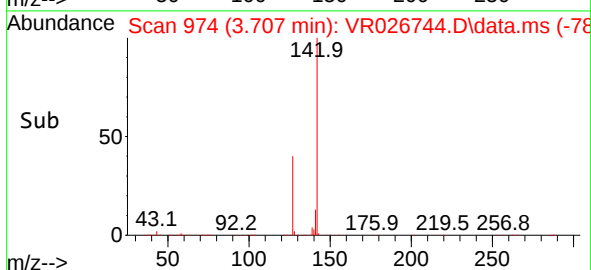
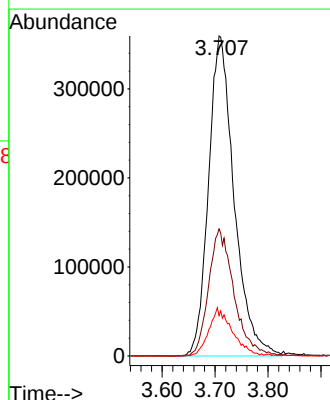
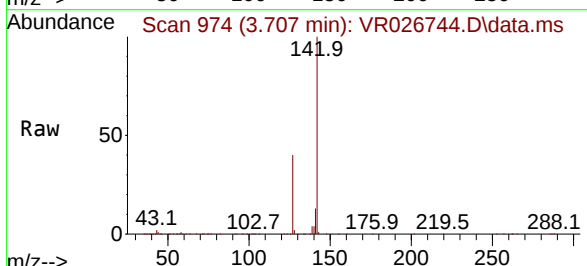
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC040

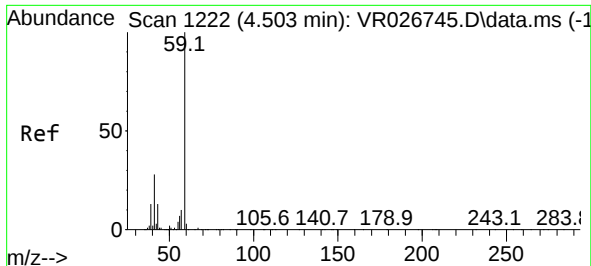
Tgt Ion:101 Resp: 1113570
Ion Ratio Lower Upper
101 100
85 44.5 35.4 53.0
151 70.6 57.2 85.8



#10
Methyl Iodide
Concen: 40.886 ug/l
RT: 3.707 min Scan# 974
Delta R.T. 0.003 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

Tgt Ion:142 Resp: 1206238
Ion Ratio Lower Upper
142 100
127 39.2 31.0 46.4
141 13.7 10.9 16.3





#11

Tert butyl alcohol

Concen: 211.727 ug/l

RT: 4.503 min Scan# 11

Delta R.T. 0.000 min

Lab File: VR026744.D

Acq: 20 Aug 2025 16:18

Instrument :

MSVOA_R

ClientSampleId :

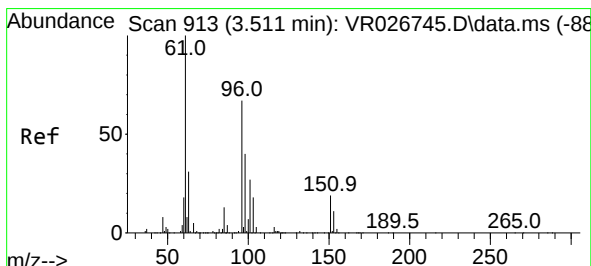
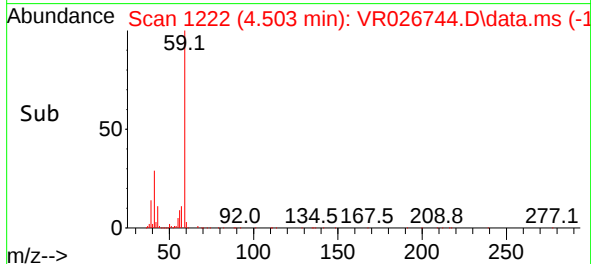
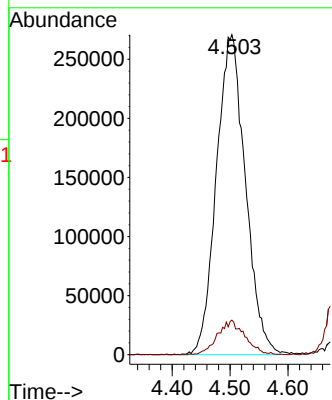
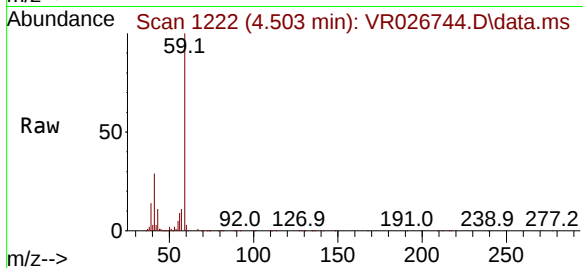
VSTDICC040

Tgt Ion: 59 Resp: 942090

Ion Ratio Lower Upper

59 100

57 10.1 3.8 5.8#



#12

1,1-Dichloroethene

Concen: 41.179 ug/l

RT: 3.515 min Scan# 914

Delta R.T. 0.003 min

Lab File: VR026744.D

Acq: 20 Aug 2025 16:18

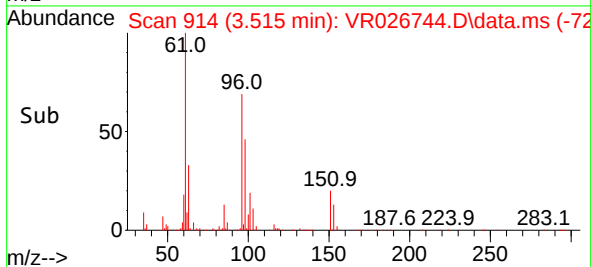
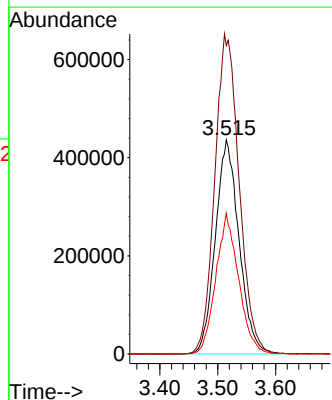
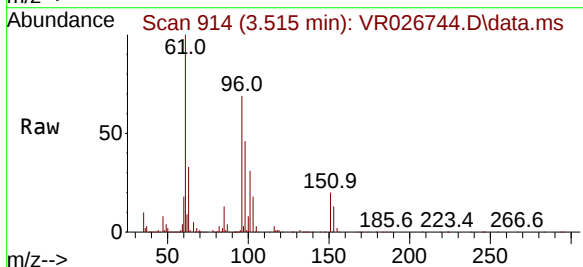
Tgt Ion: 96 Resp: 1240468

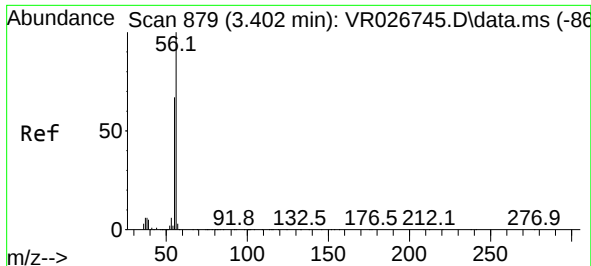
Ion Ratio Lower Upper

96 100

61 144.0 118.7 178.1

98 65.7 47.7 71.5

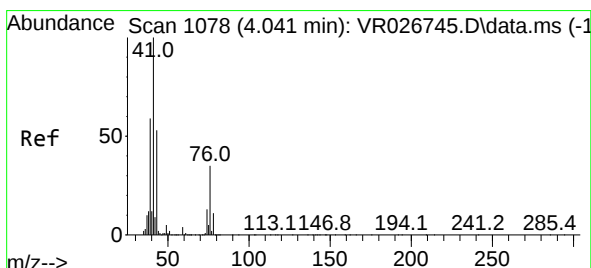
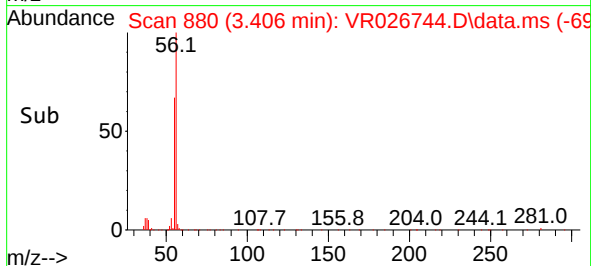
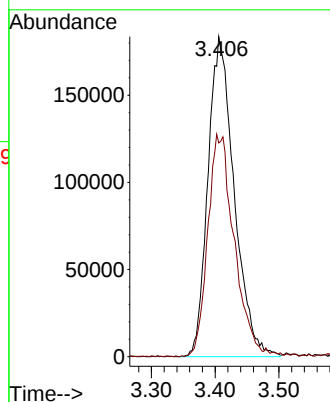
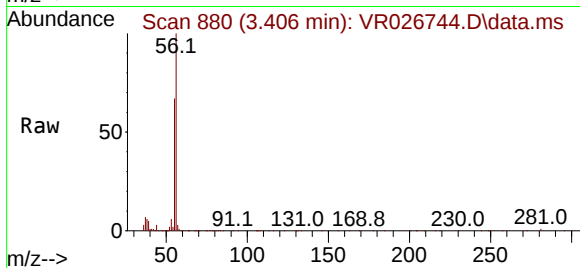




#13
Acrolein
Concen: 193.973 ug/l
RT: 3.406 min Scan# 879
Delta R.T. 0.004 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

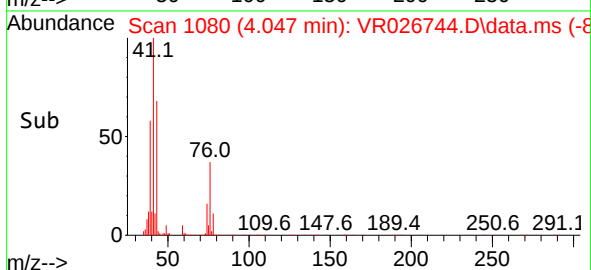
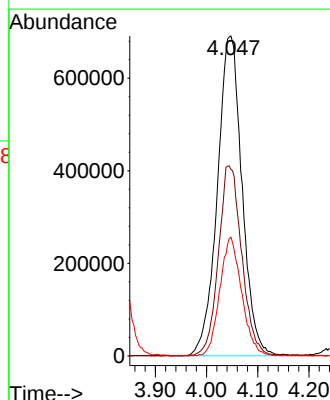
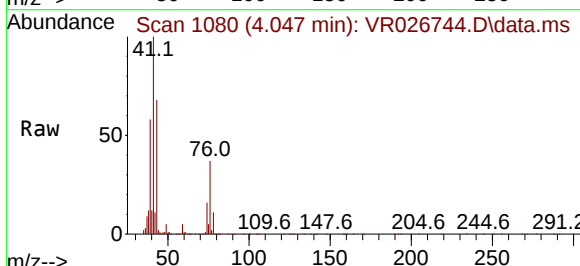
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC040

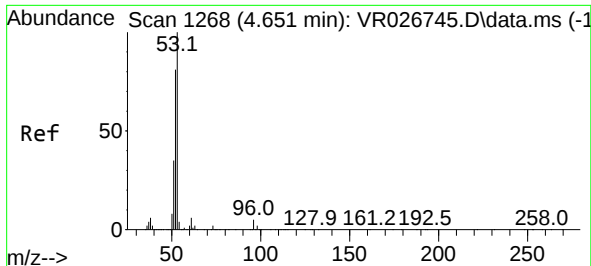
Tgt Ion: 56 Resp: 524025
Ion Ratio Lower Upper
56 100
55 69.5 56.9 85.3



#14
Allyl chloride
Concen: 41.650 ug/l
RT: 4.047 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

Tgt Ion: 41 Resp: 2312193
Ion Ratio Lower Upper
41 100
39 56.2 45.8 68.6
76 32.8 26.4 39.6





#15

Acrylonitrile

Concen: 210.310 ug/l

RT: 4.654 min Scan# 11

Delta R.T. 0.003 min

Lab File: VR026744.D

Acq: 20 Aug 2025 16:18

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC040

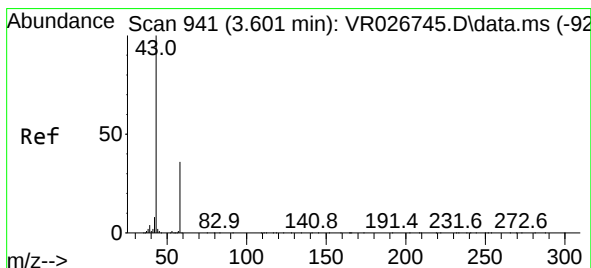
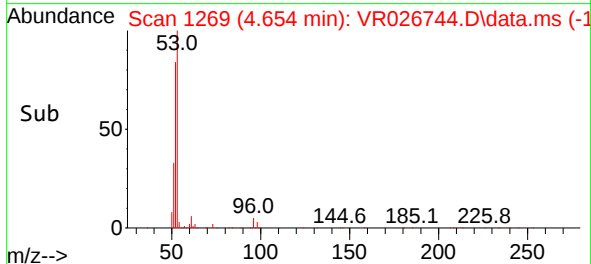
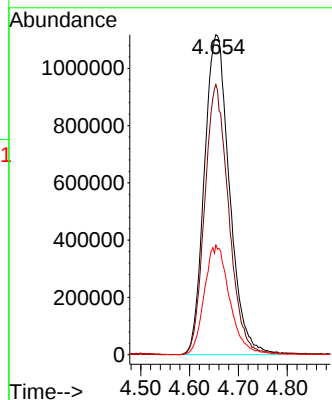
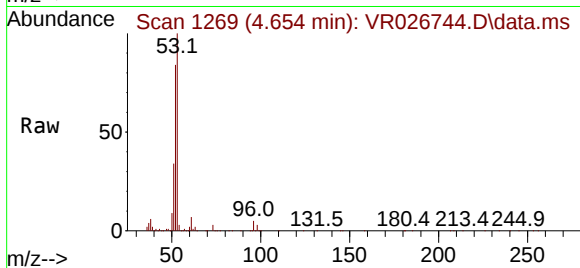
Tgt Ion: 53 Resp: 4002222

Ion Ratio Lower Upper

53 100

52 80.8 65.7 98.5

51 14.5 28.4 42.6#



#16

Acetone

Concen: 190.666 ug/l

RT: 3.605 min Scan# 942

Delta R.T. 0.004 min

Lab File: VR026744.D

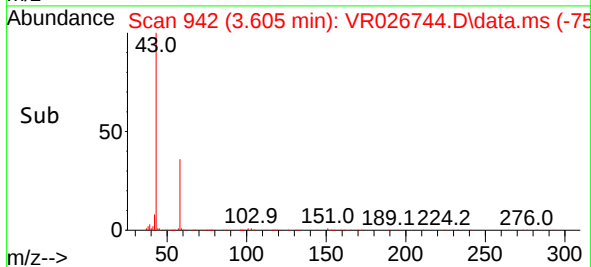
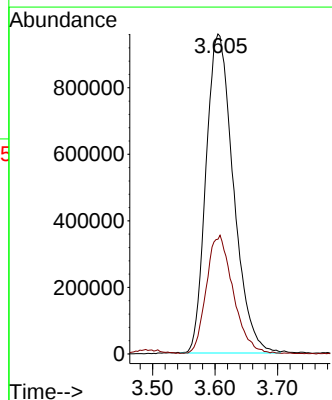
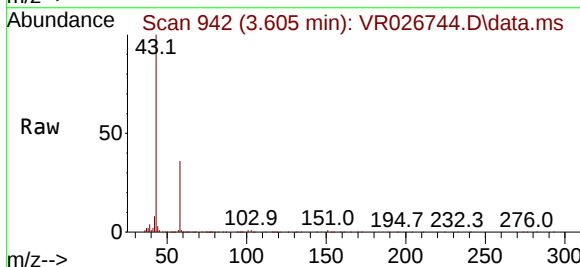
Acq: 20 Aug 2025 16:18

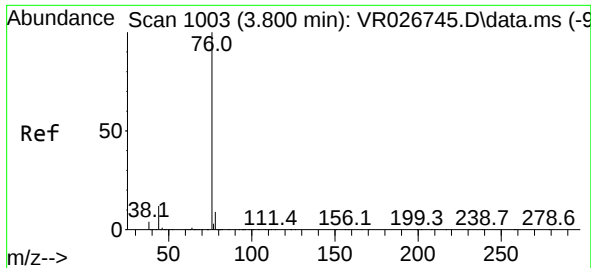
Tgt Ion: 43 Resp: 2921132

Ion Ratio Lower Upper

43 100

58 35.7 28.6 43.0

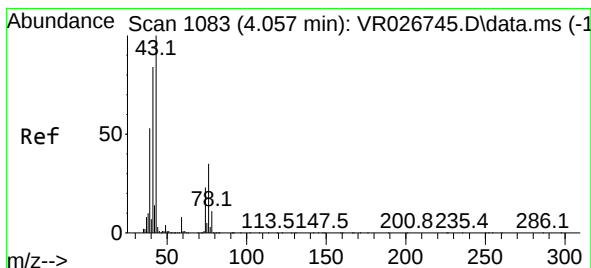
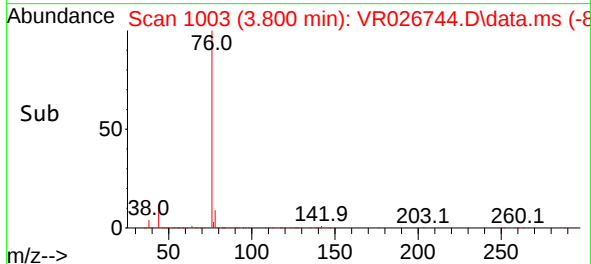
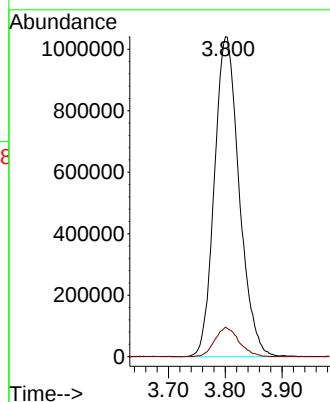
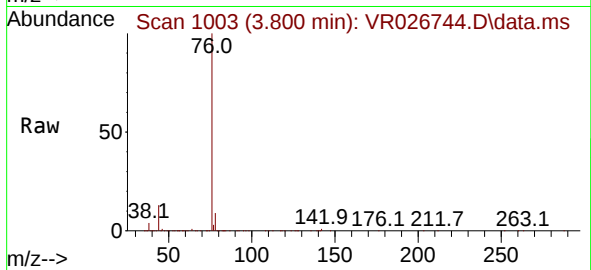




#17
Carbon Disulfide
Concen: 43.145 ug/l
RT: 3.800 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

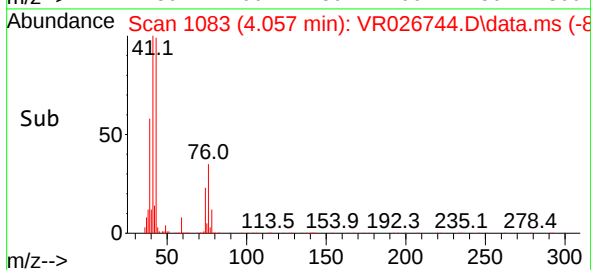
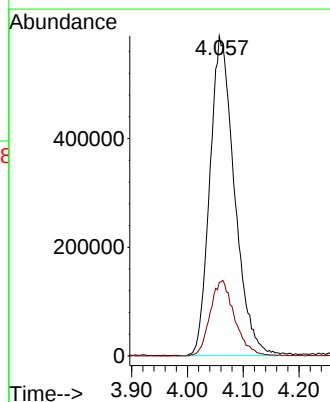
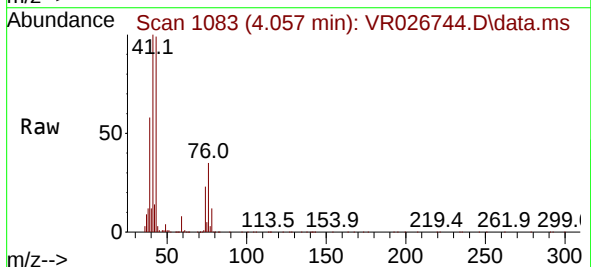
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC040

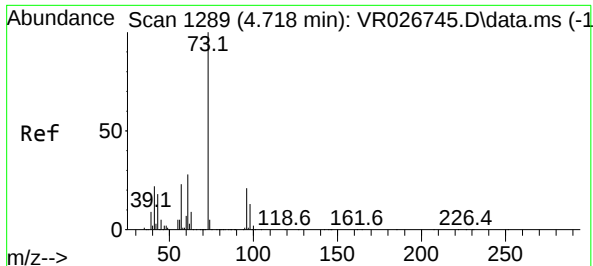
Tgt Ion: 76 Resp: 3156524
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 40.482 ug/l
RT: 4.057 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

Tgt Ion: 43 Resp: 1806774
Ion Ratio Lower Upper
43 100
74 23.5 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 42.009 ug/l

RT: 4.715 min Scan# 11

Delta R.T. -0.003 min

Lab File: VR026744.D

Acq: 20 Aug 2025 16:18

Instrument :

MSVOA_R

ClientSampleId :

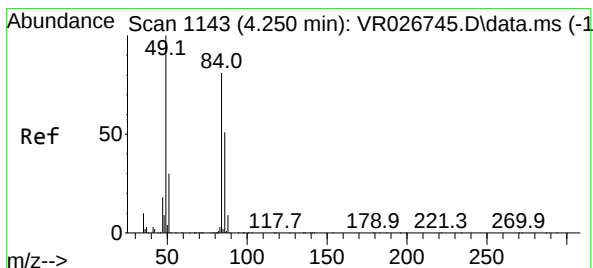
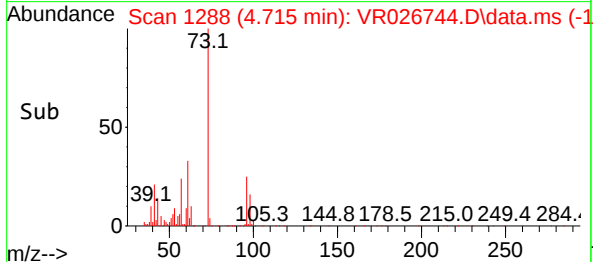
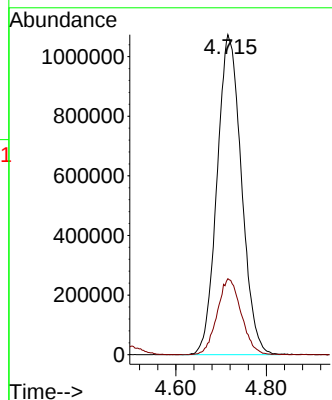
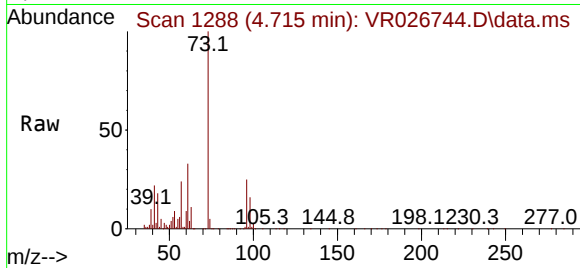
VSTDICC040

Tgt Ion: 73 Resp: 4013632

Ion Ratio Lower Upper

73 100

57 23.7 18.2 27.2



#20

Methylene Chloride

Concen: 39.683 ug/l

RT: 4.253 min Scan# 1144

Delta R.T. 0.003 min

Lab File: VR026744.D

Acq: 20 Aug 2025 16:18

Tgt Ion: 84 Resp: 1297099

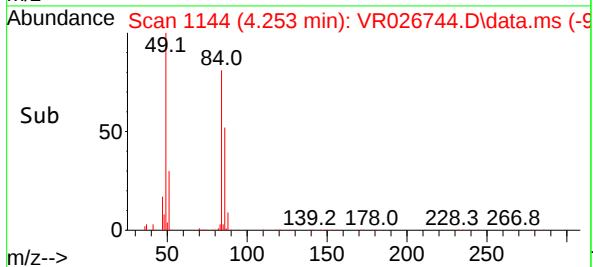
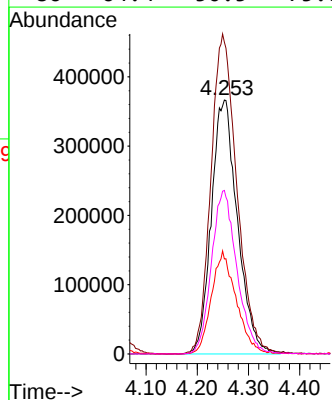
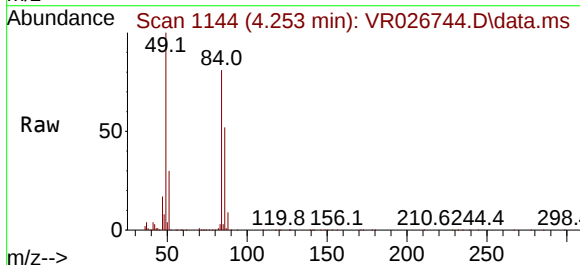
Ion Ratio Lower Upper

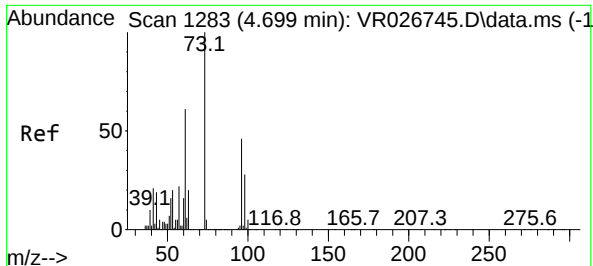
84 100

49 122.8 98.8 148.2

51 37.4 29.4 44.2

86 64.4 50.5 75.7

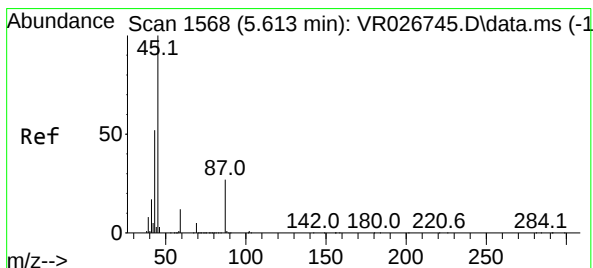
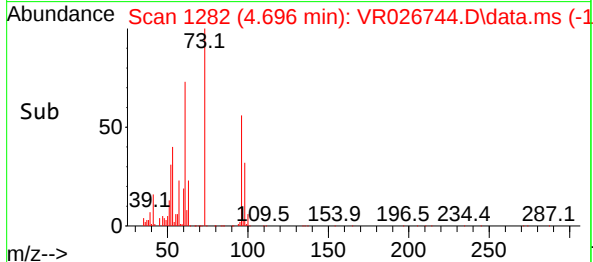
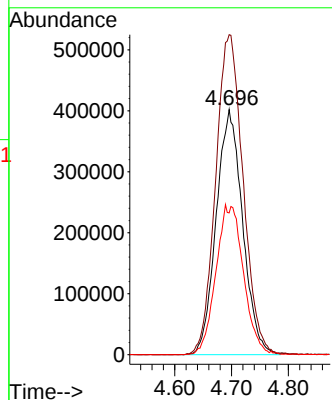
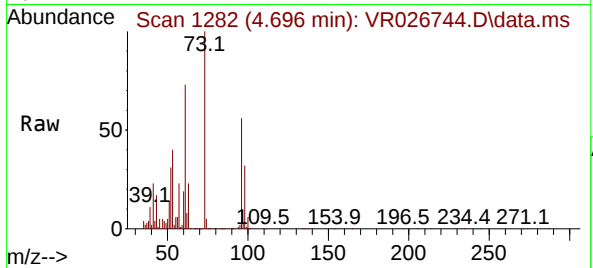




#21
trans-1,2-Dichloroethene
Concen: 41.203 ug/l
RT: 4.696 min Scan# 11
Delta R.T. -0.003 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

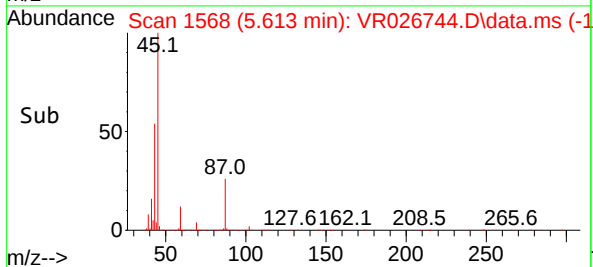
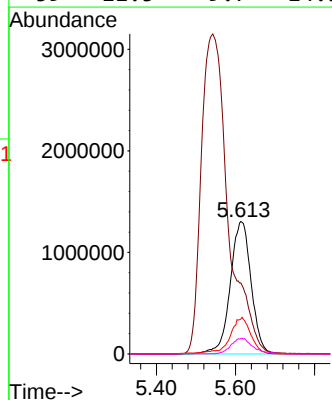
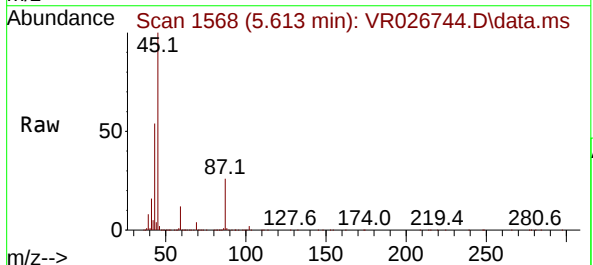
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC040

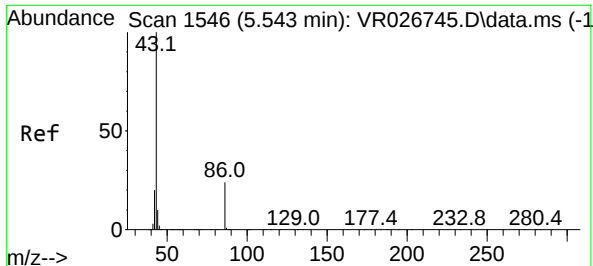
Tgt Ion: 96 Resp: 1297737
Ion Ratio Lower Upper
96 100
61 130.5 107.1 160.7
98 57.8 49.7 74.5



#22
Diisopropyl ether
Concen: 41.884 ug/l
RT: 5.613 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

Tgt Ion: 45 Resp: 4783564
Ion Ratio Lower Upper
45 100
43 53.6 41.8 62.8
87 26.3 21.7 32.5
59 11.5 9.7 14.5





#23

Vinyl Acetate

Concen: 205.790 ug/l

RT: 5.543 min Scan# 11

Delta R.T. -0.000 min

Lab File: VR026744.D

Acq: 20 Aug 2025 16:18

Instrument :

MSVOA_R

ClientSampleId :

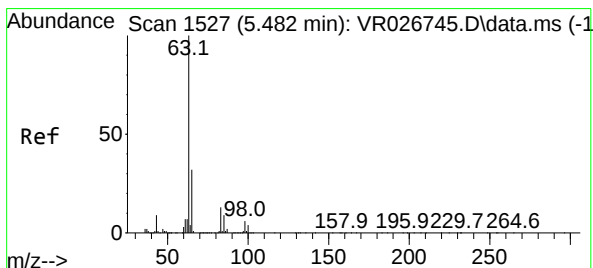
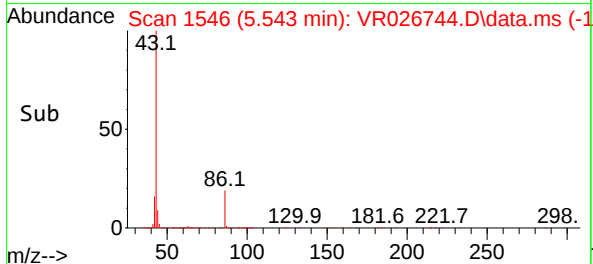
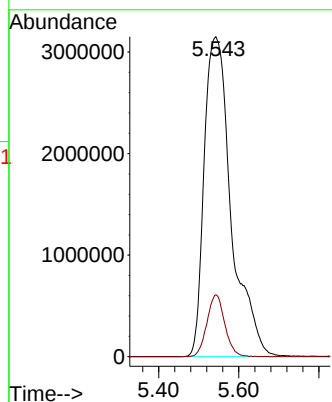
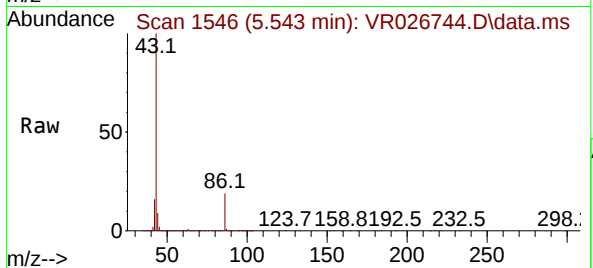
VSTDIC040

Tgt Ion: 43 Resp:14804163

Ion Ratio Lower Upper

43 100

86 19.3 18.9 28.3



#24

1,1-Dichloroethane

Concen: 40.941 ug/l

RT: 5.482 min Scan# 1527

Delta R.T. 0.000 min

Lab File: VR026744.D

Acq: 20 Aug 2025 16:18

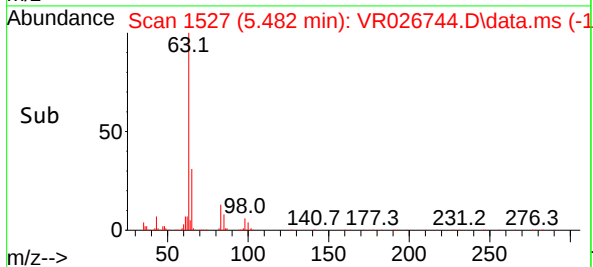
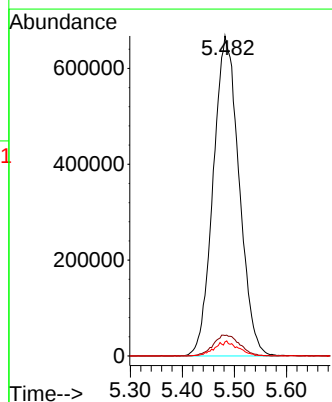
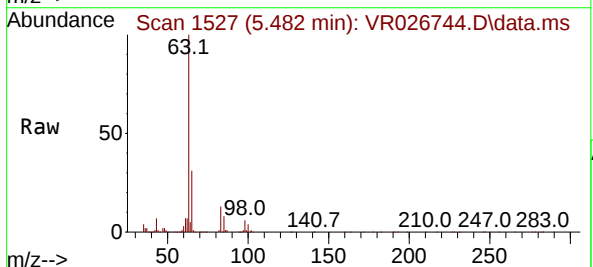
Tgt Ion: 63 Resp: 2300966

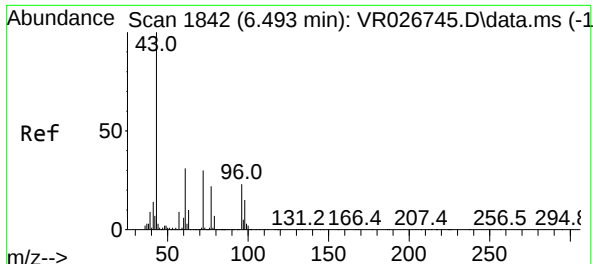
Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.3

100 4.4 2.1 6.2

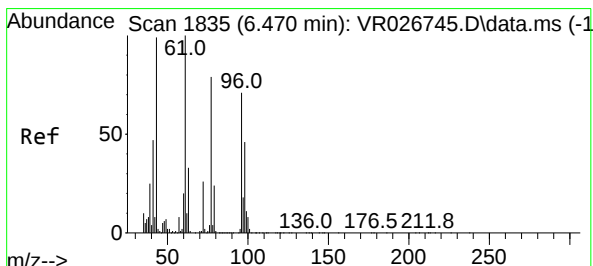
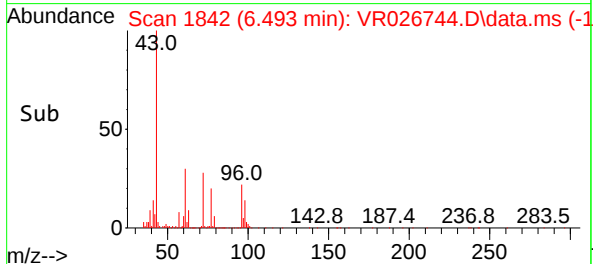
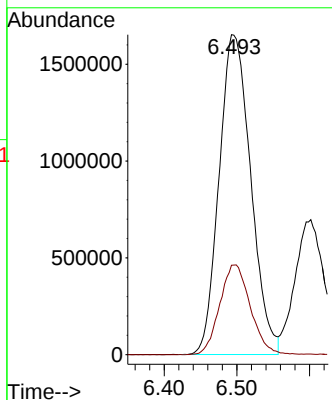
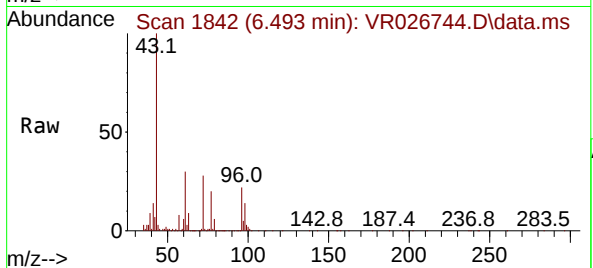




#25
2-Butanone
Concen: 210.541 ug/l
RT: 6.493 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

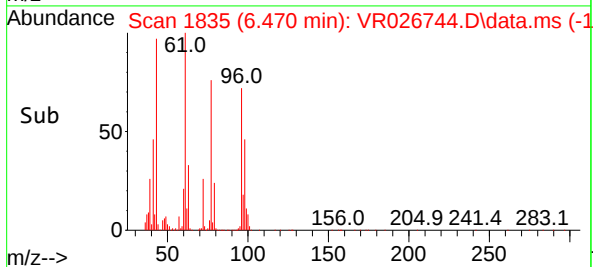
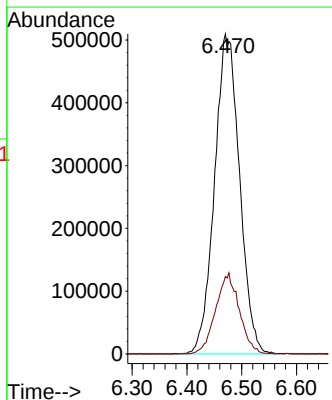
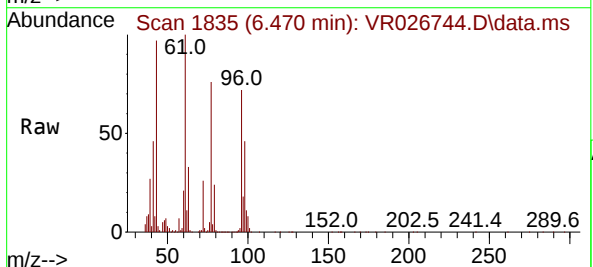
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC040

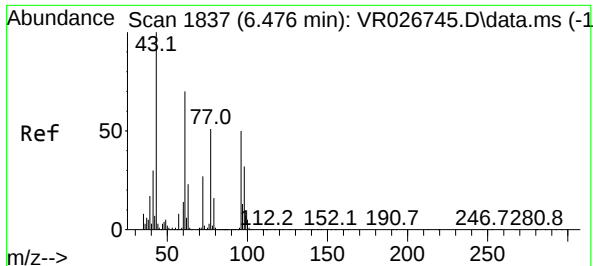
Tgt Ion: 43 Resp: 5008247
Ion Ratio Lower Upper
43 100
72 28.0 23.8 35.8



#26
2,2-Dichloropropane
Concen: 41.943 ug/l
RT: 6.470 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

Tgt Ion: 77 Resp: 1614929
Ion Ratio Lower Upper
77 100
97 23.9 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 41.714 ug/l

RT: 6.477 min Scan# 1837

Delta R.T. 0.001 min

Lab File: VR026744.D

Acq: 20 Aug 2025 16:18

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC040

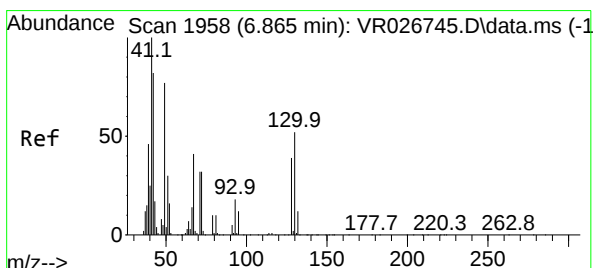
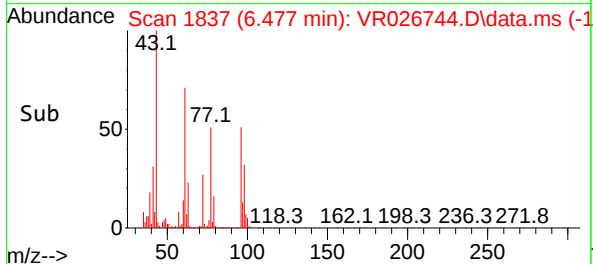
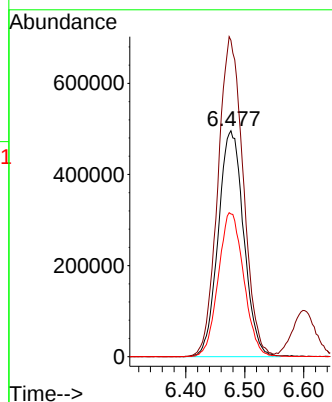
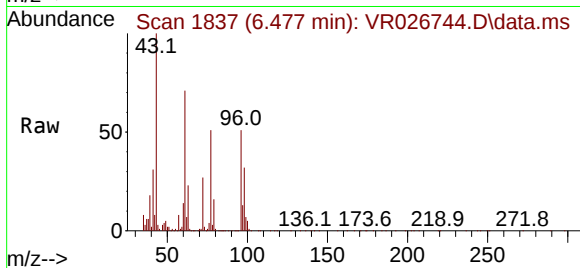
Tgt Ion: 96 Resp: 1487000

Ion Ratio Lower Upper

96 100

61 141.3 0.0 280.6

98 63.8 0.0 127.6



#28

Bromochloromethane

Concen: 37.219 ug/l

RT: 6.858 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VR026744.D

Acq: 20 Aug 2025 16:18

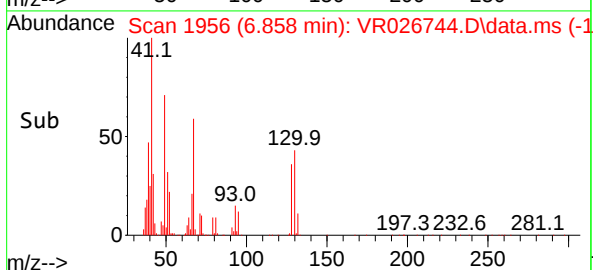
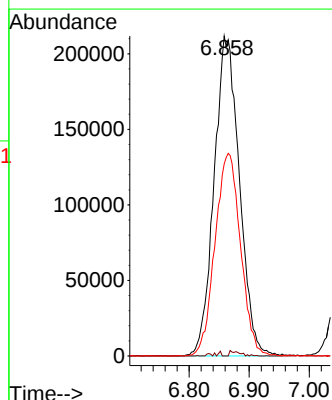
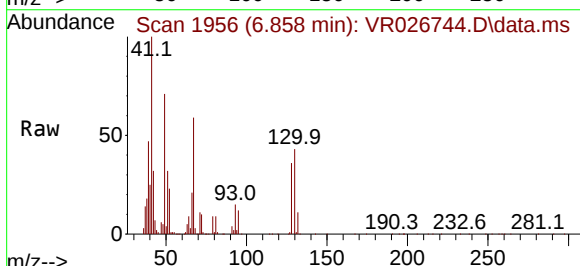
Tgt Ion: 49 Resp: 619093

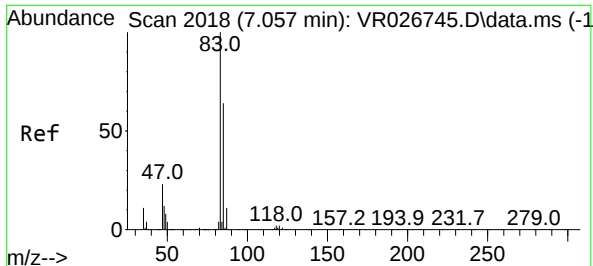
Ion Ratio Lower Upper

49 100

129 0.2 0.0 1.6

130 0.0 53.4 80.2#





#29

Chloroform

Concen: 41.049 ug/l

RT: 7.057 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VR026744.D

Acq: 20 Aug 2025 16:18

Instrument :

MSVOA_R

ClientSampleId :

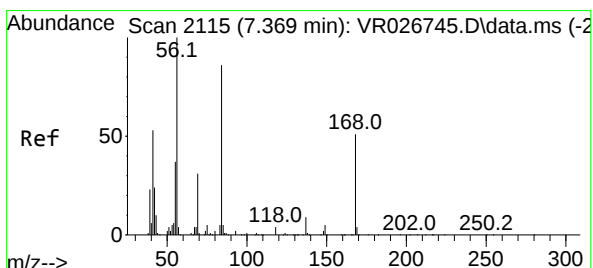
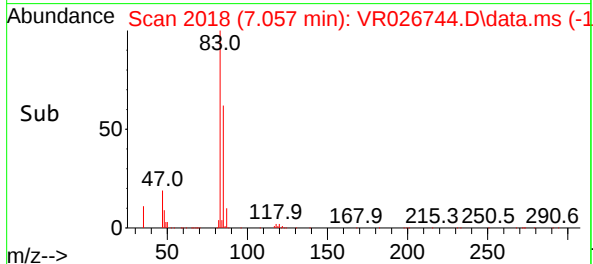
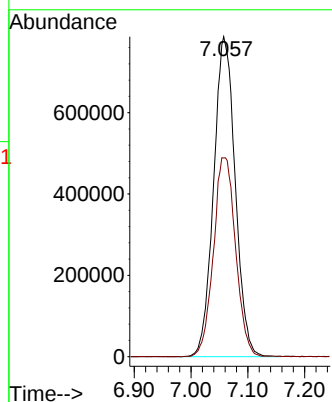
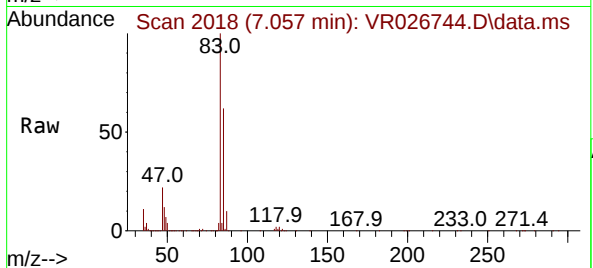
VSTDIC040

Tgt Ion: 83 Resp: 2072807

Ion Ratio Lower Upper

83 100

85 62.1 51.5 77.3



#30

Cyclohexane

Concen: 39.600 ug/l

RT: 7.369 min Scan# 2115

Delta R.T. 0.000 min

Lab File: VR026744.D

Acq: 20 Aug 2025 16:18

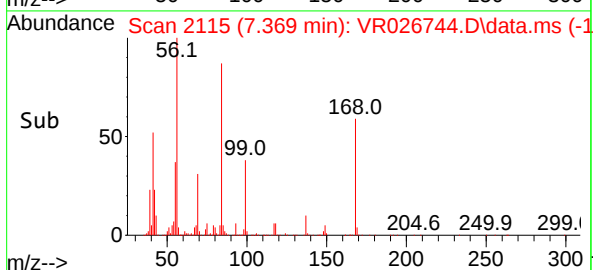
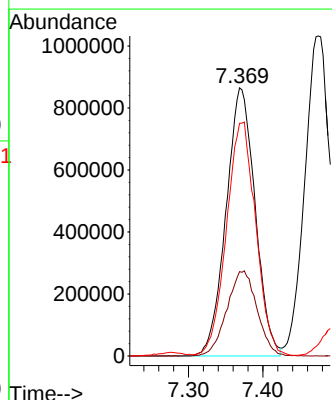
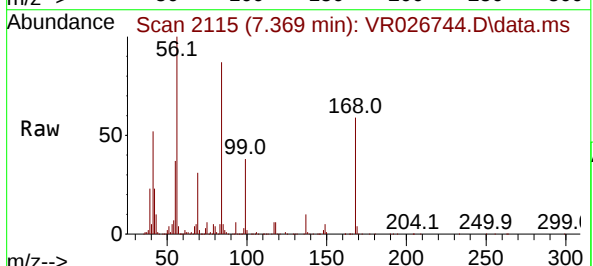
Tgt Ion: 56 Resp: 2347015

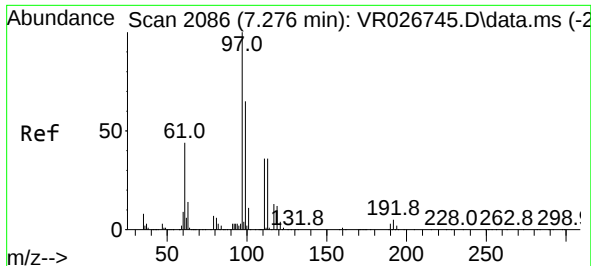
Ion Ratio Lower Upper

56 100

69 31.5 24.6 37.0

84 85.7 68.7 103.1

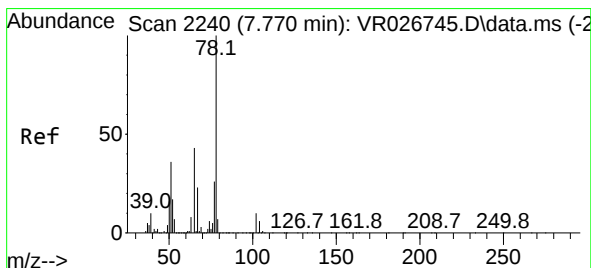
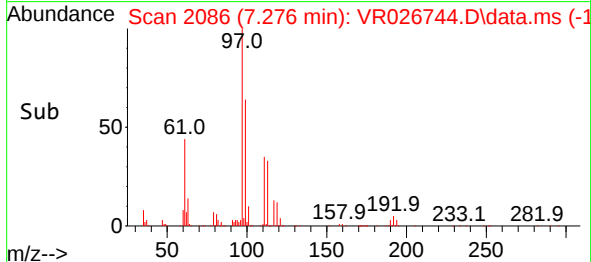
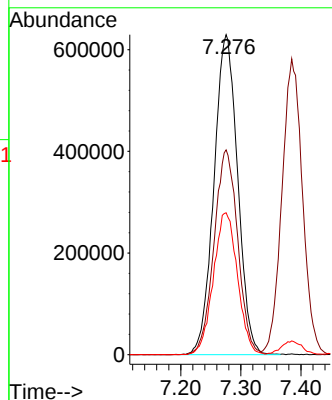
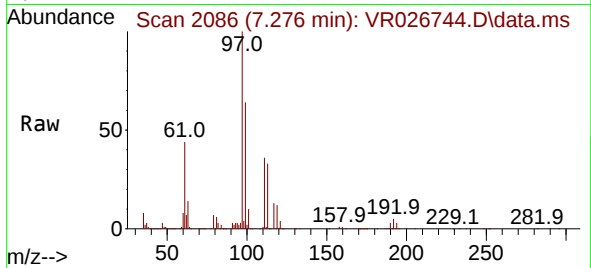




#31
1,1,1-Trichloroethane
Concen: 42.015 ug/l
RT: 7.276 min Scan# 2086
Delta R.T. 0.000 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

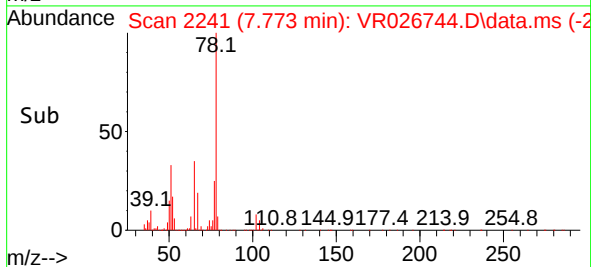
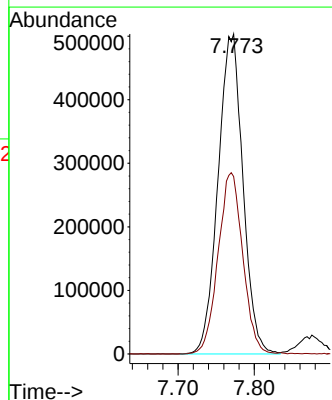
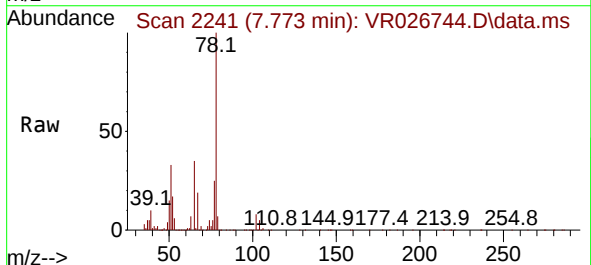
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC040

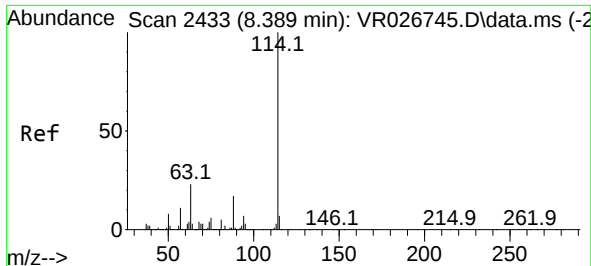
Tgt Ion: 97 Resp: 1722733
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 45.2 35.0 52.4



#32
1,2-Dichloroethane-d4
Concen: 39.451 ug/l
RT: 7.773 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

Tgt Ion: 65 Resp: 1141843
Ion Ratio Lower Upper
65 100
67 56.2 0.0 111.4

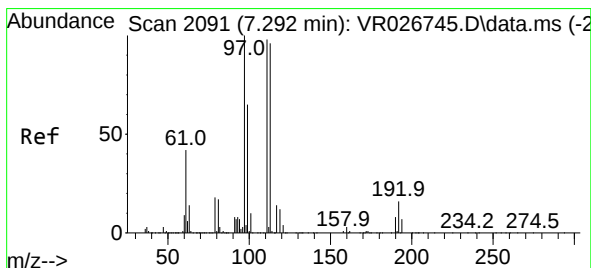
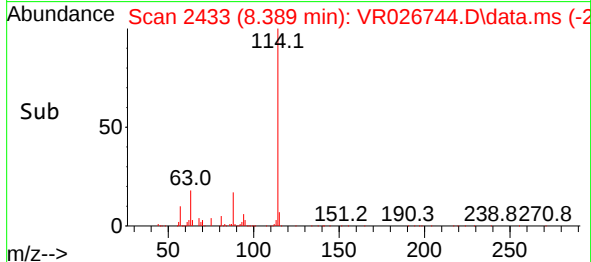
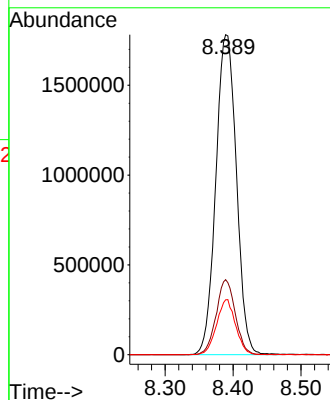
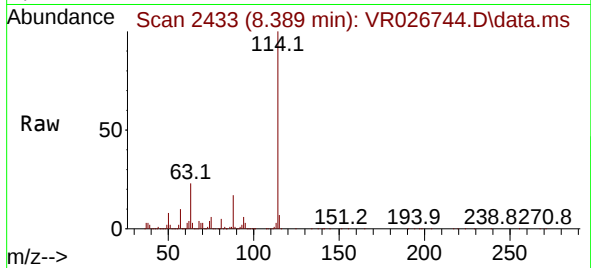




#33
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.389 min Scan# 2433
Delta R.T. 0.000 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

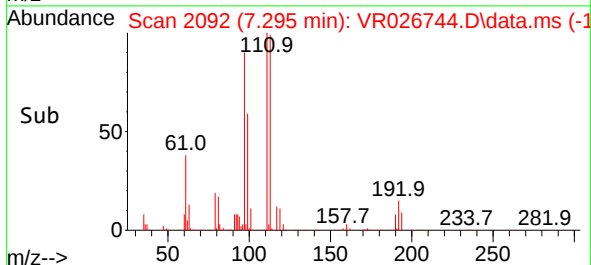
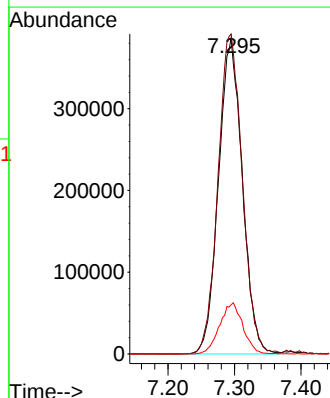
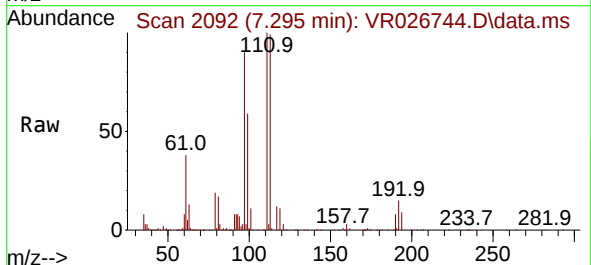
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC040

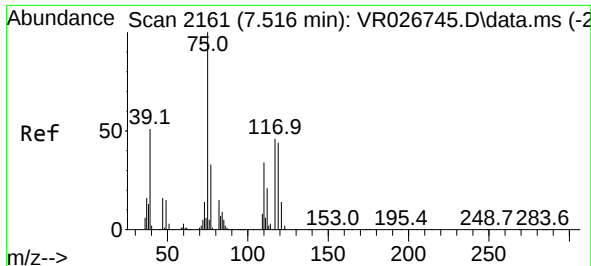
Tgt Ion:114 Resp: 3748896
Ion Ratio Lower Upper
114 100
63 23.4 0.0 45.8
88 17.1 0.0 34.8



#34
Dibromofluoromethane
Concen: 39.223 ug/l
RT: 7.295 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

Tgt Ion:113 Resp: 959036
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 15.8 12.9 19.3

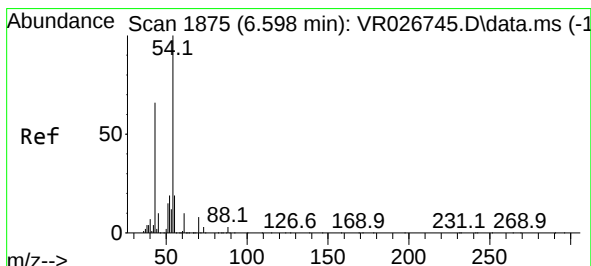
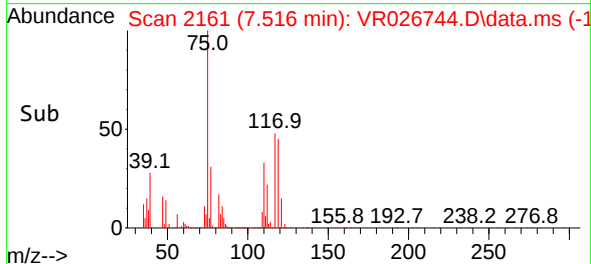
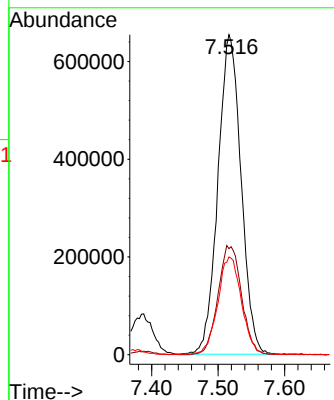
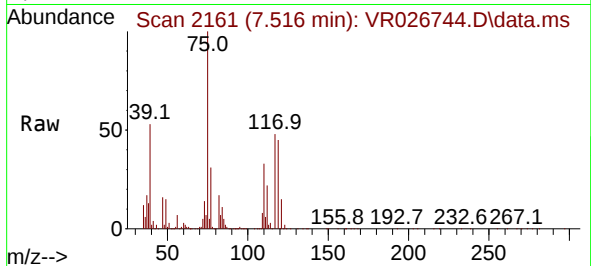




#35
1,1-Dichloropropene
Concen: 41.443 ug/l
RT: 7.516 min Scan# 2161
Delta R.T. 0.000 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

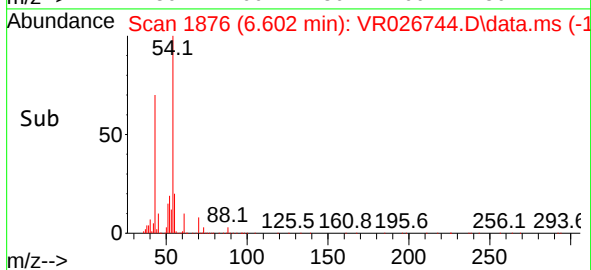
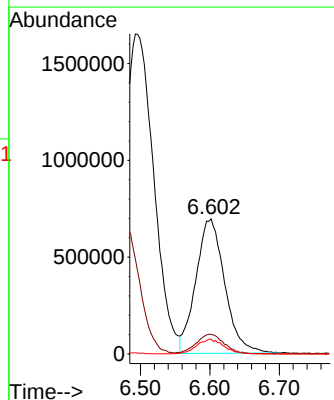
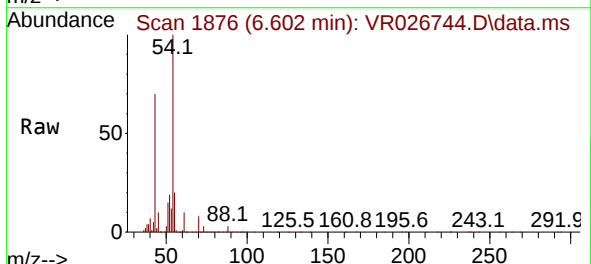
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC040

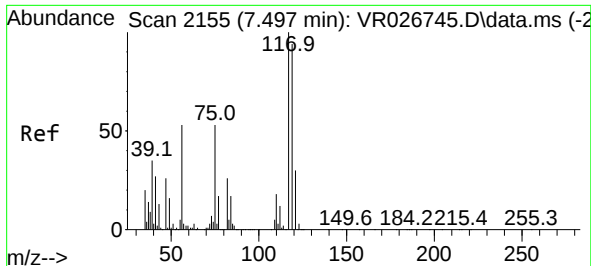
Tgt Ion: 75 Resp: 1578027
Ion Ratio Lower Upper
75 100
110 34.8 17.3 52.0
77 31.4 25.1 37.7



#36
Ethyl Acetate
Concen: 41.113 ug/l
RT: 6.602 min Scan# 1876
Delta R.T. 0.003 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

Tgt Ion: 43 Resp: 2006497
Ion Ratio Lower Upper
43 100
61 14.2 11.4 17.2
70 10.2 8.4 12.6

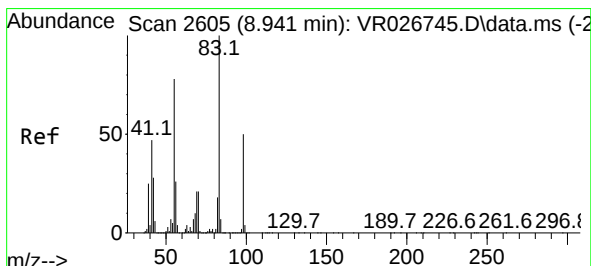
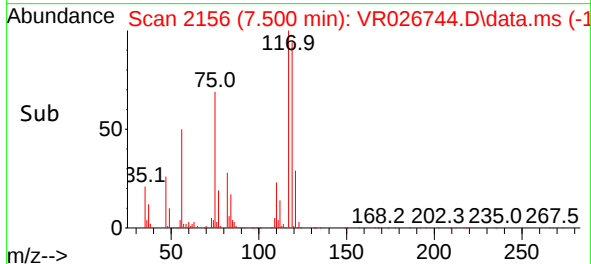
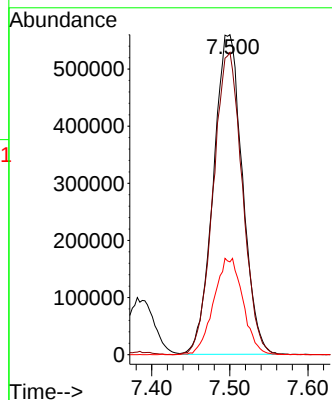
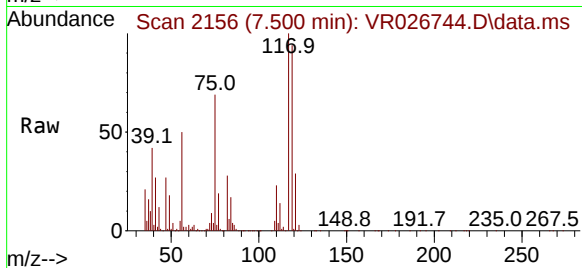




#37
Carbon Tetrachloride
Concen: 42.193 ug/l
RT: 7.500 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

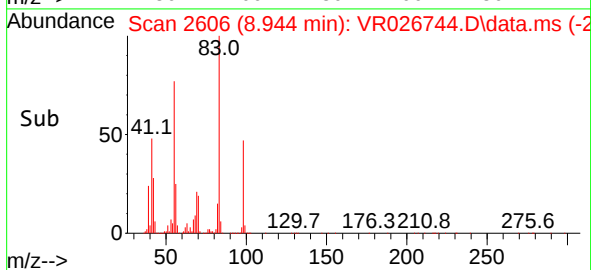
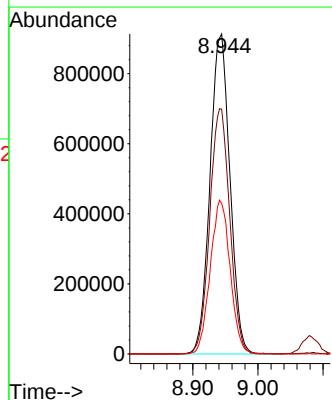
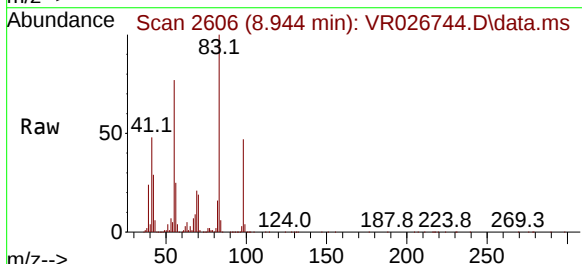
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC040

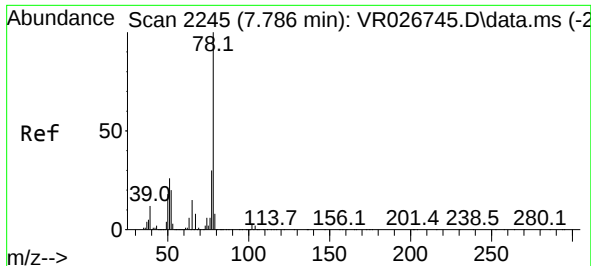
Tgt Ion:117 Resp: 1445729
Ion Ratio Lower Upper
117 100
119 94.3 75.1 112.7
121 29.0 24.2 36.2



#38
Methylcyclohexane
Concen: 40.800 ug/l
RT: 8.944 min Scan# 2606
Delta R.T. 0.003 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

Tgt Ion: 83 Resp: 1944048
Ion Ratio Lower Upper
83 100
55 76.5 62.6 94.0
98 47.1 39.9 59.9

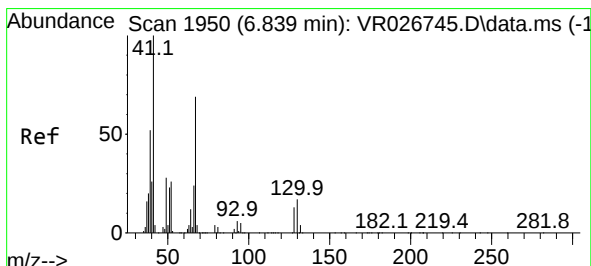
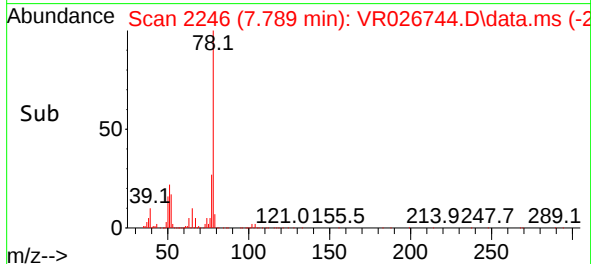
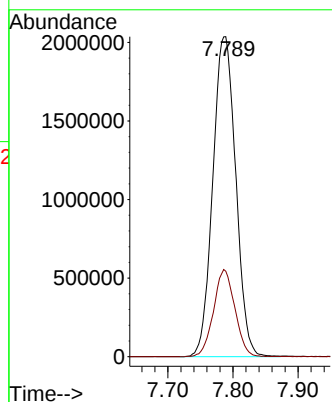
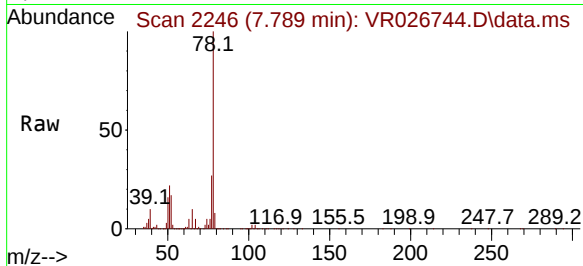




#39
Benzene
Concen: 42.607 ug/l
RT: 7.789 min Scan# 21
Delta R.T. 0.003 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

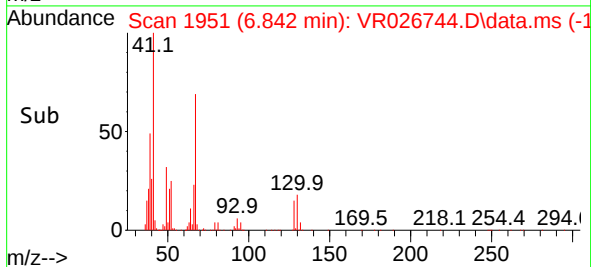
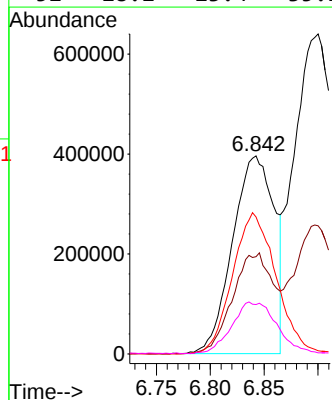
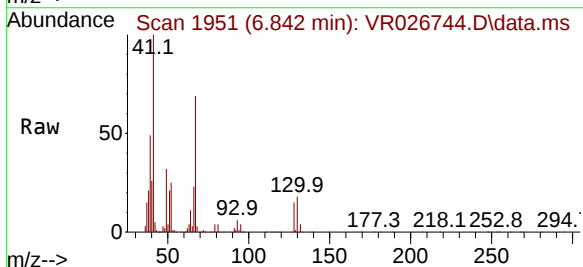
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC040

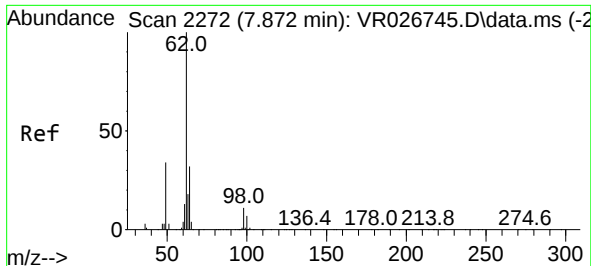
Tgt Ion: 78 Resp: 4980495
Ion Ratio Lower Upper
78 100
77 26.7 24.3 36.5



#40
Methacrylonitrile
Concen: 42.030 ug/l
RT: 6.842 min Scan# 1951
Delta R.T. 0.003 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

Tgt Ion: 41 Resp: 1067840
Ion Ratio Lower Upper
41 100
39 49.8 43.0 64.4
67 74.8 62.6 94.0
52 28.2 23.4 35.2





#41

1,2-Dichloroethane

Concen: 40.357 ug/l

RT: 7.876 min Scan# 21

Delta R.T. 0.003 min

Lab File: VR026744.D

Acq: 20 Aug 2025 16:18

Instrument :

MSVOA_R

ClientSampleId :

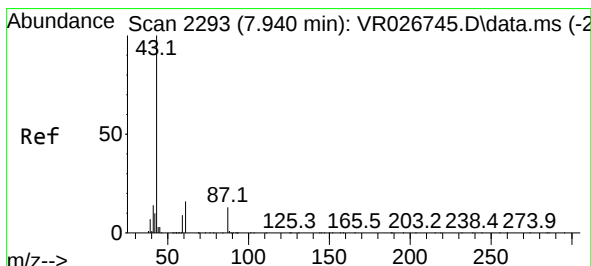
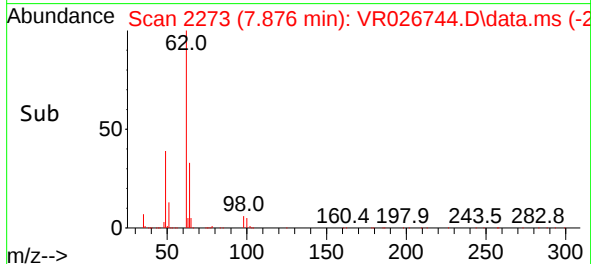
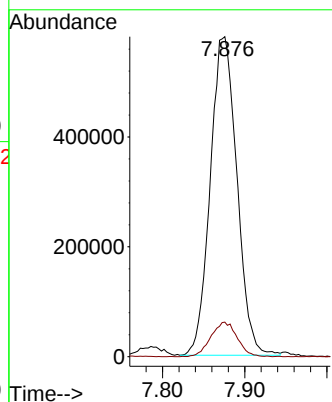
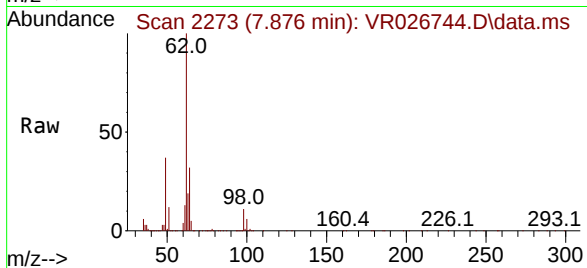
VSTDIC040

Tgt Ion: 62 Resp: 1308038

Ion Ratio Lower Upper

62 100

98 10.7 0.0 21.2



#42

Isopropyl Acetate

Concen: 43.251 ug/l

RT: 7.943 min Scan# 2294

Delta R.T. 0.003 min

Lab File: VR026744.D

Acq: 20 Aug 2025 16:18

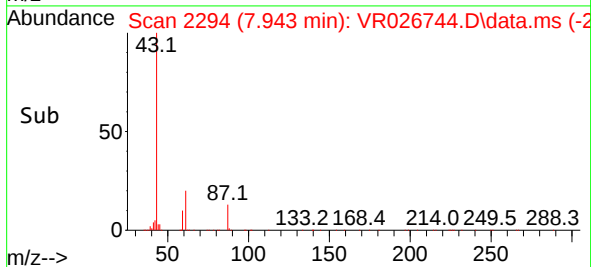
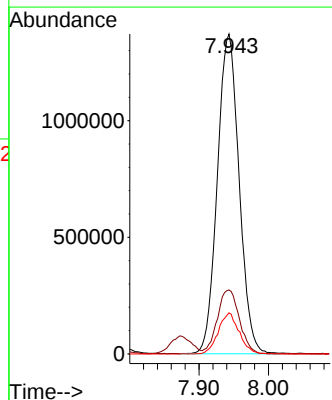
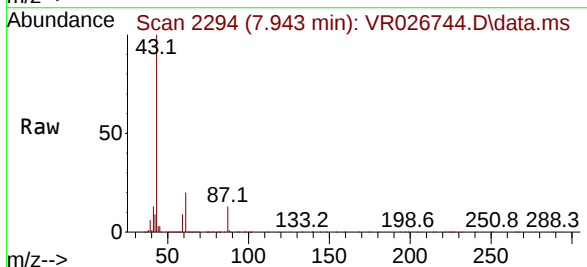
Tgt Ion: 43 Resp: 2986916

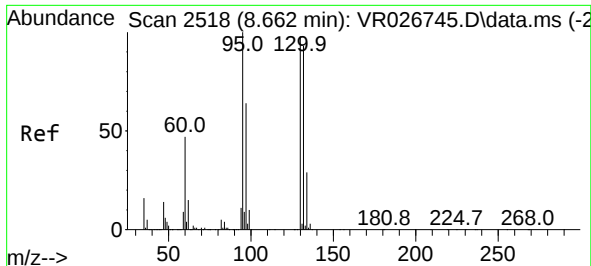
Ion Ratio Lower Upper

43 100

61 20.3 16.8 25.2

87 12.2 10.2 15.4

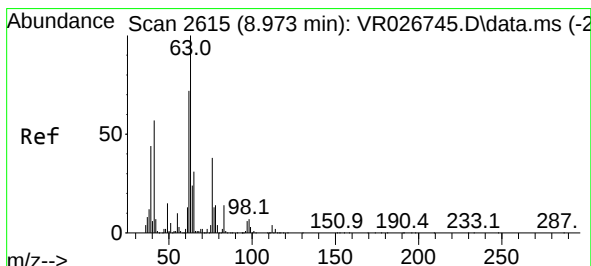
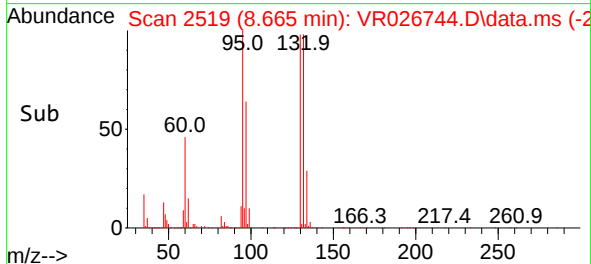
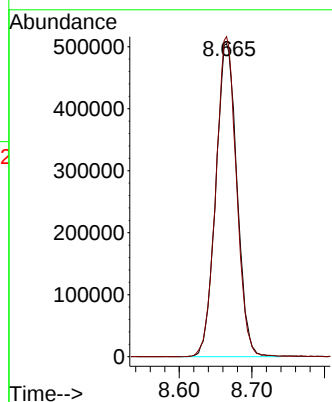
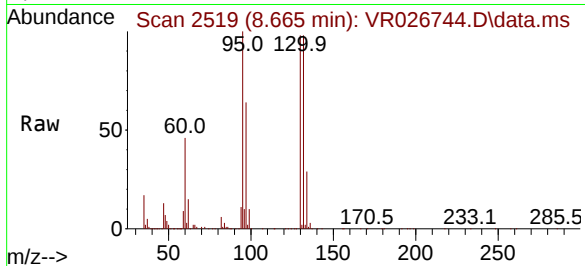




#43
Trichloroethene
Concen: 40.008 ug/l
RT: 8.665 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

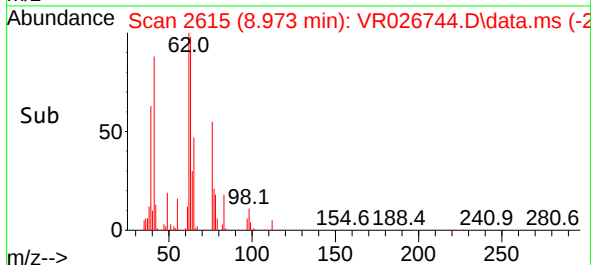
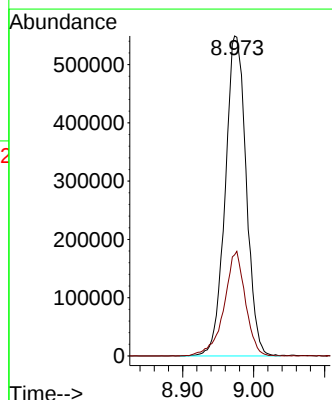
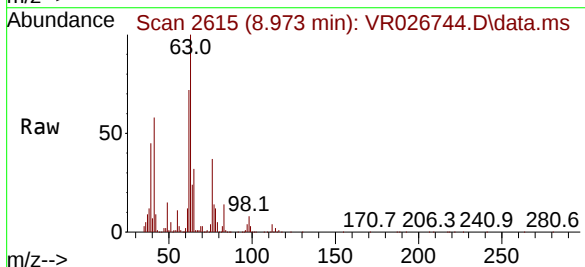
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC040

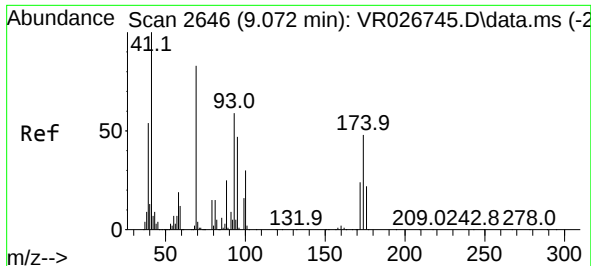
Tgt Ion:130 Resp: 1020318
Ion Ratio Lower Upper
130 100
95 102.3 0.0 203.4



#44
1,2-Dichloropropane
Concen: 40.306 ug/l
RT: 8.973 min Scan# 2615
Delta R.T. 0.000 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

Tgt Ion: 63 Resp: 1127958
Ion Ratio Lower Upper
63 100
65 31.5 24.8 37.2

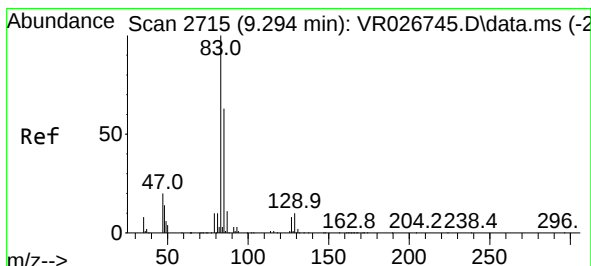
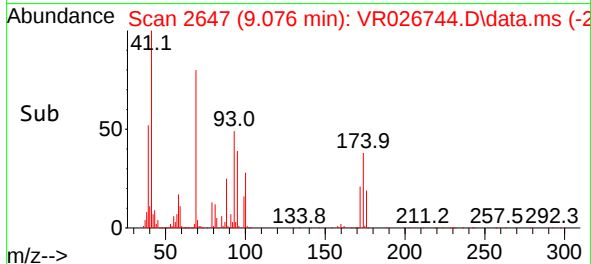
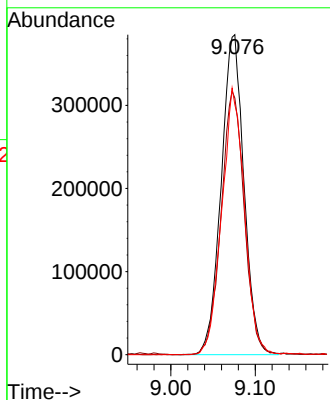
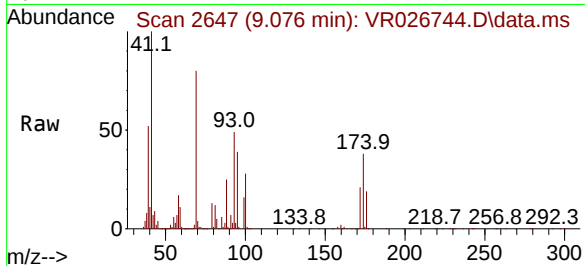




#45
Dibromomethane
Concen: 40.485 ug/l
RT: 9.076 min Scan# 21
Delta R.T. 0.003 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

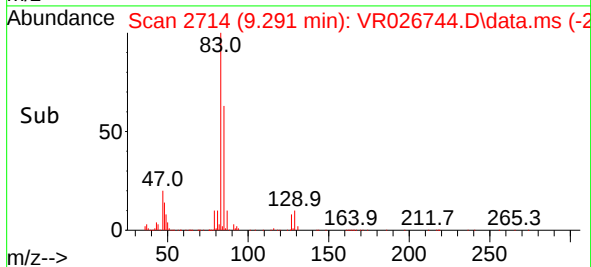
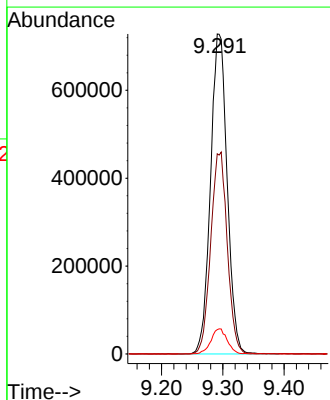
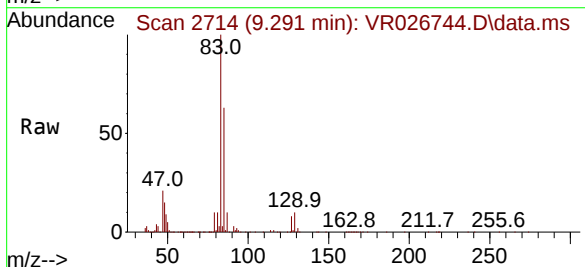
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC040

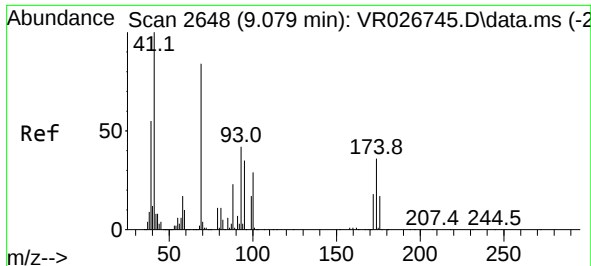
Tgt Ion: 93 Resp: 719713
Ion Ratio Lower Upper
93 100
95 83.7 65.4 98.0
174 83.1 66.5 99.7



#46
Bromodichloromethane
Concen: 41.535 ug/l
RT: 9.291 min Scan# 2714
Delta R.T. -0.003 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

Tgt Ion: 83 Resp: 1374434
Ion Ratio Lower Upper
83 100
85 62.5 50.8 76.2
127 7.6 6.0 9.0





#47

Methyl methacrylate

Concen: 42.757 ug/l

RT: 9.079 min Scan# 2

Delta R.T. 0.000 min

Lab File: VR026744.D

Acq: 20 Aug 2025 16:18

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC040

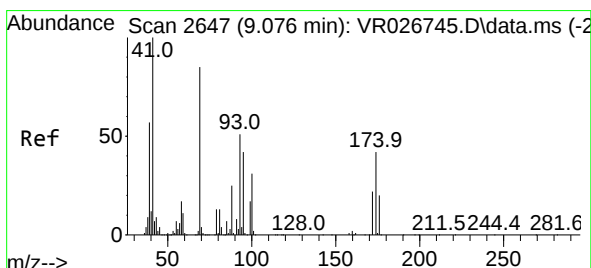
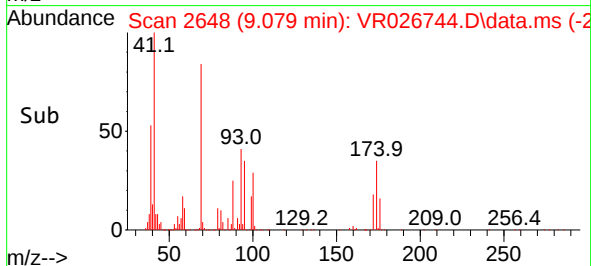
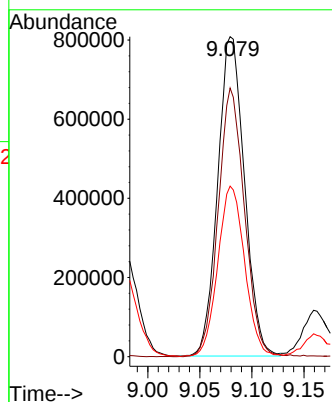
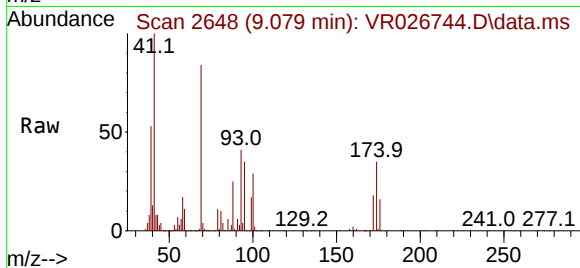
Tgt Ion: 41 Resp: 1441217

Ion Ratio Lower Upper

41 100

69 82.5 66.5 99.7

39 53.6 43.3 64.9



#48

1,4-Dioxane

Concen: 898.839 ug/l

RT: 9.079 min Scan# 2648

Delta R.T. 0.003 min

Lab File: VR026744.D

Acq: 20 Aug 2025 16:18

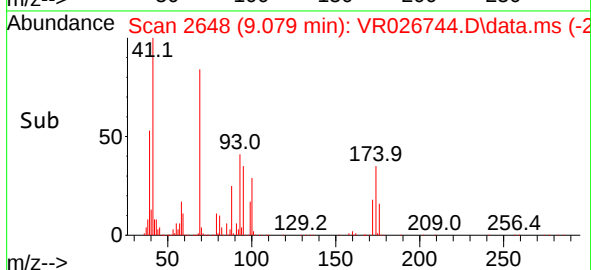
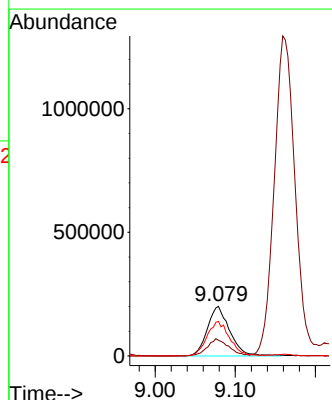
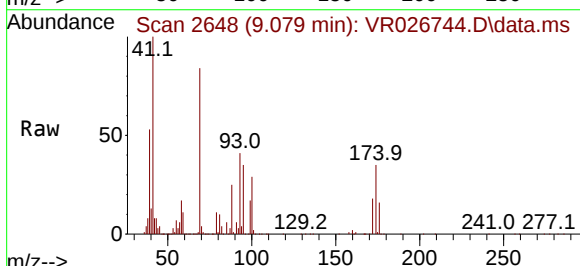
Tgt Ion: 88 Resp: 389211

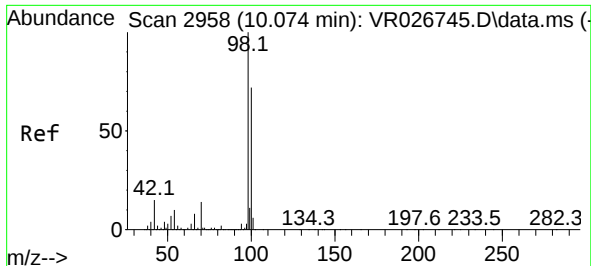
Ion Ratio Lower Upper

88 100

43 32.7 27.1 40.7

58 70.0 55.9 83.9

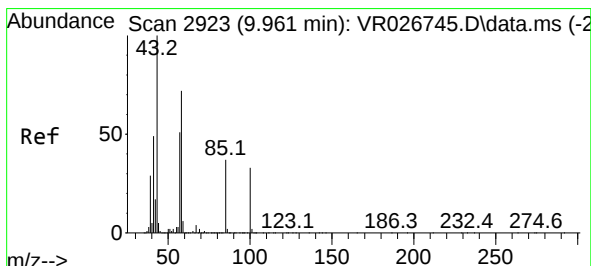
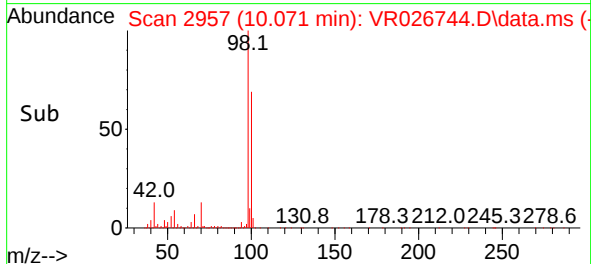
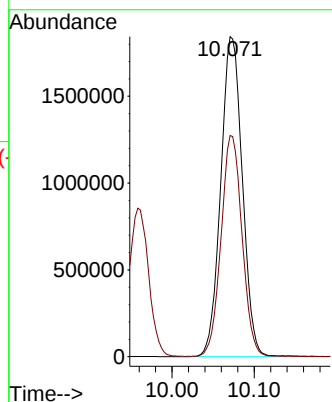
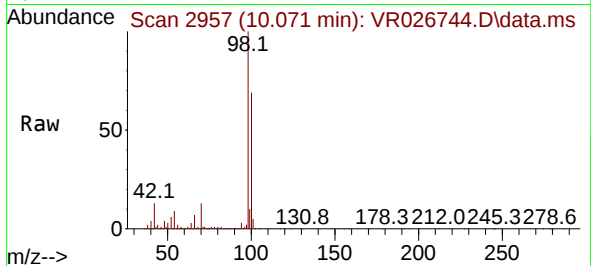




#49
Toluene-d8
Concen: 41.002 ug/l
RT: 10.071 min Scan# 2958
Delta R.T. -0.003 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

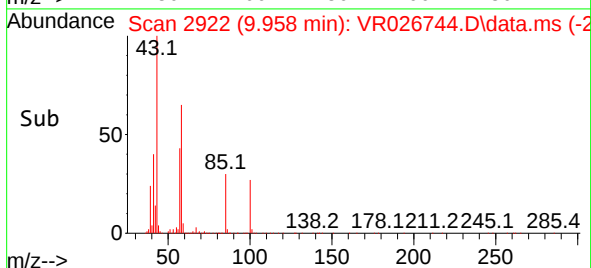
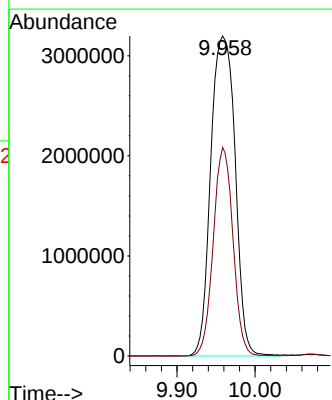
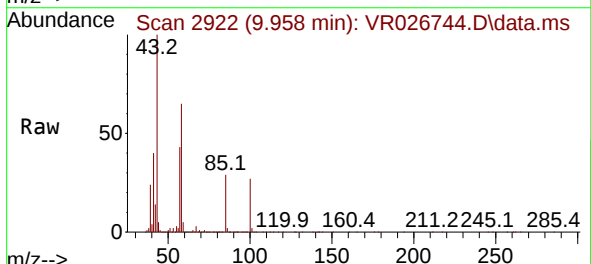
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC040

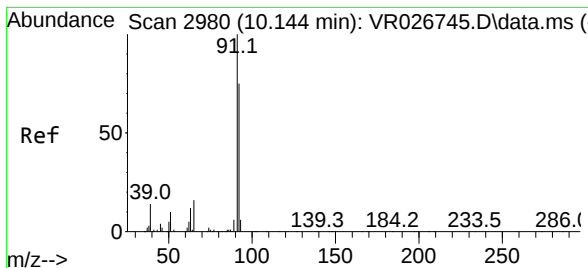
Tgt Ion: 98 Resp: 3360915
Ion Ratio Lower Upper
98 100
100 67.1 55.7 83.5



#50
4-Methyl-2-Pentanone
Concen: 206.998 ug/l
RT: 9.958 min Scan# 2922
Delta R.T. -0.003 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

Tgt Ion: 43 Resp: 6938913
Ion Ratio Lower Upper
43 100
58 52.8 46.8 70.2





#51

Toluene

Concen: 41.754 ug/l

RT: 10.144 min Scan# 2980

Delta R.T. 0.000 min

Lab File: VR026744.D

Acq: 20 Aug 2025 16:18

Instrument :

MSVOA_R

ClientSampleId :

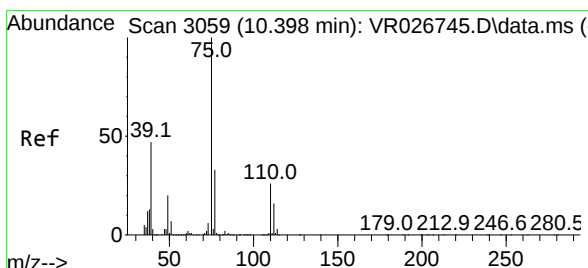
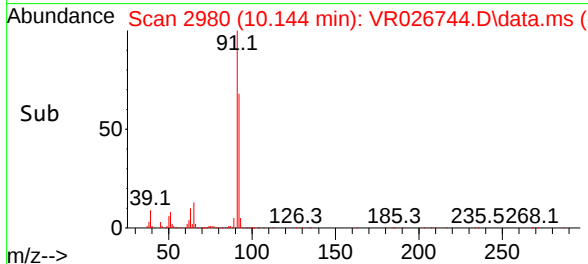
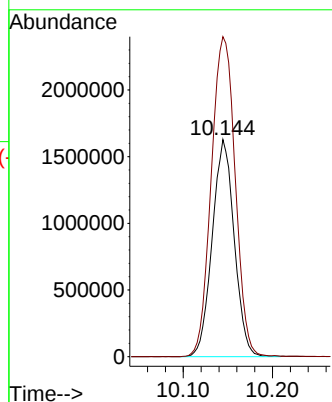
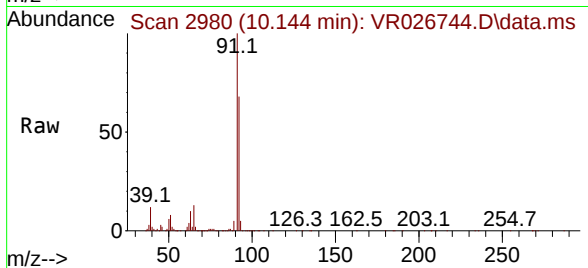
VSTDICC040

Tgt Ion: 92 Resp: 2787115

Ion Ratio Lower Upper

92 100

91 160.4 120.1 180.1



#52

t-1,3-Dichloropropene

Concen: 43.213 ug/l

RT: 10.398 min Scan# 3059

Delta R.T. 0.000 min

Lab File: VR026744.D

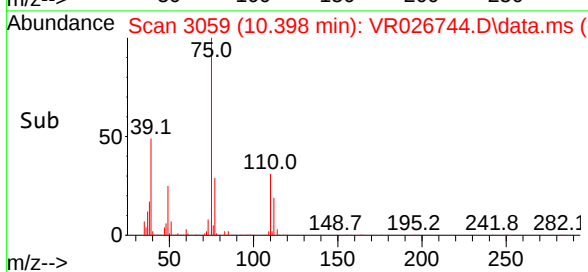
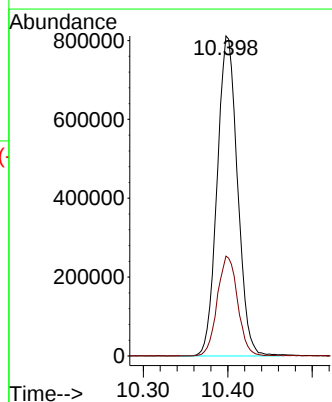
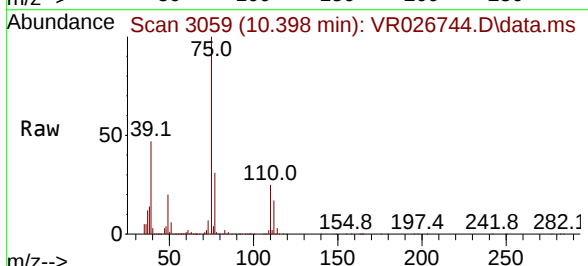
Acq: 20 Aug 2025 16:18

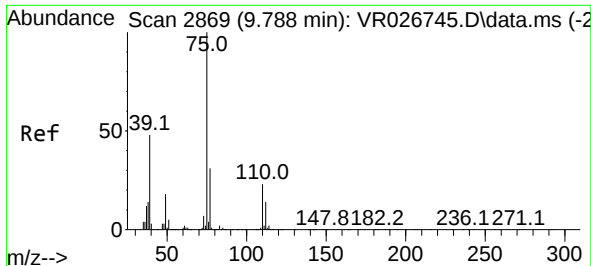
Tgt Ion: 75 Resp: 1354352

Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.4

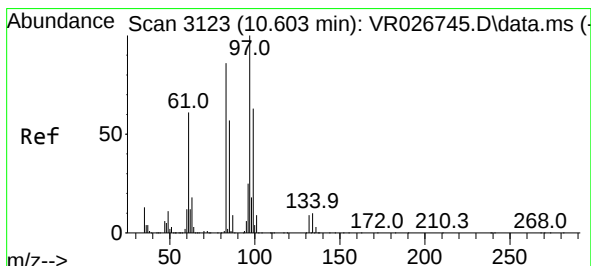
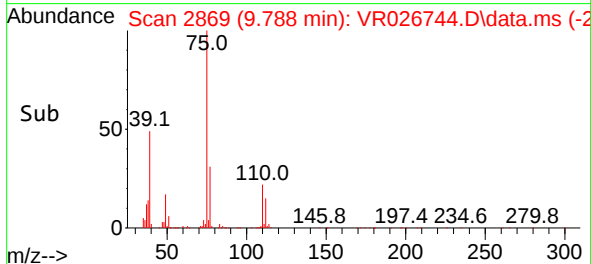
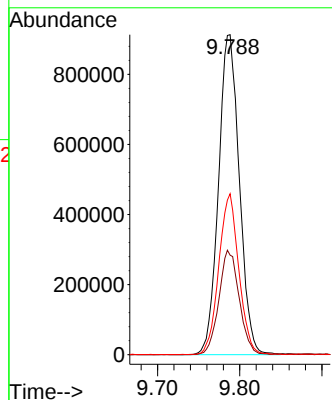
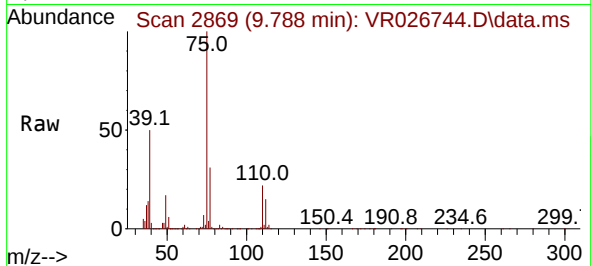




#53
 cis-1,3-Dichloropropene
 Concen: 42.327 ug/l
 RT: 9.788 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VR026744.D
 Acq: 20 Aug 2025 16:18

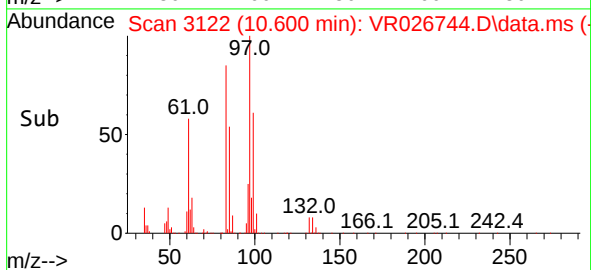
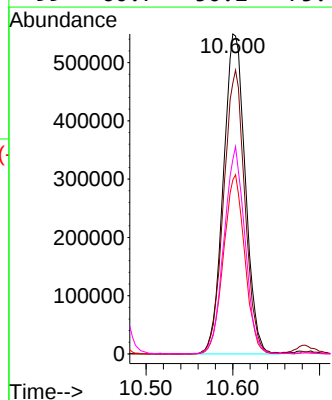
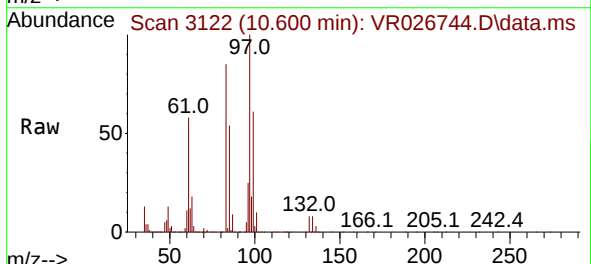
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC040

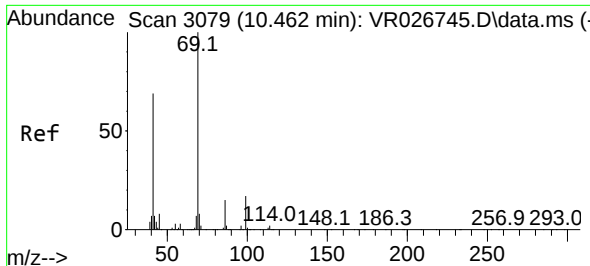
Tgt Ion: 75 Resp: 1609387
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.1 37.7
 39 50.3 38.5 57.7



#54
 1,1,2-Trichloroethane
 Concen: 40.658 ug/l
 RT: 10.600 min Scan# 3122
 Delta R.T. -0.003 min
 Lab File: VR026744.D
 Acq: 20 Aug 2025 16:18

Tgt Ion: 97 Resp: 963299
 Ion Ratio Lower Upper
 97 100
 83 84.7 68.9 103.3
 85 54.4 45.3 67.9
 99 60.7 50.2 75.4

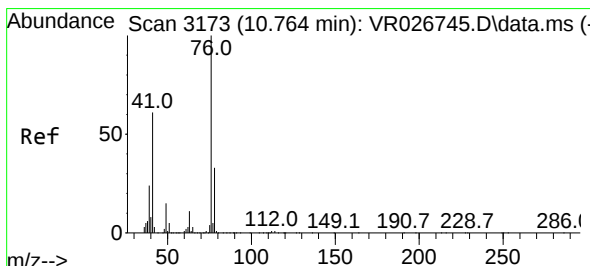
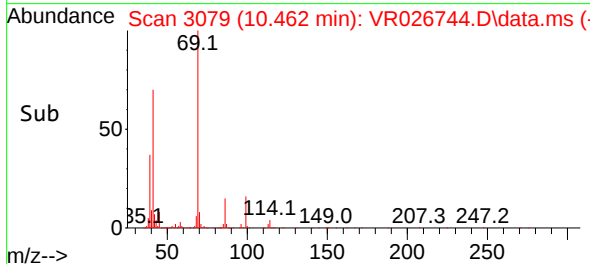
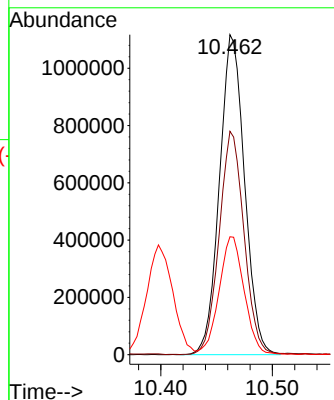
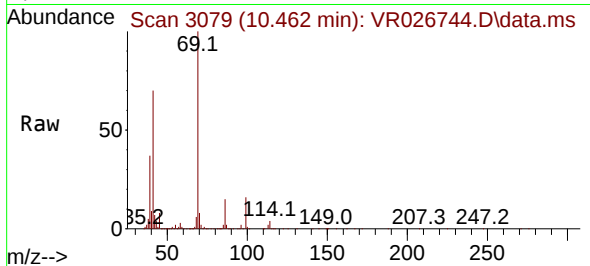




#55
 Ethyl methacrylate
 Concen: 42.812 ug/l
 RT: 10.462 min Scan# 3079
 Delta R.T. 0.000 min
 Lab File: VR026744.D
 Acq: 20 Aug 2025 16:18

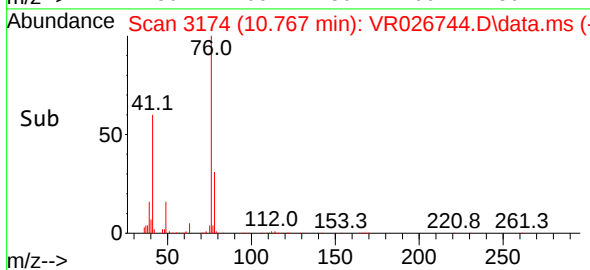
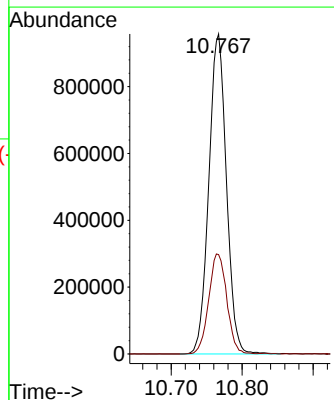
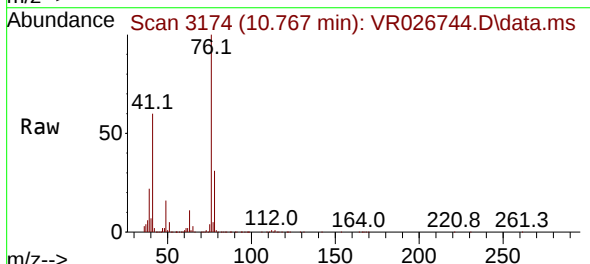
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICC040

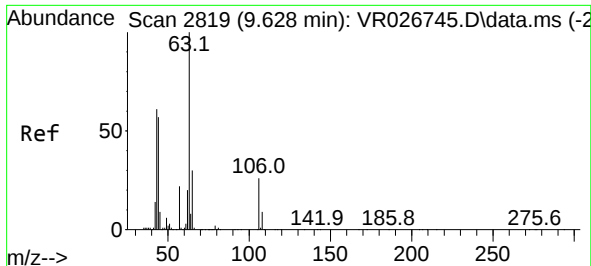
Tgt Ion: 69 Resp: 1744708
 Ion Ratio Lower Upper
 69 100
 41 68.9 55.6 83.4
 39 37.0 29.2 43.8



#56
 1,3-Dichloropropane
 Concen: 41.215 ug/l
 RT: 10.767 min Scan# 3174
 Delta R.T. 0.003 min
 Lab File: VR026744.D
 Acq: 20 Aug 2025 16:18

Tgt Ion: 76 Resp: 1645925
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.9 38.9

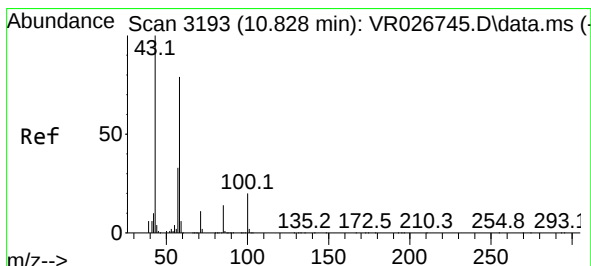
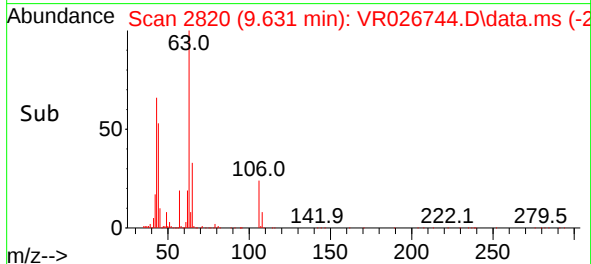
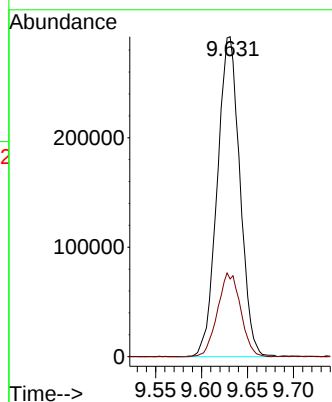
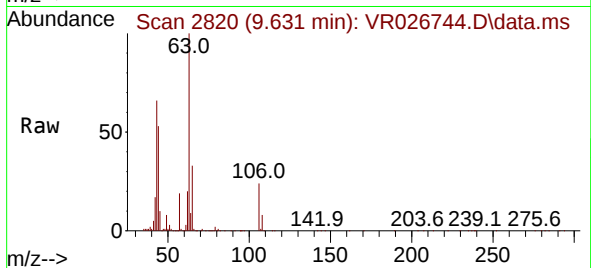




#57
2-Chloroethyl Vinyl ether
Concen: 199.042 ug/l
RT: 9.631 min Scan# 21
Delta R.T. 0.003 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

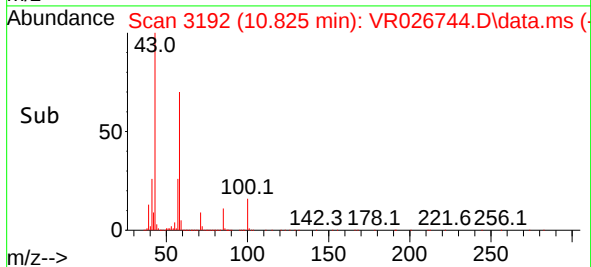
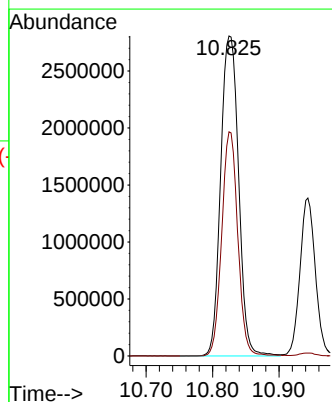
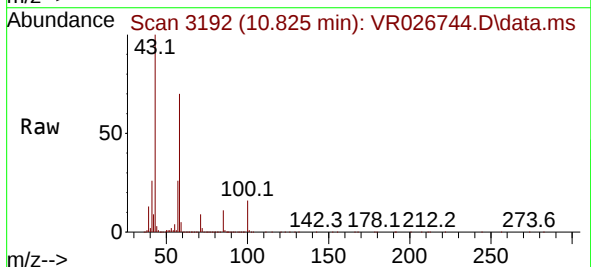
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC040

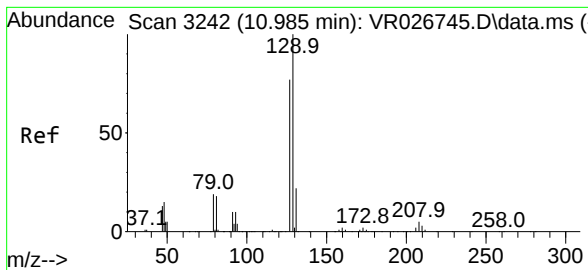
Tgt Ion: 63 Resp: 500338
Ion Ratio Lower Upper
63 100
106 26.7 21.5 32.3



#58
2-Hexanone
Concen: 224.747 ug/l
RT: 10.825 min Scan# 3192
Delta R.T. -0.003 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

Tgt Ion: 43 Resp: 5244780
Ion Ratio Lower Upper
43 100
58 62.7 34.0 102.0

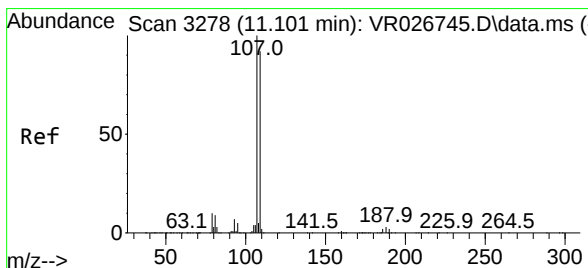
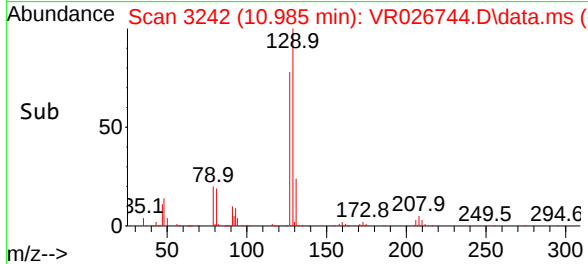
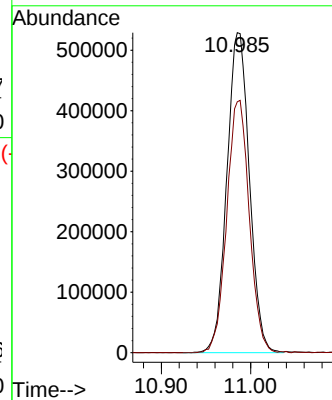
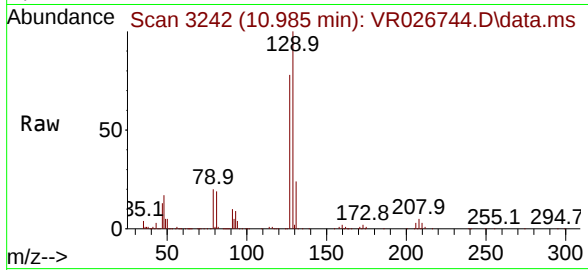




#59
Dibromochloromethane
Concen: 41.718 ug/l
RT: 10.985 min Scan# 31
Delta R.T. 0.000 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

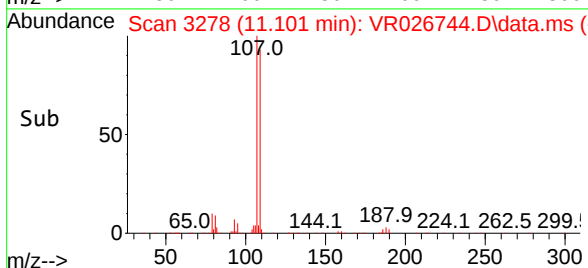
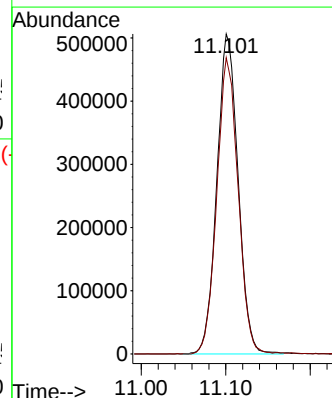
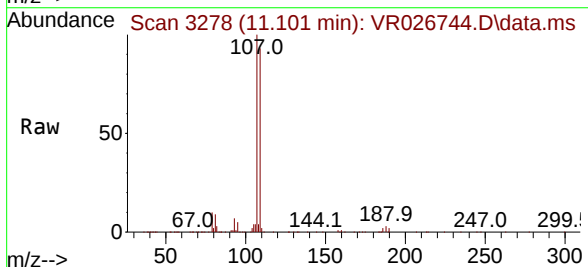
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC040

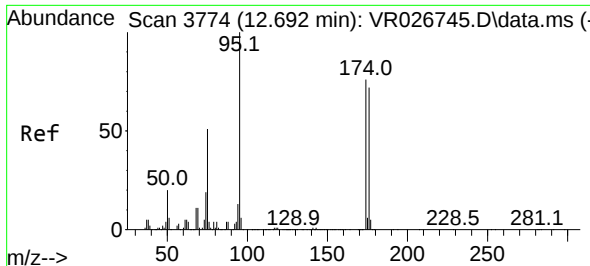
Tgt Ion:129 Resp: 929716
Ion Ratio Lower Upper
129 100
127 78.8 38.9 116.7



#60
1,2-Dibromoethane
Concen: 41.195 ug/l
RT: 11.101 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

Tgt Ion:107 Resp: 882104
Ion Ratio Lower Upper
107 100
109 92.9 74.3 111.5

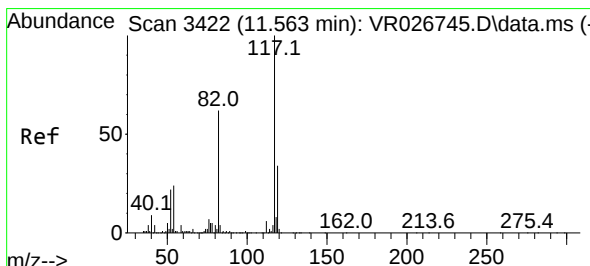
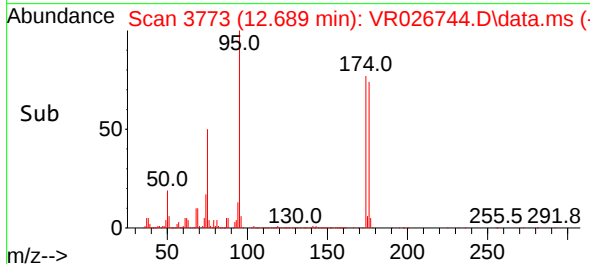
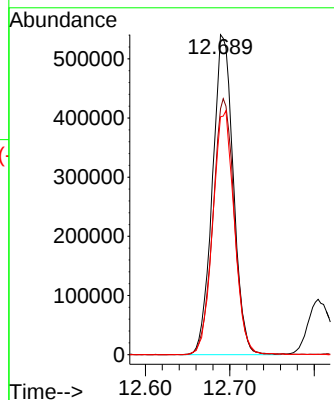
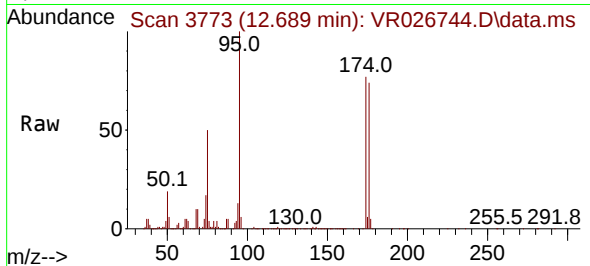




#61
4-Bromofluorobenzene
Concen: 39.961 ug/l
RT: 12.689 min Scan# 31
Delta R.T. -0.003 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

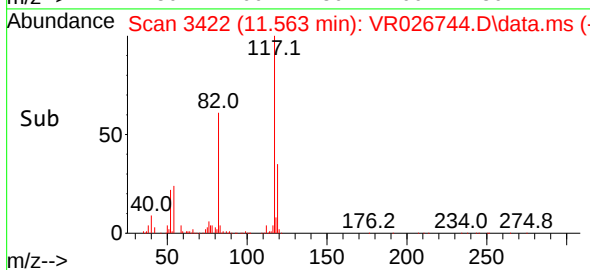
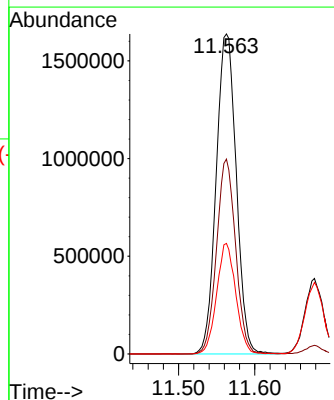
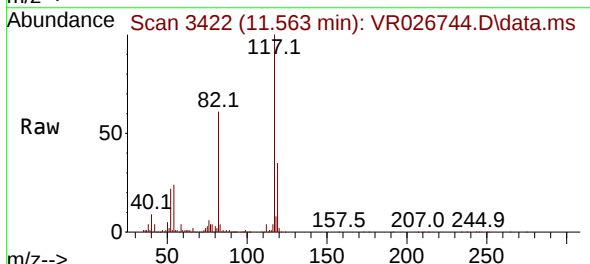
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC040

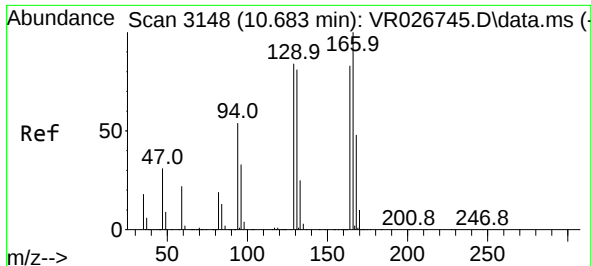
Tgt Ion: 95 Resp: 929406
Ion Ratio Lower Upper
95 100
174 81.6 0.0 156.6
176 78.0 0.0 150.2



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.563 min Scan# 3422
Delta R.T. -0.000 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

Tgt Ion: 117 Resp: 3000775
Ion Ratio Lower Upper
117 100
82 60.9 49.9 74.9
119 34.6 27.4 41.2

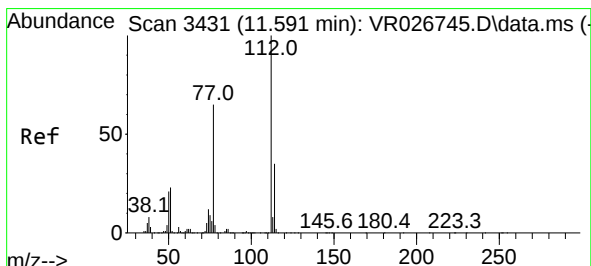
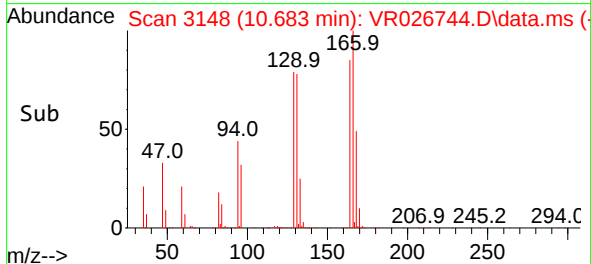
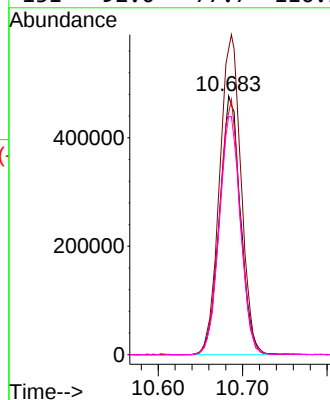
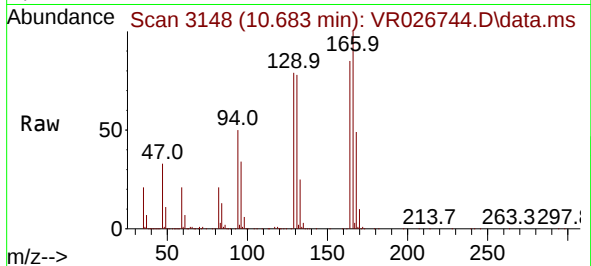




#63
Tetrachloroethene
Concen: 38.894 ug/l
RT: 10.683 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

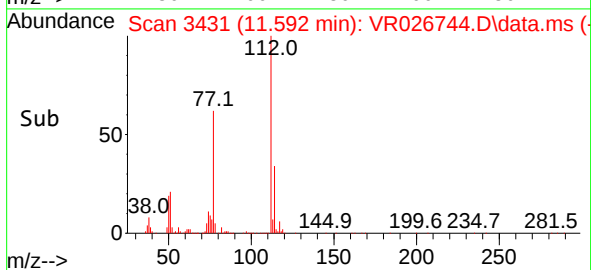
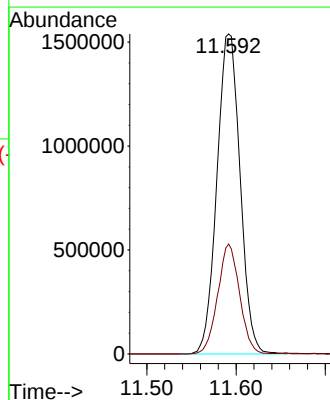
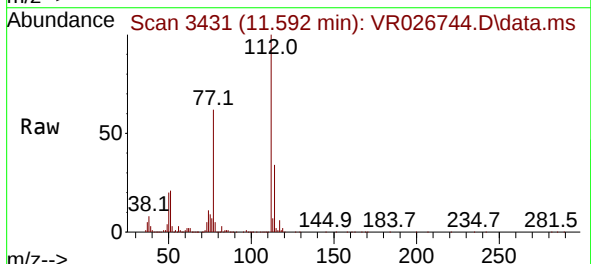
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC040

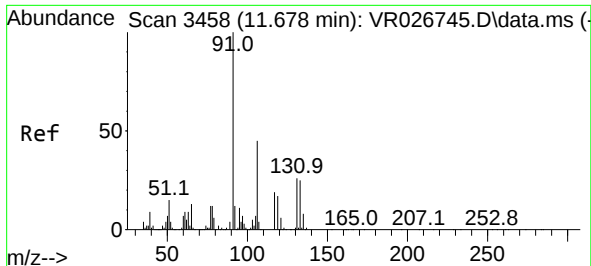
Tgt Ion:164 Resp: 820047
Ion Ratio Lower Upper
164 100
166 118.2 95.9 143.9
129 93.5 80.2 120.2
131 92.0 77.7 116.5



#64
Chlorobenzene
Concen: 41.582 ug/l
RT: 11.592 min Scan# 3431
Delta R.T. 0.000 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

Tgt Ion:112 Resp: 2776734
Ion Ratio Lower Upper
112 100
114 34.4 28.0 42.0

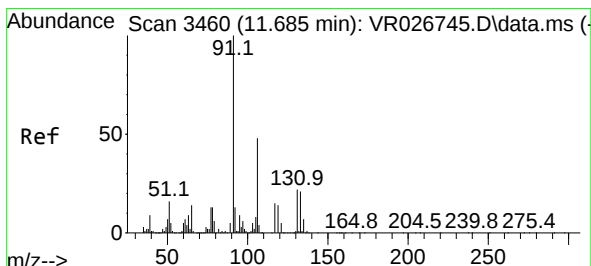
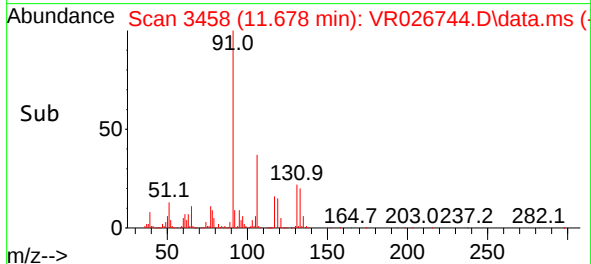
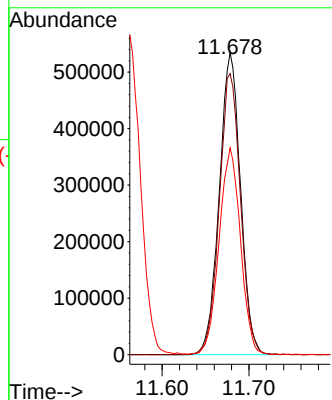
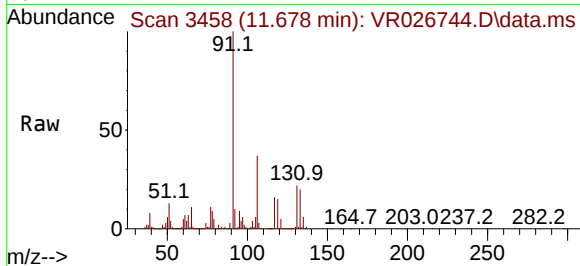




#65
 1,1,1,2-Tetrachloroethane
 Concen: 40.433 ug/l
 RT: 11.678 min Scan# 3458
 Delta R.T. 0.000 min
 Lab File: VR026744.D
 Acq: 20 Aug 2025 16:18

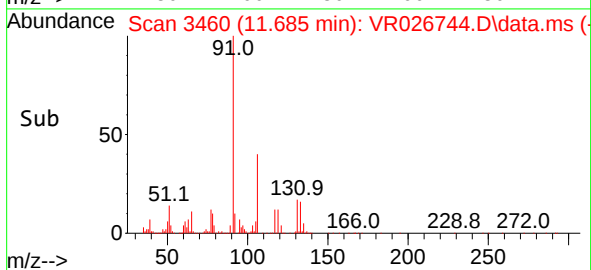
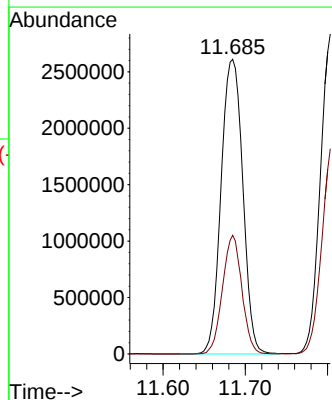
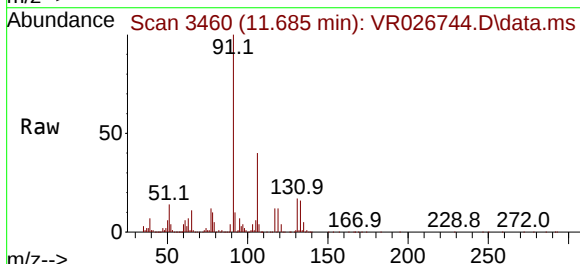
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDICC040

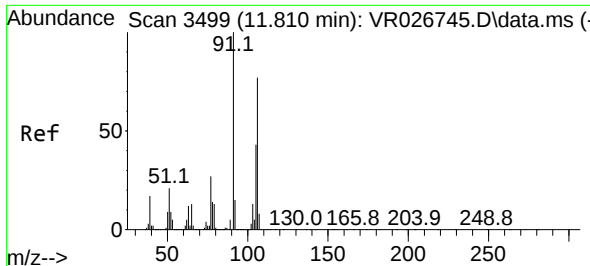
Tgt Ion:131 Resp: 906521
 Ion Ratio Lower Upper
 131 100
 133 93.1 47.3 141.8
 119 68.8 33.9 101.7



#66
 Ethyl Benzene
 Concen: 42.805 ug/l
 RT: 11.685 min Scan# 3460
 Delta R.T. 0.000 min
 Lab File: VR026744.D
 Acq: 20 Aug 2025 16:18

Tgt Ion: 91 Resp: 4779146
 Ion Ratio Lower Upper
 91 100
 106 40.3 38.7 58.1

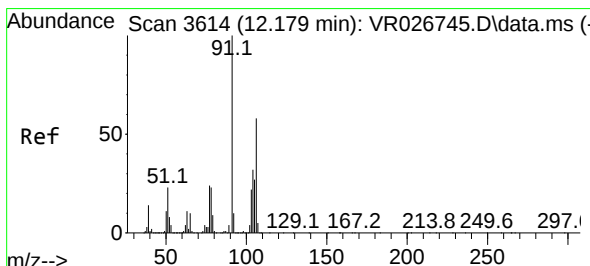
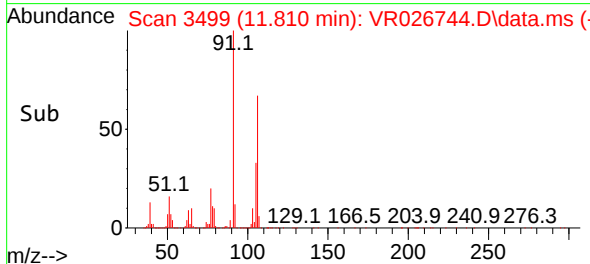
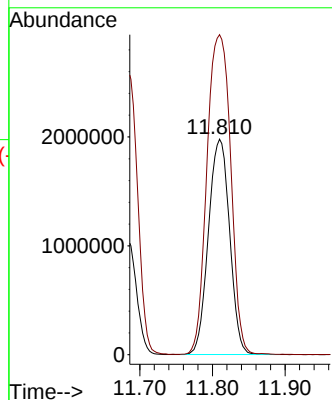
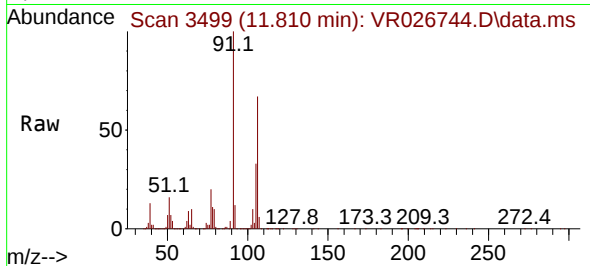




#67
m/p-Xylenes
Concen: 85.869 ug/l
RT: 11.810 min Scan# 3499
Delta R.T. -0.000 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

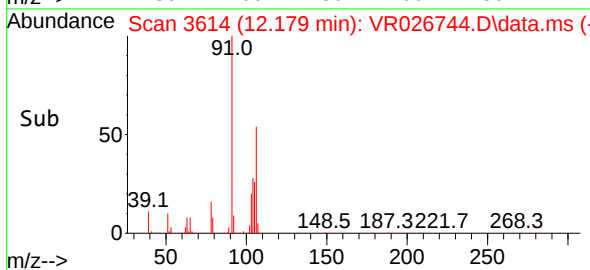
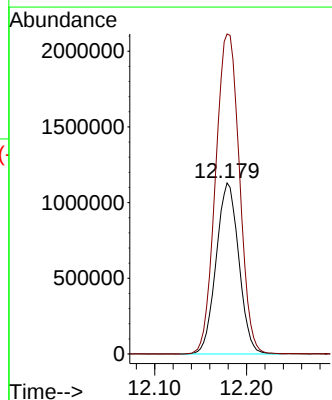
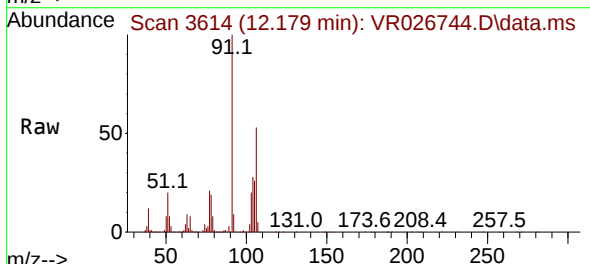
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC040

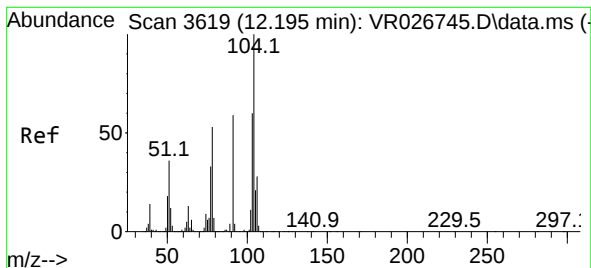
Tgt Ion:106 Resp: 4011744
Ion Ratio Lower Upper
106 100
91 166.4 121.6 182.4



#68
o-Xylene
Concen: 40.848 ug/l
RT: 12.179 min Scan# 3614
Delta R.T. 0.000 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

Tgt Ion:106 Resp: 1933743
Ion Ratio Lower Upper
106 100
91 197.4 93.7 281.1





#69

Styrene

Concen: 43.550 ug/l

RT: 12.195 min Scan# 3619

Delta R.T. 0.000 min

Lab File: VR026744.D

Acq: 20 Aug 2025 16:18

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC040

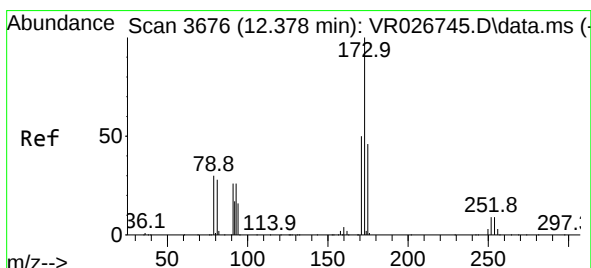
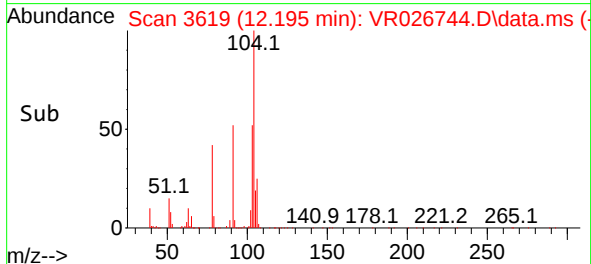
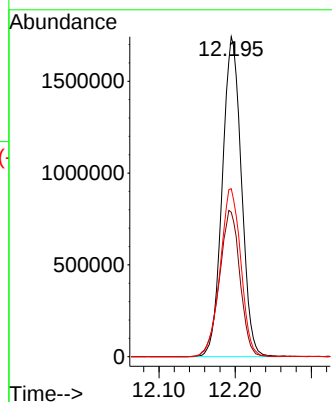
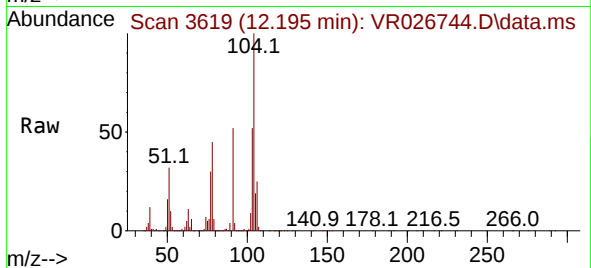
Tgt Ion:104 Resp: 3033782

Ion Ratio Lower Upper

104 100

78 49.1 42.5 63.7

103 56.8 47.5 71.3



#70

Bromoform

Concen: 43.867 ug/l

RT: 12.378 min Scan# 3676

Delta R.T. 0.000 min

Lab File: VR026744.D

Acq: 20 Aug 2025 16:18

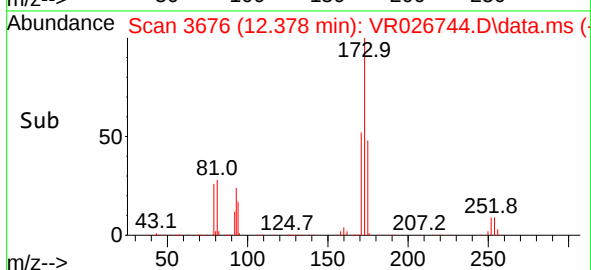
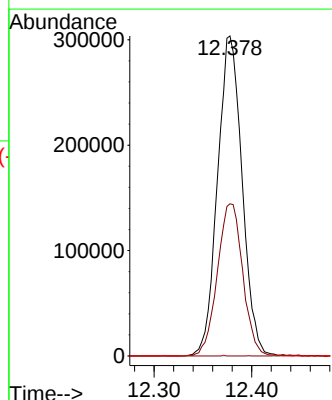
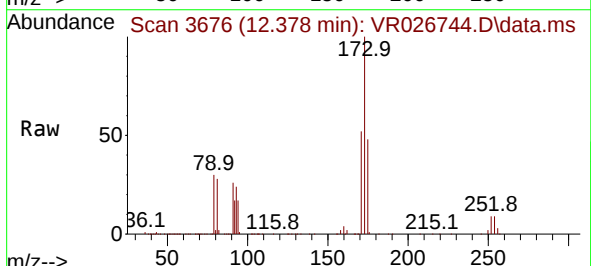
Tgt Ion:173 Resp: 530328

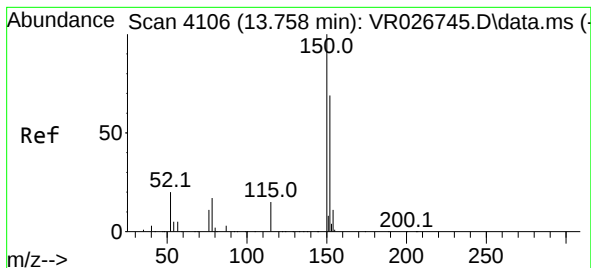
Ion Ratio Lower Upper

173 100

175 49.2 23.8 71.4

254 0.0 0.0 0.0#





#71

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.761 min Scan# 4106

Delta R.T. 0.003 min

Lab File: VR026744.D

Acq: 20 Aug 2025 16:18

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC040

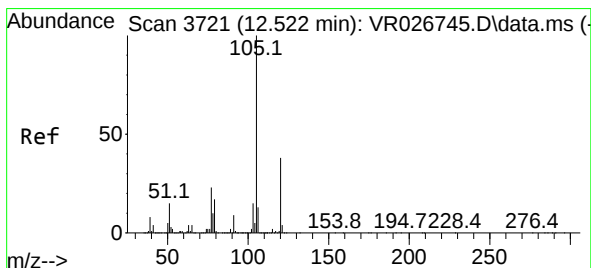
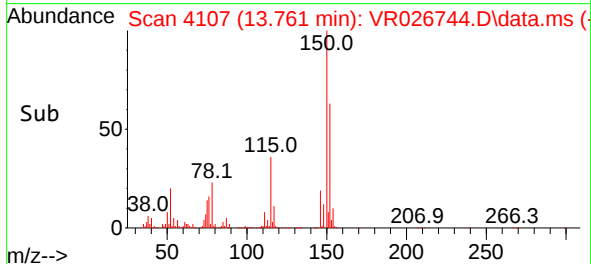
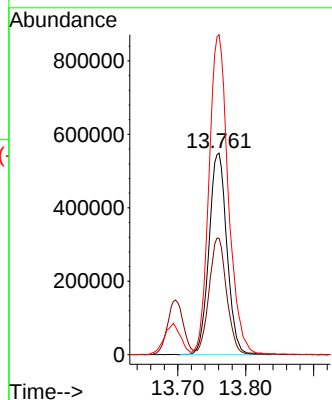
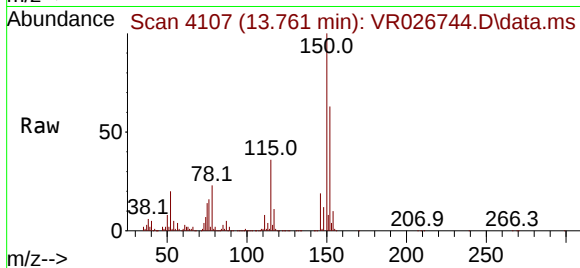
Tgt Ion:152 Resp: 1007428

Ion Ratio Lower Upper

152 100

115 56.2 28.5 85.5

150 170.2 0.0 352.0



#72

Isopropylbenzene

Concen: 39.369 ug/l

RT: 12.522 min Scan# 3721

Delta R.T. 0.000 min

Lab File: VR026744.D

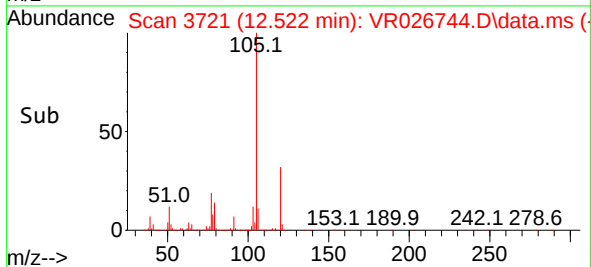
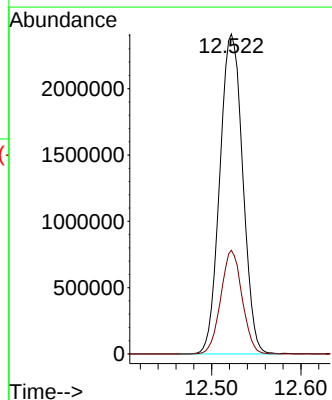
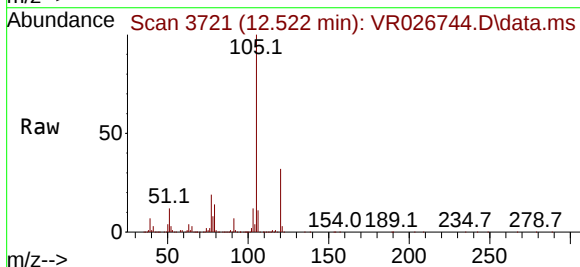
Acq: 20 Aug 2025 16:18

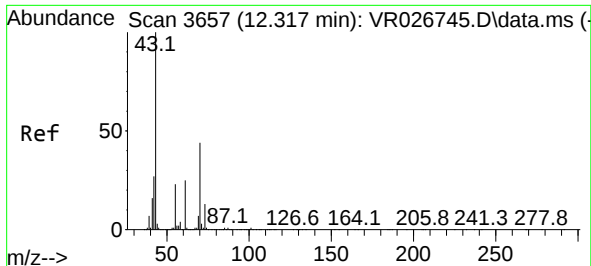
Tgt Ion:105 Resp: 4305171

Ion Ratio Lower Upper

105 100

120 30.1 16.4 49.2



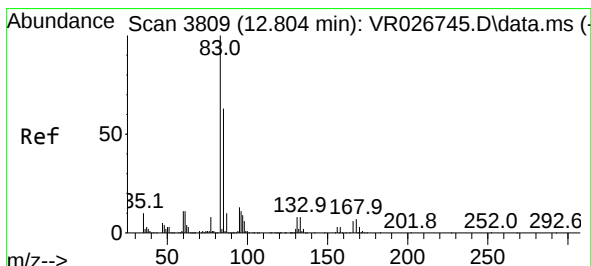
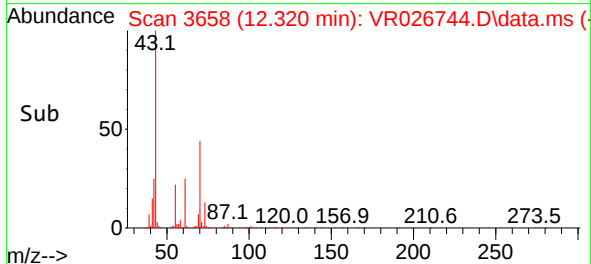
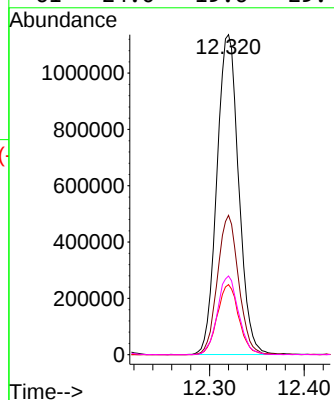
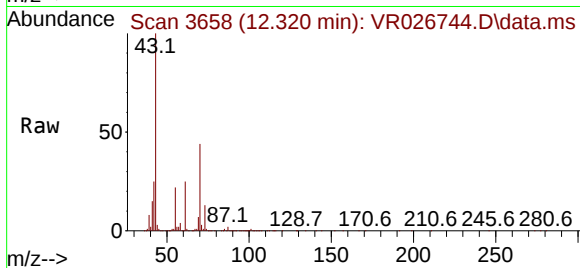


#73
N-amy1 acetate
Concen: 46.037 ug/l
RT: 12.320 min Scan# 3658
Delta R.T. 0.003 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

Instrument :
MSVOA_R
ClientSampleId :
VSTDIC040

Tgt Ion: 43 Resp: 1817570

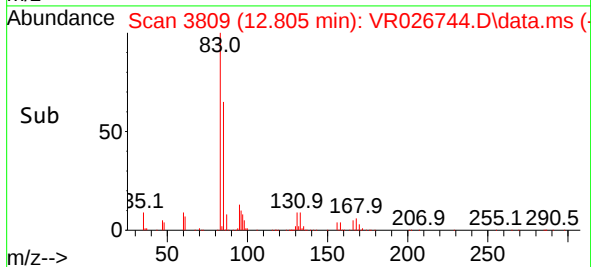
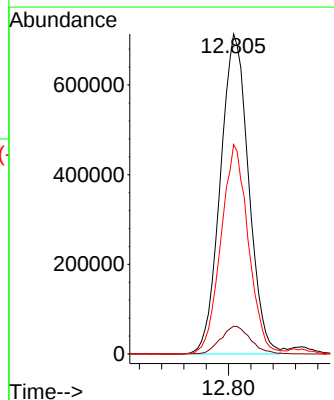
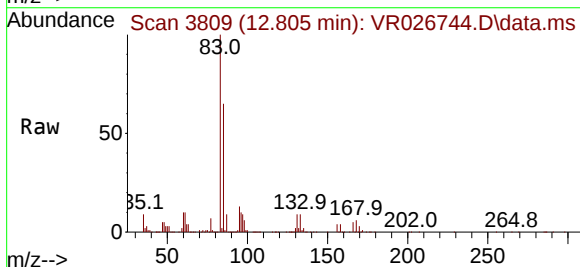
Ion	Ratio	Lower	Upper
43	100		
70	42.4	34.1	51.1
55	21.8	18.1	27.1
61	24.0	19.6	29.4

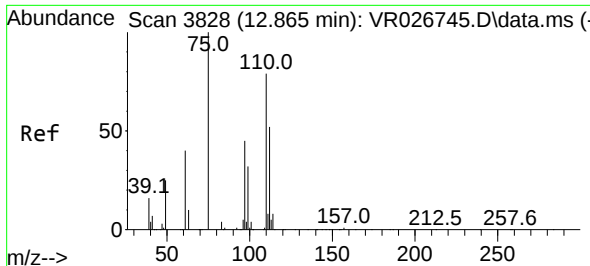


#74
1,1,2,2-Tetrachloroethane
Concen: 40.052 ug/l
RT: 12.805 min Scan# 3809
Delta R.T. 0.000 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

Tgt Ion: 83 Resp: 1253805

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.6	13.8
85	63.6	31.7	95.1

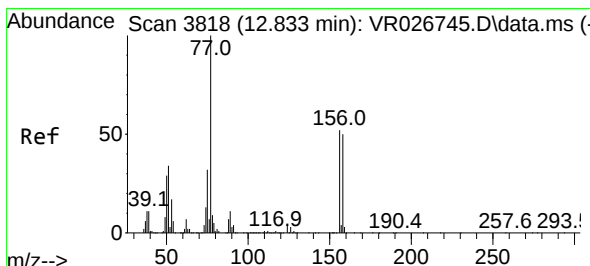
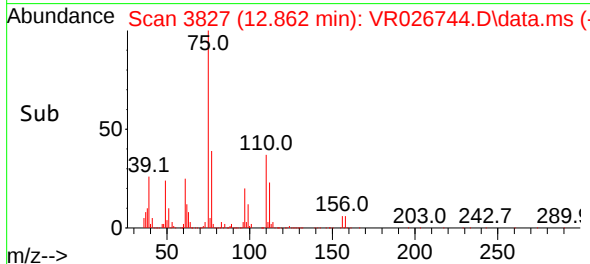
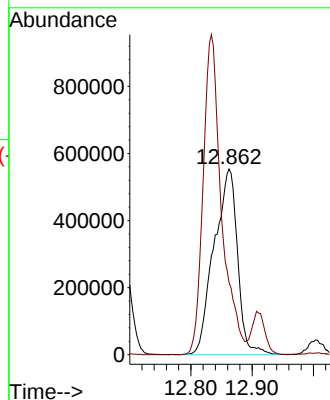
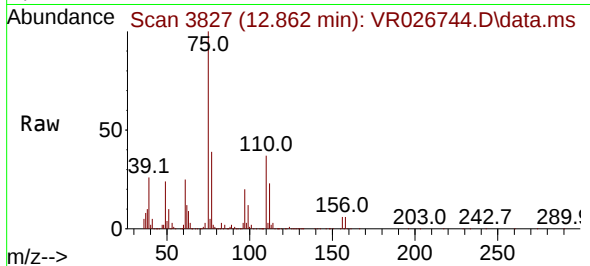




#75
1,2,3-Trichloropropane
Concen: 65.003 ug/l
RT: 12.862 min Scan# 3827
Delta R.T. -0.003 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

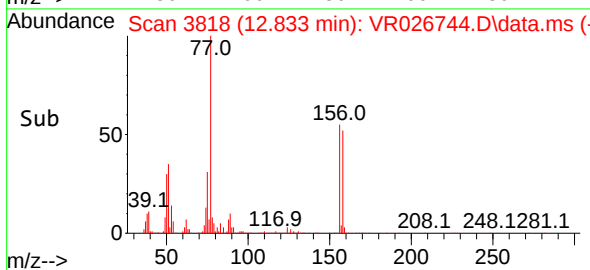
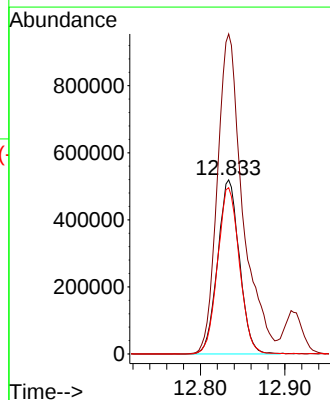
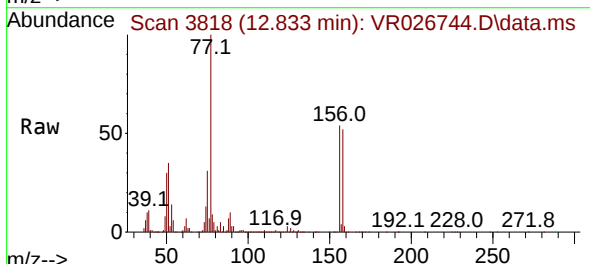
Instrument :
MSVOA_R
ClientSampleId :
VSTDICC040

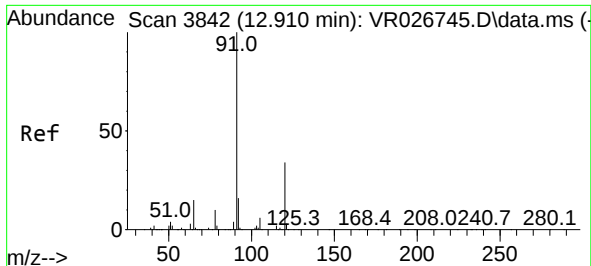
Tgt Ion: 75 Resp: 1473902
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#76
Bromobenzene
Concen: 38.621 ug/l
RT: 12.833 min Scan# 3818
Delta R.T. 0.000 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

Tgt Ion:156 Resp: 924463
Ion Ratio Lower Upper
156 100
77 214.7 109.8 329.4
158 96.3 47.5 142.6

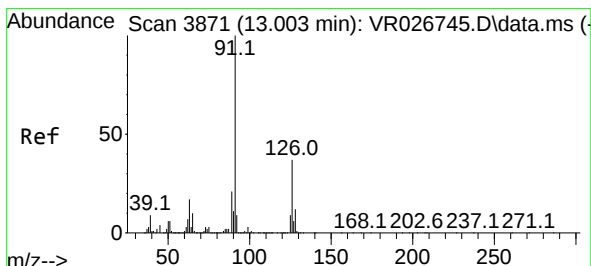
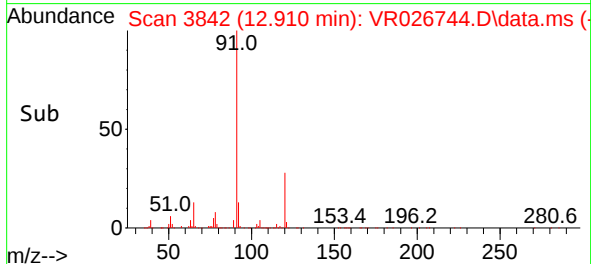
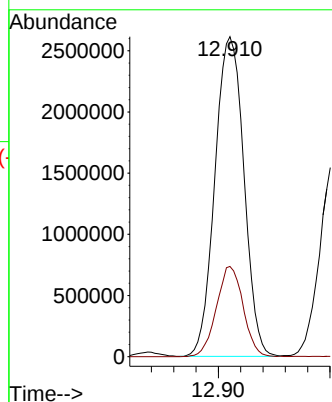
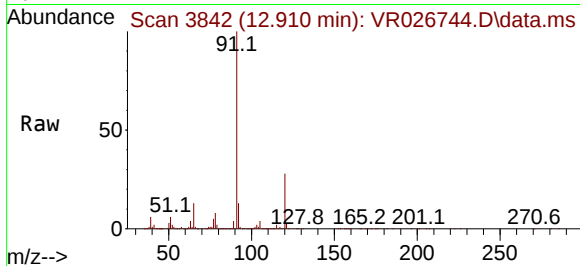




#77
n-propylbenzene
Concen: 40.200 ug/l
RT: 12.910 min Scan# 3842
Delta R.T. 0.000 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

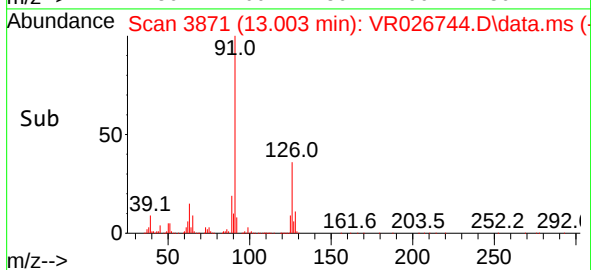
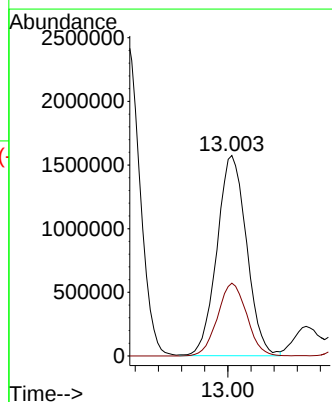
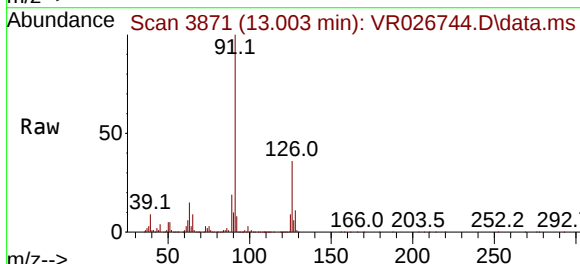
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC040

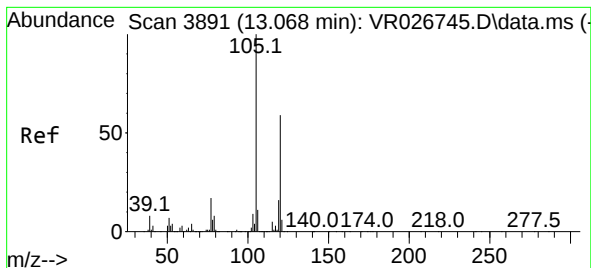
Tgt Ion: 91 Resp: 4712919
Ion Ratio Lower Upper
91 100
120 26.0 14.2 42.8



#78
2-Chlorotoluene
Concen: 40.439 ug/l
RT: 13.003 min Scan# 3871
Delta R.T. 0.000 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

Tgt Ion: 91 Resp: 2799802
Ion Ratio Lower Upper
91 100
126 35.8 18.0 54.0





#79

1,3,5-Trimethylbenzene

Concen: 41.134 ug/l

RT: 13.068 min Scan# 3891

Delta R.T. 0.000 min

Lab File: VR026744.D

Acq: 20 Aug 2025 16:18

Instrument :

MSVOA_R

ClientSampleId :

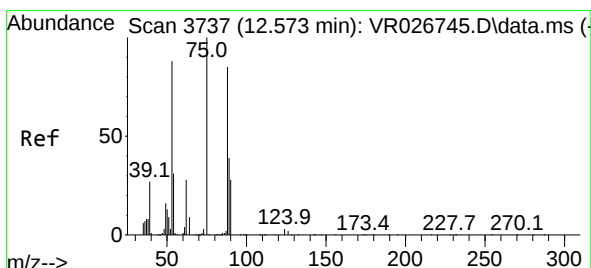
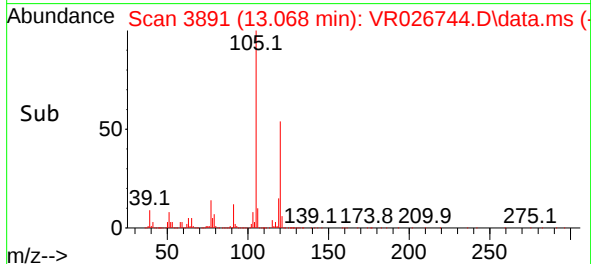
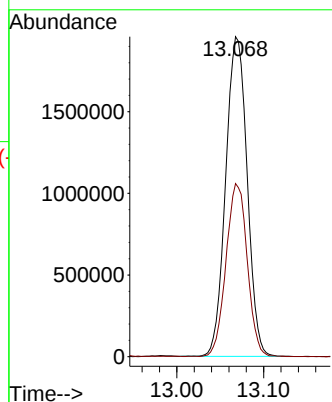
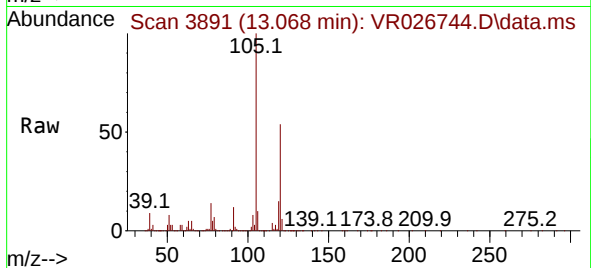
VSTDICC040

Tgt Ion:105 Resp: 3359015

Ion Ratio Lower Upper

105 100

120 53.6 27.8 83.4



#80

trans-1,4-Dichloro-2-butene

Concen: 37.035 ug/l

RT: 12.577 min Scan# 3738

Delta R.T. 0.004 min

Lab File: VR026744.D

Acq: 20 Aug 2025 16:18

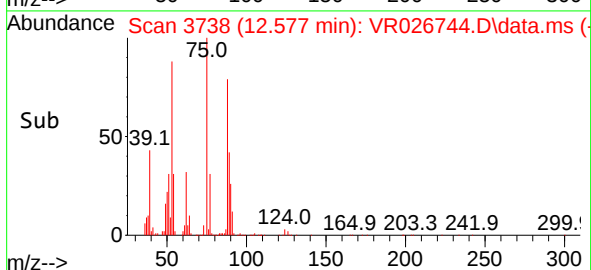
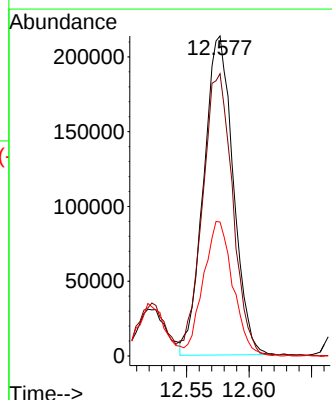
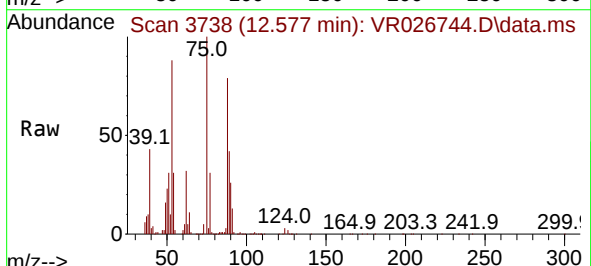
Tgt Ion: 75 Resp: 352001

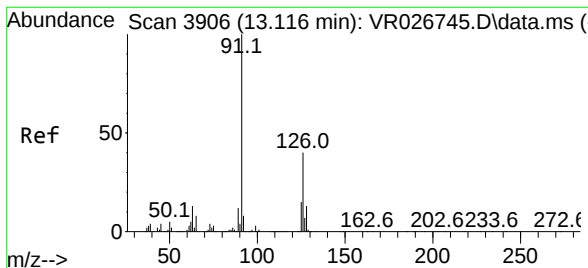
Ion Ratio Lower Upper

75 100

53 90.2 70.9 106.3

89 42.2 33.4 50.0

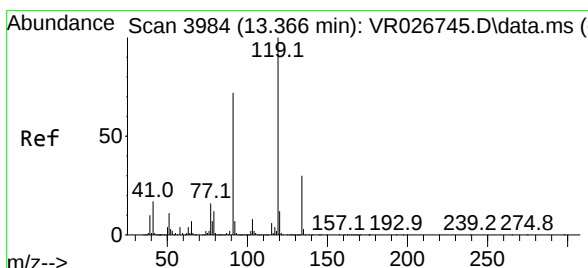
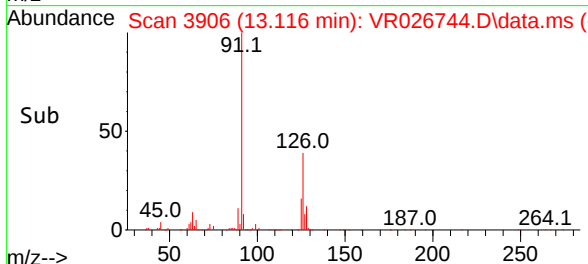
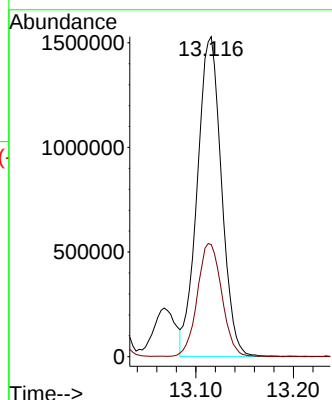
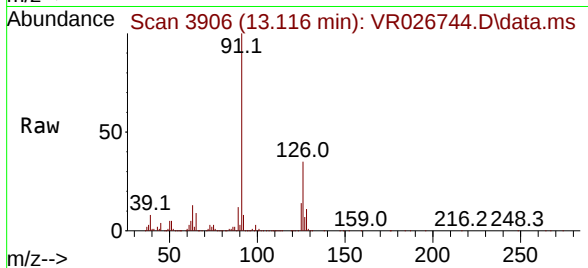




#81
4-Chlorotoluene
Concen: 41.427 ug/l
RT: 13.116 min Scan# 3906
Delta R.T. 0.000 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

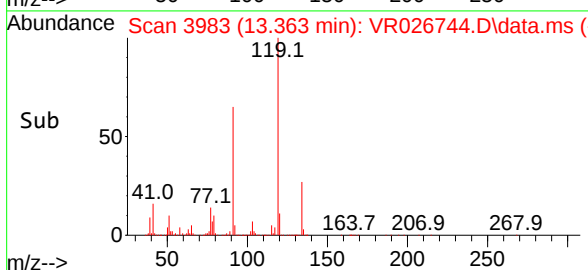
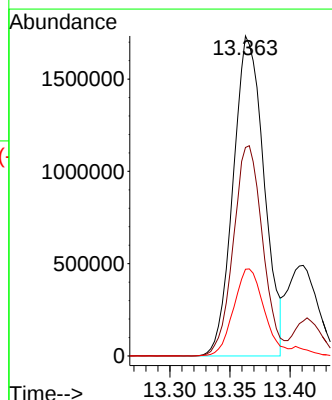
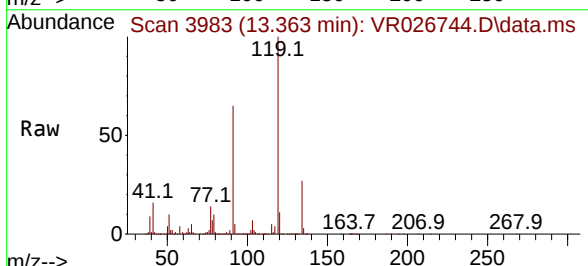
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC040

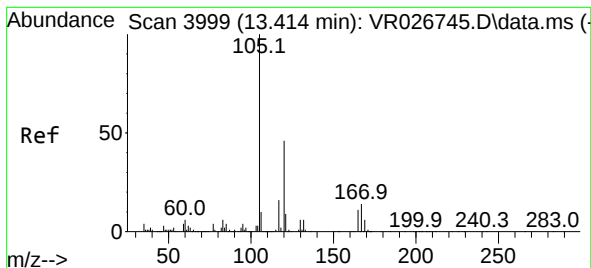
Tgt Ion: 91 Resp: 2628058
Ion Ratio Lower Upper
91 100
126 35.7 18.2 54.6



#82
tert-Butylbenzene
Concen: 40.514 ug/l
RT: 13.363 min Scan# 3983
Delta R.T. -0.003 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

Tgt Ion: 119 Resp: 3093080
Ion Ratio Lower Upper
119 100
91 63.2 33.5 100.5
134 27.0 14.9 44.9





#83

1,2,4-Trimethylbenzene

Concen: 42.097 ug/l

RT: 13.414 min Scan# 3999

Delta R.T. 0.000 min

Lab File: VR026744.D

Acq: 20 Aug 2025 16:18

Instrument :

MSVOA_R

ClientSampleId :

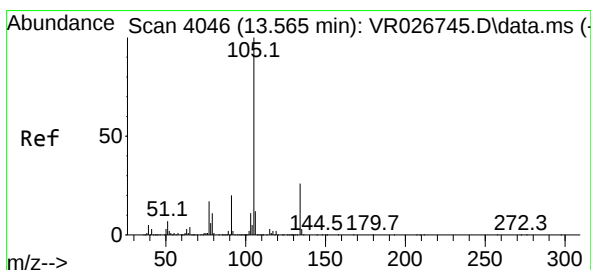
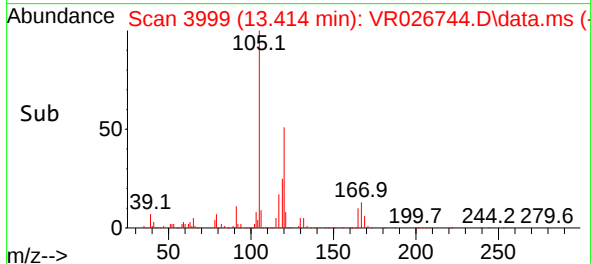
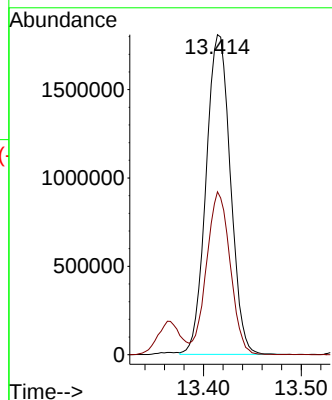
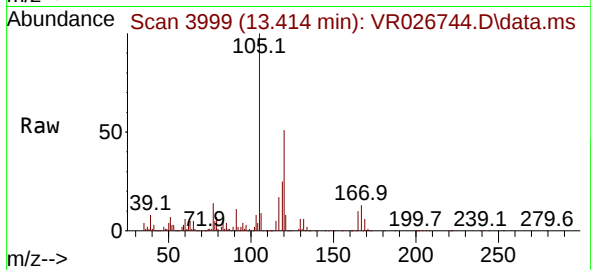
VSTDICC040

Tgt Ion:105 Resp: 3134619

Ion Ratio Lower Upper

105 100

120 49.5 25.3 75.9



#84

sec-Butylbenzene

Concen: 41.317 ug/l

RT: 13.568 min Scan# 4047

Delta R.T. 0.003 min

Lab File: VR026744.D

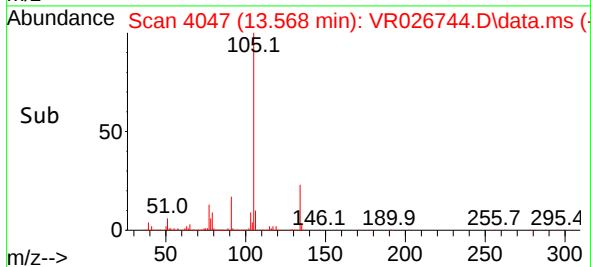
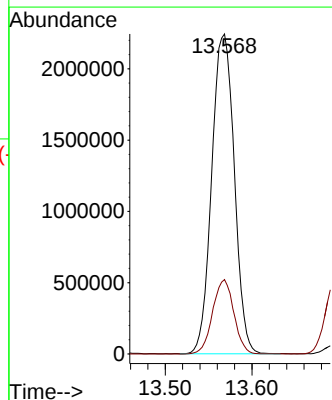
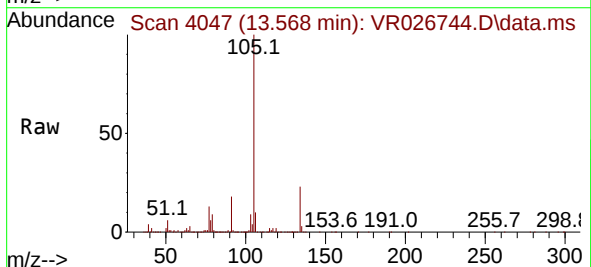
Acq: 20 Aug 2025 16:18

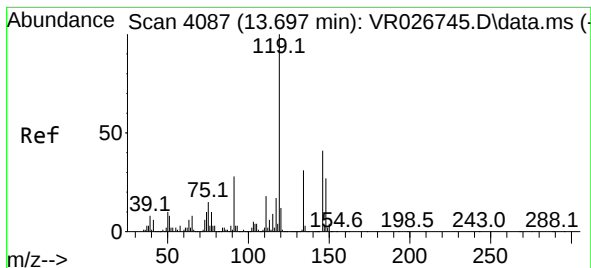
Tgt Ion:105 Resp: 4057347

Ion Ratio Lower Upper

105 100

134 21.9 11.6 34.7





#85

p-Isopropyltoluene

Concen: 42.577 ug/l

RT: 13.697 min Scan# 4087

Delta R.T. 0.000 min

Lab File: VR026744.D

Acq: 20 Aug 2025 16:18

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC040

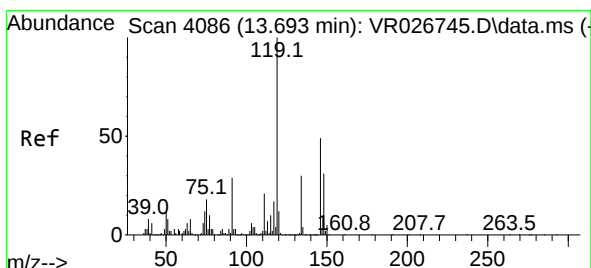
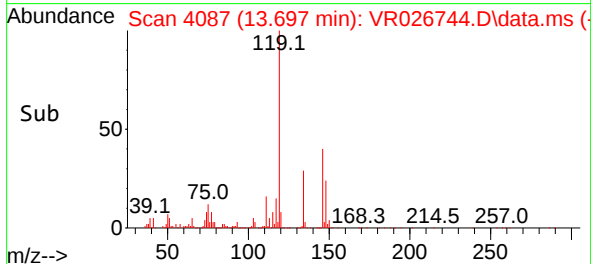
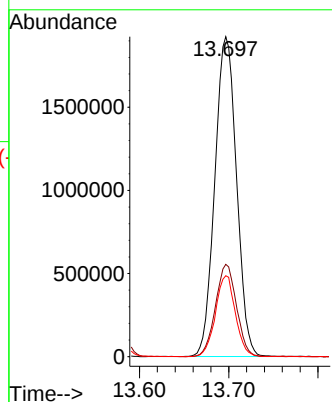
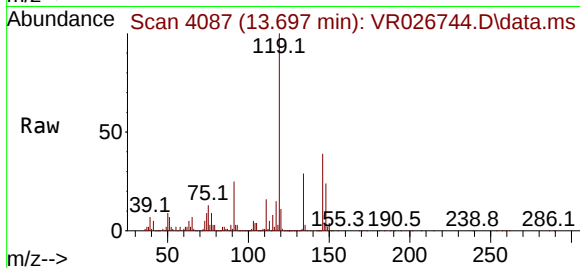
Tgt Ion:119 Resp: 3248871

Ion Ratio Lower Upper

119 100

134 27.9 14.4 43.2

91 23.3 12.7 38.0



#86

1,3-Dichlorobenzene

Concen: 40.251 ug/l

RT: 13.693 min Scan# 4086

Delta R.T. 0.000 min

Lab File: VR026744.D

Acq: 20 Aug 2025 16:18

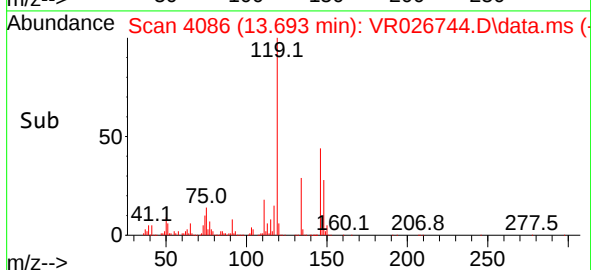
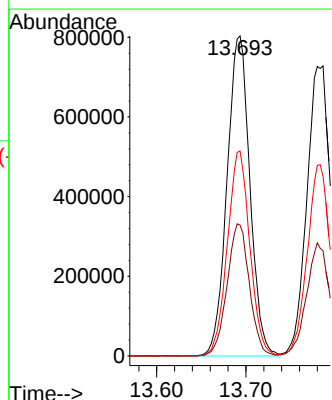
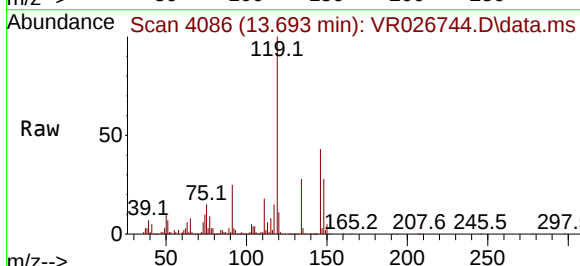
Tgt Ion:146 Resp: 1430850

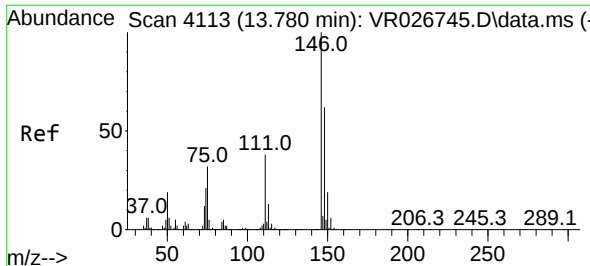
Ion Ratio Lower Upper

146 100

111 40.2 20.9 62.7

148 62.8 31.8 95.3

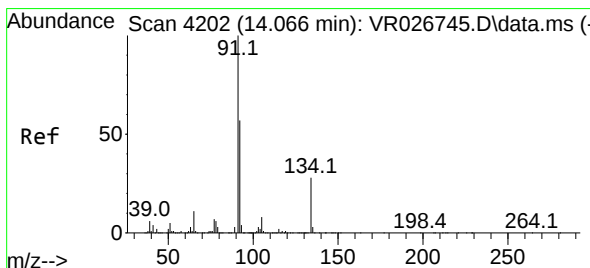
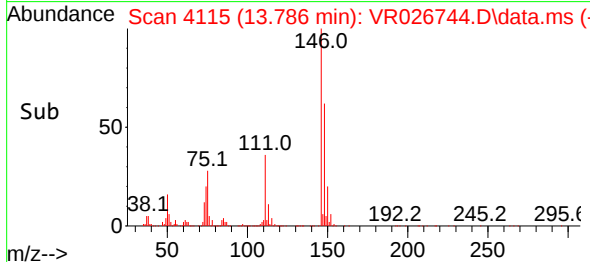
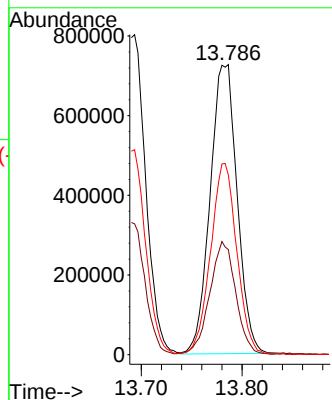
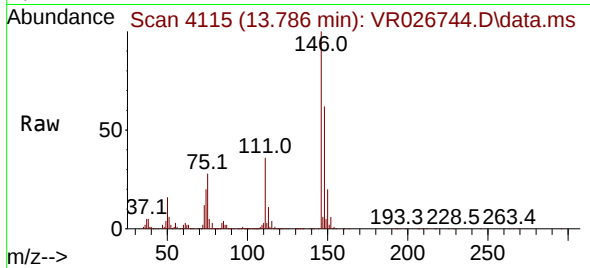




#87
1,4-Dichlorobenzene
Concen: 39.546 ug/l
RT: 13.786 min Scan# 4113
Delta R.T. 0.006 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

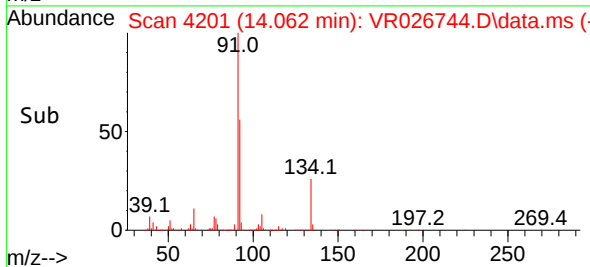
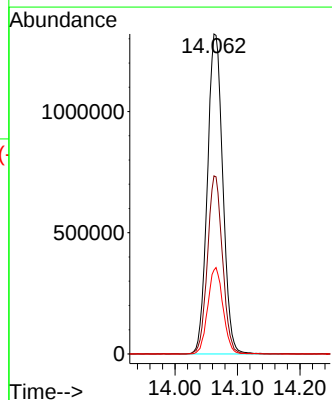
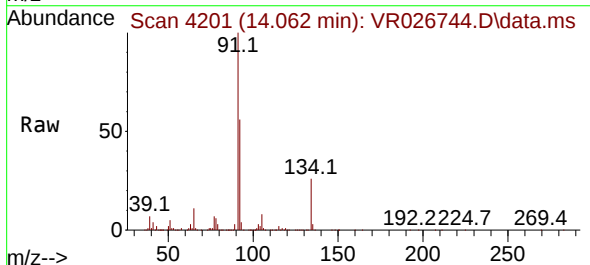
Instrument :
MSVOA_R
ClientSampleId :
VSTDIC040

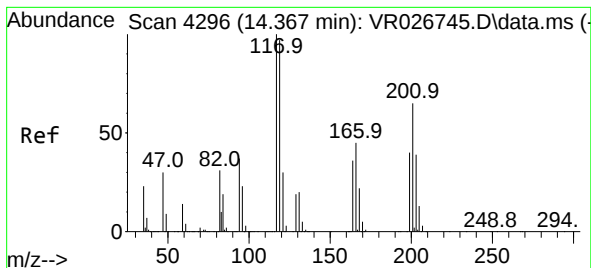
Tgt Ion:146 Resp: 1354377
Ion Ratio Lower Upper
146 100
111 37.4 18.6 55.6
148 64.2 31.5 94.5



#88
n-Butylbenzene
Concen: 41.432 ug/l
RT: 14.062 min Scan# 4201
Delta R.T. -0.004 min
Lab File: VR026744.D
Acq: 20 Aug 2025 16:18

Tgt Ion: 91 Resp: 2258942
Ion Ratio Lower Upper
91 100
92 54.2 27.7 83.0
134 26.7 13.5 40.5





#89

Hexachloroethane

Concen: 42.620 ug/l

RT: 14.364 min Scan# 4296

Delta R.T. -0.003 min

Lab File: VR026744.D

Acq: 20 Aug 2025 16:18

Instrument :

MSVOA_R

ClientSampleId :

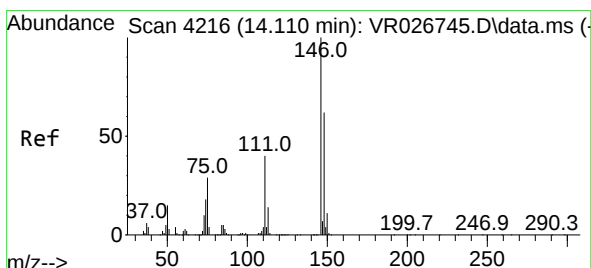
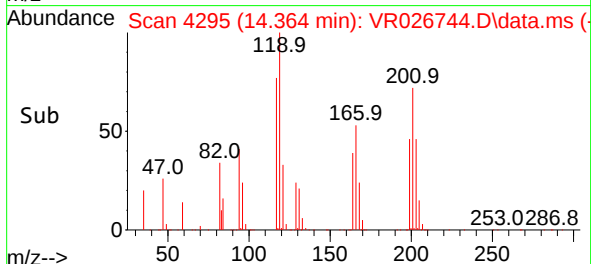
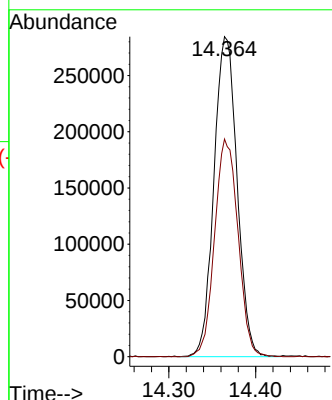
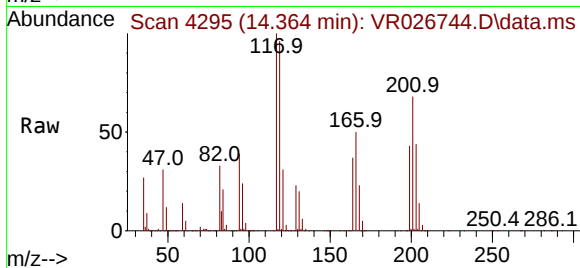
VSTDIC040

Tgt Ion:117 Resp: 527499

Ion Ratio Lower Upper

117 100

201 68.7 33.3 99.9



#90

1,2-Dichlorobenzene

Concen: 38.156 ug/l

RT: 14.111 min Scan# 4216

Delta R.T. 0.001 min

Lab File: VR026744.D

Acq: 20 Aug 2025 16:18

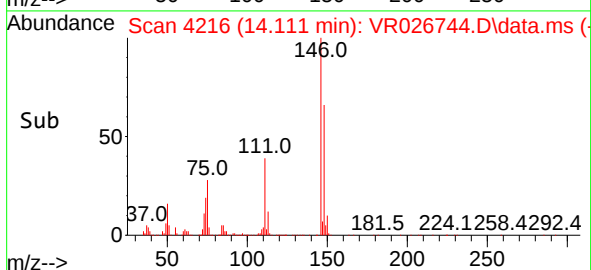
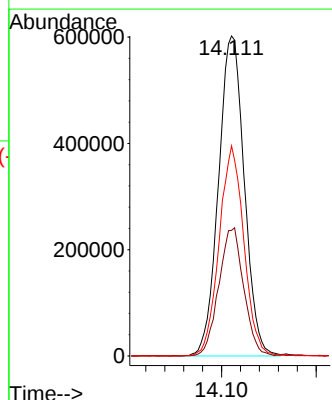
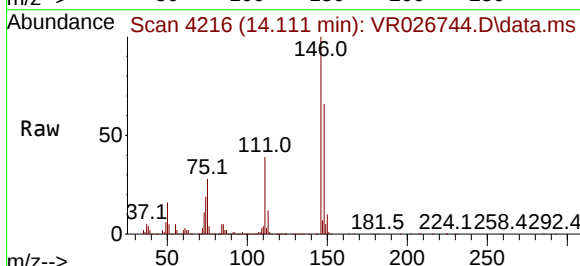
Tgt Ion:146 Resp: 1139093

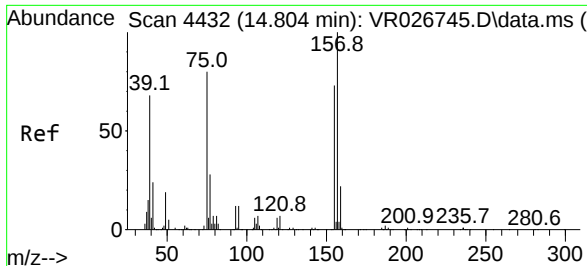
Ion Ratio Lower Upper

146 100

111 38.8 19.9 59.7

148 63.0 31.5 94.5

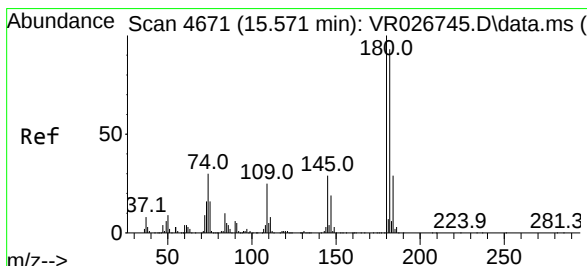
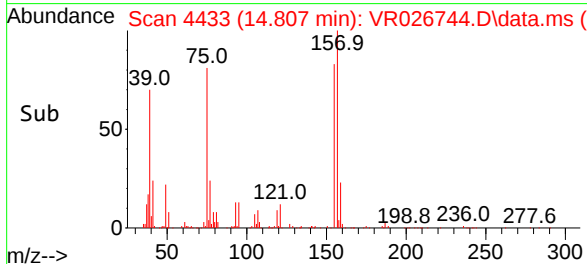
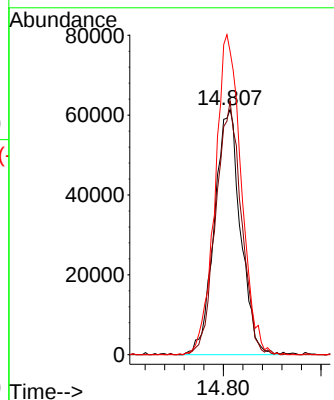
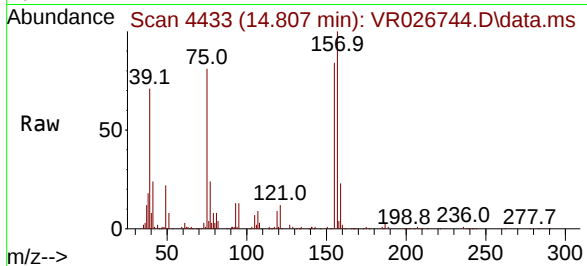




#91
 1,2-Dibromo-3-Chloropropane
 Concen: 39.548 ug/l
 RT: 14.807 min Scan# 4433
 Delta R.T. 0.003 min
 Lab File: VR026744.D
 Acq: 20 Aug 2025 16:18

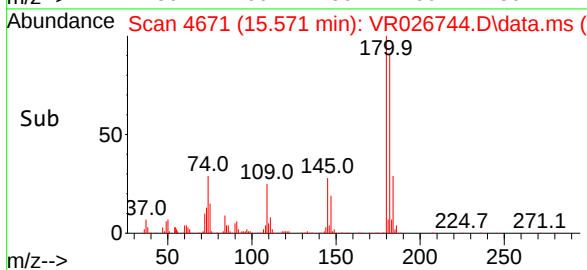
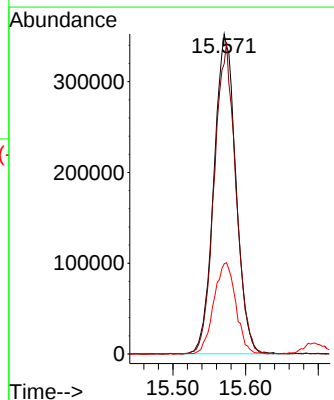
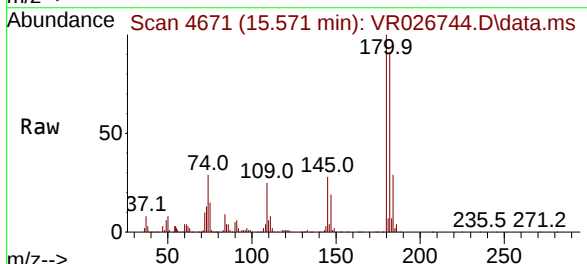
Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDIC040

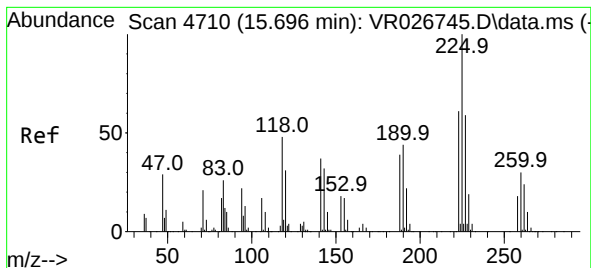
Tgt Ion: 75 Resp: 114248
 Ion Ratio Lower Upper
 75 100
 155 101.0 48.4 145.3
 157 129.8 62.3 186.8



#92
 1,2,4-Trichlorobenzene
 Concen: 37.696 ug/l
 RT: 15.571 min Scan# 4671
 Delta R.T. 0.000 min
 Lab File: VR026744.D
 Acq: 20 Aug 2025 16:18

Tgt Ion:180 Resp: 739383
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.1 141.4
 145 28.7 14.4 43.4





#93

Hexachlorobutadiene

Concen: 36.403 ug/l

RT: 15.696 min Scan# 4710

Delta R.T. 0.000 min

Lab File: VR026744.D

Acq: 20 Aug 2025 16:18

Instrument :

MSVOA_R

ClientSampleId :

VSTDIC040

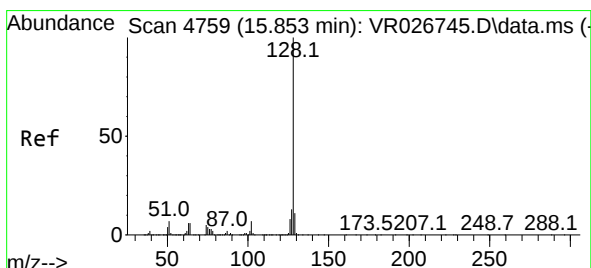
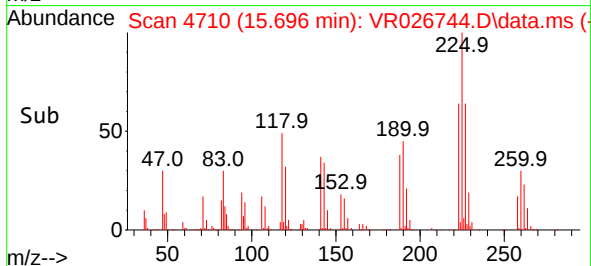
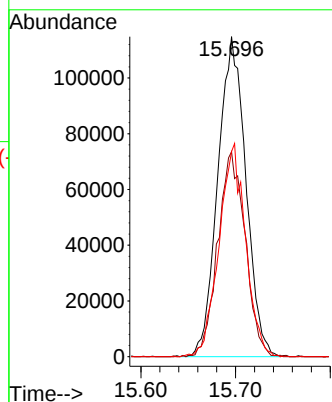
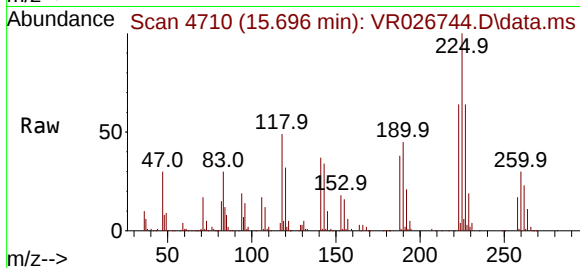
Tgt Ion:225 Resp: 235349

Ion Ratio Lower Upper

225 100

223 62.8 31.5 94.5

227 63.1 31.3 93.8



#94

Naphthalene

Concen: 40.153 ug/l

RT: 15.856 min Scan# 4760

Delta R.T. 0.003 min

Lab File: VR026744.D

Acq: 20 Aug 2025 16:18

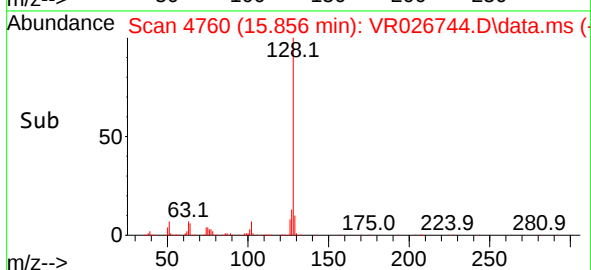
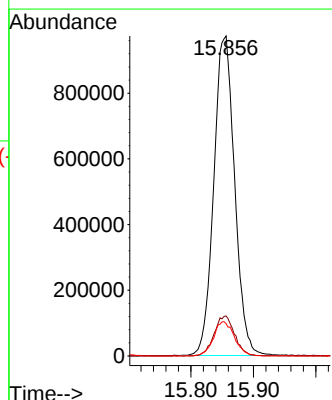
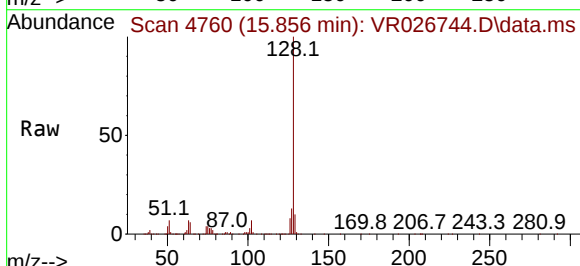
Tgt Ion:128 Resp: 2251978

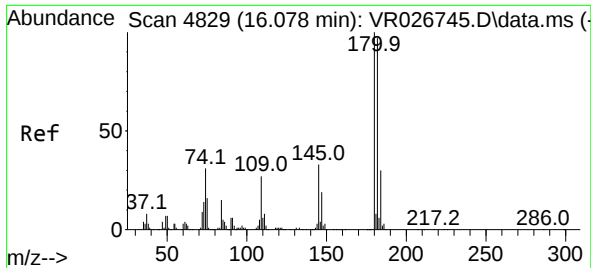
Ion Ratio Lower Upper

128 100

127 12.4 10.0 15.0

129 10.8 8.7 13.1





#95

1,2,3-Trichlorobenzene

Concen: 37.837 ug/l

RT: 16.078 min Scan# 41

Delta R.T. 0.000 min

Lab File: VR026744.D

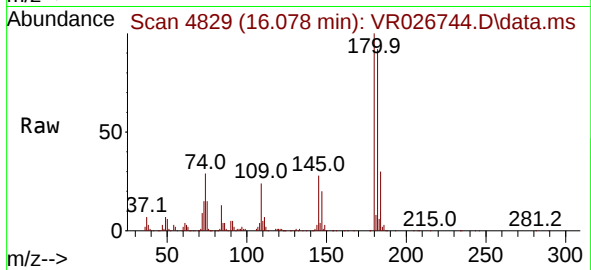
Acq: 20 Aug 2025 16:18

Instrument :

MSVOA_R

ClientSampleId :

VSTDICC040



Tgt Ion:	180	Resp:	720134
Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.5	142.6
145	30.2	15.6	46.8

