

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110221\
 Data File : VL037976.D
 Acq On : 2 Nov 2021 21:43
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Nov 03 03:50:16 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 02 05:54:07 2021
 QLast Update : Tue Nov 02 05:54:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1375741	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4097404	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.07	117	4533977	10.00	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2751146	8.35	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	1779298	9.179	ppbv	96
3) Chlorodifluoromethane	2.98	51	2454603	9.584	ppbv	100
4) Chloromethane	3.13	50	918667	9.438	ppbv	100
5) Vinyl Chloride	3.25	62	943328	10.056	ppbv	99
6) Bromomethane	3.47	94	481593	9.503	ppbv	97
7) Chloroethane	3.56	64	322158	9.514	ppbv	100
8) Dichlorotetrafluoroethane	3.19	85	2110978	9.455	ppbv	100
9) Propene	3.01	41	864042	9.410	ppbv	98
10) Heptane	8.11	43	2243199	10.500	ppbv	100
11) Trichlorofluoromethane	3.94	101	1898910	9.839	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1486514	9.880	ppbv	99
13) Ethanol	3.60	45	44462	4.800	ppbv #	11
14) Bromoethene	3.73	108	651707	9.902	ppbv	99
15) Acetone	3.84	43	1091232	9.599	ppbv	98
16) 1,3-Butadiene	3.32	39	886995	9.902	ppbv	100
17) tert-Butyl alcohol	4.28	59	1259994	10.660	ppbv	99
18) 1,1-Dichloroethene	4.28	96	674508	9.741	ppbv	98
19) Isopropyl Alcohol	3.96	45	737598	10.146	ppbv #	96
20) Methylene Chloride	4.33	84	564595	9.047	ppbv	98
21) Allyl Chloride	4.40	41	1085748	10.351	ppbv	99
22) trans-1,2-Dichloroethene	4.87	96	693984	10.086	ppbv	96
23) Vinyl Acetate	5.06	43	1675887	9.791	ppbv	98
24) 1,1-Dichloroethane	5.00	63	1380751	9.764	ppbv	98
25) Ethyl Acetate	5.66	43	3501725	10.371	ppbv	99
26) Hexane	5.67	57	1641686	10.262	ppbv	99
27) Carbon Disulfide	4.54	76	1720426	10.893	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	1379586	10.257	ppbv	100
29) Chloroform	5.74	83	2263817	9.489	ppbv	96
30) Cyclohexane	7.11	84	1382015	10.106	ppbv	98
31) cis-1,2-Dichloroethene	5.54	61	1477368	10.122	ppbv	98
32) 1,1,1-Trichloroethane	6.50	97	2153734	9.184	ppbv	99
34) 2-Butanone	5.23	43	1473471	9.705	ppbv	99
35) Carbon Tetrachloride	7.00	117	2232123	9.011	ppbv	98
36) Benzene	6.88	78	3360396	10.071	ppbv	99
37) 1,2-Dichloroethane	6.29	62	1606913	10.130	ppbv	99
38) Trichloroethene	7.82	130	1317276	9.512	ppbv	93
39) 1,2-Dichloropropane	7.60	63	1260685	10.041	ppbv	98
40) 1,4-Dioxane	7.82	88	167460	5.065	ppbv #	1
41) Tetrahydrofuran	6.04	42	809750	10.900	ppbv	97
42) Bromodichloromethane	7.77	83	2369200	9.878	ppbv	100
43) Methyl Methacrylate	8.00	69	1217242	11.114	ppbv	99

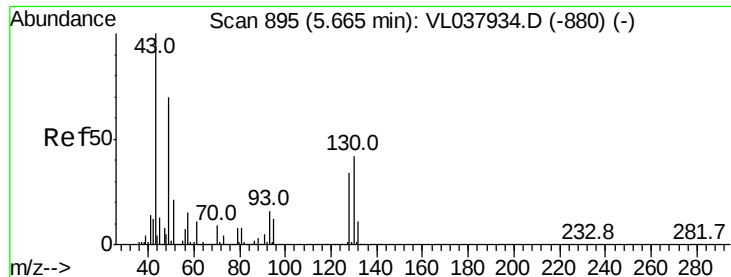
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110221\
 Data File : VL037976.D
 Acq On : 2 Nov 2021 21:43
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Nov 03 03:50:16 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 02 05:54:07 2021
 QLast Update : Tue Nov 02 05:54:07 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	5682222	10.012	ppbv	100
45) t-1,3-Dichloropropene	9.26	75	945215	11.745	ppbv	97
46) cis-1,3-Dichloropropene	8.69	75	1257925	11.369	ppbv	97
47) 1,1,2-Trichloroethane	9.46	97	1325960	9.400	ppbv	99
48) Dibromochloromethane	10.28	129	2012803	10.078	ppbv	99
49) Bromoform	13.02	173	1530502	9.694	ppbv	99
50) 4-Methyl-2-Pentanone	8.73	43	2166627	10.861	ppbv	99
51) 2-Hexanone	10.12	43	970099	11.539	ppbv	99
52) Tetrachloroethene	11.20	164	1185549	9.366	ppbv	97
53) Toluene	9.79	91	3804877	10.636	ppbv	100
54) 1,2-Dibromoethane	10.59	107	1809498	9.946	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.10	131	1360657	7.433	ppbv #	59
57) Chlorobenzene	12.13	112	2706719	7.479	ppbv	97
58) Ethyl Benzene	12.69	91	4662310	8.409	ppbv	100
59) m/p-Xylene	12.98	91	4336024	8.798	ppbv #	43
60) o-Xylene	13.67	91	3615880	7.782	ppbv	100
61) Styrene	13.51	104	1981082	9.284	ppbv	98
62) Isopropylbenzene	14.65	105	4995664	7.593	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.66	83	2496601	6.243	ppbv	97
64) n-propylbenzene	15.54	120	1322947	7.848	ppbv	97
65) tert-Butylbenzene	16.73	119	4262224	7.330	ppbv	100
66) Benzyl Chloride	16.96	91	110164	3.626	ppbv #	59
67) sec-Butylbenzene	17.27	105	5947449	7.424	ppbv	100
69) p-Isopropyltoluene	17.63	119	4975973	7.744	ppbv	100
70) n-Butylbenzene	18.53	91	4966689	8.412	ppbv	100
71) 2-Chlorotoluene	15.43	91	3535237	7.669	ppbv	98
72) 4-Ethyltoluene	15.82	105	4140451	7.778	ppbv	99
73) 1,3,5-Trimethylbenzene	15.98	105	3744148	7.511	ppbv	99
74) 1,2,4-Trimethylbenzene	16.74	105	3944510	7.553	ppbv	95
75) 1,3-Dichlorobenzene	16.97	146	2466330	7.585	ppbv	100
76) 1,4-Dichlorobenzene	17.11	146	2385305	7.581	ppbv	100
77) 1,2-Dichlorobenzene	17.79	146	2385833	7.814	ppbv	99
78) Hexachloro-1,3-Butadiene	23.35	225	2081640	7.966	ppbv	98
79) Naphthalene	22.17	128	3838332	12.757	ppbv	98
80) Naphthalene, 2-methyl-	24.95	142	839424	14.331	ppbv	98
81) 1,2,4-Trichlorobenzene	21.90	180	2130941	10.881	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 2 Nov 2021 21:43

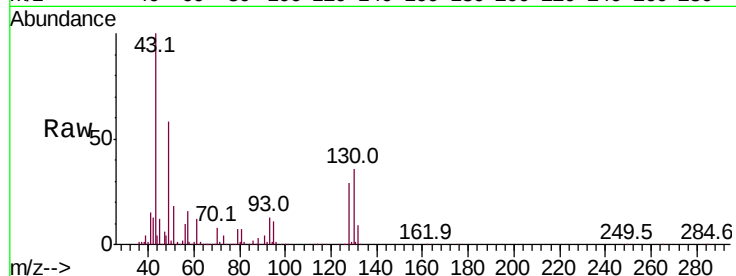
Tot Ion: 49 Resp: 1375741

Ion Ratio Lower Upper

49 100

128 54.3 27.0 81.0

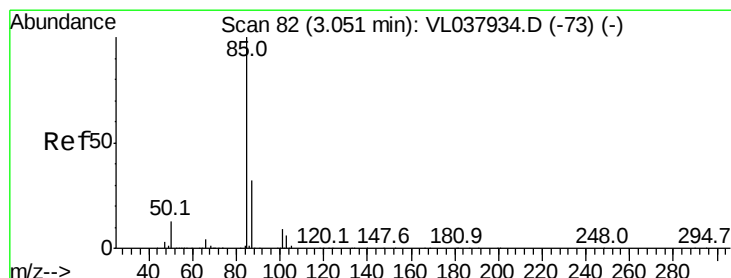
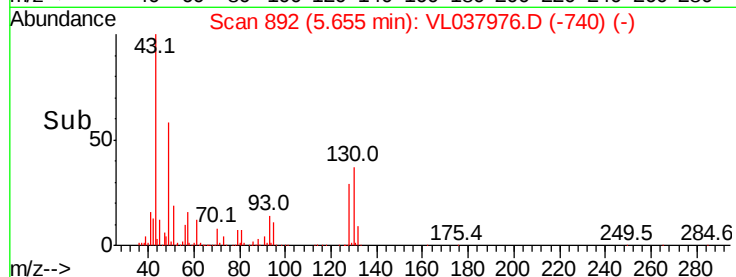
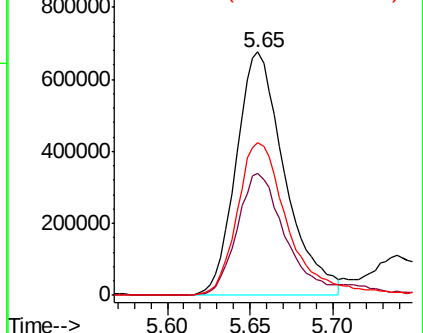
130 66.9 33.4 100.2



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 9.179 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.01 min

Lab File: VL037976.D

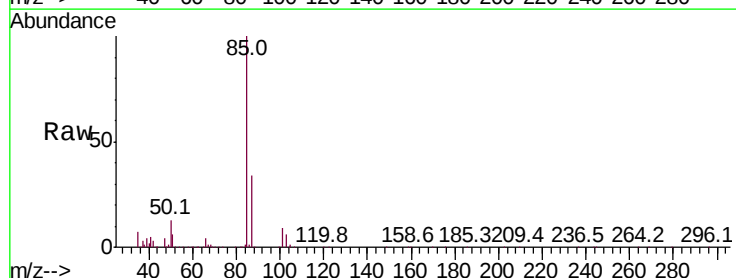
Acq: 2 Nov 2021 21:43

Tgt Ion: 85 Resp: 1779298

Ion Ratio Lower Upper

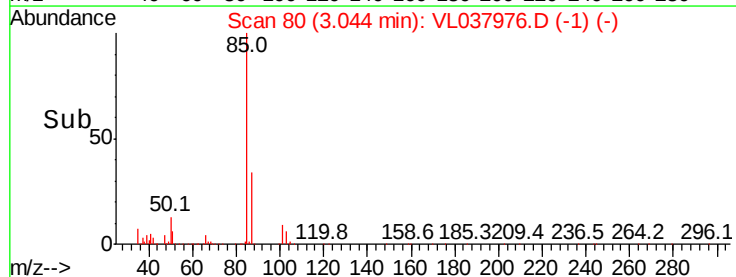
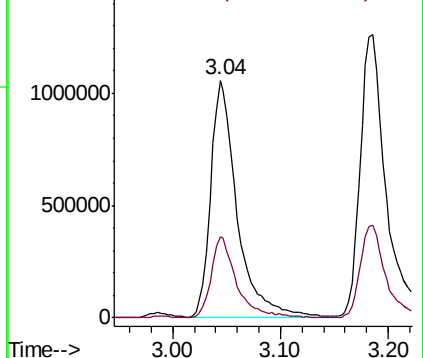
85 100

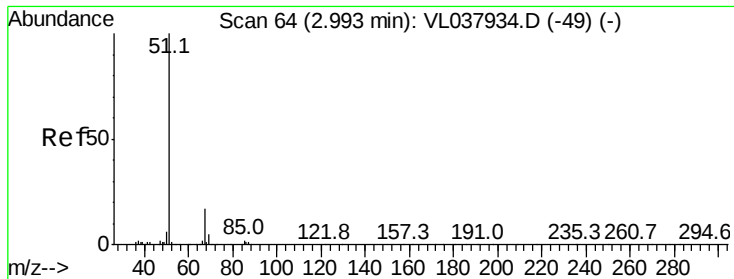
87 34.1 25.3 37.9



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.584 ppbv

RT: 2.98 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

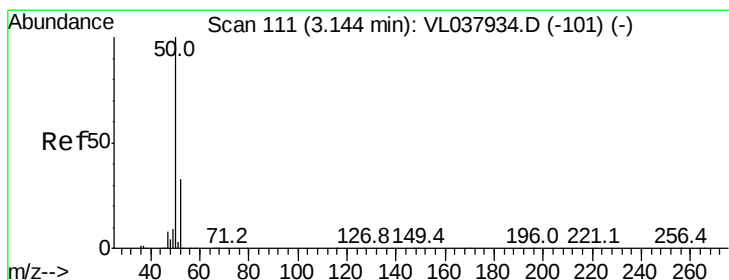
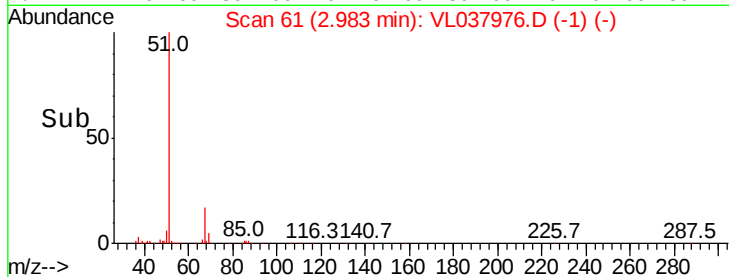
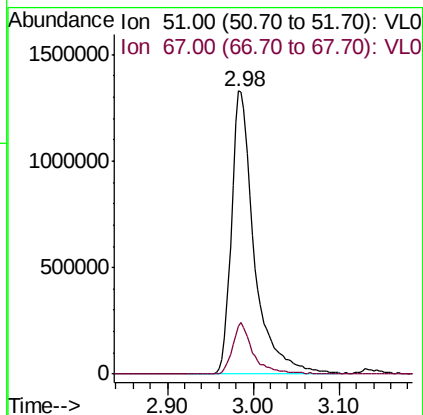
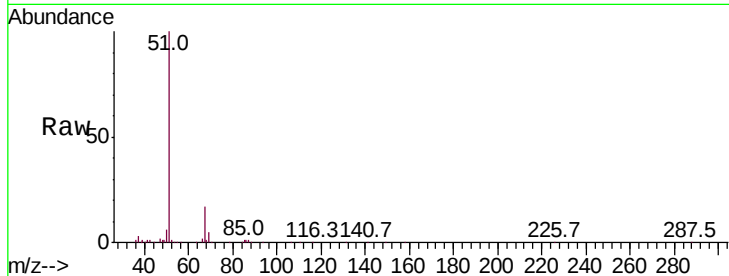
Acq: 2 Nov 2021 21:43 VSTDCCC010EC

Tot Ion: 51 Resp: 2454603

Ion Ratio Lower Upper

51 100

67 16.5 13.4 20.0



#4

Chloromethane

Concen: 9.438 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.01 min

Lab File: VL037976.D

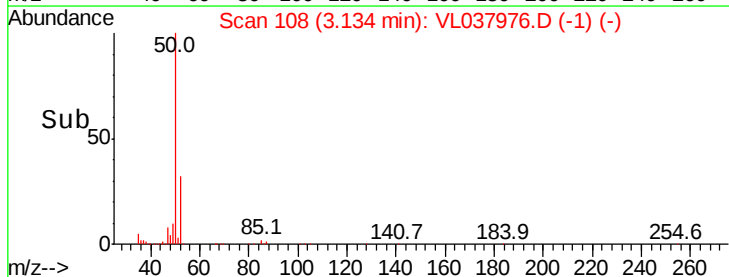
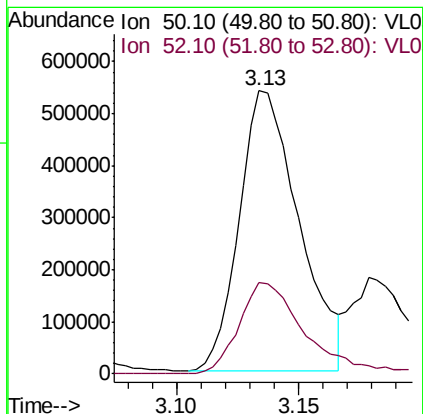
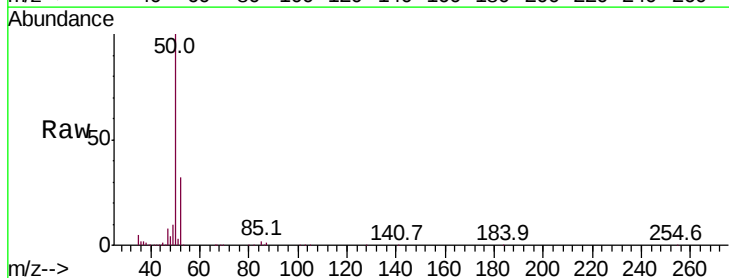
Acq: 2 Nov 2021 21:43

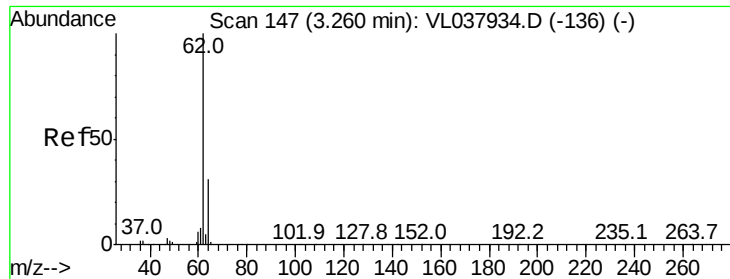
Tgt Ion: 50 Resp: 918667

Ion Ratio Lower Upper

50 100

52 32.7 26.3 39.5





#5

Vinyl Chloride

Concen: 10.056 ppbv

RT: 3.25 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

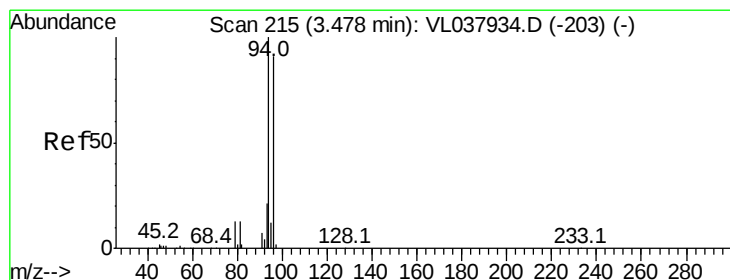
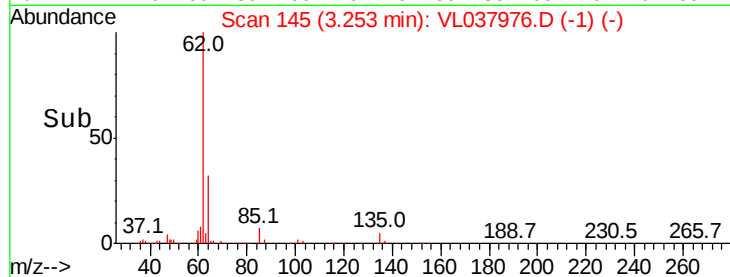
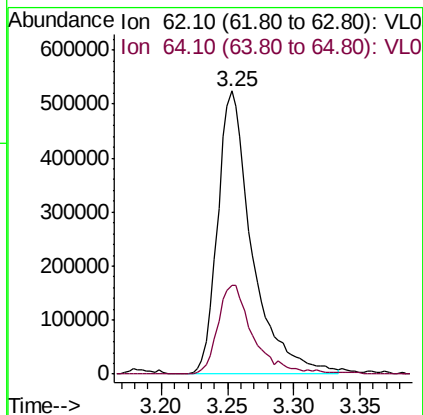
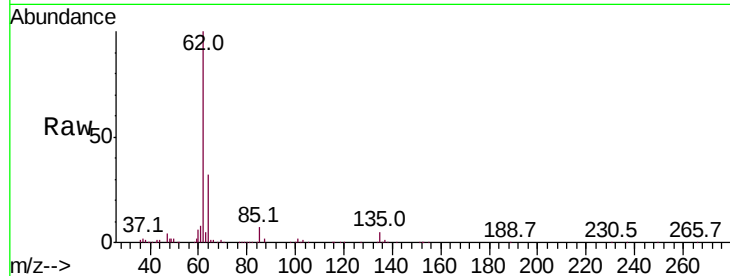
Acq: 2 Nov 2021 21:43 VSTDCCC010EC

Tot Ion: 62 Resp: 943328

Ion Ratio Lower Upper

62 100

64 31.5 24.7 37.1



#6

Bromomethane

Concen: 9.503 ppbv

RT: 3.47 min Scan# 213

Delta R.T. -0.01 min

Lab File: VL037976.D

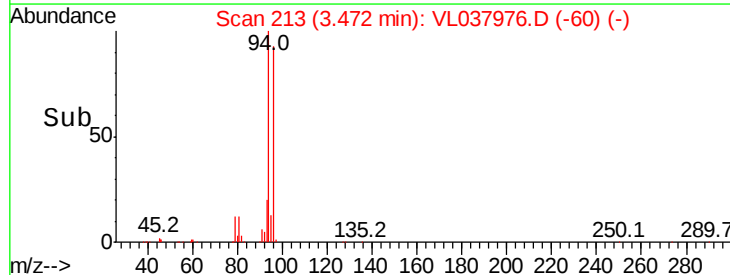
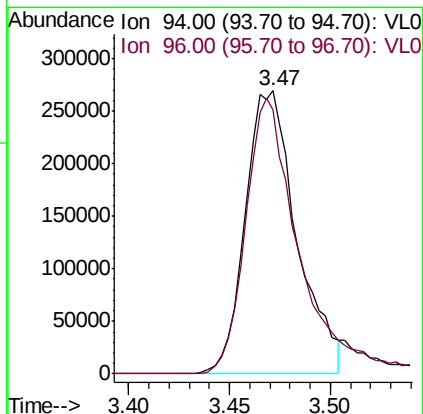
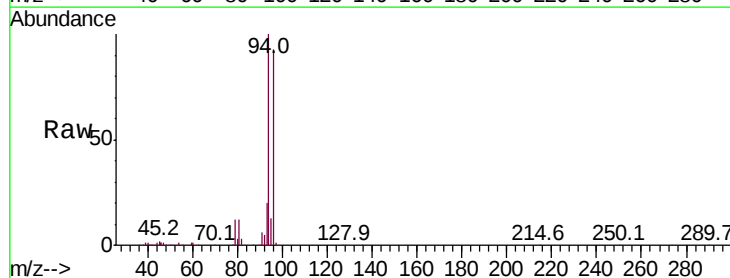
Acq: 2 Nov 2021 21:43

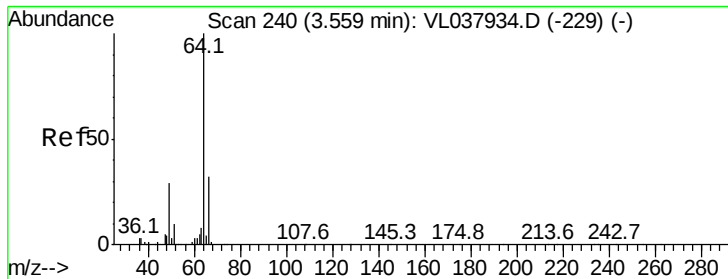
Tgt Ion: 94 Resp: 481593

Ion Ratio Lower Upper

94 100

96 93.6 73.0 109.4





#7

Chloroethane

Concen: 9.514 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

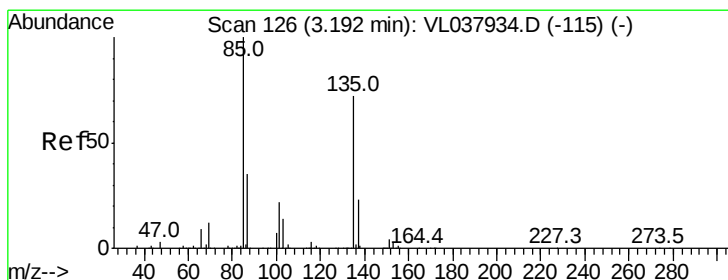
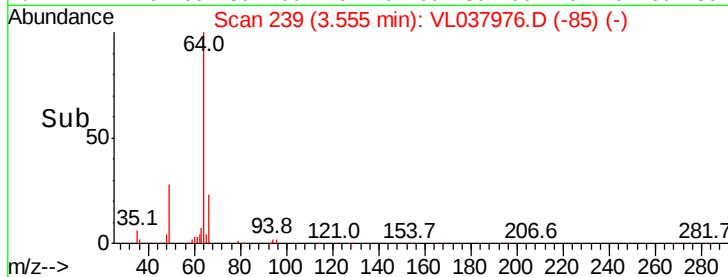
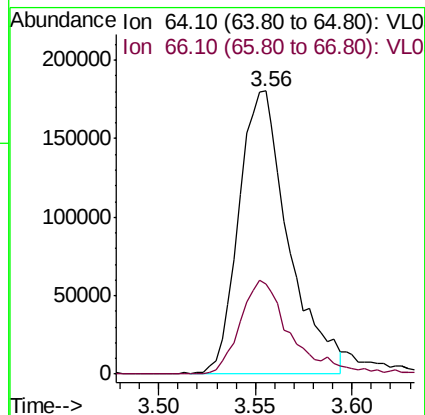
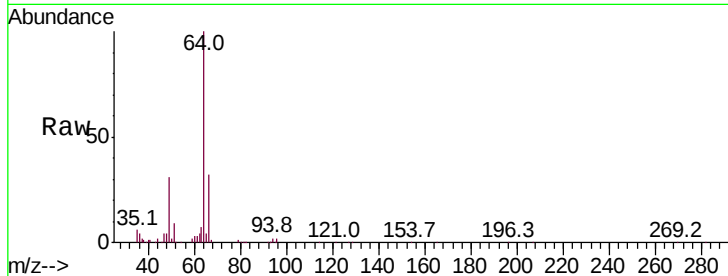
Acq: 2 Nov 2021 21:43 VSTDCCC010EC

Tot Ion: 64 Resp: 322158

Ion Ratio Lower Upper

64 100

66 31.8 25.5 38.3



#8

Dichlorotetrafluoroethane

Concen: 9.455 ppbv

RT: 3.19 min Scan# 124

Delta R.T. -0.01 min

Lab File: VL037976.D

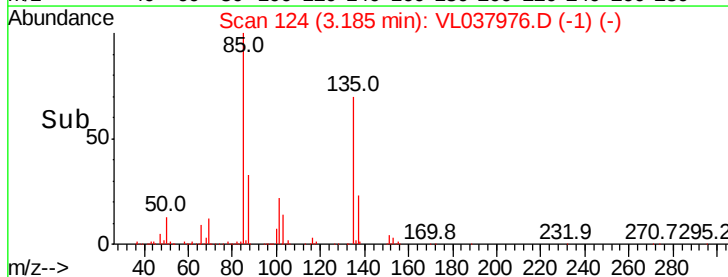
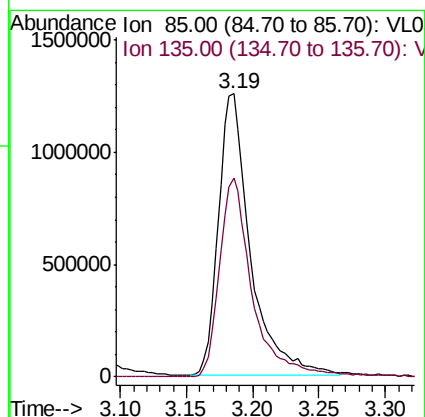
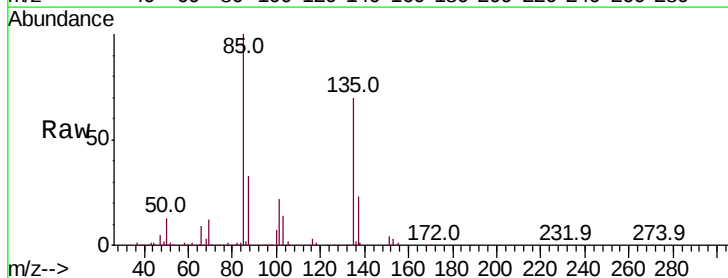
Acq: 2 Nov 2021 21:43

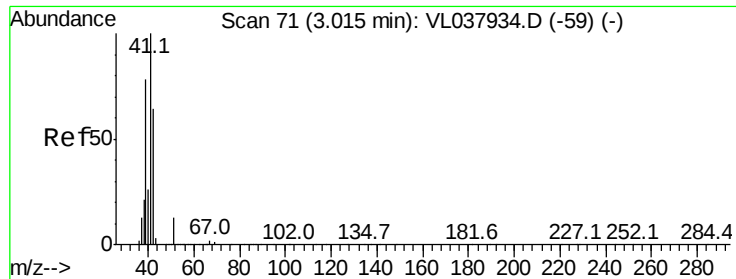
Tgt Ion: 85 Resp: 2110978

Ion Ratio Lower Upper

85 100

135 73.1 58.8 88.2





#9

Propene

Concen: 9.410 ppbv

RT: 3.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

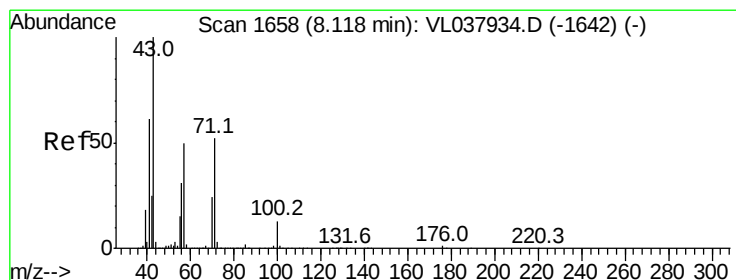
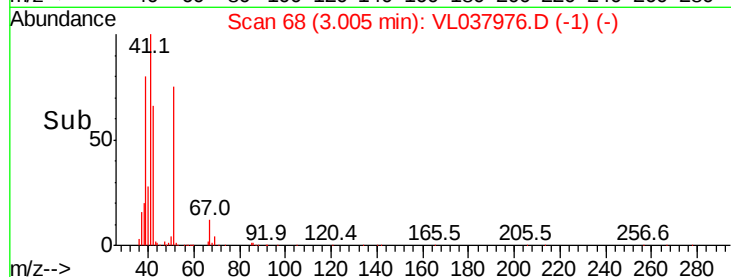
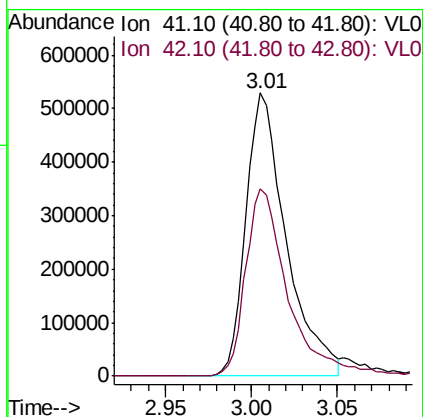
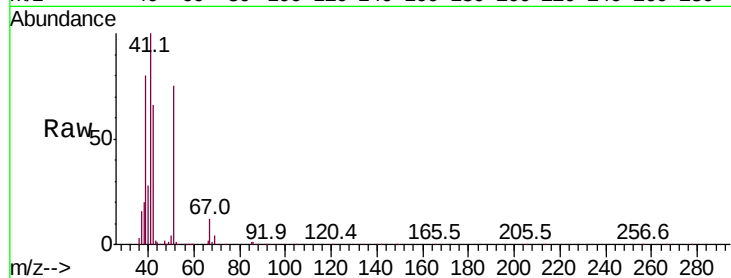
Acq: 2 Nov 2021 21:43

Tot Ion: 41 Resp: 864042

Ion Ratio Lower Upper

41 100

42 70.5 57.6 86.4



#10

Heptane

Concen: 10.500 ppbv

RT: 8.11 min Scan# 1655

Delta R.T. -0.01 min

Lab File: VL037976.D

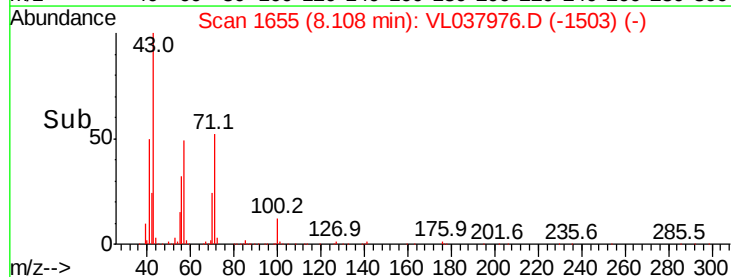
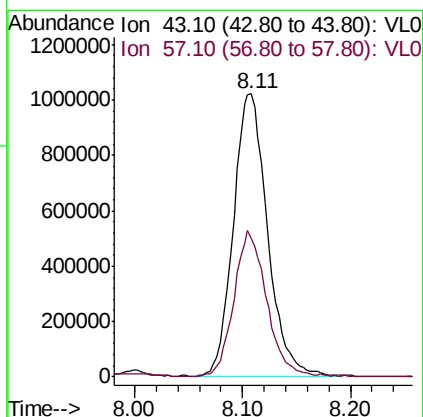
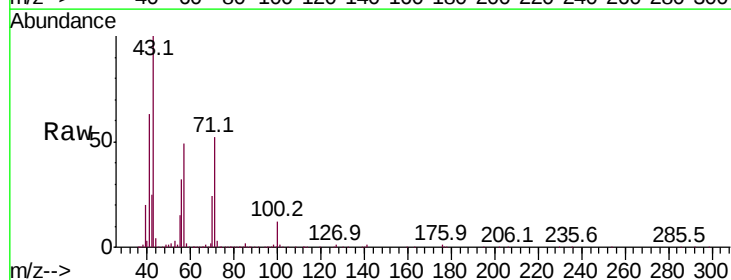
Acq: 2 Nov 2021 21:43

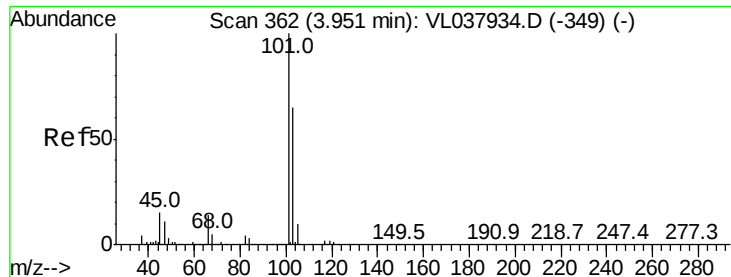
Tgt Ion: 43 Resp: 2243199

Ion Ratio Lower Upper

43 100

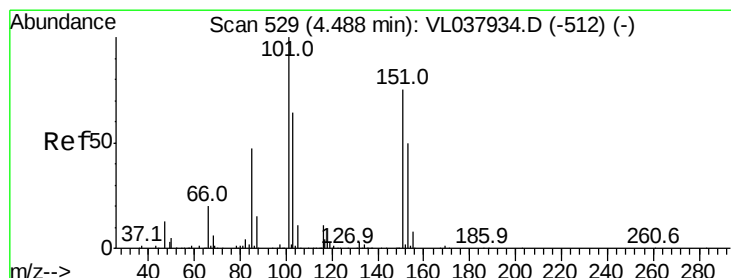
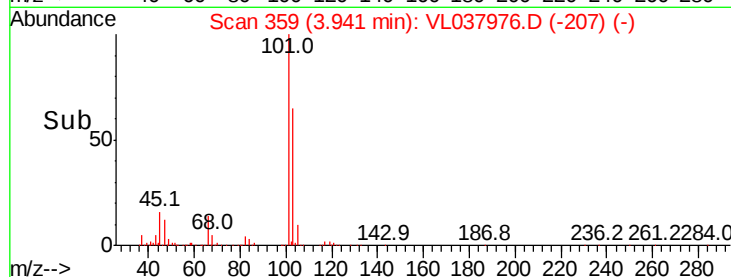
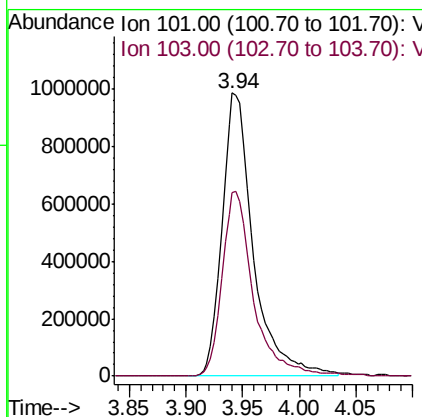
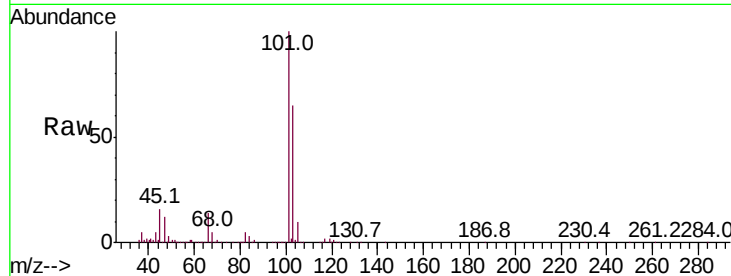
57 50.0 39.8 59.8





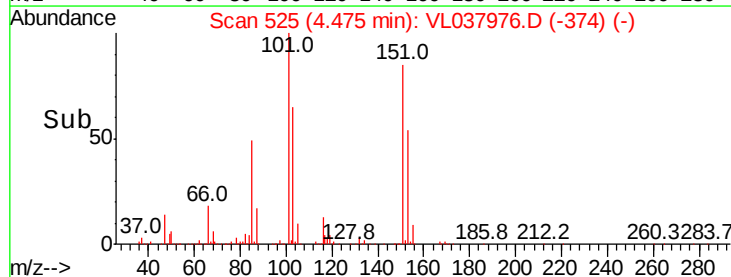
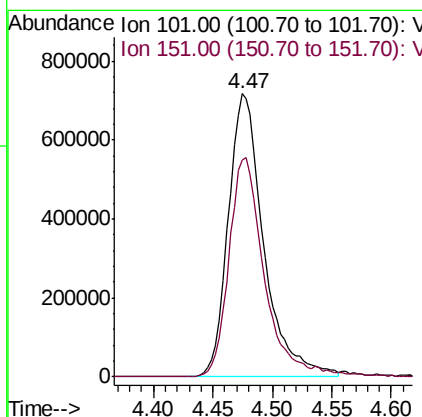
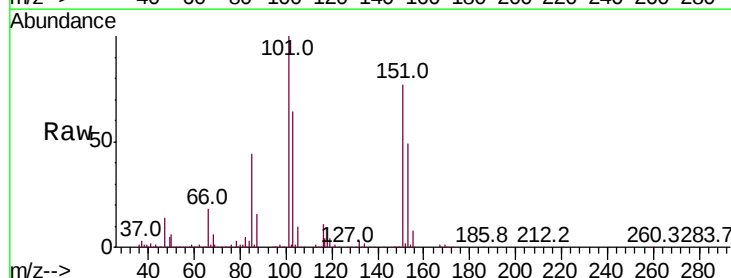
#11
 Trichlorofluoromethane
 Concen: 9.839 ppbv
 RT: 3.94
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 2 Nov 2021 21:43

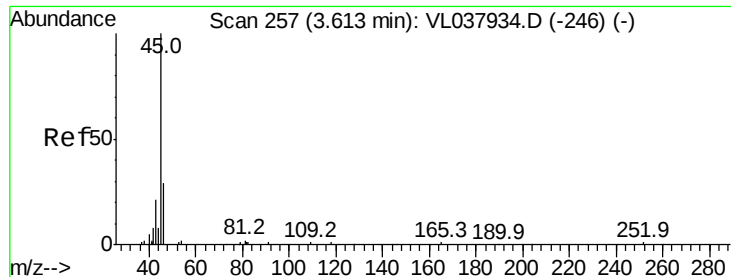
Tot Ion:101 Resp: 1898910
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.0 78.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.880 ppbv
 RT: 4.47 min Scan# 525
 Delta R.T. -0.01 min
 Lab File: VL037976.D
 Acq: 2 Nov 2021 21:43

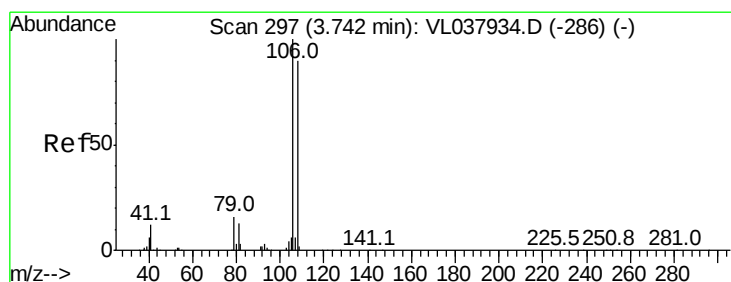
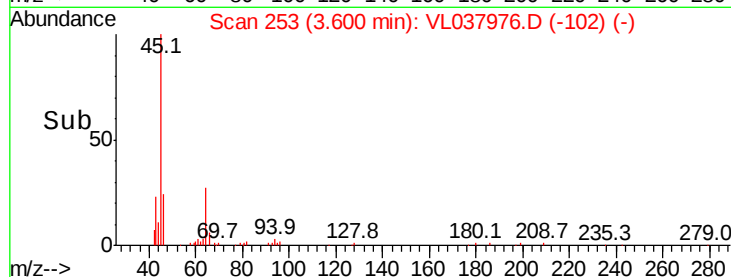
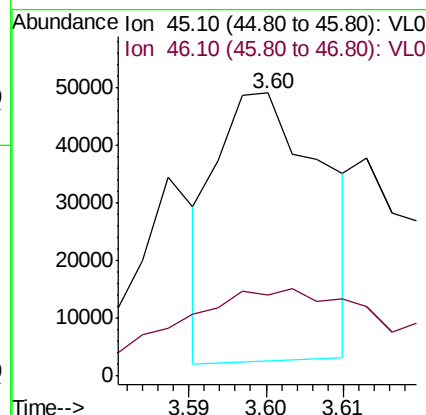
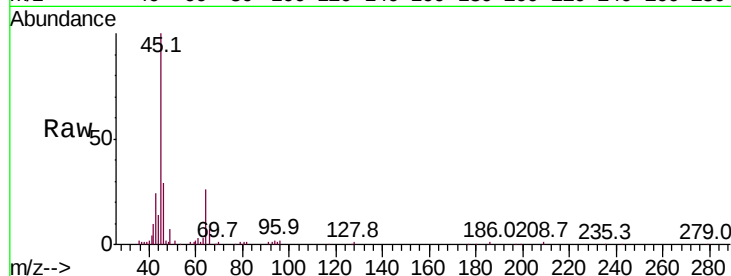
Tgt Ion:101 Resp: 1486514
 Ion Ratio Lower Upper
 101 100
 151 77.8 61.8 92.8





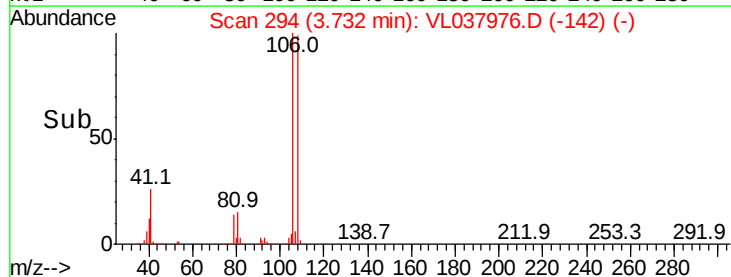
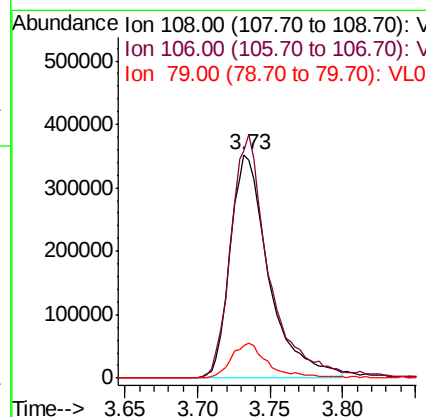
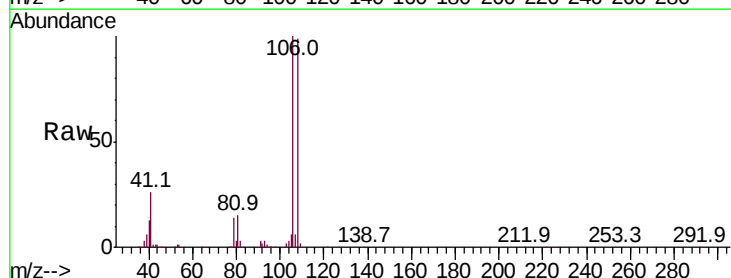
#13
 Ethanol
 Concen: 4.800 ppbv
 RT: 3.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 2 Nov 2021 21:43

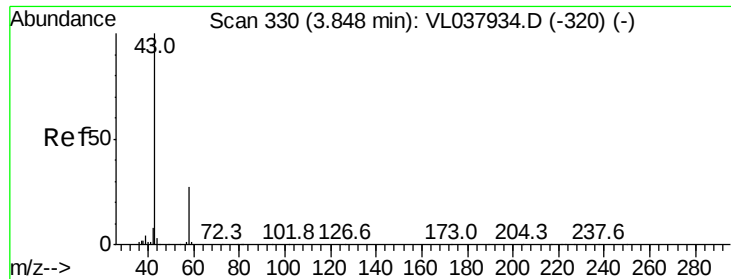
Tot Ion: 45 Resp: 44462
 Ion Ratio Lower Upper
 45 100
 46 100.8 17.4 69.8#



#14
 Bromoethene
 Concen: 9.902 ppbv
 RT: 3.73 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VL037976.D
 Acq: 2 Nov 2021 21:43

Tgt Ion: 108 Resp: 651707
 Ion Ratio Lower Upper
 108 100
 106 109.4 88.4 132.6
 79 15.6 12.4 18.6





#15

Acetone

Concen: 9.599 ppbv

RT: 3.84 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

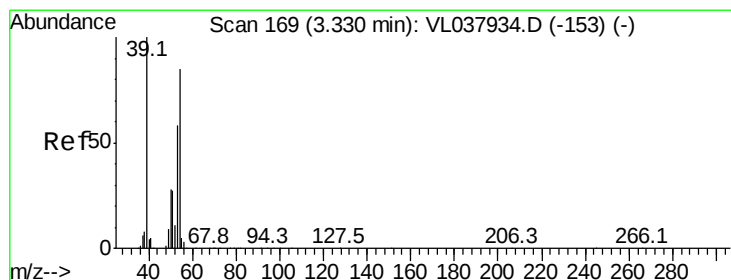
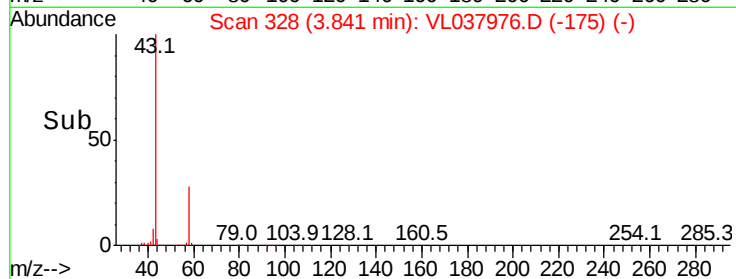
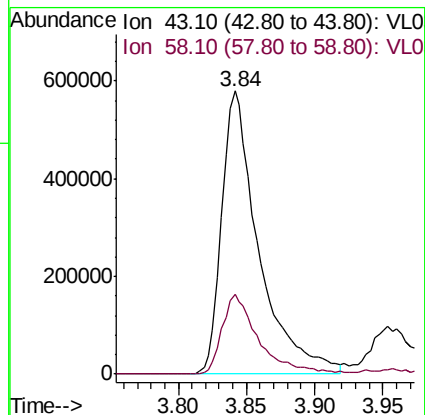
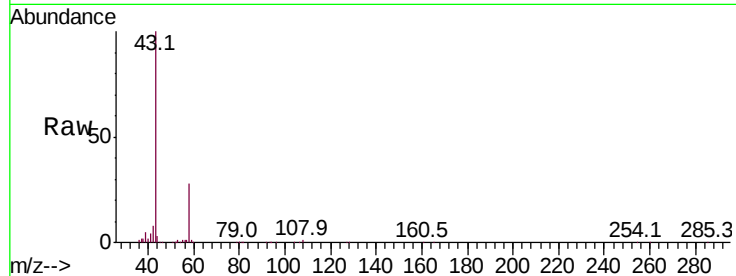
Acq: 2 Nov 2021 21:43

Tot Ion: 43 Resp: 1091232

Ion Ratio Lower Upper

43 100

58 28.2 23.3 34.9



#16

1,3-Butadiene

Concen: 9.902 ppbv

RT: 3.32 min Scan# 166

Delta R.T. -0.01 min

Lab File: VL037976.D

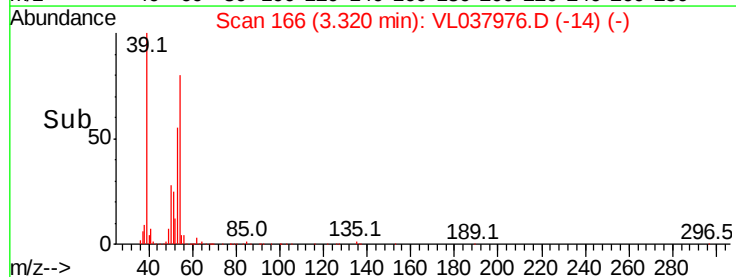
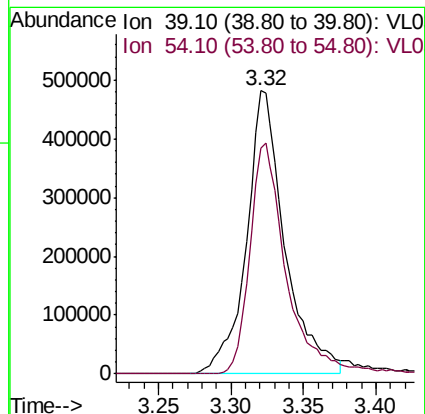
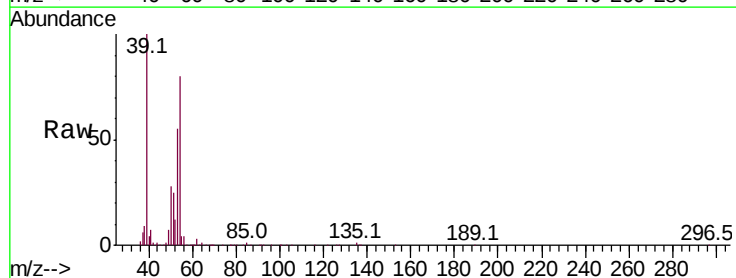
Acq: 2 Nov 2021 21:43

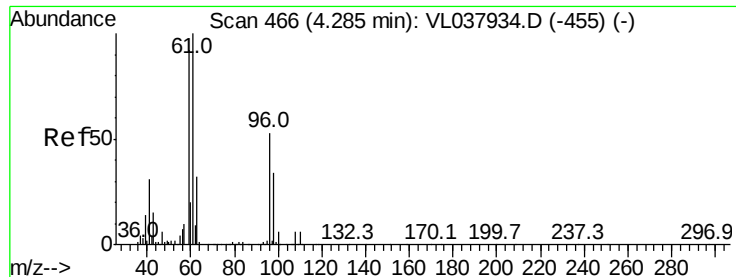
Tgt Ion: 39 Resp: 886995

Ion Ratio Lower Upper

39 100

54 78.5 62.6 93.8





#17

tert-Butyl alcohol

Concen: 10.660 ppbv

RT: 4.28 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

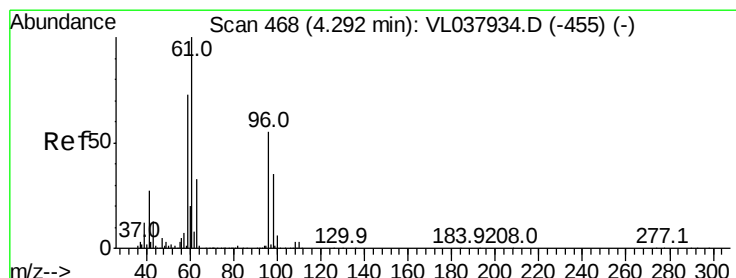
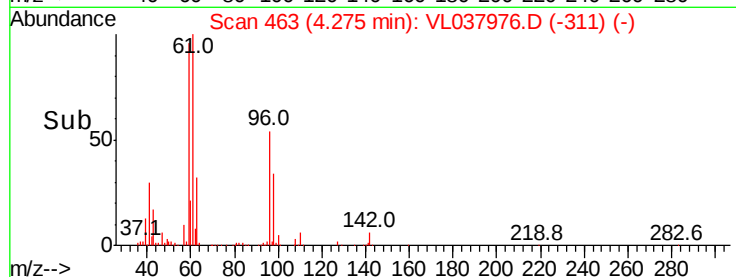
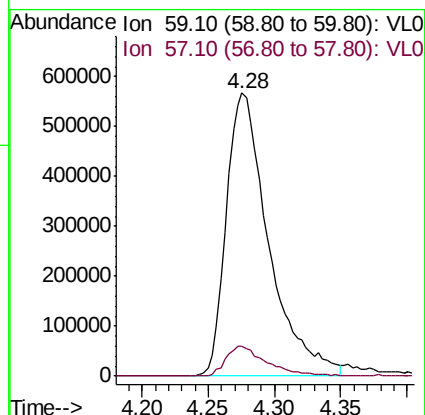
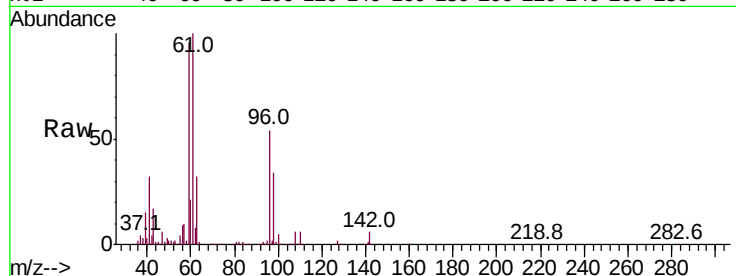
Acq: 2 Nov 2021 21:43

Tot Ion: 59 Resp: 1259994

Ion Ratio Lower Upper

59 100

57 10.6 8.9 13.3



#18

1,1-Dichloroethene

Concen: 9.741 ppbv

RT: 4.28 min Scan# 464

Delta R.T. -0.01 min

Lab File: VL037976.D

Acq: 2 Nov 2021 21:43

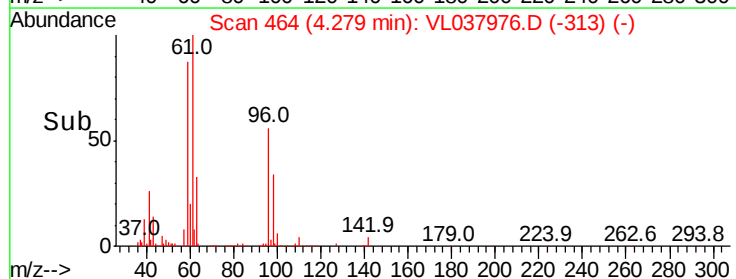
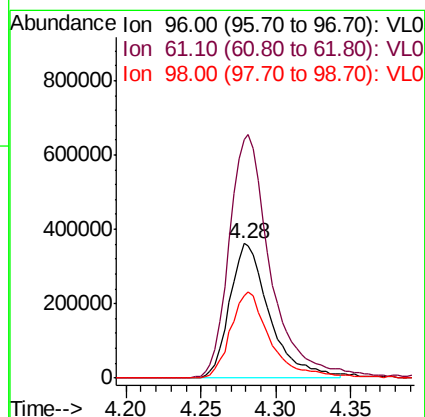
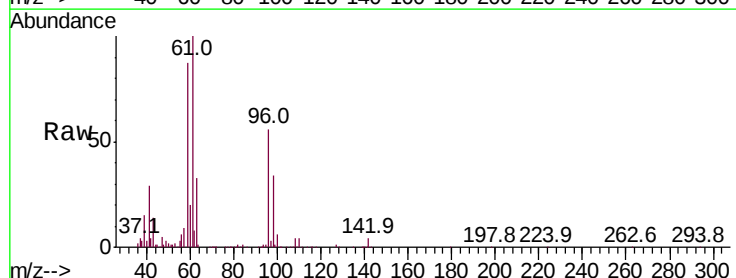
Tgt Ion: 96 Resp: 674508

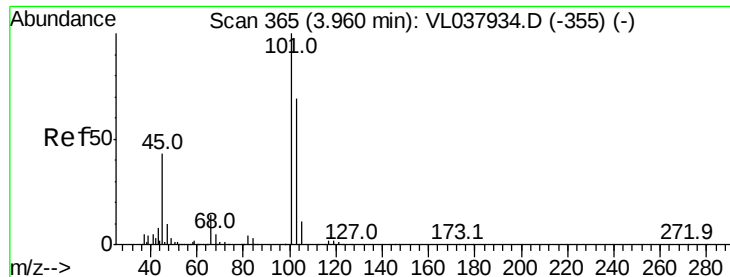
Ion Ratio Lower Upper

96 100

61 177.4 144.3 216.5

98 60.8 50.5 75.7





#19

Isopropyl Alcohol

Concen: 10.146 ppbv

RT: 3.96 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

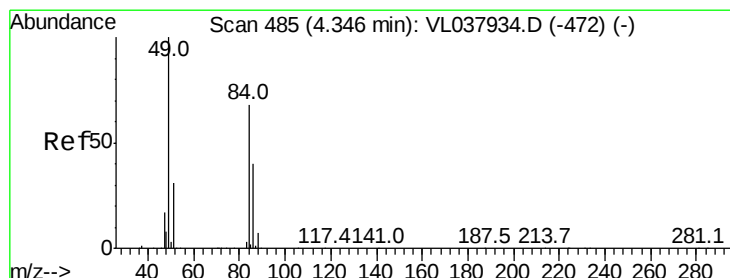
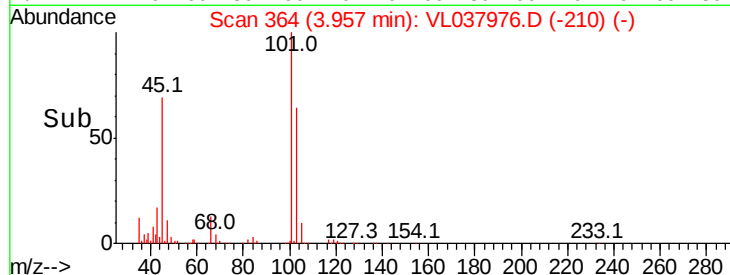
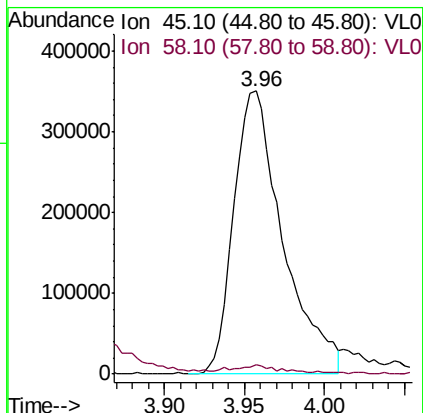
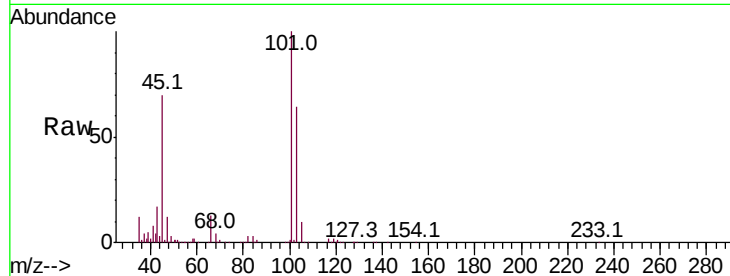
Acq: 2 Nov 2021 21:43 VSTDCCC010EC

Tot Ion: 45 Resp: 737598

Ion Ratio Lower Upper

45 100

58 3.5 4.0 6.0#



#20

Methylene Chloride

Concen: 9.047 ppbv

RT: 4.33 min Scan# 481

Delta R.T. -0.01 min

Lab File: VL037976.D

Acq: 2 Nov 2021 21:43

Tgt Ion: 84 Resp: 564595

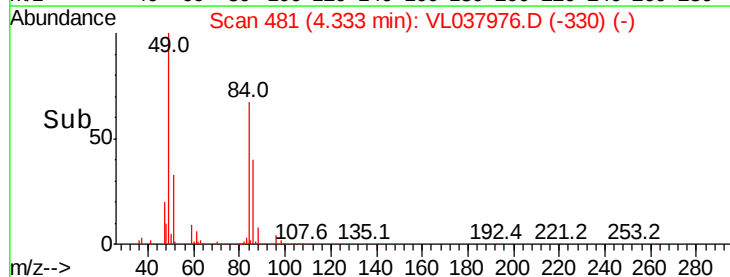
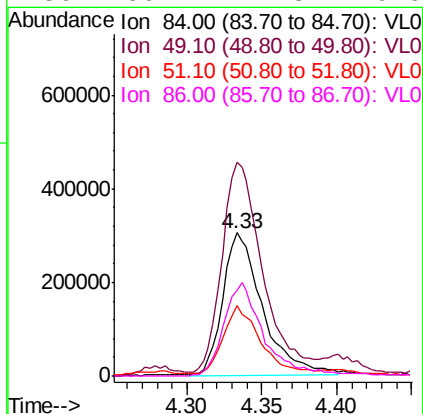
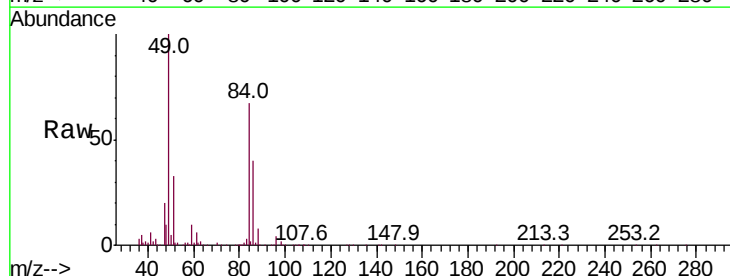
Ion Ratio Lower Upper

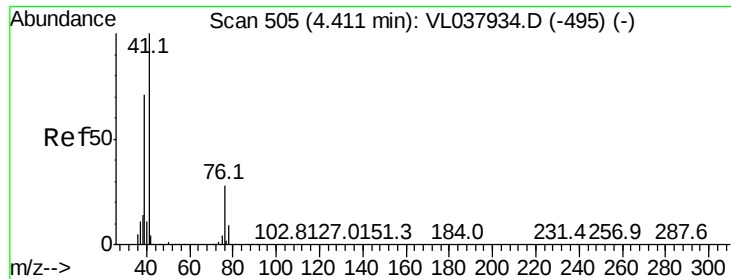
84 100

49 148.1 117.5 176.3

51 47.8 35.9 53.9

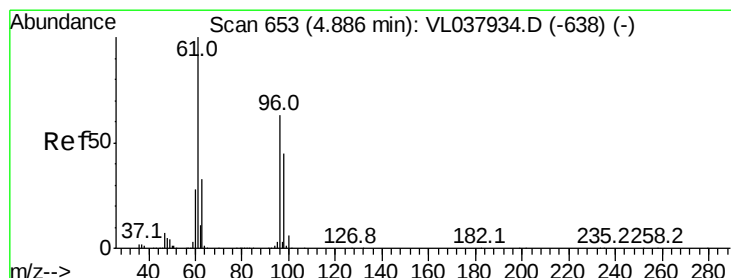
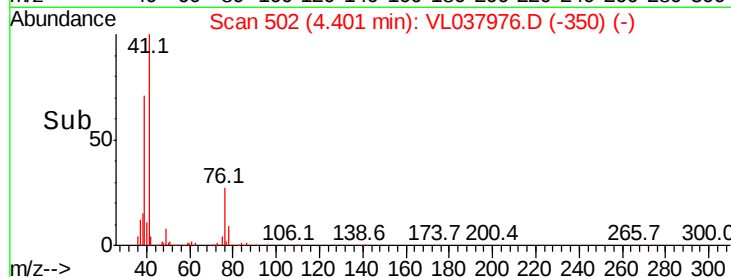
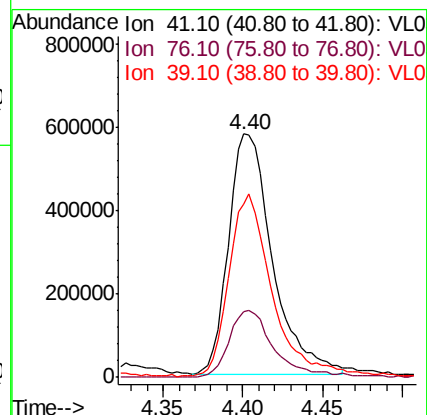
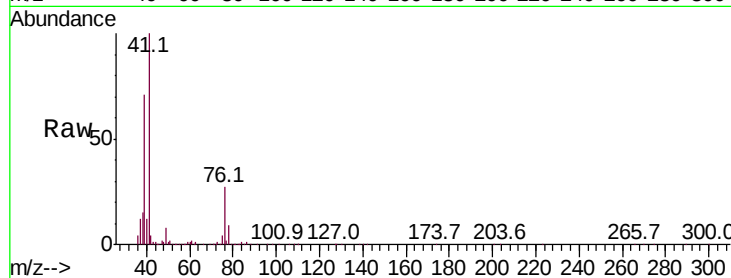
86 60.7 47.3 70.9





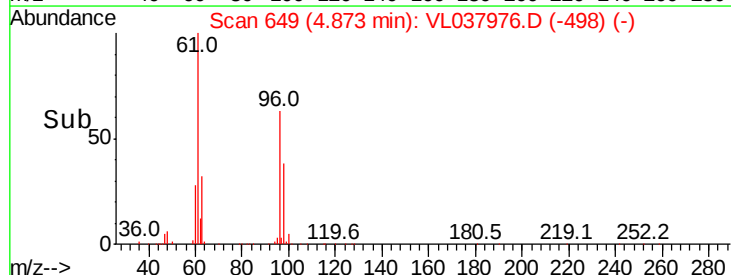
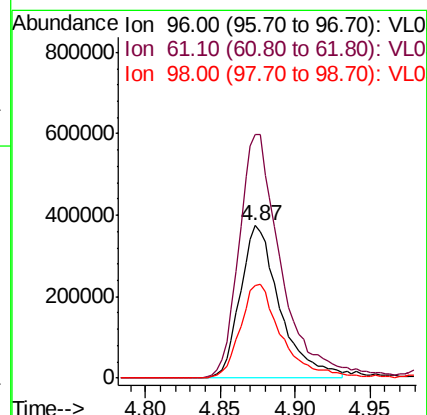
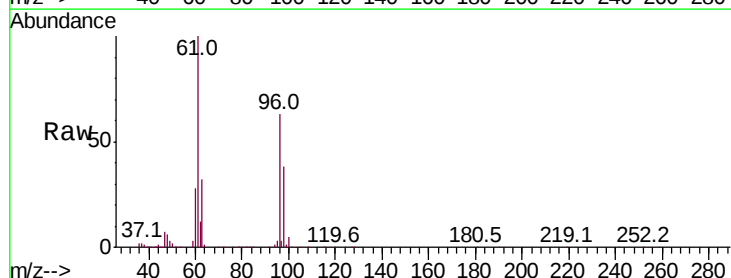
#21
 Allvl Chloride
 Concen: 10.351 ppbv
 RT: 4.40
 Instrument: MSVOA_1
 Delta R.T.:
 ClientSampleId:
 Lab File: VSTDCCC010EC
 Acq: 2 Nov 2021 21:43

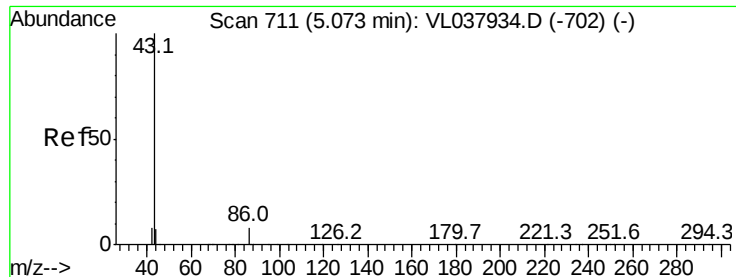
Tot Ion: 41 Resp: 1085748
 Ion Ratio Lower Upper
 41 100
 76 28.6 23.6 35.4
 39 74.2 59.7 89.5



#22
 trans-1,2-Dichloroethene
 Concen: 10.086 ppbv
 RT: 4.87 min Scan# 649
 Delta R.T.: -0.01 min
 Lab File: VL037976.D
 Acq: 2 Nov 2021 21:43

Tgt Ion: 96 Resp: 693984
 Ion Ratio Lower Upper
 96 100
 61 159.5 127.8 191.6
 98 60.7 56.9 85.3





#23

Vinyl Acetate

Concen: 9.791 ppbv

RT: 5.06 Instrument: MSVOA_1

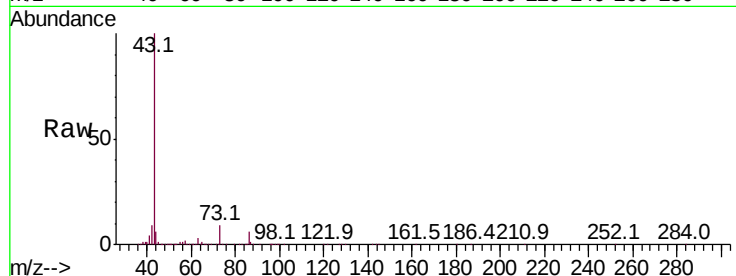
Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

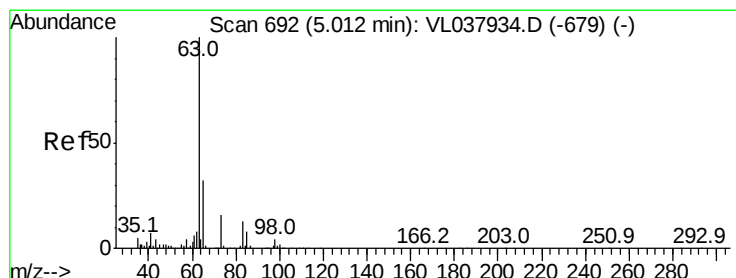
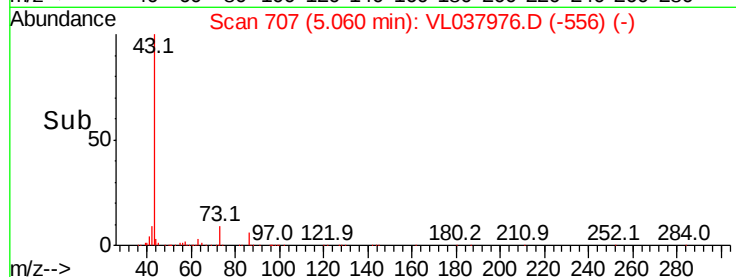
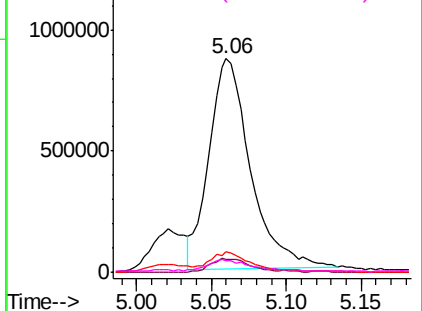
Acq: 2 Nov 2021 21:43

Tot Ion: 43 Resp: 1675887

Ion	Ratio	Lower	Upper
43	100		
86	5.9	5.5	8.3
42	9.1	7.4	11.2
44	5.0	4.7	7.1



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 86.10 (85.80 to 86.80): VL0
 Ion 42.10 (41.80 to 42.80): VL0
 Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 9.764 ppbv

RT: 5.00 min Scan# 688

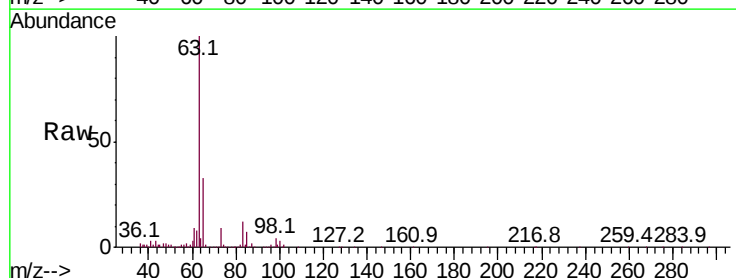
Delta R.T. -0.01 min

Lab File: VL037976.D

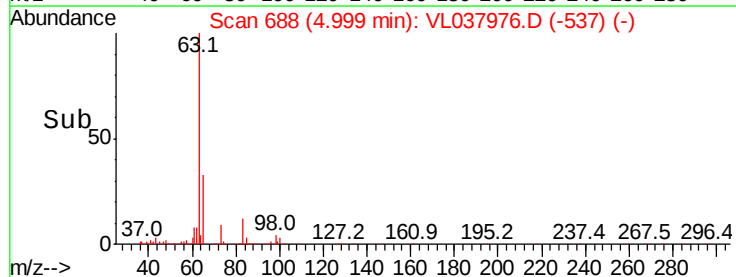
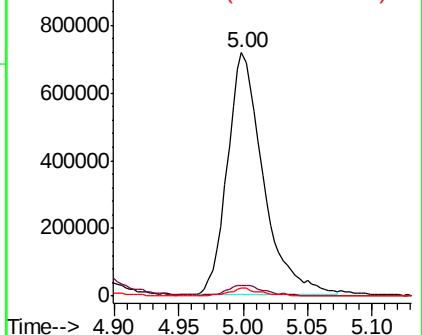
Acq: 2 Nov 2021 21:43

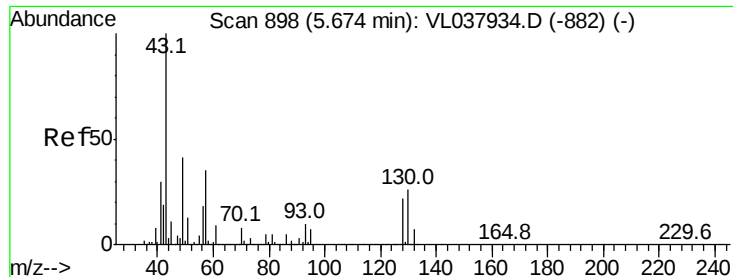
Tgt Ion: 63 Resp: 1380751

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.3	6.9
100	3.3	1.2	3.6



Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 98.00 (97.70 to 98.70): VL0
 Ion 100.00 (99.70 to 100.70): VL0

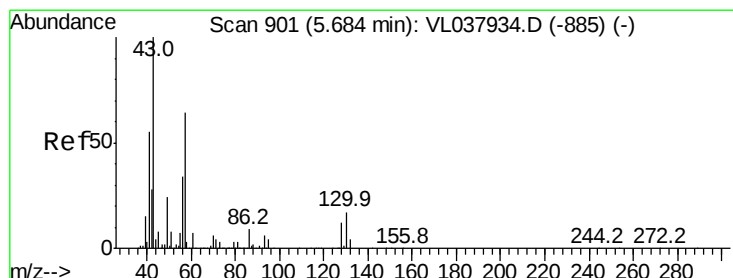
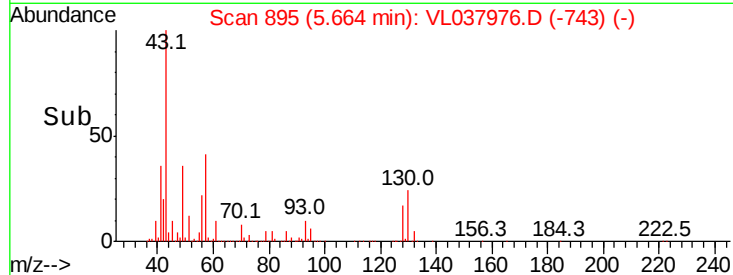
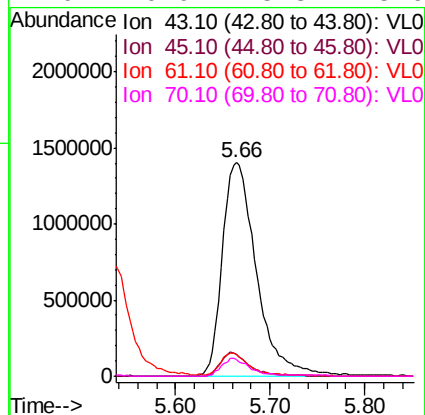
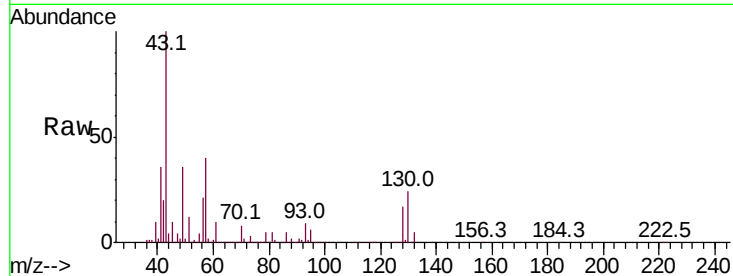




#25
Ethyl Acetate
Concen: 10.371 ppbv
RT: 5.66
Instrument: MSVOA_1
Delta R.T.:
ClientSampleId:
Lab File: VSTDCCC010EC
Acq: 2 Nov 2021 21:43

Tot Ion: 43 Resp: 3501725

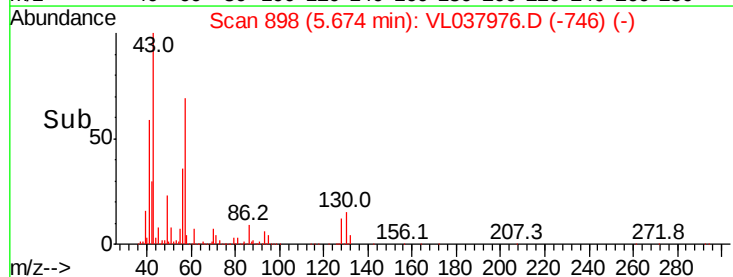
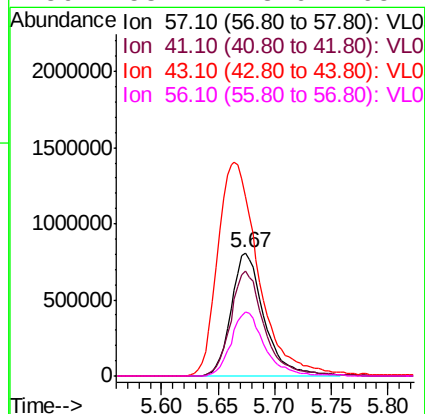
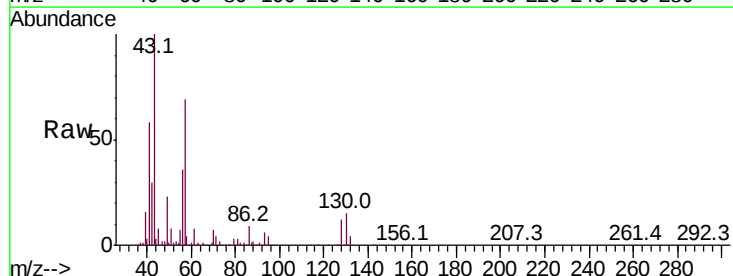
Ion	Ratio	Lower	Upper
43	100		
45	9.8	8.1	12.1
61	9.9	8.1	12.1
70	6.9	5.8	8.6

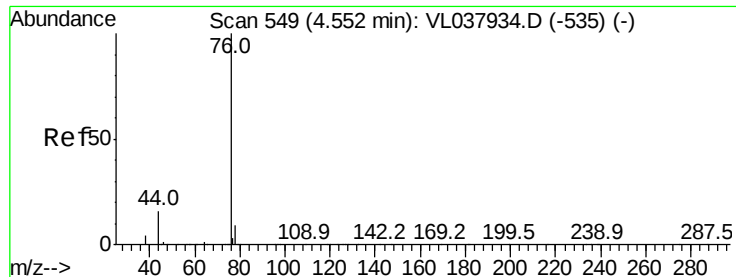


#26
Hexane
Concen: 10.262 ppbv
RT: 5.67 min Scan# 898
Delta R.T.: -0.01 min
Lab File: VL037976.D
Acq: 2 Nov 2021 21:43

Tgt Ion: 57 Resp: 1641686

Ion	Ratio	Lower	Upper
57	100		
41	87.4	71.0	106.6
43	214.3	173.0	259.6
56	53.4	43.6	65.4





#27

Carbon Disulfide

Concen: 10.893 ppbv

RT: 4.54 Instrument: MSVOA_1

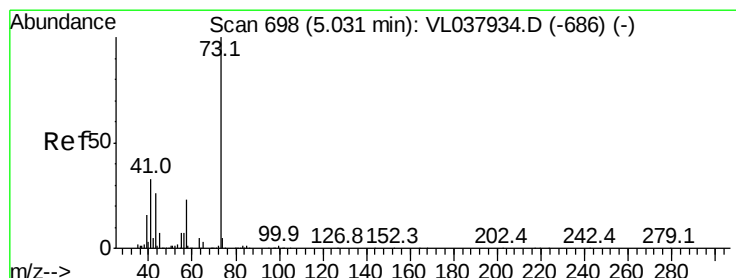
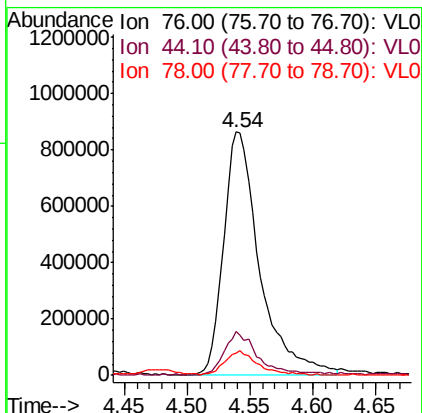
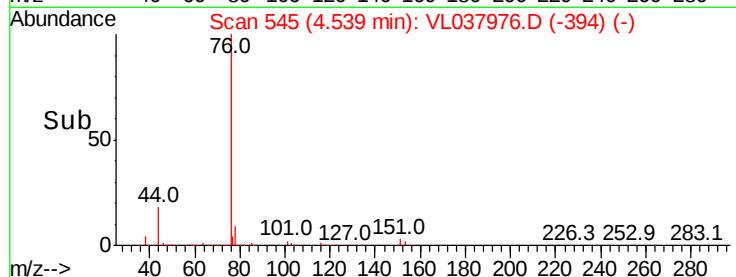
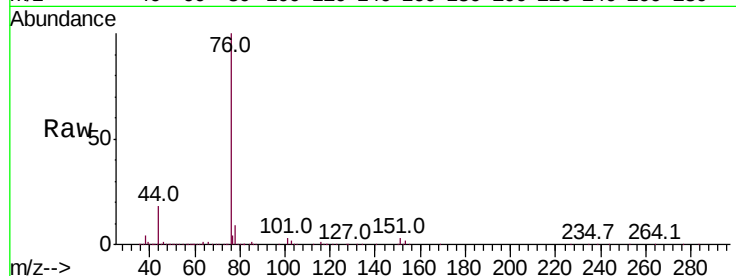
Delta R.T.

Lab File: ClientSampleId:

Acq: 2 Nov 2021 21:43 VSTDCCC010EC

Tot Ion: 76 Resp: 1720426

Ion	Ratio	Lower	Upper
76	100		
44	17.1	13.2	19.8
78	9.5	7.2	10.8



#28

Methyl tert-Butyl Ether

Concen: 10.257 ppbv

RT: 5.02 min Scan# 696

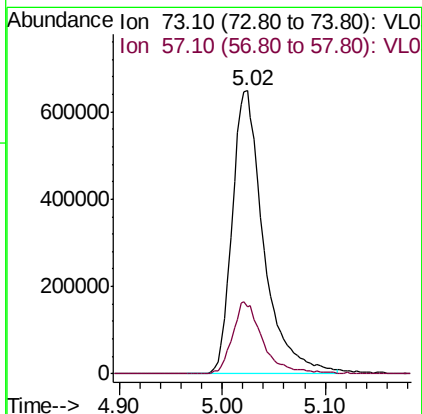
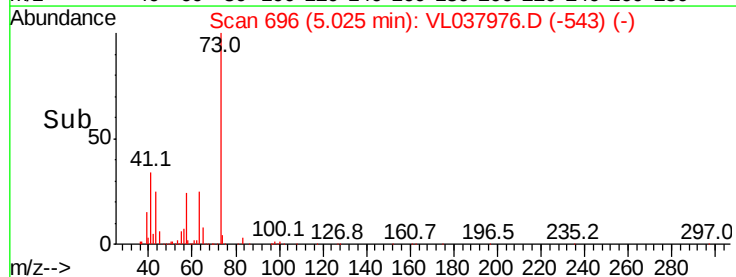
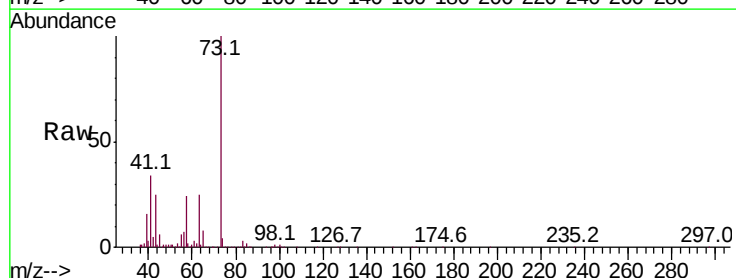
Delta R.T. -0.01 min

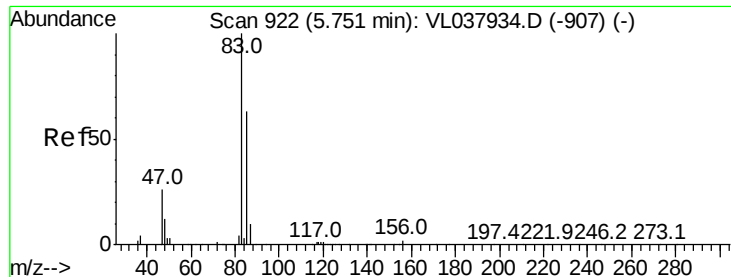
Lab File: VL037976.D

Acq: 2 Nov 2021 21:43

Tgt Ion: 73 Resp: 1379586

Ion	Ratio	Lower	Upper
73	100		
57	25.2	20.1	30.1





#29

Chloroform

Concen: 9.489 ppbv

RT: 5.74 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

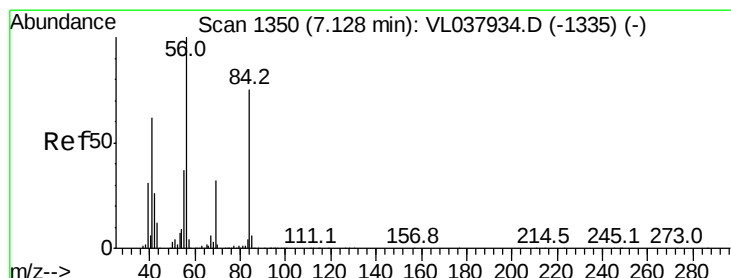
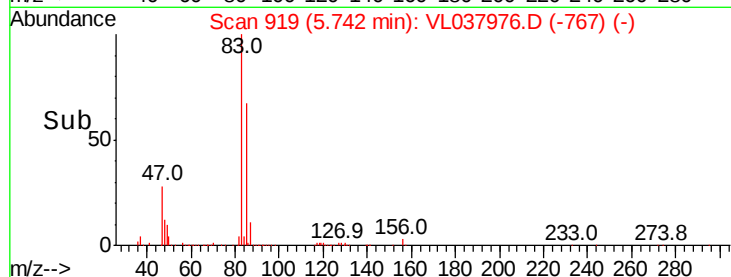
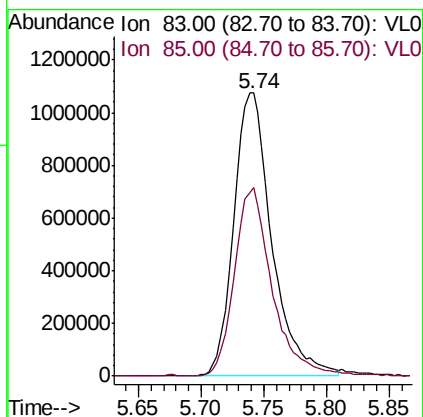
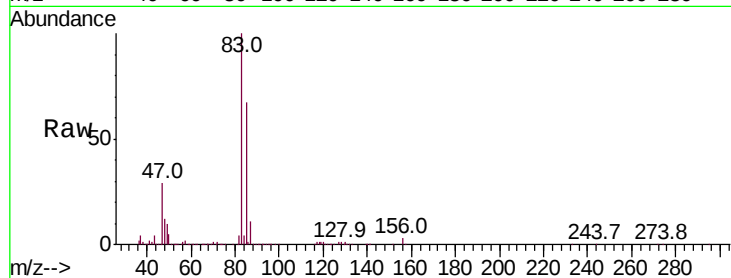
Acq: 2 Nov 2021 21:43 VSTDCCC010EC

Tot Ion: 83 Resp: 2263817

Ion Ratio Lower Upper

83 100

85 66.5 50.6 76.0



#30

Cyclohexane

Concen: 10.106 ppbv

RT: 7.11 min Scan# 1345

Delta R.T. -0.02 min

Lab File: VL037976.D

Acq: 2 Nov 2021 21:43

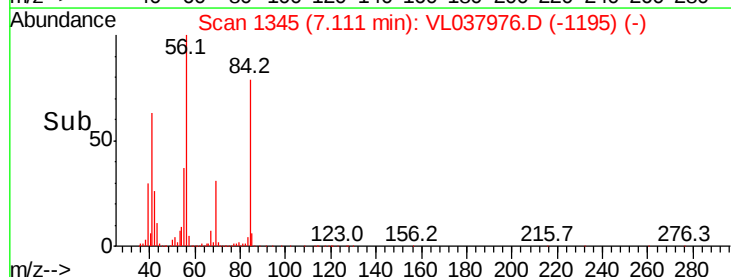
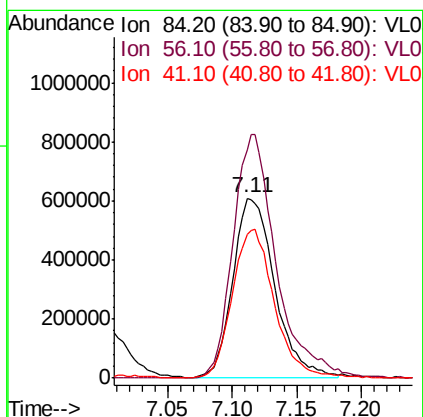
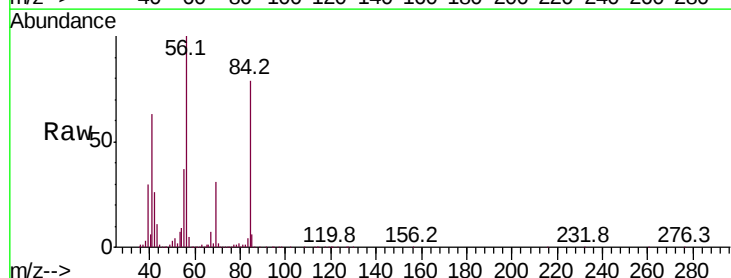
Tgt Ion: 84 Resp: 1382015

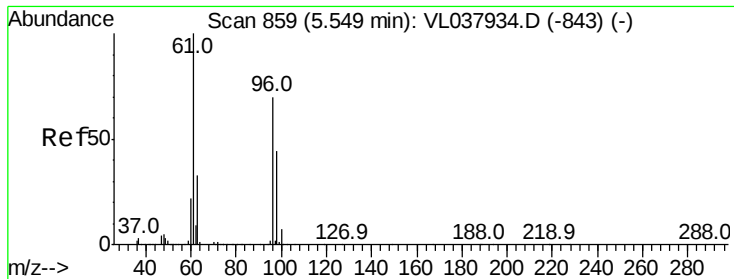
Ion Ratio Lower Upper

84 100

56 139.8 114.0 171.0

41 83.4 68.3 102.5





#31

cis-1,2-Dichloroethene

Concen: 10.122 ppbv

RT: 5.54 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 2 Nov 2021 21:43

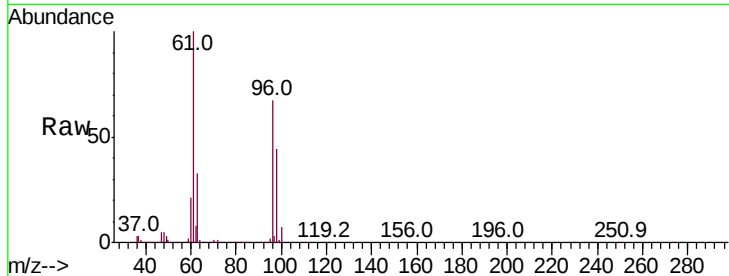
Tot Ion: 61 Resp: 1477368

Ion Ratio Lower Upper

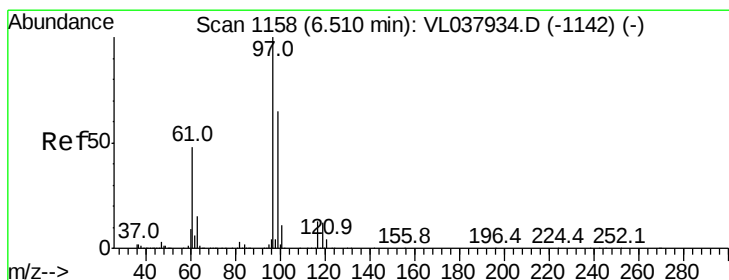
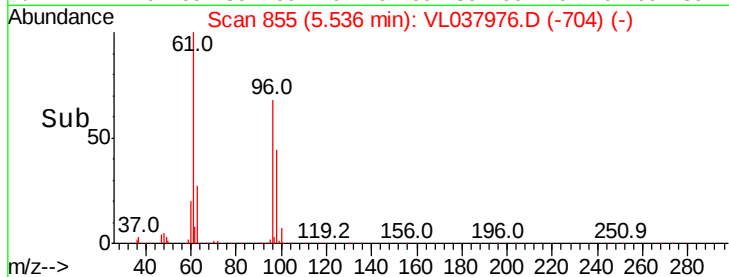
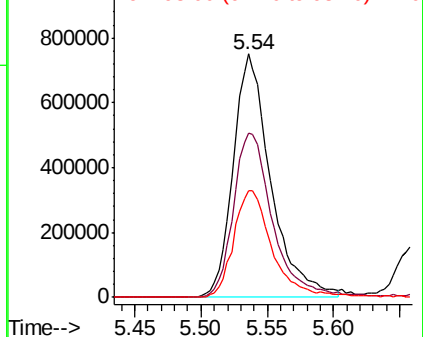
61 100

96 67.5 55.6 83.4

98 43.6 34.9 52.3



Abundance Ion 61.10 (60.80 to 61.80): VL0
Ion 96.00 (95.70 to 96.70): VL0
Ion 98.00 (97.70 to 98.70): VL0



#32

1,1,1-Trichloroethane

Concen: 9.184 ppbv

RT: 6.50 min Scan# 1154

Delta R.T. -0.01 min

Lab File: VL037976.D

Acq: 2 Nov 2021 21:43

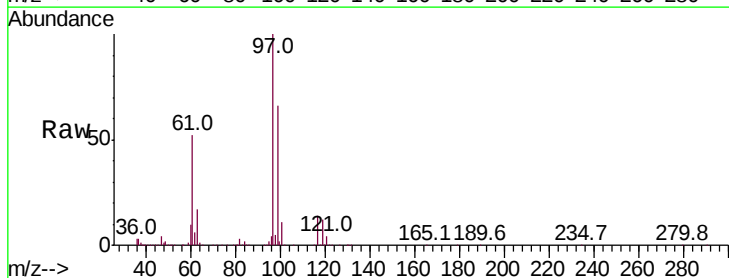
Tgt Ion: 97 Resp: 2153734

Ion Ratio Lower Upper

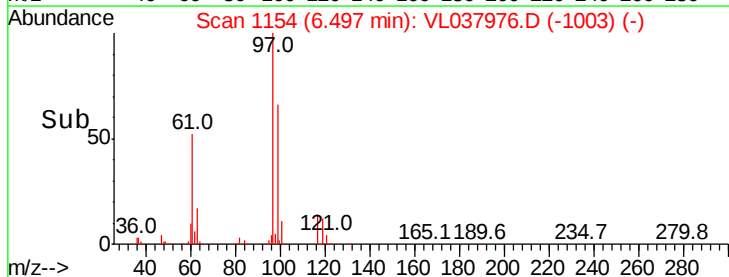
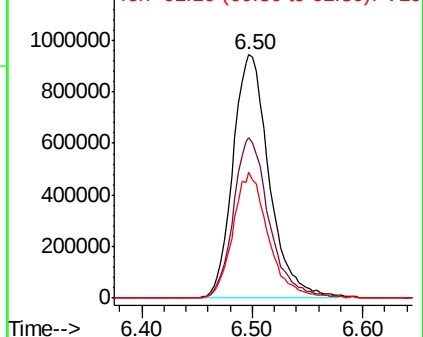
97 100

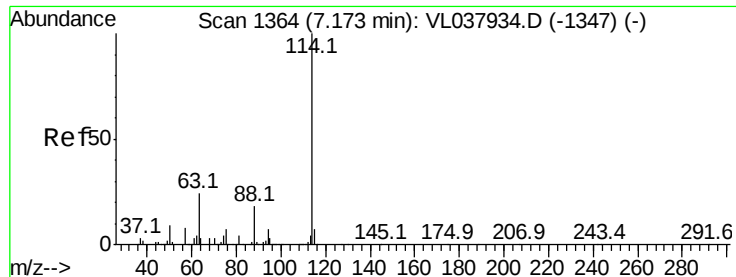
99 65.2 52.2 78.4

61 50.5 39.8 59.6



Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 Instrument: MSVOA_1

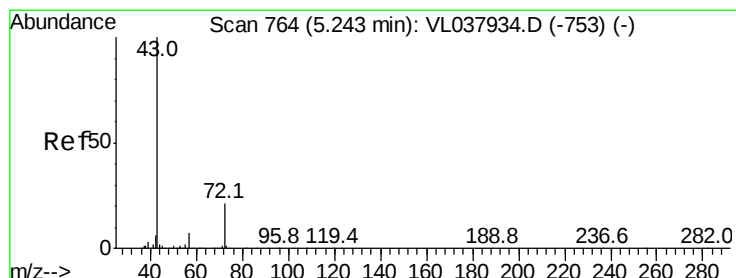
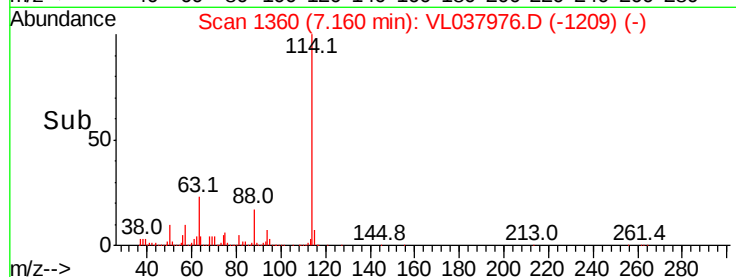
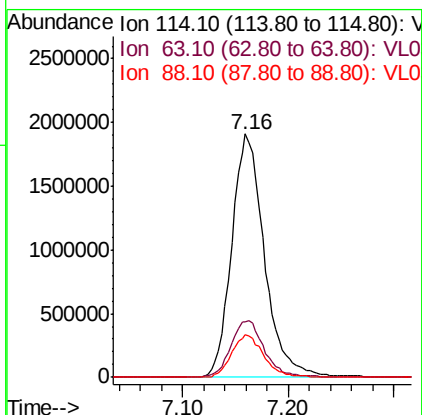
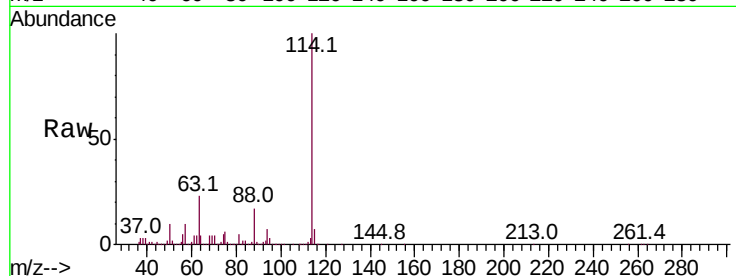
Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 2 Nov 2021 21:43

Tot Ion:114 Resp: 4097404

Ion	Ratio	Lower	Upper
114	100		
63	23.9	19.4	29.0
88	17.5	14.2	21.4



#34

2-Butanone

Concen: 9.705 ppbv

RT: 5.23 min Scan# 760

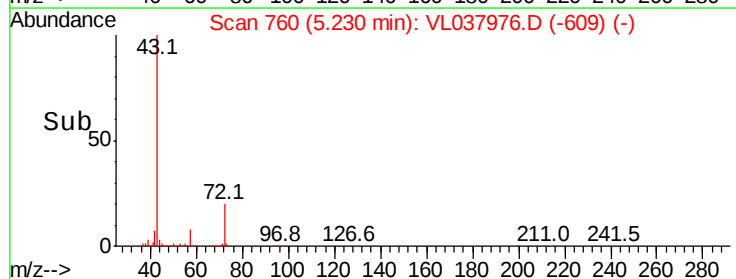
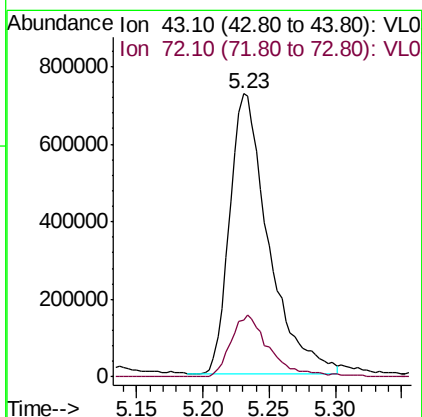
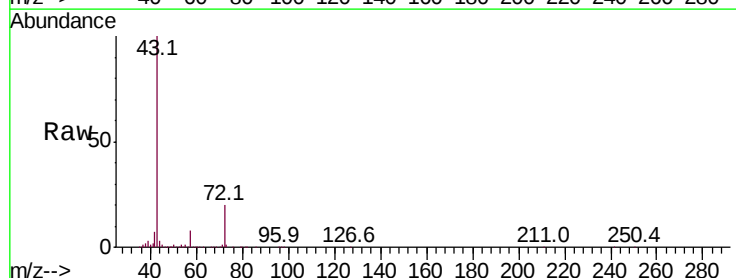
Delta R.T. -0.01 min

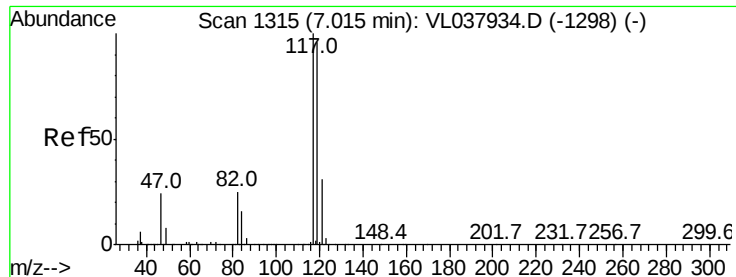
Lab File: VL037976.D

Acq: 2 Nov 2021 21:43

Tgt Ion: 43 Resp: 1473471

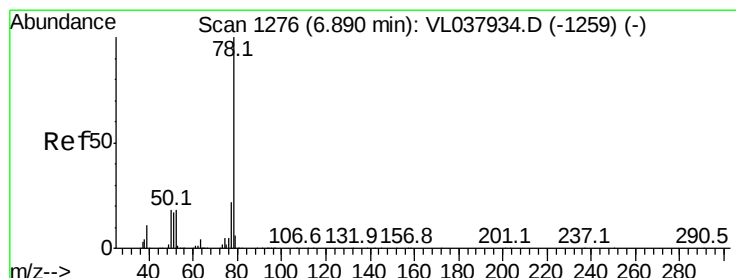
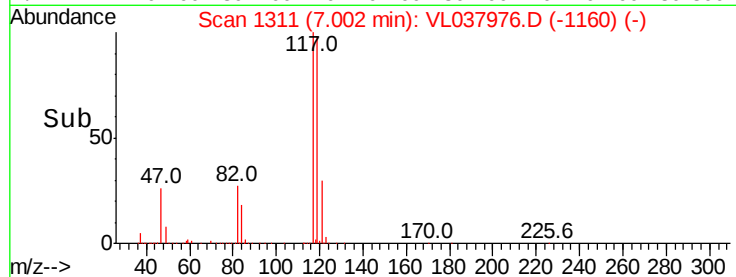
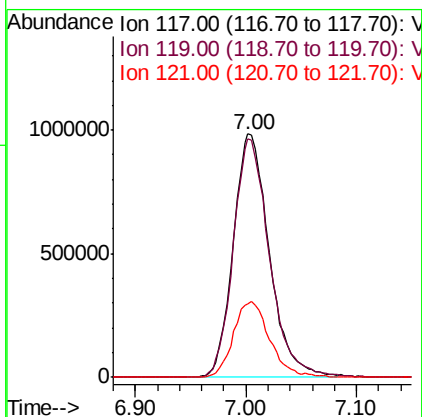
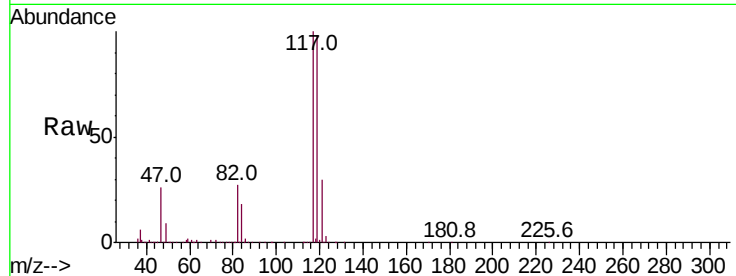
Ion	Ratio	Lower	Upper
43	100		
72	22.5	18.3	27.5





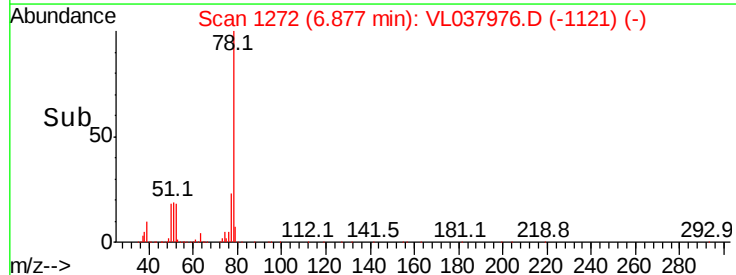
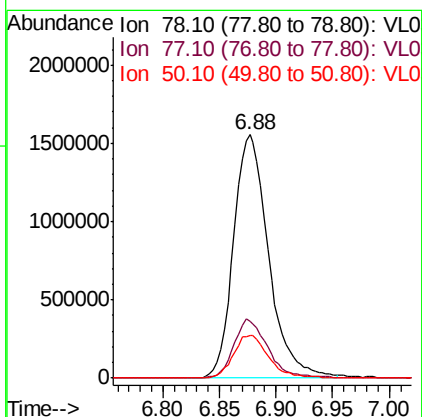
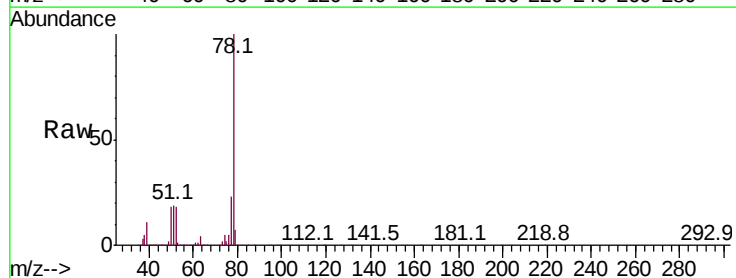
#35
Carbon Tetrachloride
Concen: 9.011 ppbv
RT: 7.00
Instrument: MSVOA_1
Delta R.T.:
ClientSampleId:
Lab File: VSTDCCC010EC
Acq: 2 Nov 2021 21:43

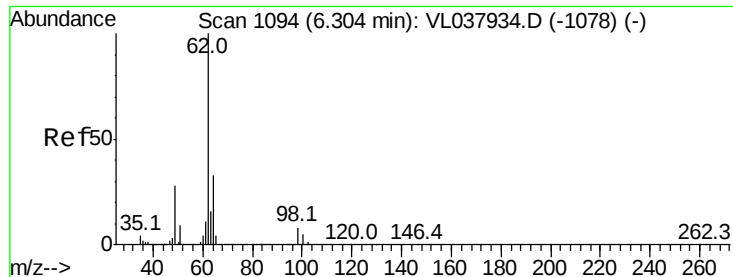
Tot Ion:117 Resp: 2232123
Ion Ratio Lower Upper
117 100
119 98.0 76.6 114.8
121 30.2 25.1 37.7



#36
Benzene
Concen: 10.071 ppbv
RT: 6.88 min Scan# 1272
Delta R.T. -0.01 min
Lab File: VL037976.D
Acq: 2 Nov 2021 21:43

Tgt Ion: 78 Resp: 3360396
Ion Ratio Lower Upper
78 100
77 23.2 17.9 26.9
50 17.6 14.4 21.6





#37

1,2-Dichloroethane

Concen: 10.130 ppbv

RT: 6.29

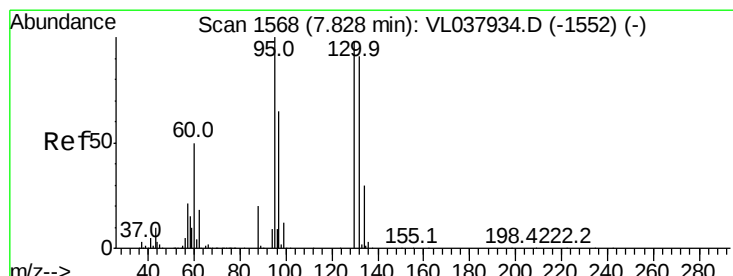
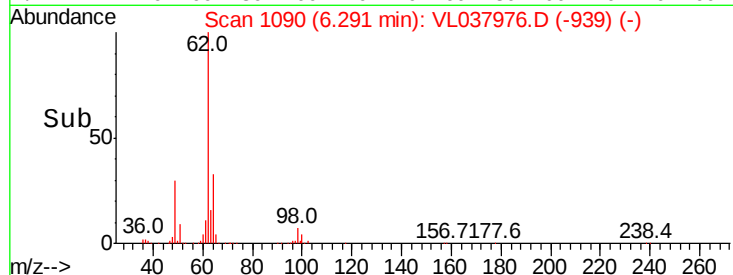
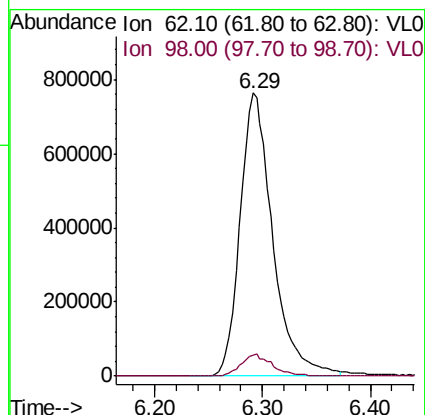
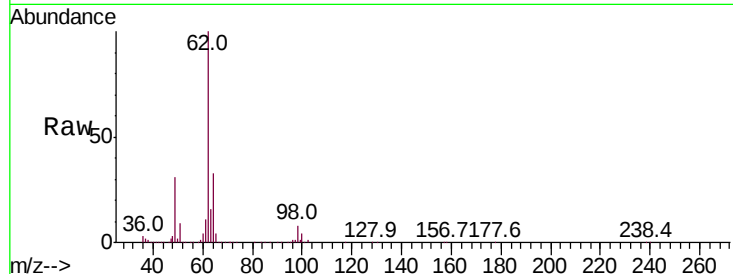
Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 2 Nov 2021 21:43

Tot Ion: 62 Resp: 1606913

Ion	Ratio	Lower	Upper
62	100		
98	7.8	6.5	9.7



#38

Trichloroethene

Concen: 9.512 ppbv

RT: 7.82 min Scan# 1565

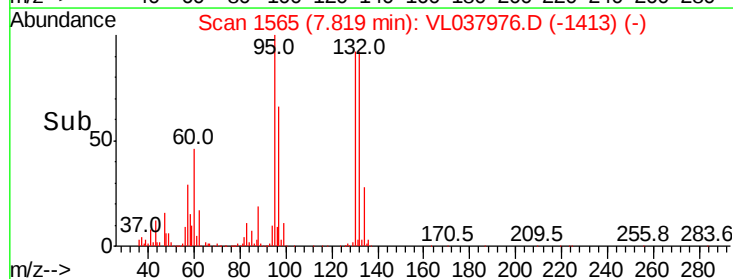
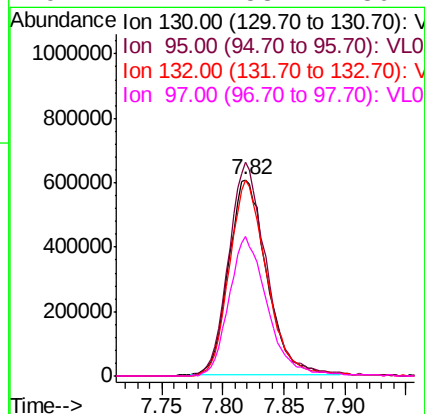
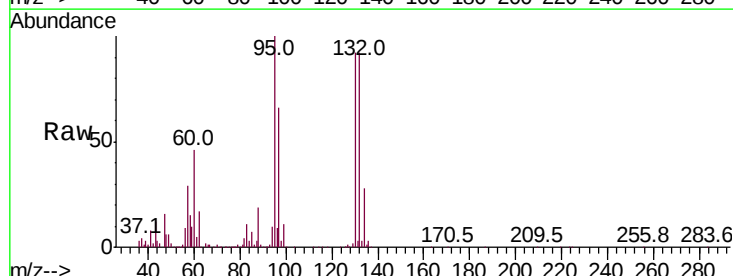
Delta R.T. -0.01 min

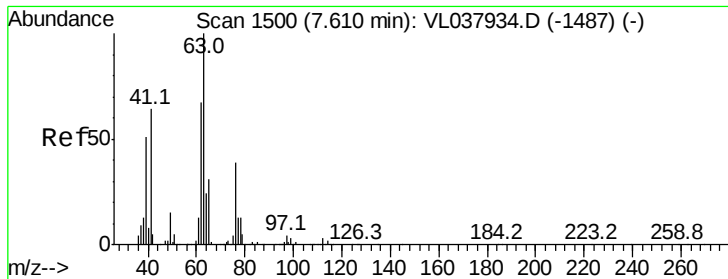
Lab File: VL037976.D

Acq: 2 Nov 2021 21:43

Tgt Ion: 130 Resp: 1317276

Ion	Ratio	Lower	Upper
130	100		
95	109.4	81.8	122.8
132	100.4	74.2	111.2
97	71.7	53.4	80.2





#39

1,2-Dichloropropane

Concen: 10.041 ppbv

RT: 7.60 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 2 Nov 2021 21:43 VSTDCCC010EC

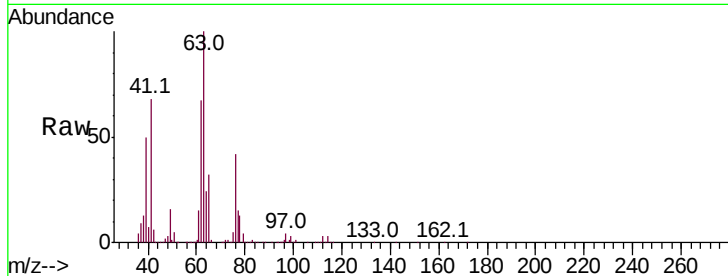
Tot Ion: 63 Resp: 1260685

Ion Ratio Lower Upper

63 100

41 68.1 51.6 77.4

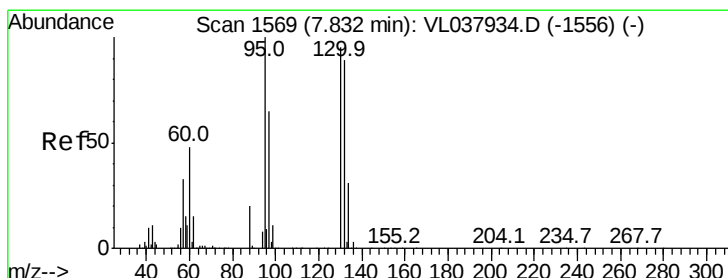
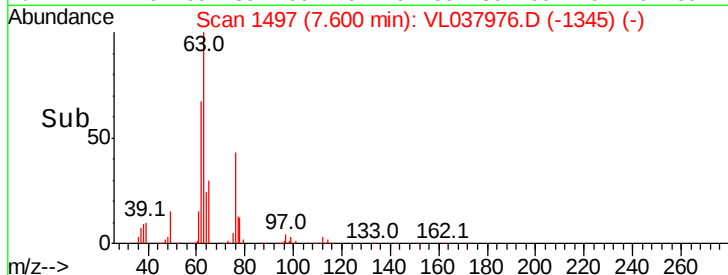
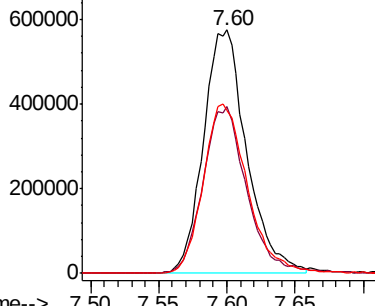
62 66.9 53.5 80.3



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 5.065 ppbv

RT: 7.82 min Scan# 1564

Delta R.T. -0.02 min

Lab File: VL037976.D

Acq: 2 Nov 2021 21:43

Tgt Ion: 88 Resp: 167460

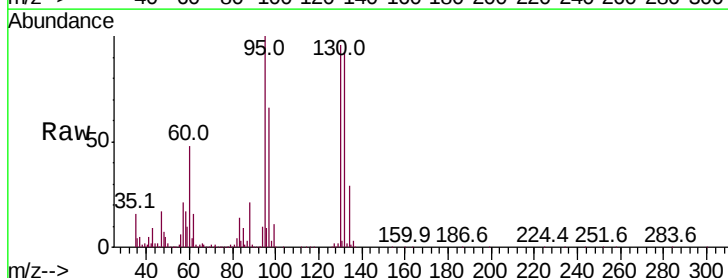
Ion Ratio Lower Upper

88 100

58 0.0 129.1 193.7#

43 0.0 313.2 469.8#

57 0.0 1408.6 2112.8#

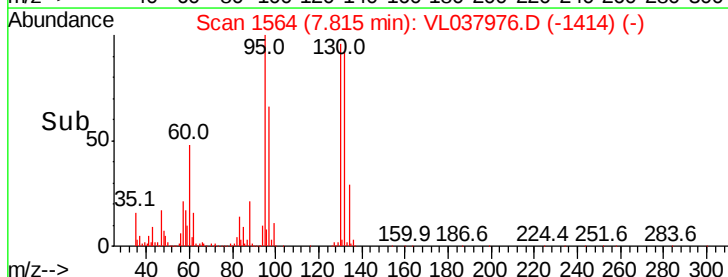
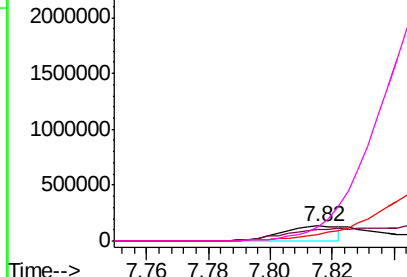


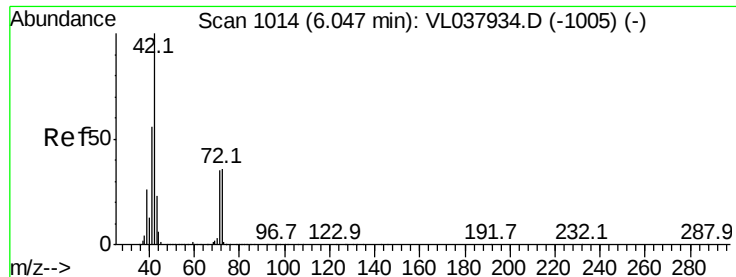
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

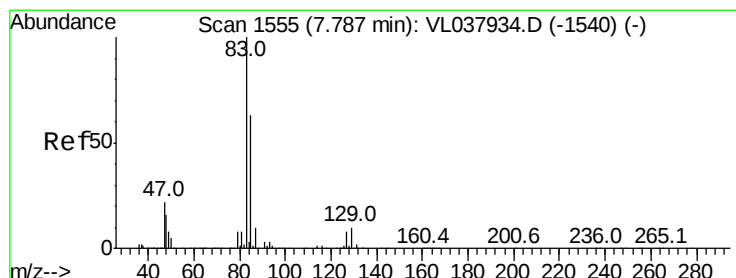
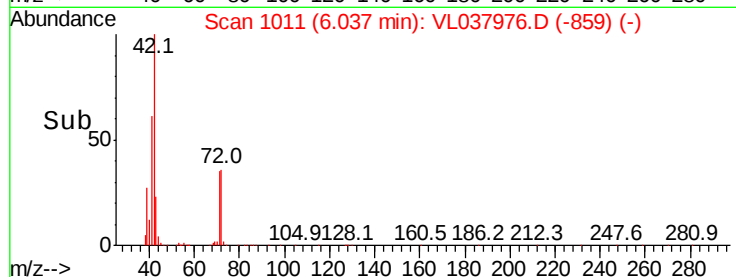
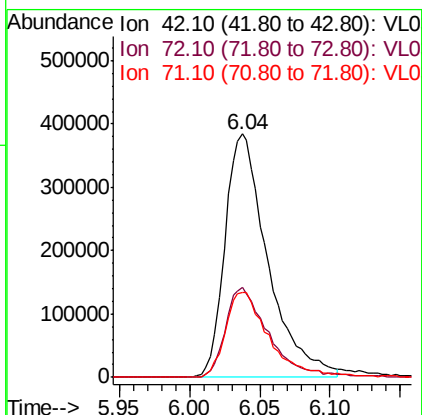
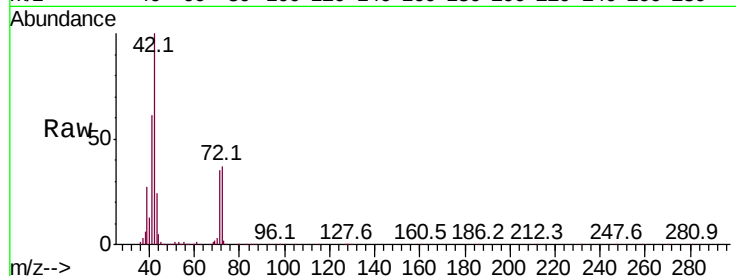
Ion 57.10 (56.80 to 57.80): VL0





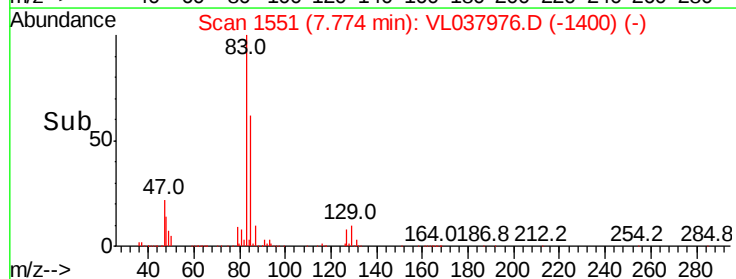
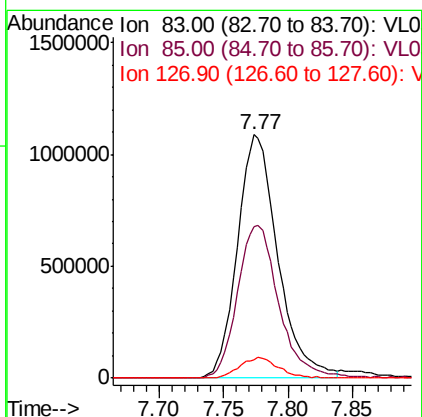
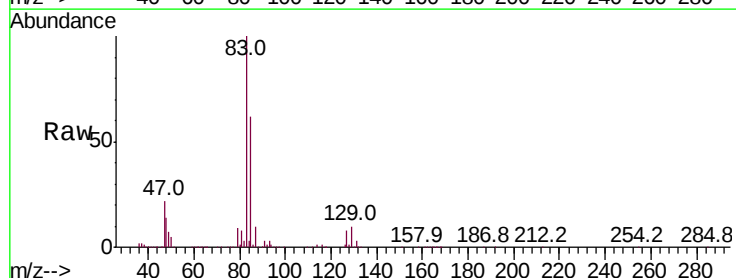
#41
Tetrahydrofuran
Concen: 10.900 ppbv
RT: 6.04
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 2 Nov 2021 21:43

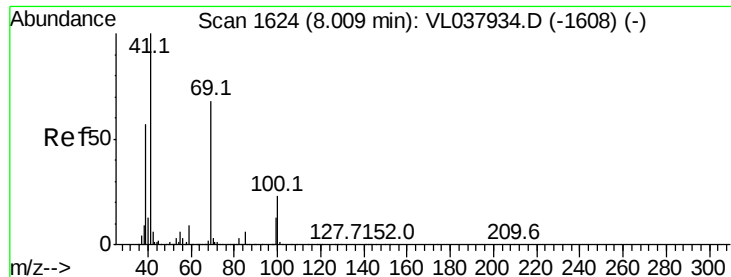
Tot Ion	Ratio	Lower	Upper
42	100		
72	37.9	31.5	47.3
71	36.5	30.5	45.7



#42
Bromodichloromethane
Concen: 9.878 ppbv
RT: 7.77 min Scan# 1551
Delta R.T. -0.01 min
Lab File: VL037976.D
Acq: 2 Nov 2021 21:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	50.1	75.1
127	7.7	6.1	9.1





#43

Methyl Methacrylate

Concen: 11.114 ppbv

RT: 8.00

Instrument: MSVOA_1

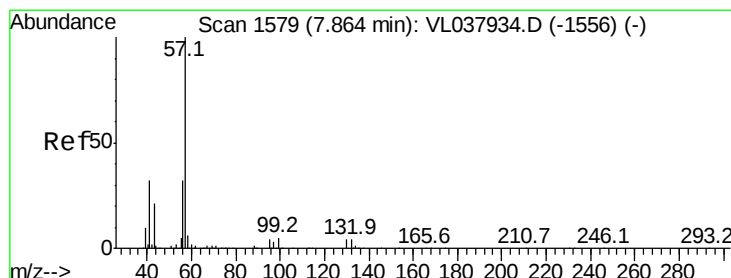
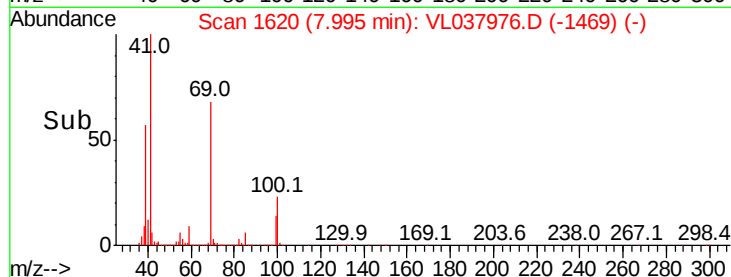
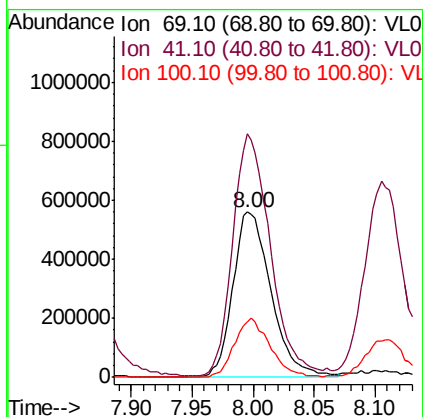
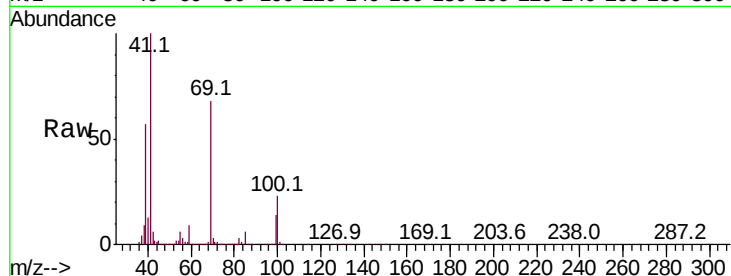
Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 2 Nov 2021 21:43

Tot Ion: 69 Resp: 1217242

Ion	Ratio	Lower	Upper
69	100		
41	146.3	117.4	176.2
100	33.7	27.8	41.6



#44

2,2,4-Trimethylpentane

Concen: 10.012 ppbv

RT: 7.85 min Scan# 1576

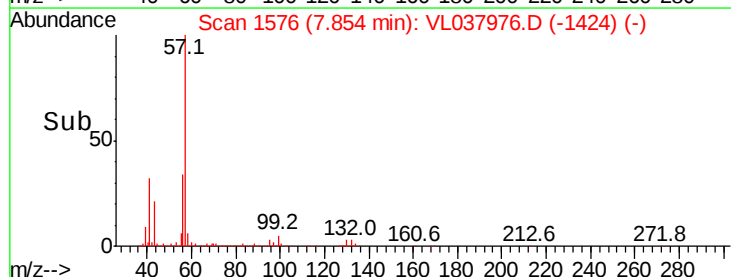
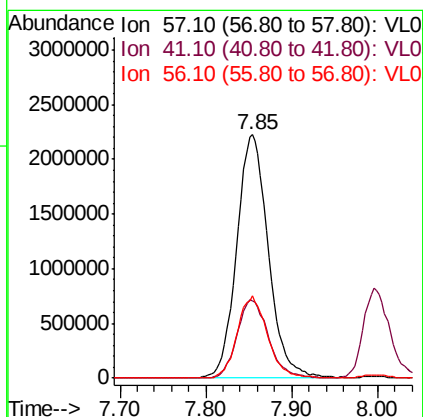
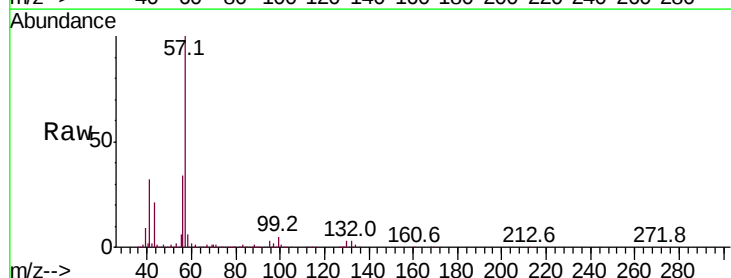
Delta R.T. -0.01 min

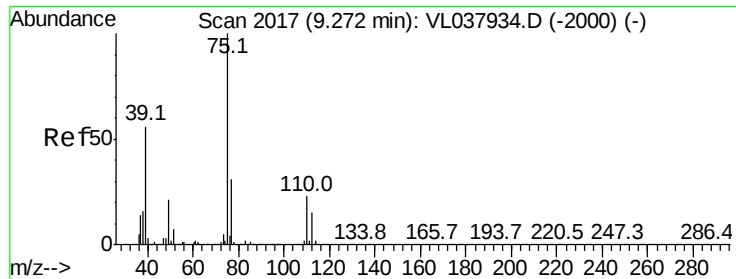
Lab File: VL037976.D

Acq: 2 Nov 2021 21:43

Tgt Ion: 57 Resp: 5682222

Ion	Ratio	Lower	Upper
57	100		
41	32.0	25.8	38.8
56	32.2	25.9	38.9





#45

t-1,3-Dichloropropene

Concen: 11.745 ppbv

RT: 9.26 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

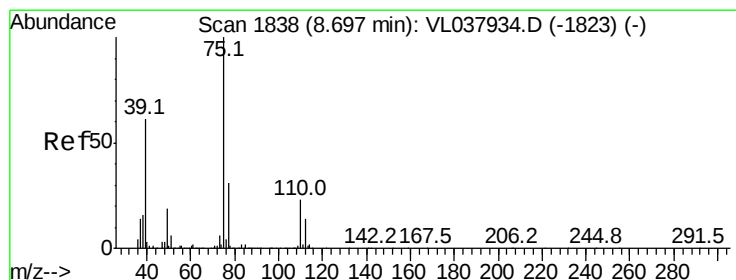
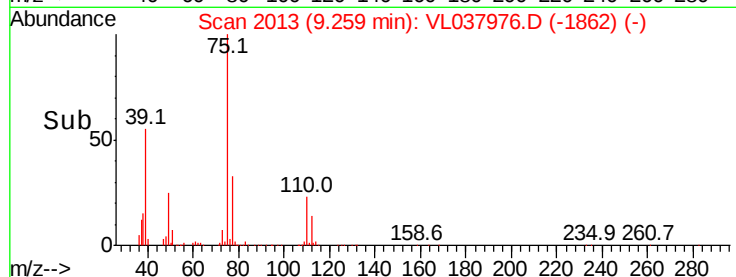
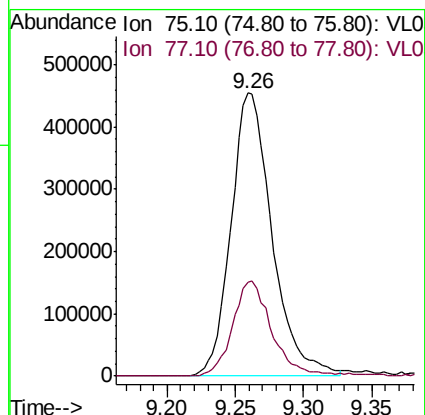
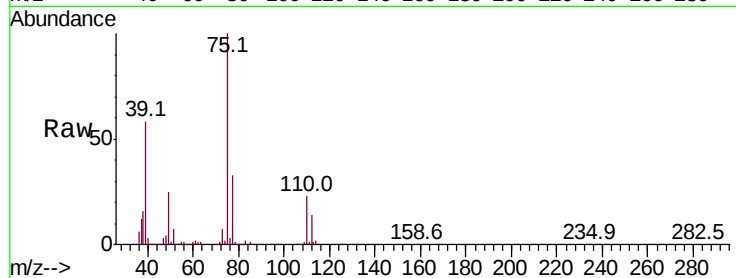
Acq: 2 Nov 2021 21:43 VSTDCCC010EC

Tot Ion: 75 Resp: 945215

Ion Ratio Lower Upper

75 100

77 33.3 25.2 37.8



#46

cis-1,3-Dichloropropene

Concen: 11.369 ppbv

RT: 8.69 min Scan# 1835

Delta R.T. -0.01 min

Lab File: VL037976.D

Acq: 2 Nov 2021 21:43

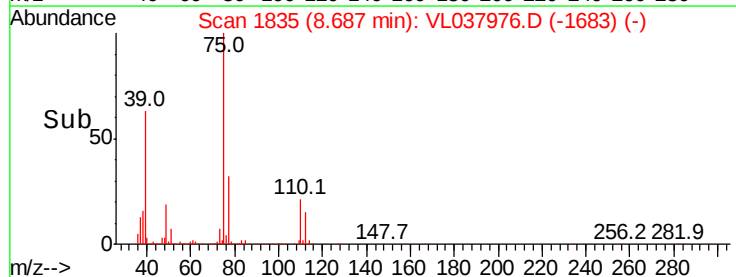
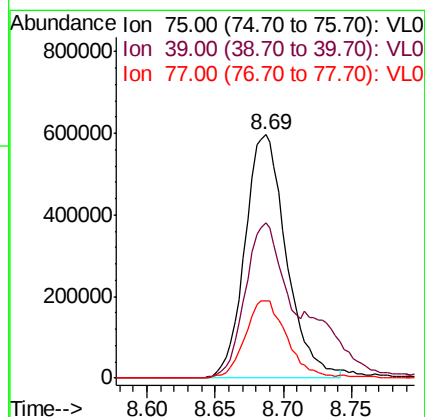
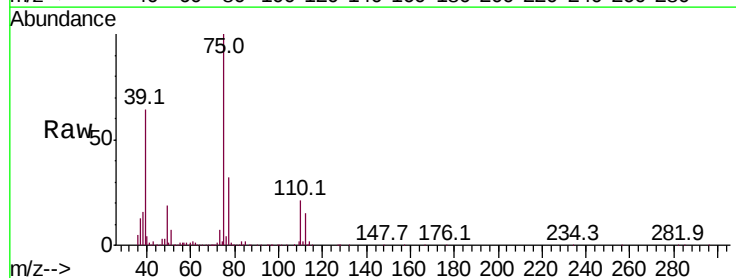
Tgt Ion: 75 Resp: 1257925

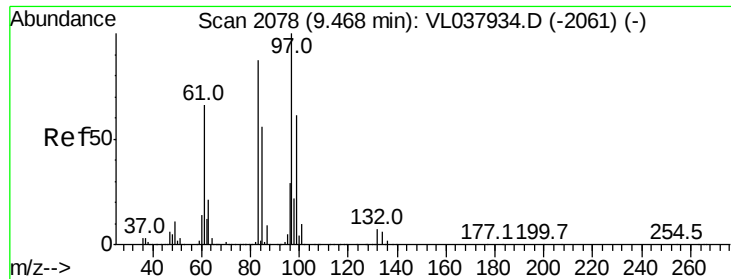
Ion Ratio Lower Upper

75 100

39 63.7 48.8 73.2

77 31.6 24.6 36.8





#47

1,1,2-Trichloroethane

Concen: 9.400 ppbv

RT: 9.46 Instrument:

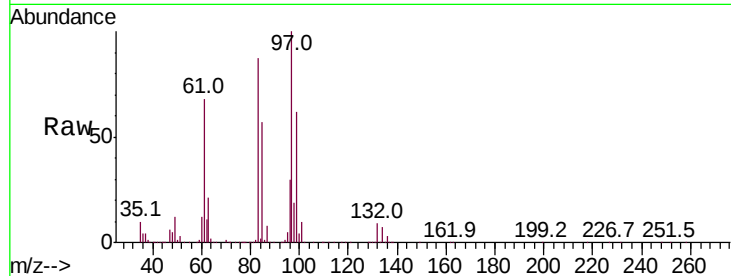
Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 2 Nov 2021 21:43 VSTDCCC010EC

Tot Ion: 97 Resp: 1325960

Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.4	104.2
85	56.9	45.0	67.6
99	61.7	48.7	73.1

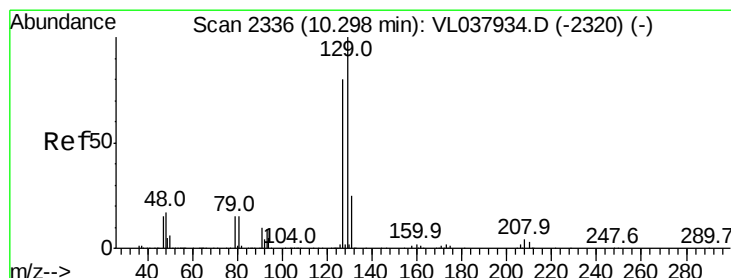
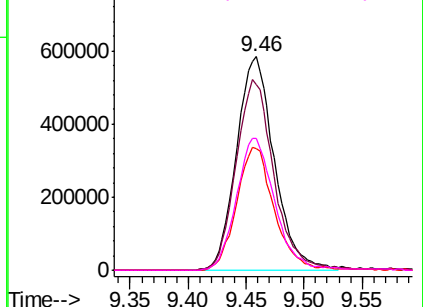
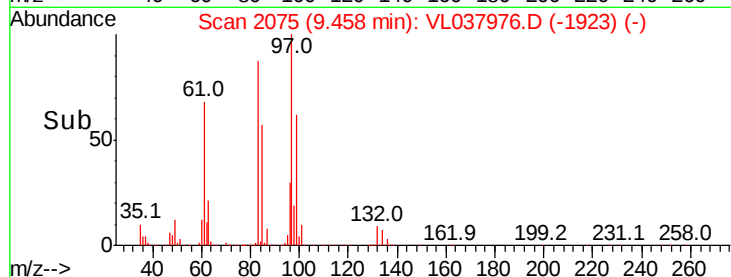


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



#48

Dibromochloromethane

Concen: 10.078 ppbv

RT: 10.28 min Scan# 2332

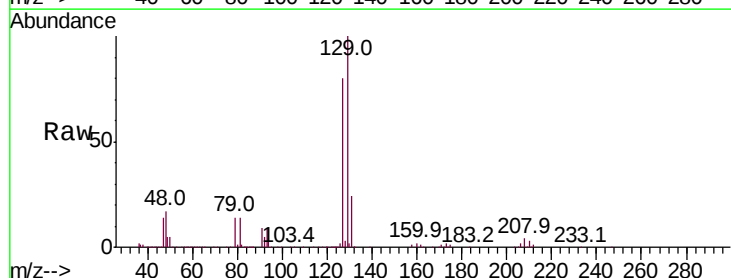
Delta R.T. -0.01 min

Lab File: VL037976.D

Acq: 2 Nov 2021 21:43

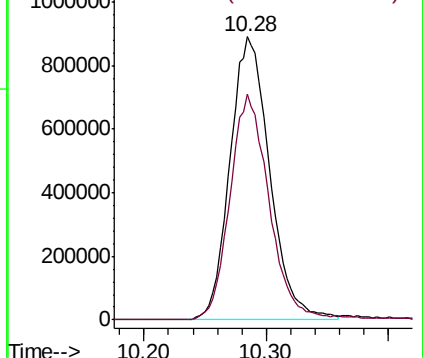
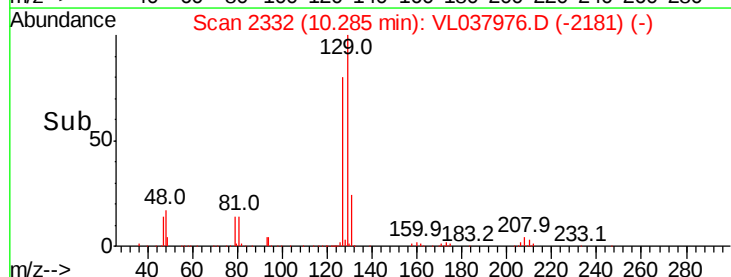
Tgt Ion: 129 Resp: 2012803

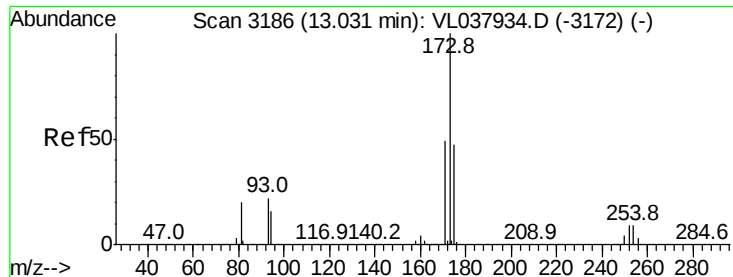
Ion	Ratio	Lower	Upper
129	100		
127	79.4	40.3	120.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 9.694 ppbv

RT: 13.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 2 Nov 2021 21:43 VSTDCCC010EC

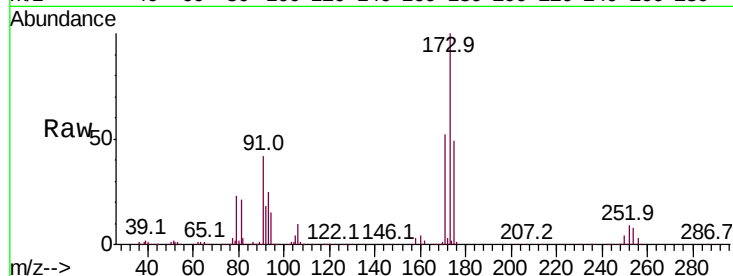
Tot Ion:173 Resp: 1530502

Ion Ratio Lower Upper

173 100

175 50.4 39.5 59.3

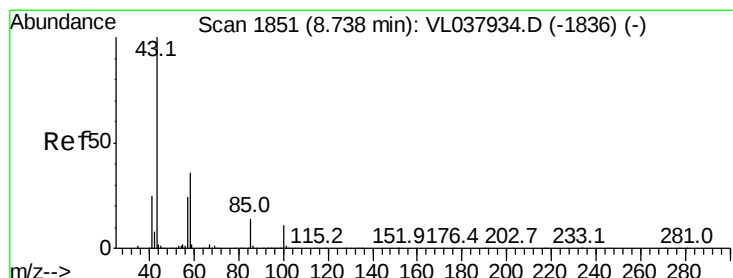
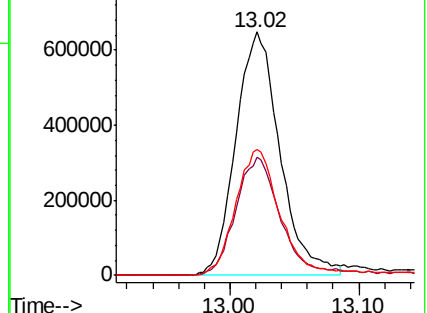
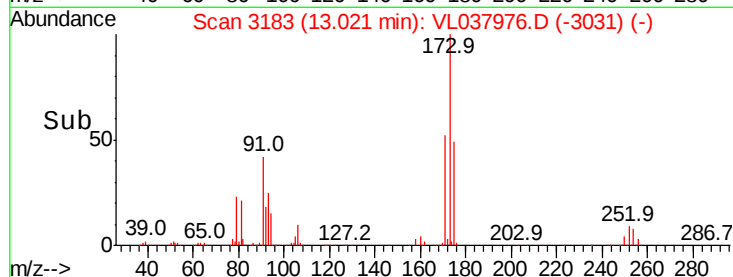
171 54.6 43.6 65.4



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 10.861 ppbv

RT: 8.73 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VL037976.D

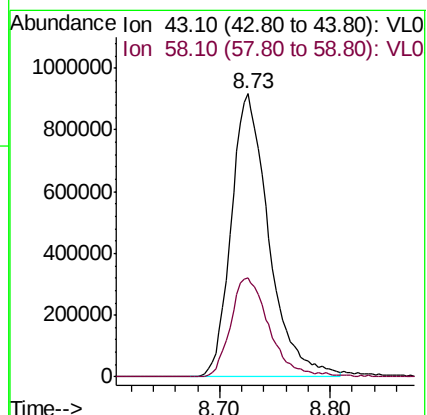
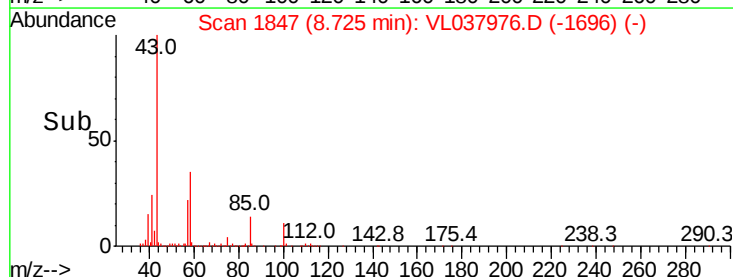
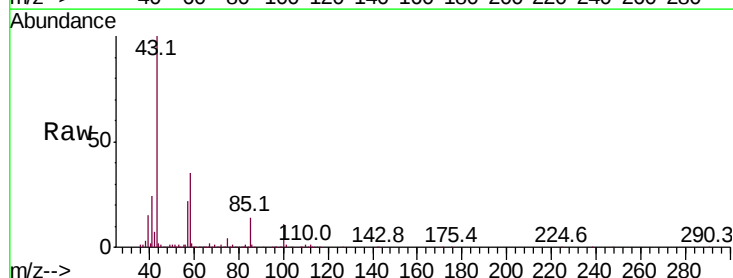
Acq: 2 Nov 2021 21:43

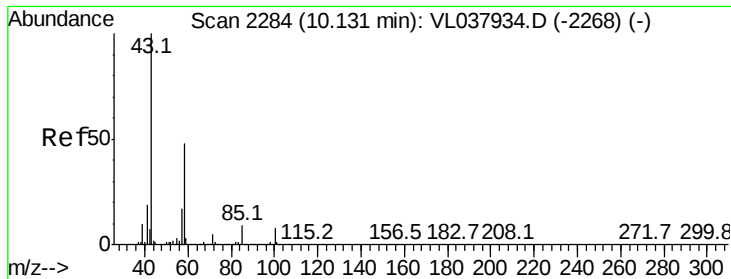
Tgt Ion: 43 Resp: 2166627

Ion Ratio Lower Upper

43 100

58 36.3 28.8 43.2





#51

2-Hexanone

Concen: 11.539 ppbv

RT: 10.12 min

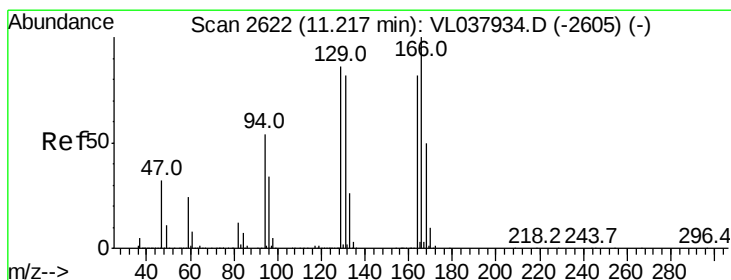
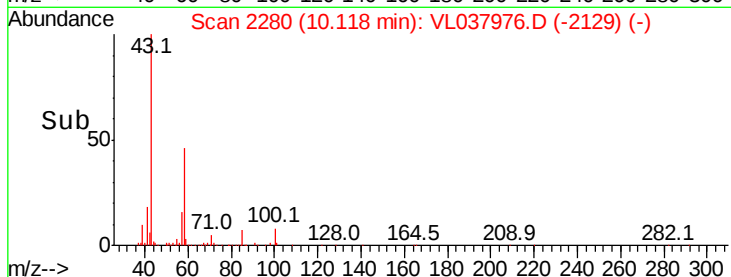
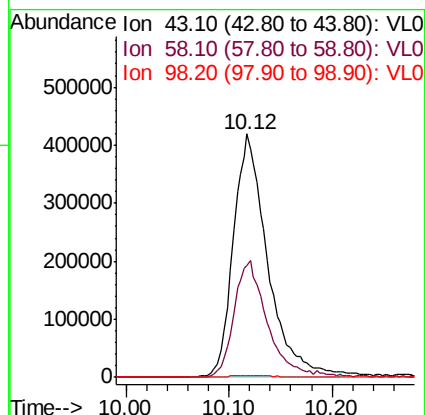
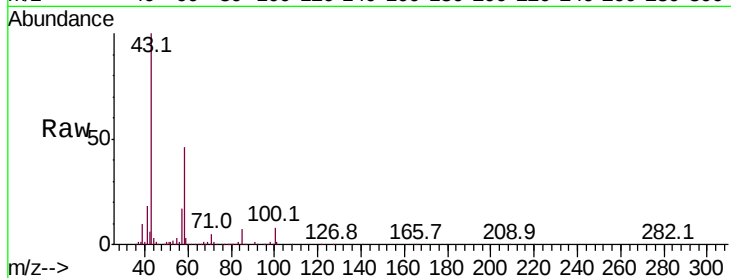
Delta R.T. MSVOA_L

Lab File: ClientSampleId: VSTDCCC010EC

Acq: 2 Nov 2021 21:43

Tot Ion: 43 Resp: 970099

Ion	Ratio	Lower	Upper
43	100		
58	47.3	38.6	57.8
98	1.1	1.0	1.4



#52

Tetrachloroethene

Concen: 9.366 ppbv

RT: 11.20 min Scan# 2618

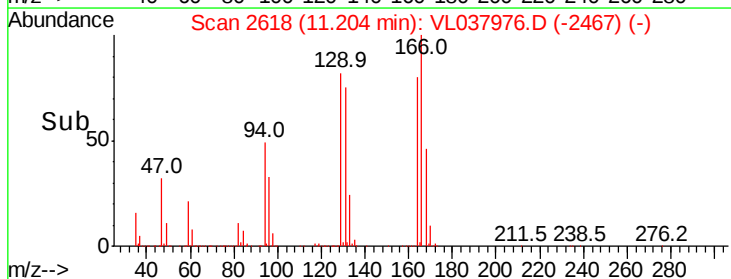
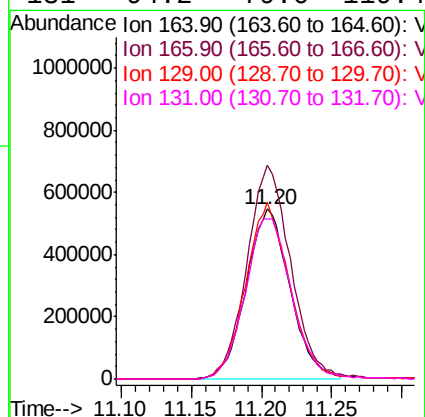
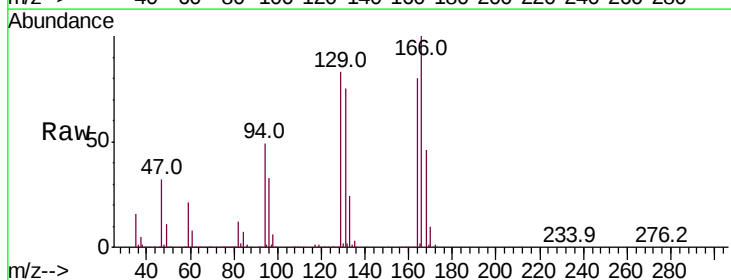
Delta R.T. -0.01 min

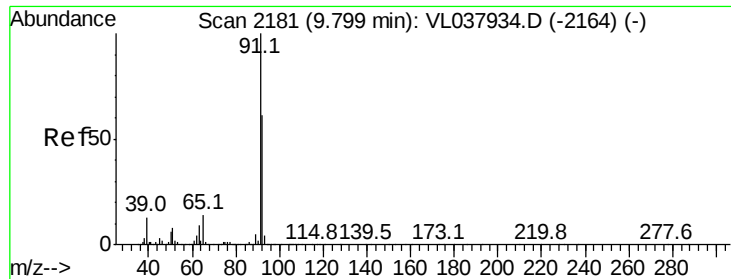
Lab File: VL037976.D

Acq: 2 Nov 2021 21:43

Tgt Ion: 164 Resp: 1185549

Ion	Ratio	Lower	Upper
164	100		
166	125.5	97.6	146.4
129	103.6	84.2	126.2
131	94.2	79.6	119.4





#53

Toluene

Concen: 10.636 ppbv

RT: 9.79 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

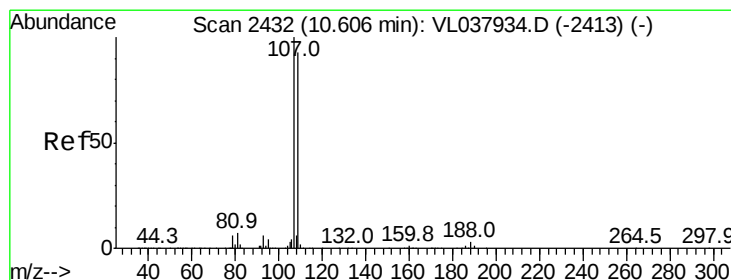
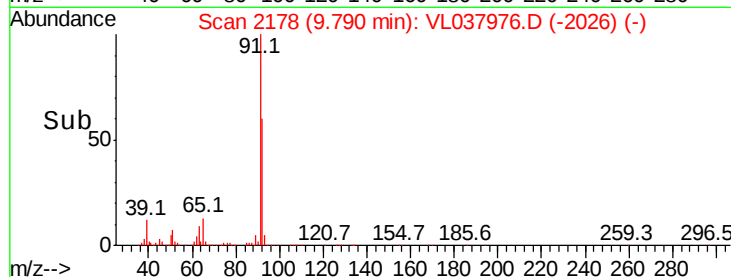
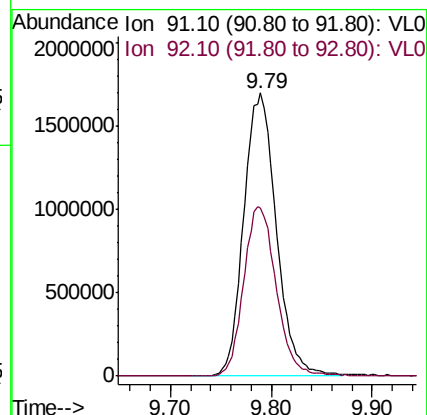
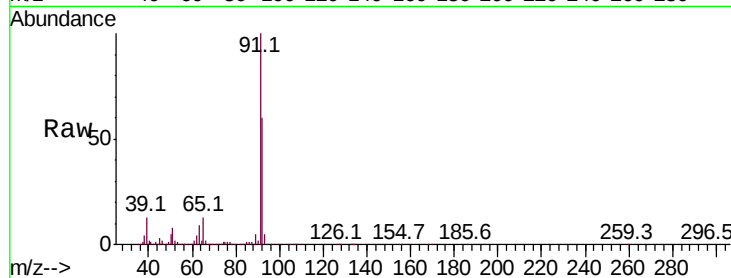
Acq: 2 Nov 2021 21:43 VSTDCCC010EC

Tot Ion: 91 Resp: 3804877

Ion Ratio Lower Upper

91 100

92 60.2 48.2 72.4



#54

1,2-Dibromoethane

Concen: 9.946 ppbv

RT: 10.59 min Scan# 2428

Delta R.T. -0.01 min

Lab File: VL037976.D

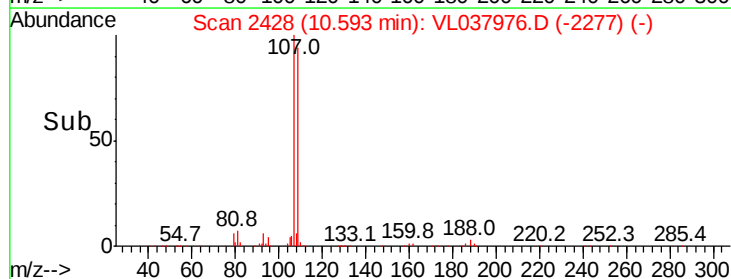
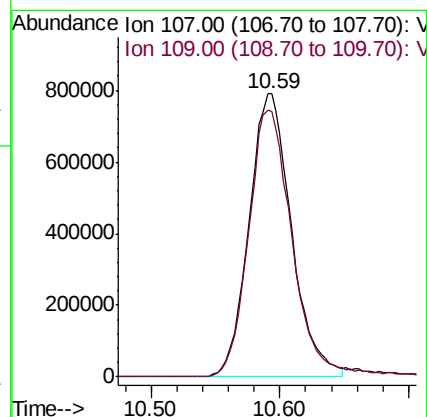
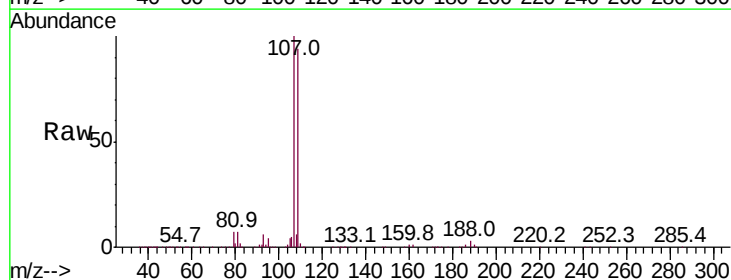
Acq: 2 Nov 2021 21:43

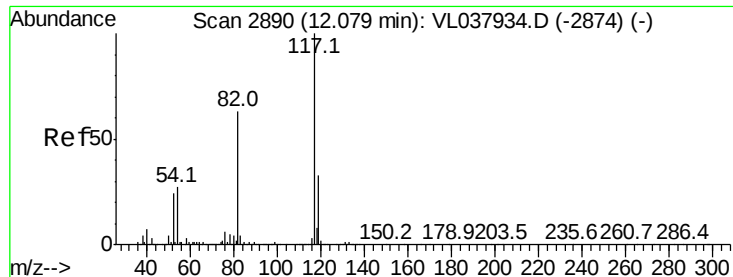
Tgt Ion: 107 Resp: 1809498

Ion Ratio Lower Upper

107 100

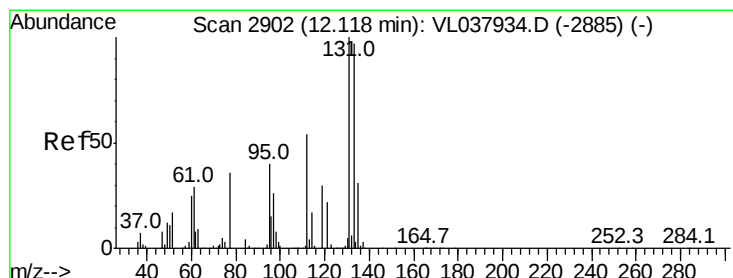
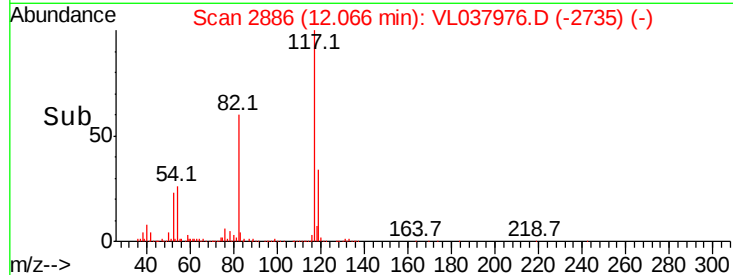
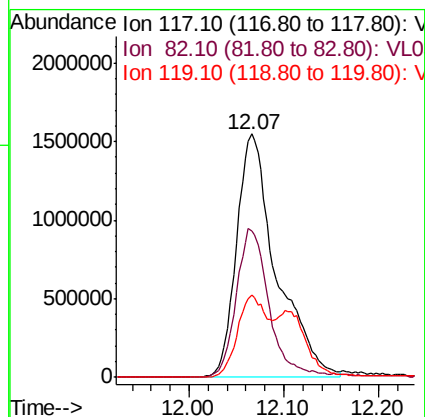
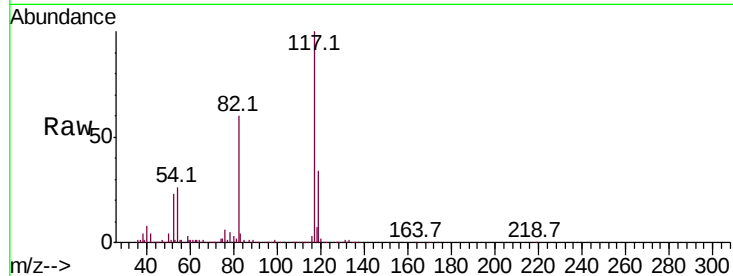
109 93.6 74.5 111.7





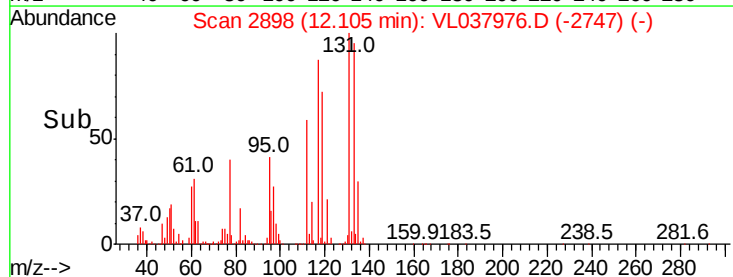
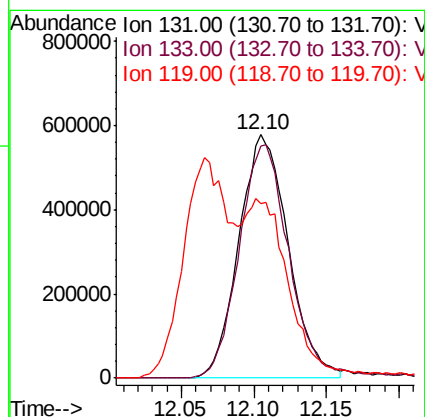
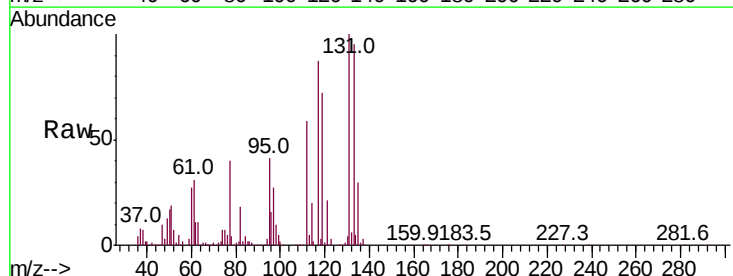
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VSTDCCC010EC
Acq: 2 Nov 2021 21:43

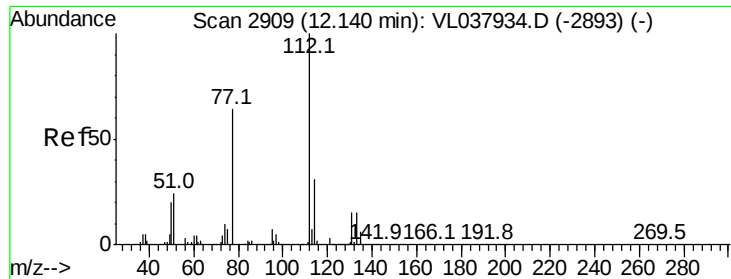
Tot Ion:117 Resp: 4533977
Ion Ratio Lower Upper
117 100
82 51.6 51.0 76.6
119 25.6 26.9 40.3#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.433 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL037976.D
Acq: 2 Nov 2021 21:43

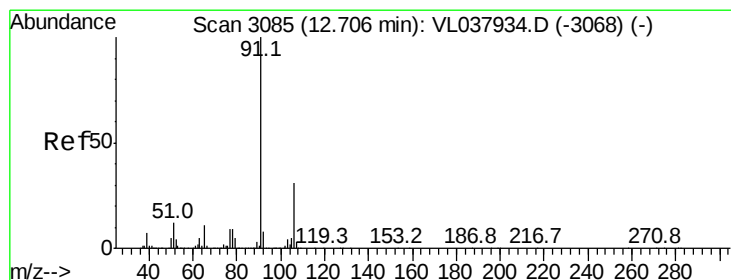
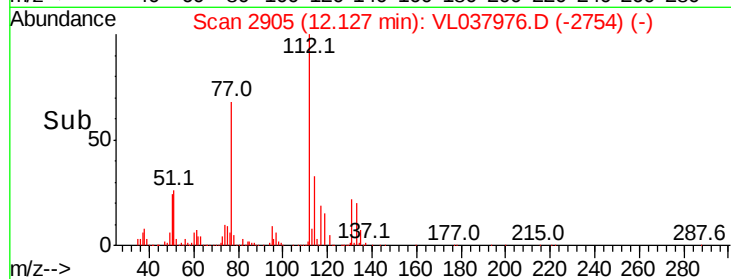
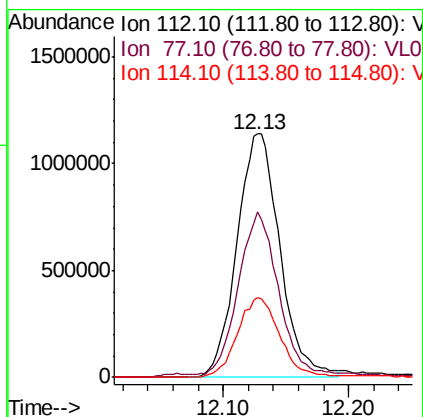
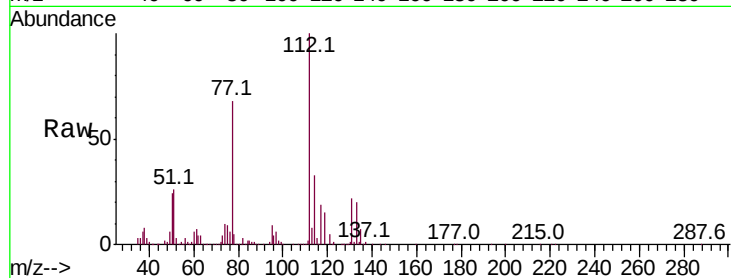
Tgt Ion:131 Resp: 1360657
Ion Ratio Lower Upper
131 100
133 100.8 79.6 119.4
119 71.1 125.4 188.2#





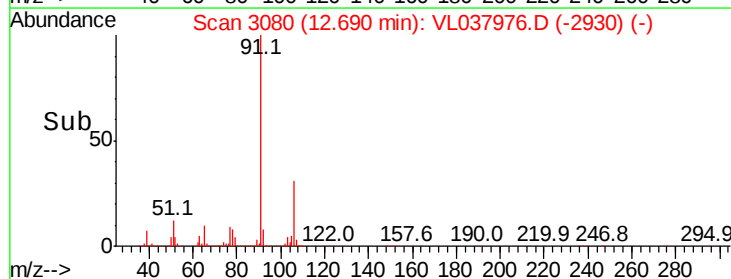
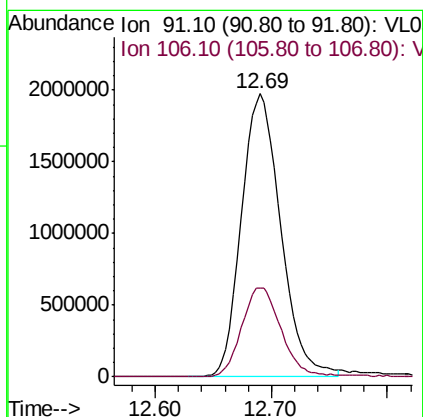
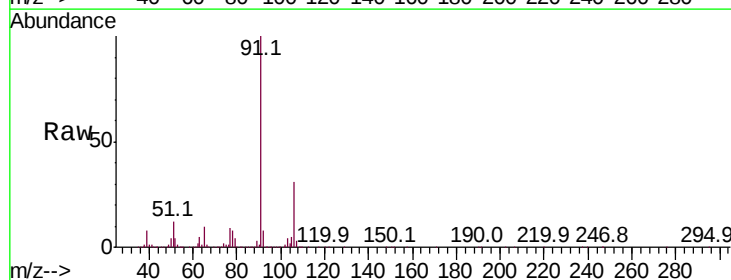
#57
Chlorobenzene
Concen: 7.479 ppbv
RT: 12.13
Delta R.T. MSVOA.L
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 2 Nov 2021 21:43

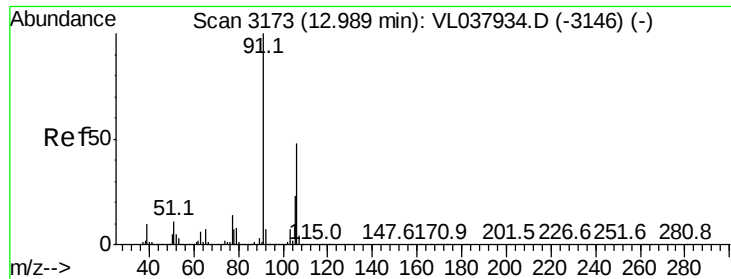
Tot Ion:112 Resp: 2706719
Ion Ratio Lower Upper
112 100
77 66.7 51.1 76.7
114 32.5 27.9 34.1



#58
Ethyl Benzene
Concen: 8.409 ppbv
RT: 12.69 min Scan# 3080
Delta R.T. -0.02 min
Lab File: VL037976.D
Acq: 2 Nov 2021 21:43

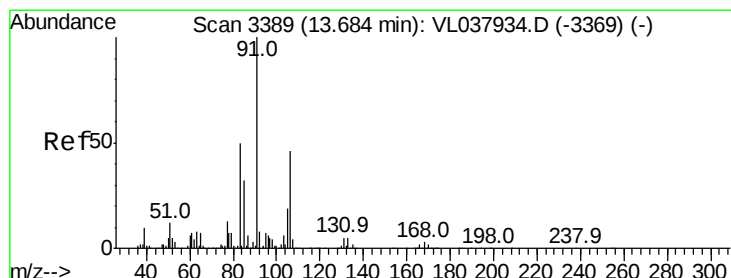
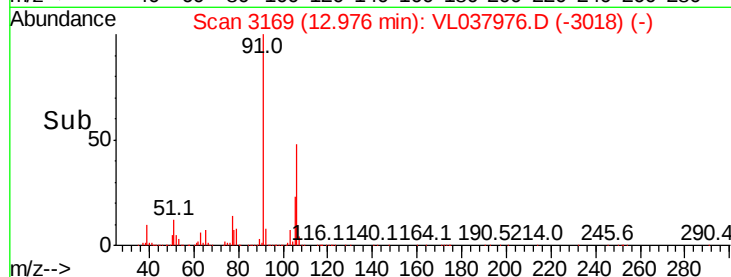
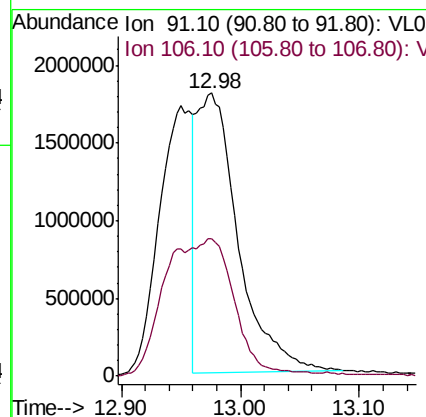
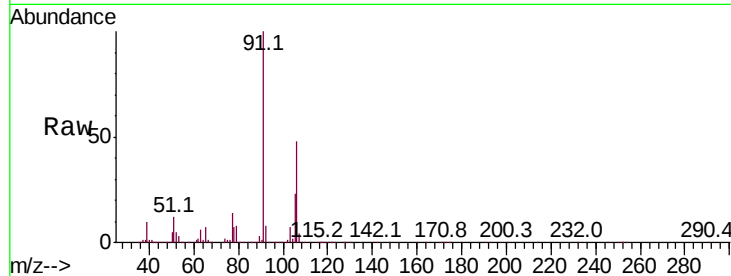
Tgt Ion: 91 Resp: 4662310
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7





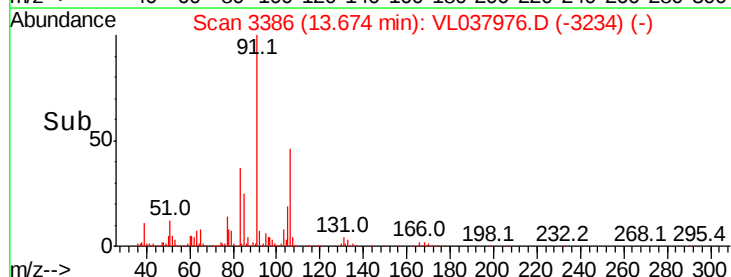
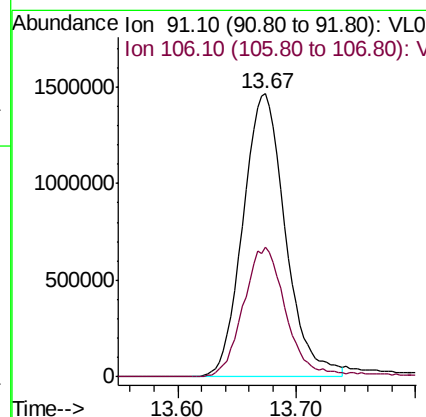
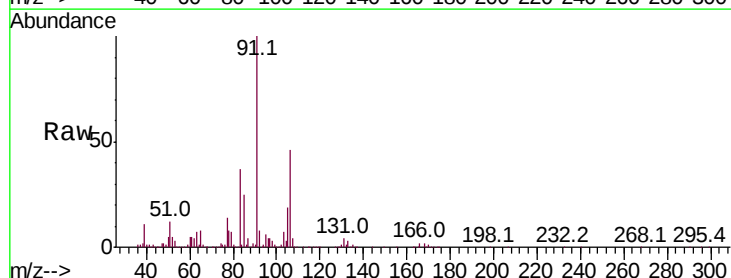
#59
m/p-Xylene
Concen: 8.798 ppbv
RT: 12.98 min
Delta R.T. MSVOA_1
Lab File: ClientSampleId : VSTDCCC010EC
Acq: 2 Nov 2021 21:43

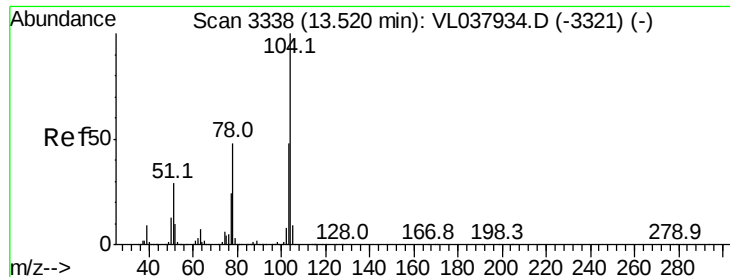
Tot Ion: 91 Resp: 4336024
Ion Ratio Lower Upper
91 100
106 84.6 37.1 55.7#



#60
o-Xylene
Concen: 7.782 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. -0.01 min
Lab File: VL037976.D
Acq: 2 Nov 2021 21:43

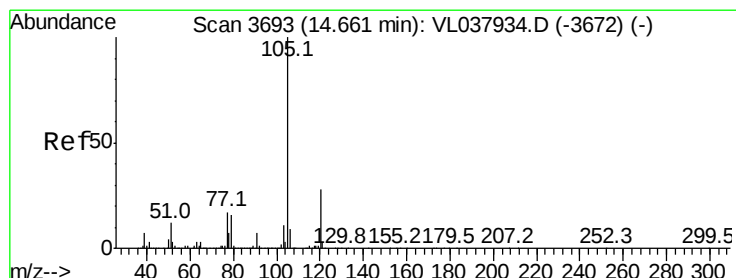
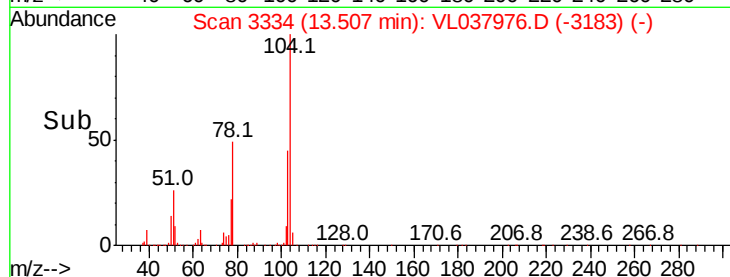
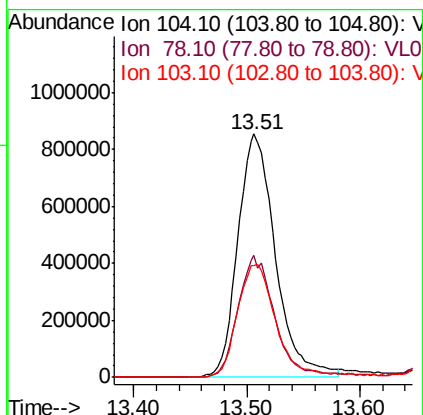
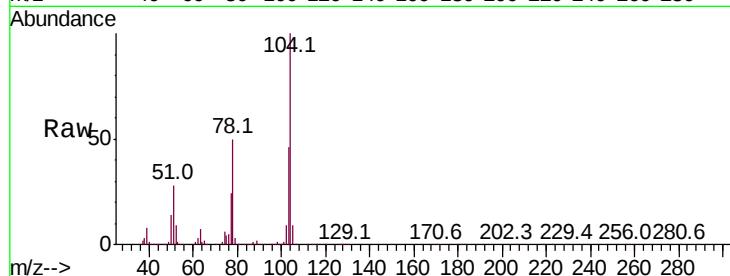
Tgt Ion: 91 Resp: 3615880
Ion Ratio Lower Upper
91 100
106 47.4 23.5 70.6





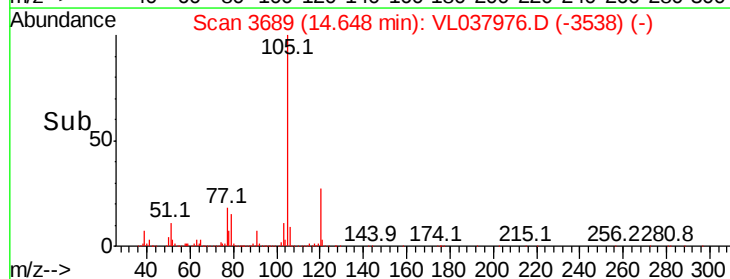
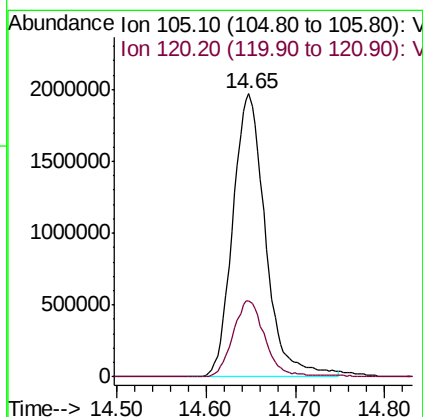
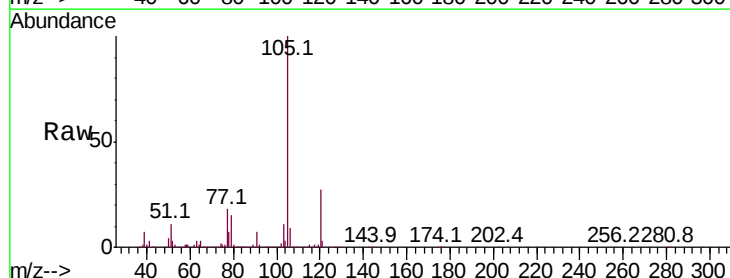
#61
Stvrene
Concen: 9.284 ppbv
RT: 13.51
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 2 Nov 2021 21:43

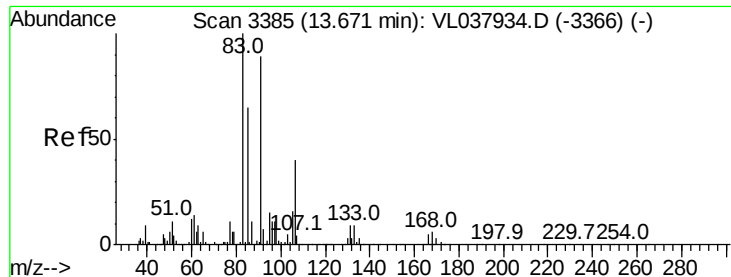
Tot Ion:104 Resp: 1981082
Ion Ratio Lower Upper
104 100
78 49.9 39.3 58.9
103 48.0 39.6 59.4



#62
Isopropylbenzene
Concen: 7.593 ppbv
RT: 14.65 min Scan# 3689
Delta R.T. -0.01 min
Lab File: VL037976.D
Acq: 2 Nov 2021 21:43

Tgt Ion:105 Resp: 4995664
Ion Ratio Lower Upper
105 100
120 27.1 21.8 32.6





#63

1,1,2,2-Tetrachloroethane

Concen: 6.243 ppbv

RT: 13.66

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 2 Nov 2021 21:43 VSTDCCC010EC

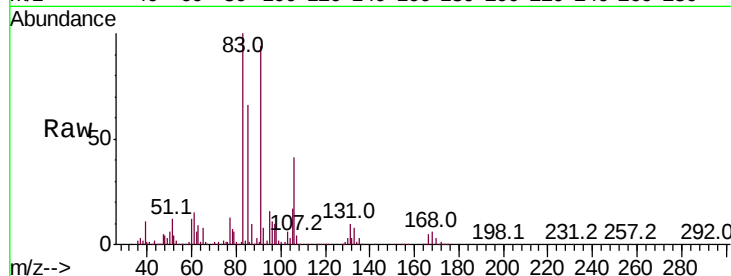
Tot Ion: 83 Resp: 2496601

Ion Ratio Lower Upper

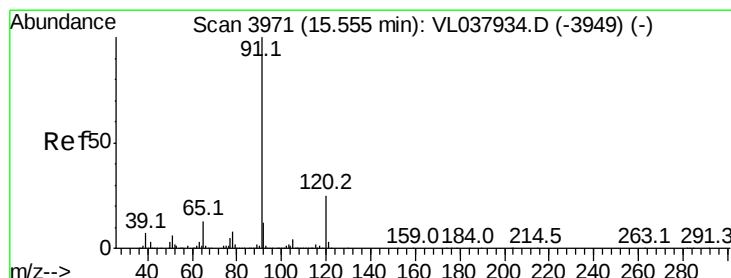
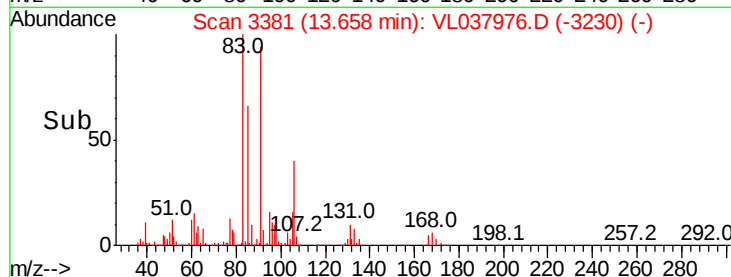
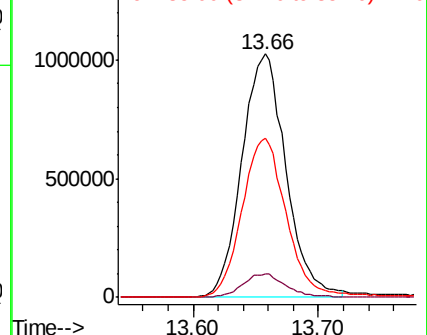
83 100

131 9.8 4.8 14.4

85 67.4 32.5 97.5



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 131.00 (130.70 to 131.70): V
Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 7.848 ppbv

RT: 15.54 min Scan# 3966

Delta R.T. -0.02 min

Lab File: VL037976.D

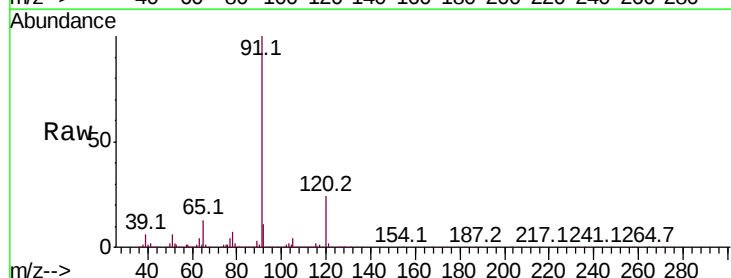
Acq: 2 Nov 2021 21:43

Tgt Ion:120 Resp: 1322947

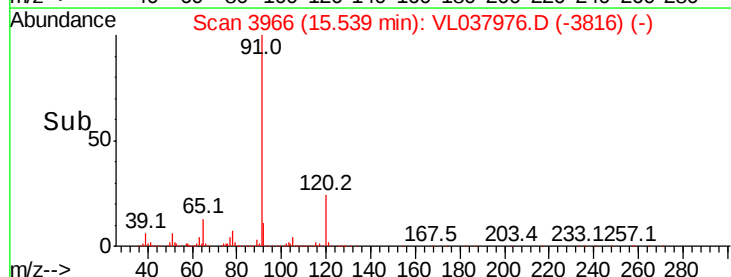
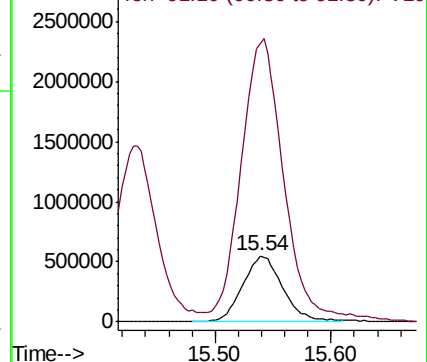
Ion Ratio Lower Upper

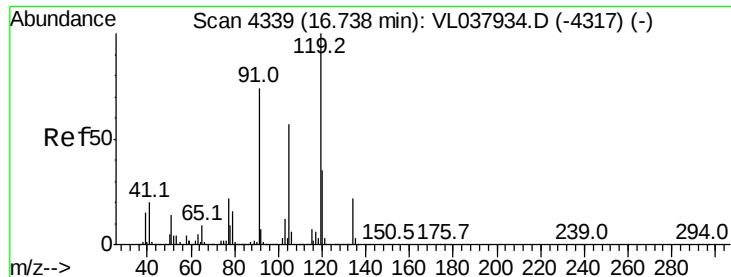
120 100

91 460.9 363.3 544.9



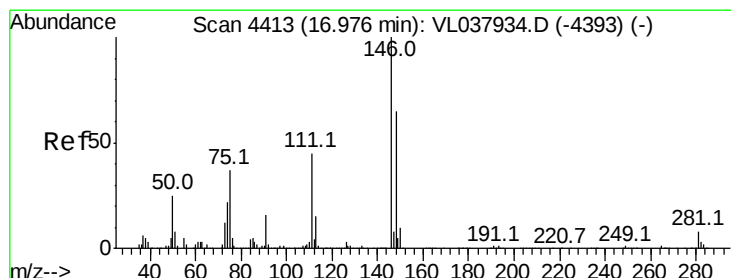
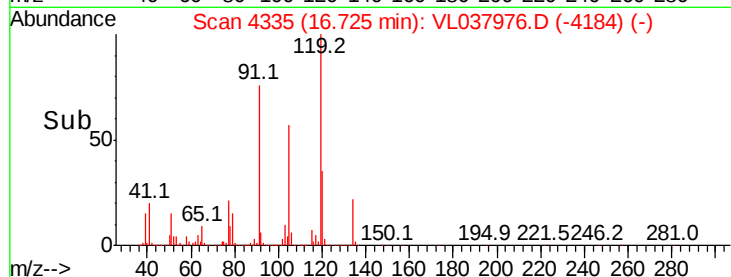
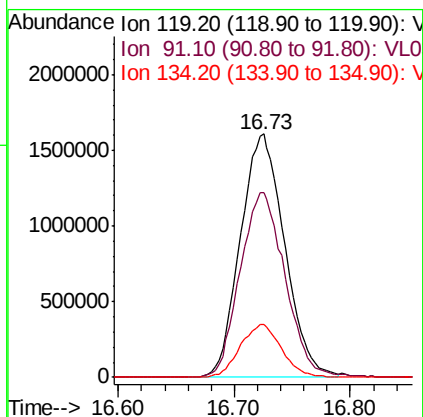
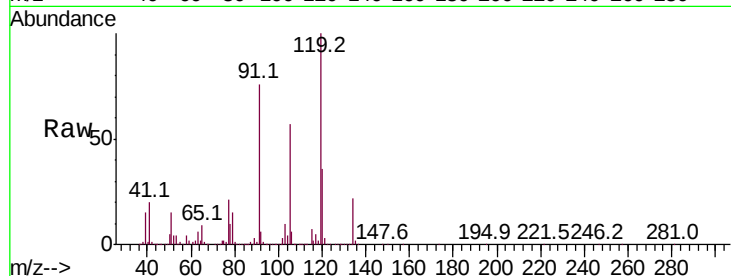
Abundance Ion 120.20 (119.90 to 120.90): V
Ion 91.10 (90.80 to 91.80): VL0





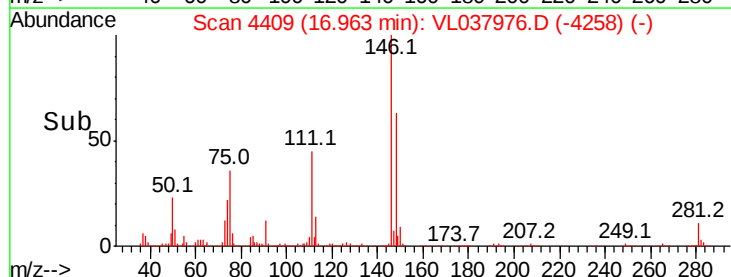
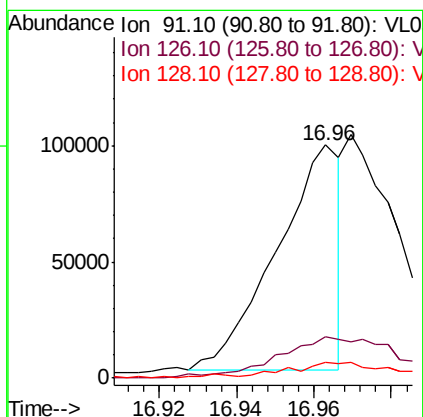
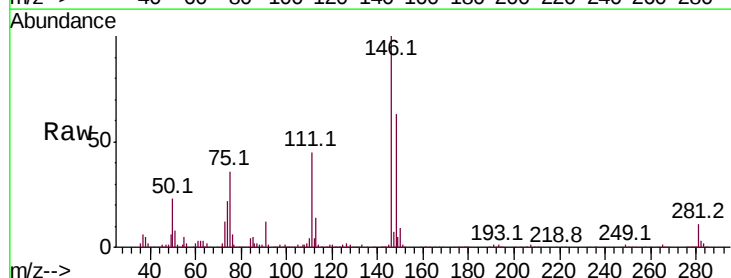
#65
tert-Butylbenzene
Concen: 7.330 ppbv
RT: 16.73 min
Delta R.T.: MSVOA_1
Lab File: ClientSampleId : VSTDCCC010EC
Acq: 2 Nov 2021 21:43

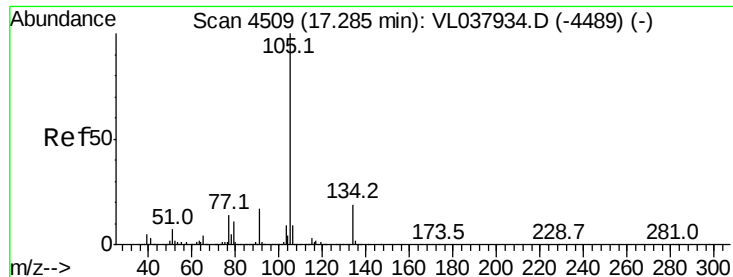
Tot Ion: 119 Resp: 4262224
Ion Ratio Lower Upper
119 100
91 77.4 61.8 92.6
134 20.5 16.6 25.0



#66
Benzyl Chloride
Concen: 3.626 ppbv
RT: 16.96 min Scan# 4409
Delta R.T.: -0.01 min
Lab File: VL037976.D
Acq: 2 Nov 2021 21:43

Tgt Ion: 91 Resp: 110164
Ion Ratio Lower Upper
91 100
126 37.8 13.8 20.6#
128 14.2 5.1 7.7#





#67

sec-Butylbenzene

Concen: 7.424 ppbv

RT: 17.27

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

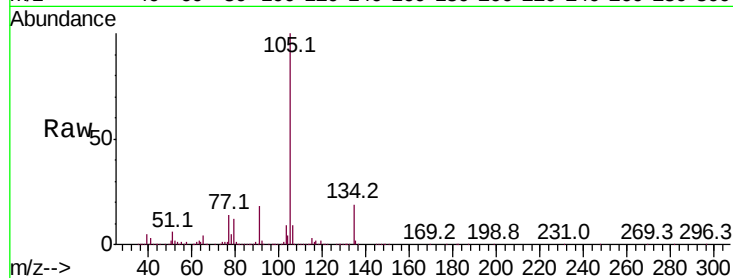
Acq: 2 Nov 2021 21:43

Tot Ion: 105 Resp: 5947449

Ion Ratio Lower Upper

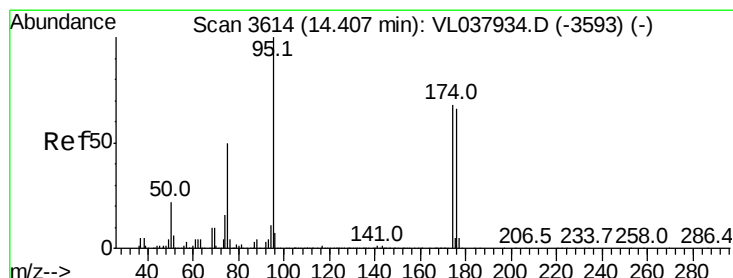
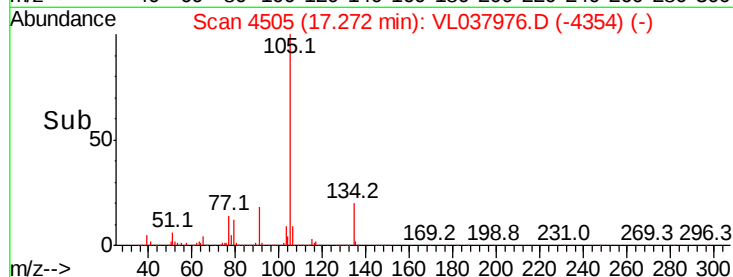
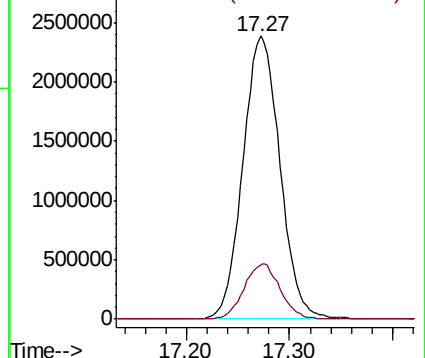
105 100

134 19.2 15.4 23.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 8.348 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. -0.01 min

Lab File: VL037976.D

Acq: 2 Nov 2021 21:43

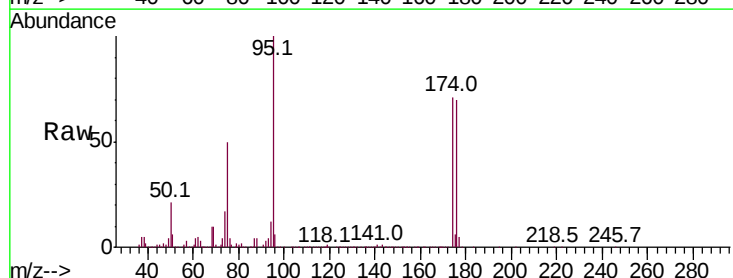
Tgt Ion: 95 Resp: 2751146

Ion Ratio Lower Upper

95 100

174 74.2 58.3 87.5

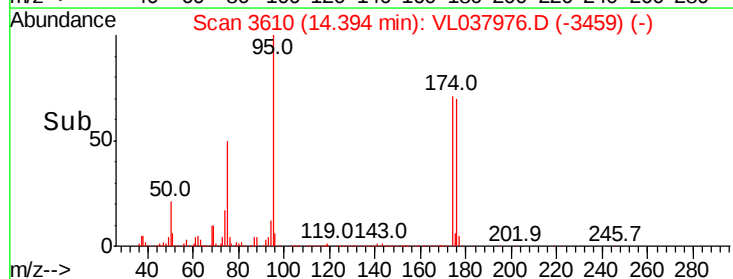
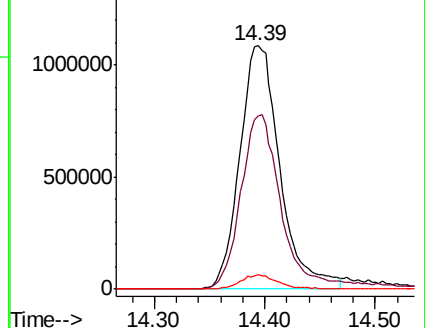
175 5.6 4.6 6.8

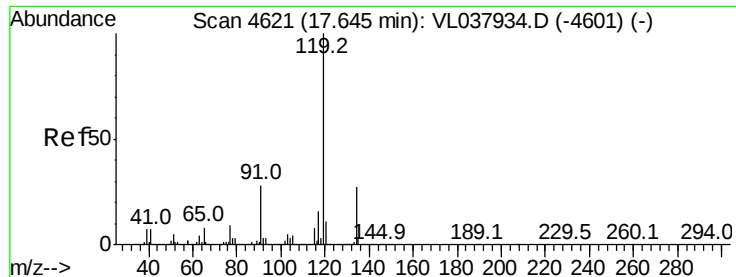


Abundance Ion 95.10 (94.80 to 95.80): V

Ion 174.00 (173.70 to 174.70): V

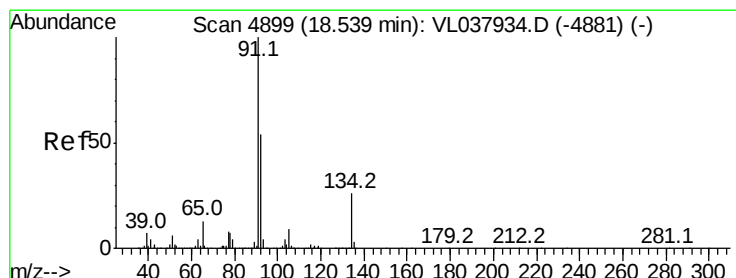
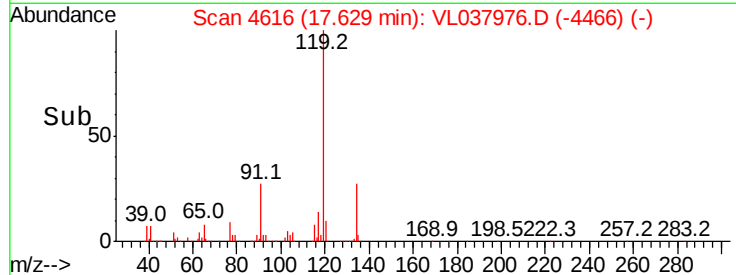
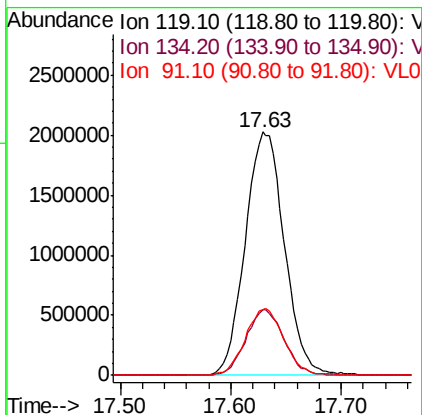
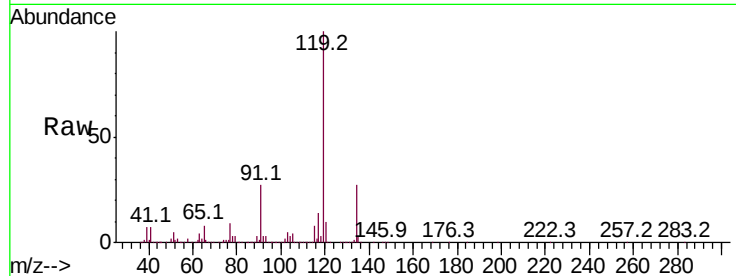
Ion 175.00 (174.70 to 175.70): V





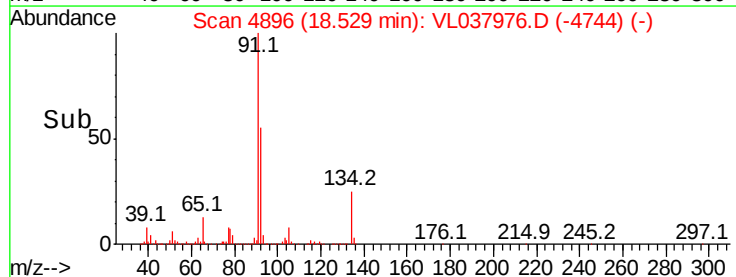
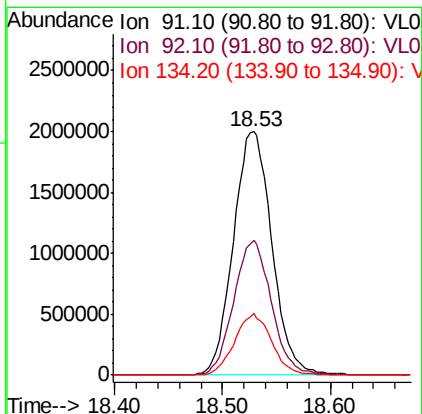
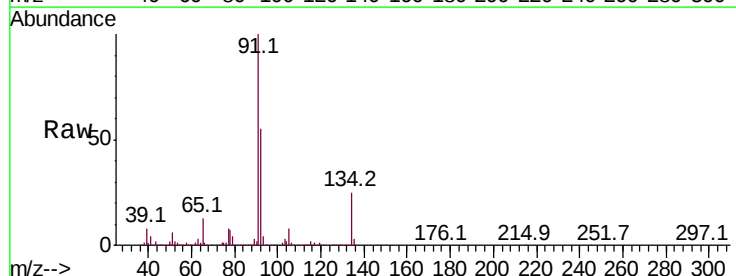
#69
 p-Isopropyltoluene
 Concen: 7.744 ppbv
 RT: 17.63 min
 Delta R.T.: MSVOA_1
 Lab File: ClientSampleId : VSTDCCC010EC
 Acq: 2 Nov 2021 21:43

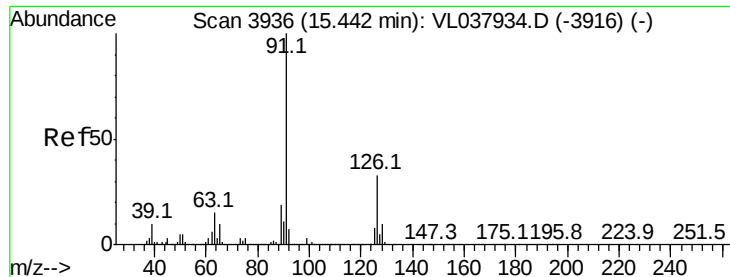
Tot Ion:	119	Resp:	4975973
Ion	Ratio	Lower	Upper
119	100		
134	26.4	21.0	31.4
91	27.0	21.8	32.8



#70
 n-Butylbenzene
 Concen: 8.412 ppbv
 RT: 18.53 min Scan# 4896
 Delta R.T.: -0.01 min
 Lab File: VL037976.D
 Acq: 2 Nov 2021 21:43

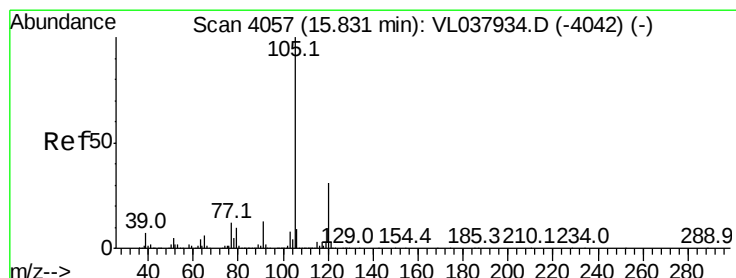
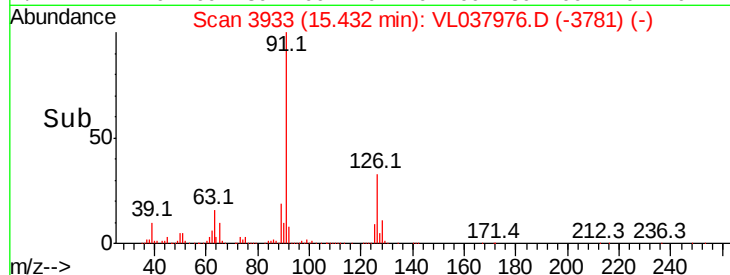
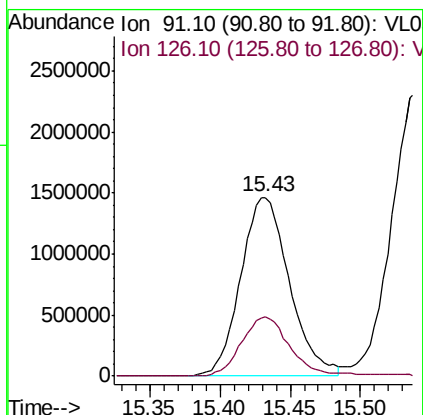
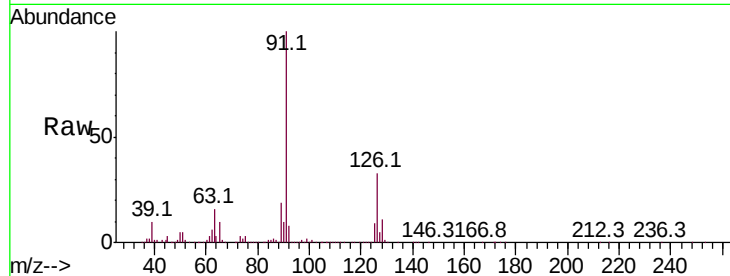
Tgt Ion:	91	Resp:	4966689
Ion	Ratio	Lower	Upper
91	100		
92	54.3	43.6	65.4
134	24.4	19.8	29.6





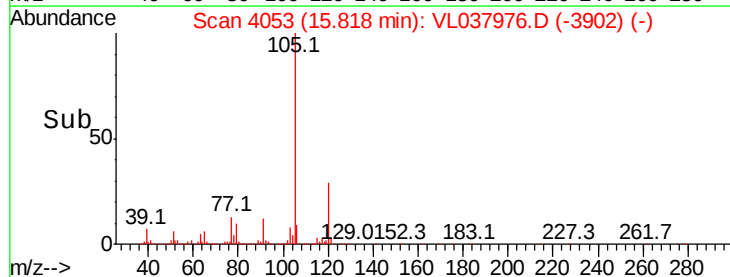
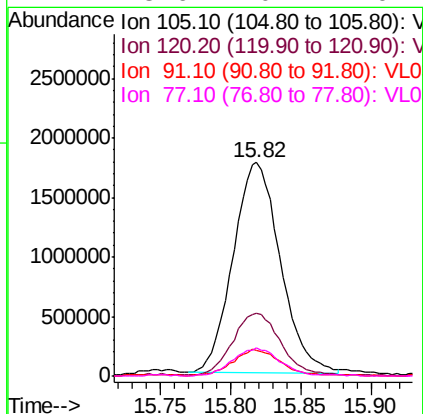
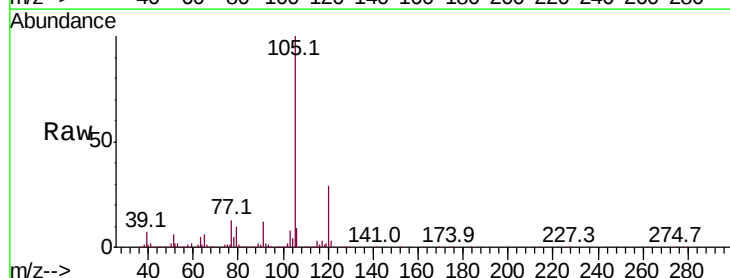
#71
 2-Chlorotoluene
 Concen: 7.669 ppbv
 RT: 15.43
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010EC
 Acq: 2 Nov 2021 21:43

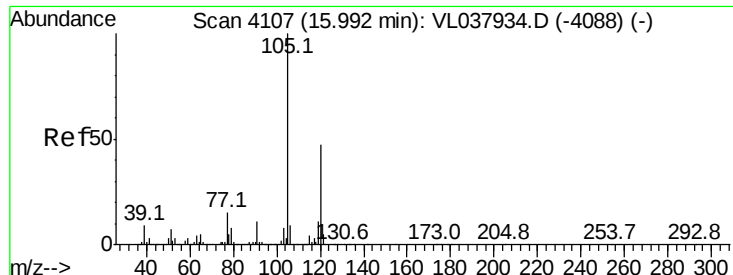
Tot Ion: 91 Resp: 3535237
 Ion Ratio Lower Upper
 91 100
 126 34.2 13.3 53.3



#72
 4-Ethyltoluene
 Concen: 7.778 ppbv
 RT: 15.82 min Scan# 4053
 Delta R.T. -0.01 min
 Lab File: VL037976.D
 Acq: 2 Nov 2021 21:43

Tgt Ion: 105 Resp: 4140451
 Ion Ratio Lower Upper
 105 100
 120 31.3 25.3 37.9
 91 12.6 9.9 14.9
 77 13.6 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 7.511 ppbv

RT: 15.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

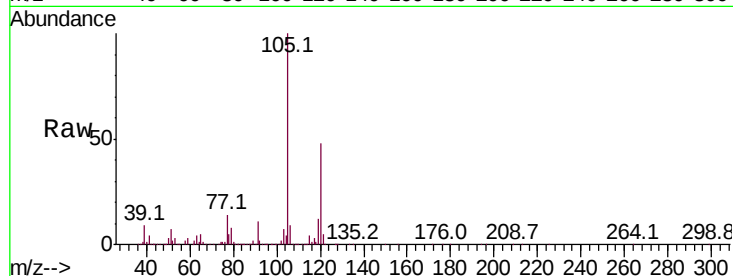
Acq: 2 Nov 2021 21:43

Tot Ion:105 Resp: 3744148

Ion Ratio Lower Upper

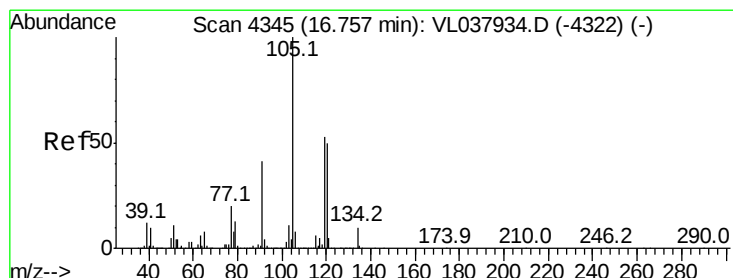
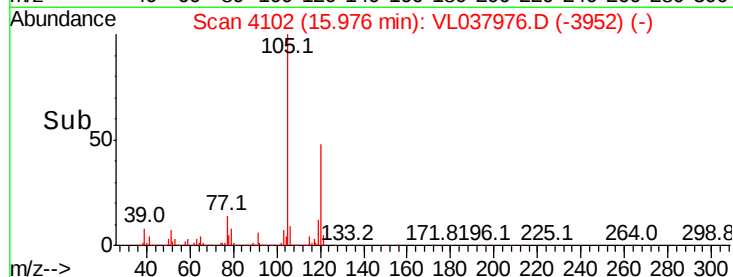
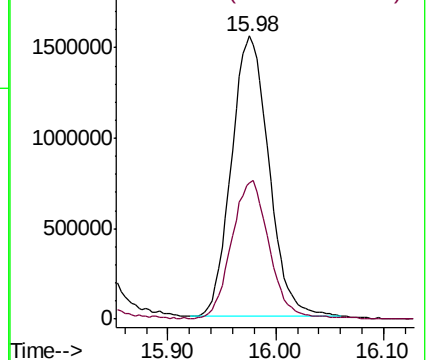
105 100

120 48.3 37.9 56.9



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 7.553 ppbv

RT: 16.74 min Scan# 4340

Delta R.T. -0.02 min

Lab File: VL037976.D

Acq: 2 Nov 2021 21:43

Tgt Ion:105 Resp: 3944510

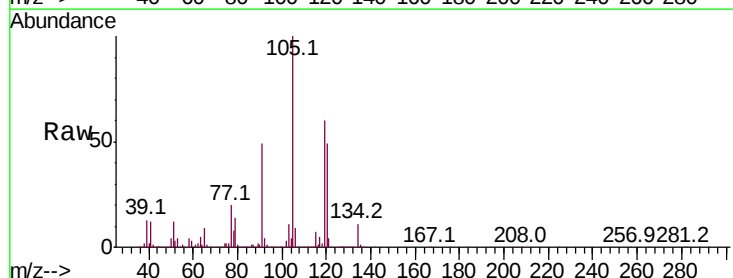
Ion Ratio Lower Upper

105 100

120 49.1 40.0 60.0

91 48.1 32.6 49.0

77 19.9 15.8 23.8

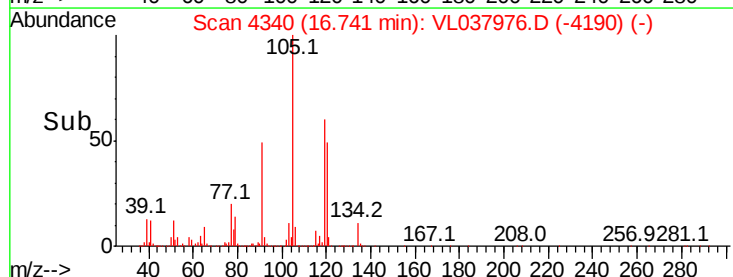
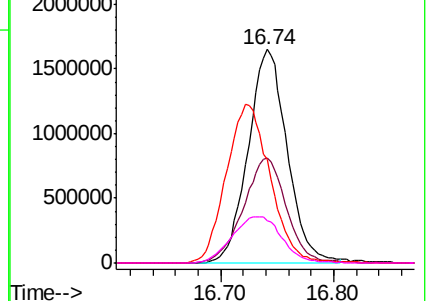


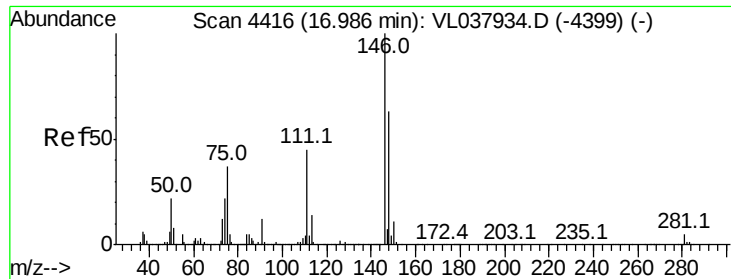
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

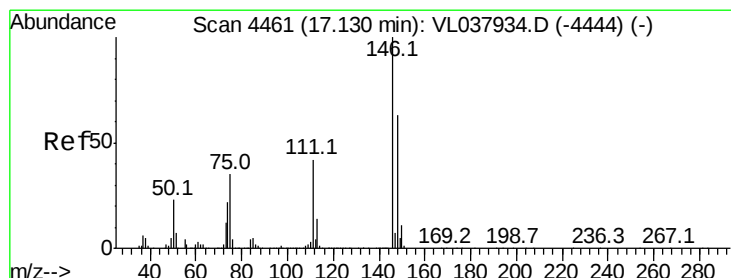
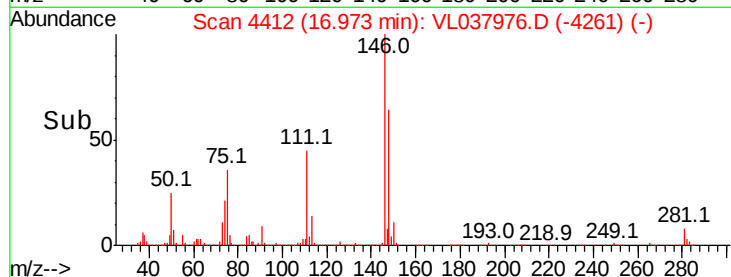
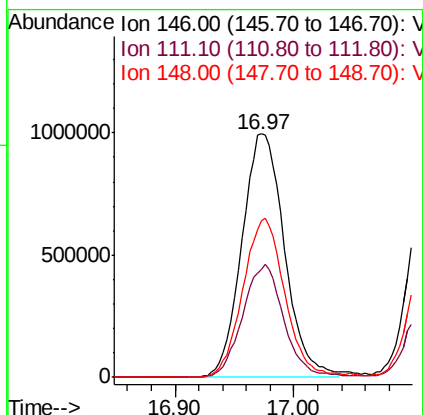
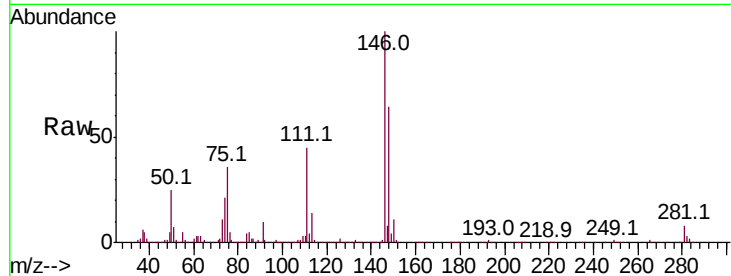




#75
 1,3-Dichlorobenzene
 Concen: 7.585 ppbv
 RT: 16.97 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VSTDCCC010EC
 Acq: 2 Nov 2021 21:43

Tot Ion:146 Resp: 2466330

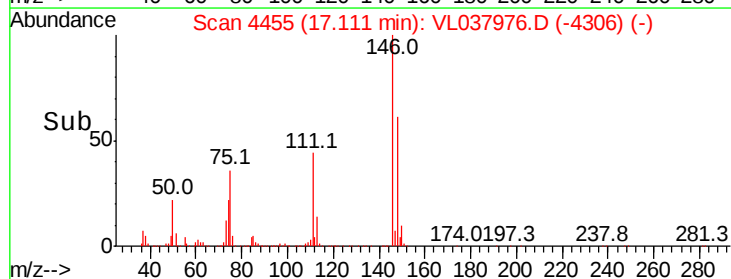
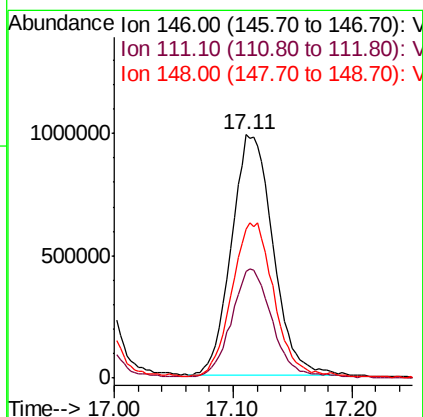
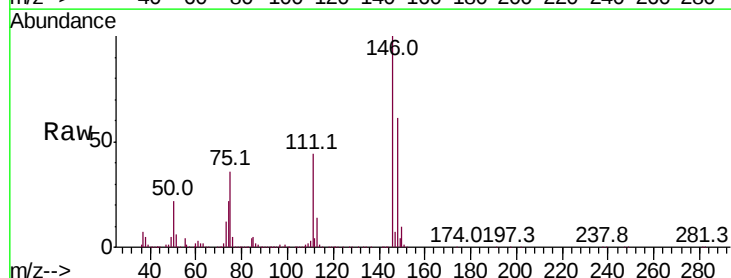
Ion	Ratio	Lower	Upper
146	100		
111	45.0	22.7	68.1
148	64.7	32.4	97.0

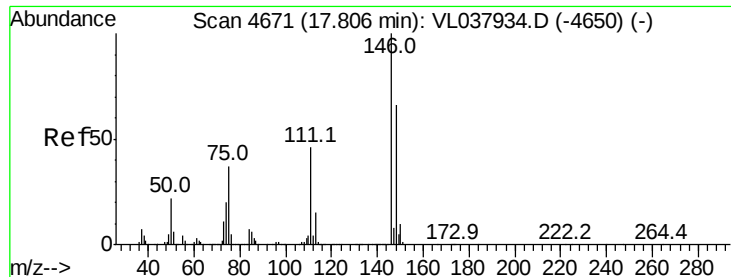


#76
 1,4-Dichlorobenzene
 Concen: 7.581 ppbv
 RT: 17.11 min Scan# 4455
 Delta R.T.: -0.02 min
 Lab File: VL037976.D
 Acq: 2 Nov 2021 21:43

Tgt Ion:146 Resp: 2385305

Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.7	68.1
148	66.9	33.5	100.4





#77

1,2-Dichlorobenzene

Concen: 7.814 ppbv

RT: 17.79

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 2 Nov 2021 21:43 VSTDCCC010EC

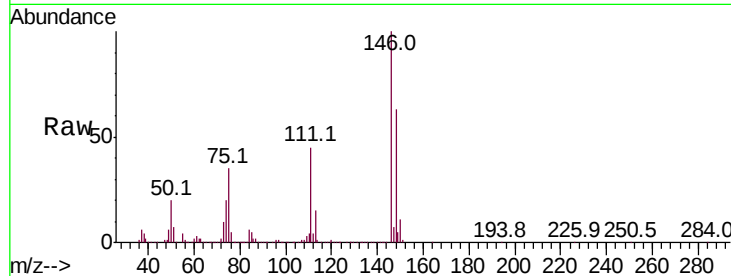
Tot Ion:146 Resp: 2385833

Ion Ratio Lower Upper

146 100

111 46.3 23.4 70.2

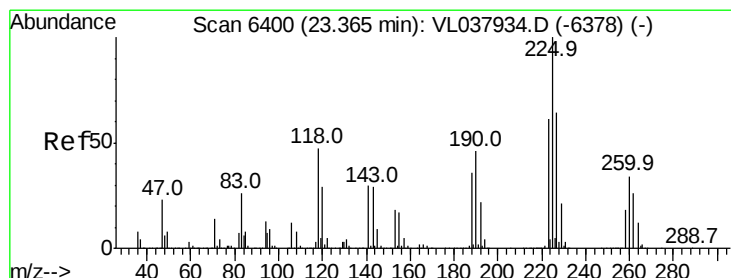
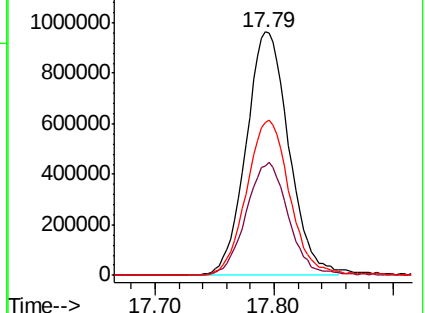
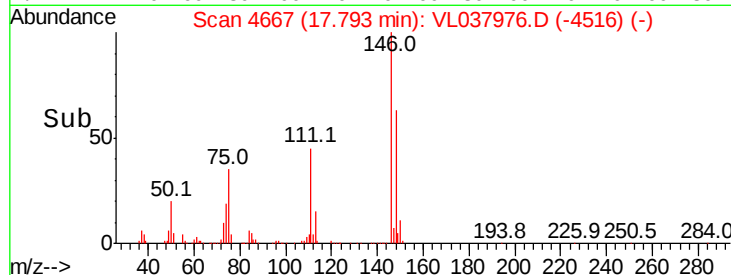
148 64.3 32.6 97.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 7.966 ppbv

RT: 23.35 min Scan# 6396

Delta R.T. -0.01 min

Lab File: VL037976.D

Acq: 2 Nov 2021 21:43

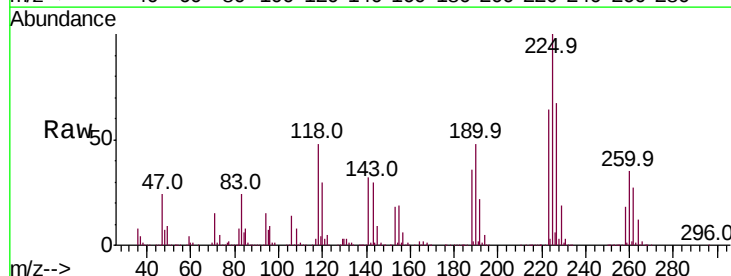
Tgt Ion:225 Resp: 2081640

Ion Ratio Lower Upper

225 100

223 64.0 50.0 75.0

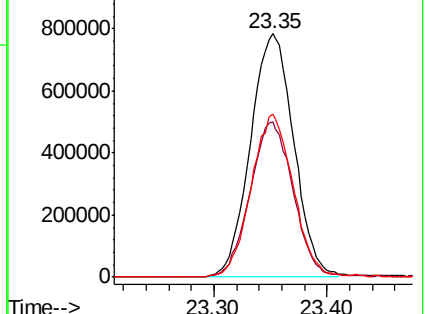
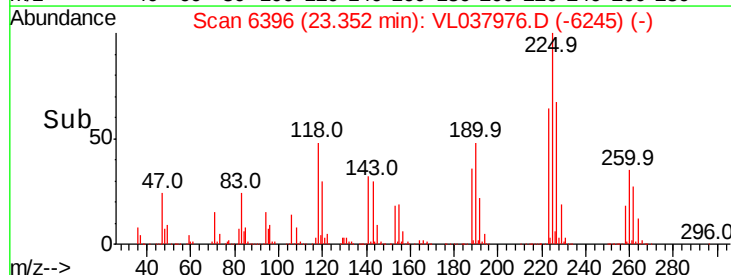
227 65.4 51.5 77.3

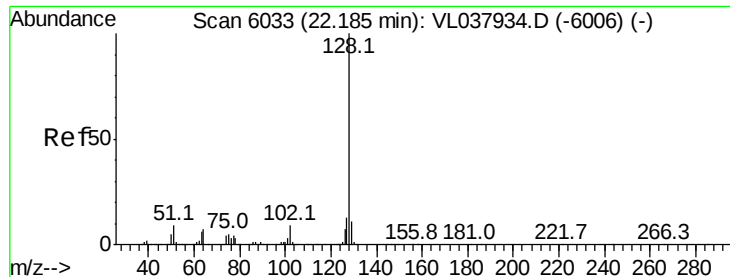


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 12.757 ppbv

RT: 22.17

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 2 Nov 2021 21:43 VSTDCCC010EC

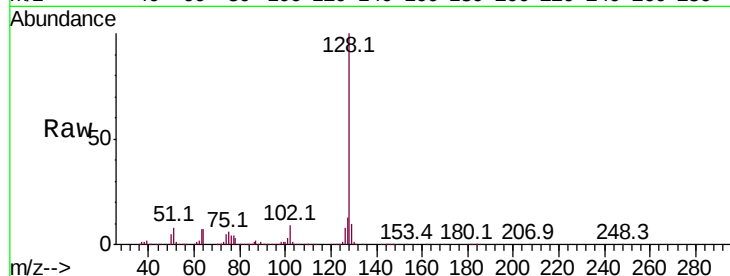
Tot Ion:128 Resp: 3838332

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

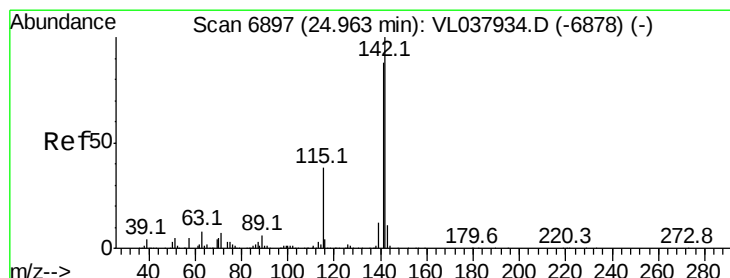
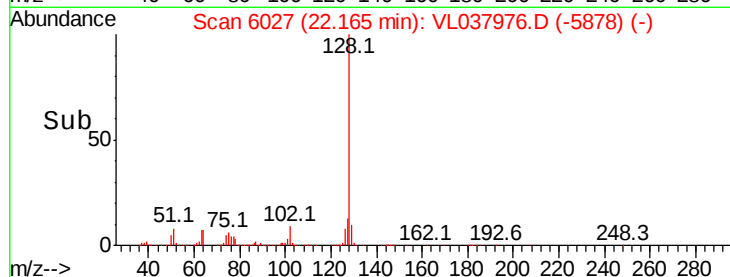
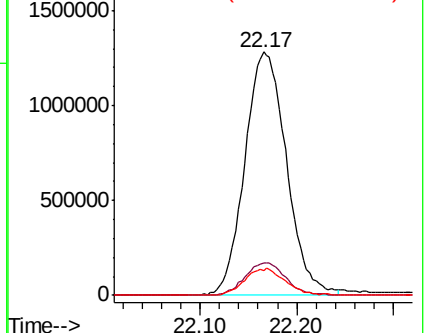
129 10.1 9.0 13.4



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 14.331 ppbv

RT: 24.95 min Scan# 6893

Delta R.T. -0.01 min

Lab File: VL037976.D

Acq: 2 Nov 2021 21:43

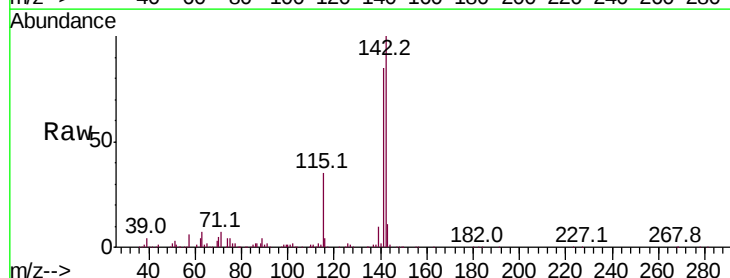
Tgt Ion:142 Resp: 839424

Ion Ratio Lower Upper

142 100

141 85.5 66.4 99.6

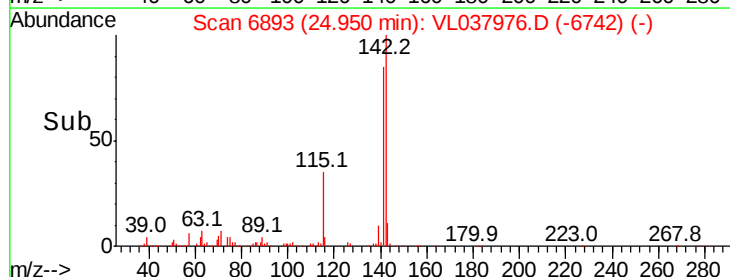
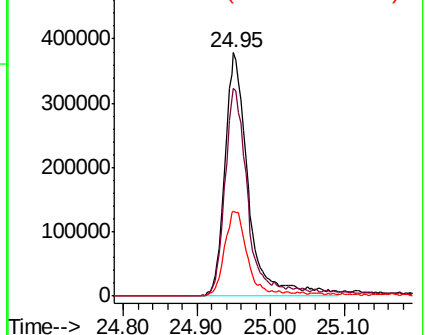
115 36.5 29.0 43.4

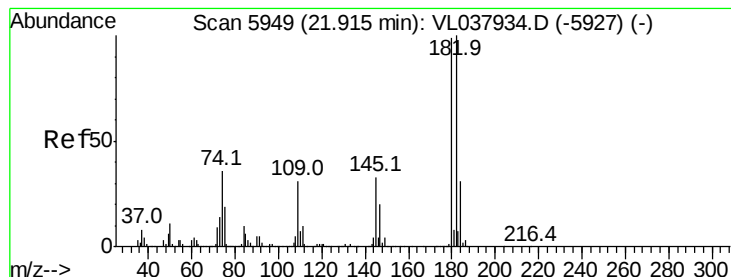


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81

1,2,4-Trichlorobenzene

Concen: 10.881 ppbv

RT: 21.90 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDCCC010EC

Acq: 2 Nov 2021 21.45

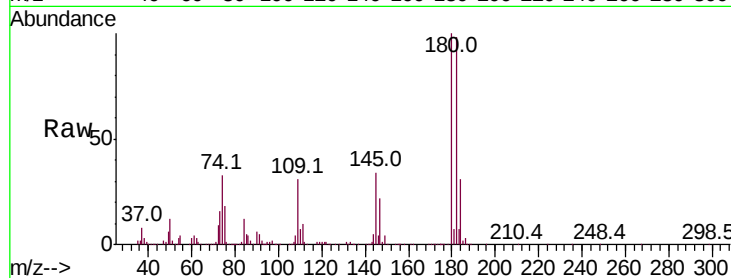
Tot Ion:180 Resp: 2130941

Ion Ratio Lower Upper

180 100

182 97.5 79.3 118.9

184 31.4 25.3 37.9



Abundance Ion 180.00 (179.70 to 180.70): V

1000000 Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

