

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102519\
 Data File : VL034372.D
 Acq On : 25 Oct 2019 20:21
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 VSTDCCC010EC

Quant Time: Oct 25 23:29:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 17 05:12:37 2019
 QLast Update : Thu Oct 17 05:12:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	943093	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.21	114	1904746	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.15	117	2093006	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1661727	9.37	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.70%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.02	85	1629304	10.021	ppbv	100
3) Chlorodifluoromethane	2.96	51	1049263	9.492	ppbv	98
4) Chloromethane	3.12	50	555910	8.502	ppbv	96
5) Vinyl Chloride	3.24	62	541402	8.684	ppbv	97
6) Bromomethane	3.46	94	296977	9.728	ppbv	94
7) Chloroethane	3.54	64	200963	9.158	ppbv	98
8) Dichlorotetrafluoroethane	3.17	85	1240879	8.808	ppbv	98
9) Propene	2.99	41	423758	8.648	ppbv	96
10) Heptane	8.16	43	1156131	9.193	ppbv	100
11) Trichlorofluoromethane	3.94	101	1404121	9.096	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.48	101	934482	9.240	ppbv	99
13) Ethanol	3.60	45	120633	10.995	ppbv	93
14) Bromoethene	3.73	108	384248	9.650	ppbv	98
15) Acetone	3.84	43	1023437	7.587	ppbv	99
16) 1,3-Butadiene	3.31	39	506404	9.239	ppbv	99
17) tert-Butyl alcohol	4.29	59	950556	11.041	ppbv	100
18) 1,1-Dichloroethene	4.29	96	409957	9.258	ppbv	99
19) Isopropyl Alcohol	3.96	45	800027	10.631	ppbv	100
20) Methylene Chloride	4.34	84	365636	7.498	ppbv	95
21) Allyl Chloride	4.41	41	713631	9.569	ppbv	100
22) trans-1,2-Dichloroethene	4.89	96	416404	9.428	ppbv	95
23) Vinyl Acetate	5.08	43	1588038	9.427	ppbv	99
24) 1,1-Dichloroethane	5.02	63	1131844	9.053	ppbv	99
25) Ethyl Acetate	5.69	43	1963508	8.622	ppbv	99
26) Hexane	5.70	57	857304	8.832	ppbv	98
27) Carbon Disulfide	4.55	76	1040487	10.325	ppbv	97
28) Methyl tert-Butyl Ether	5.04	73	1425034	9.700	ppbv	99
29) Chloroform	5.77	83	1403892	9.143	ppbv	98
30) Cyclohexane	7.17	84	681973	9.553	ppbv	98
31) cis-1,2-Dichloroethene	5.56	61	929830	9.439	ppbv	97
32) 1,1,1-Trichloroethane	6.54	97	1369798	9.174	ppbv	99
34) 2-Butanone	5.26	43	1336729	8.586	ppbv	99
35) Carbon Tetrachloride	7.05	117	1418524	8.550	ppbv	97
36) Benzene	6.92	78	1639037	8.969	ppbv	98
37) 1,2-Dichloroethane	6.33	62	1201317	8.820	ppbv	100
38) Trichloroethene	7.88	130	645720	8.805	ppbv	96
39) 1,2-Dichloropropane	7.65	63	685991	8.717	ppbv	92
40) 1,4-Dioxane	7.86	88	99676	3.604	ppbv #	1
41) Tetrahydrofuran	6.07	42	763376	8.835	ppbv	97
42) Bromodichloromethane	7.83	83	1554398	9.318	ppbv	98
43) Methyl Methacrylate	8.06	69	710018	9.394	ppbv	99

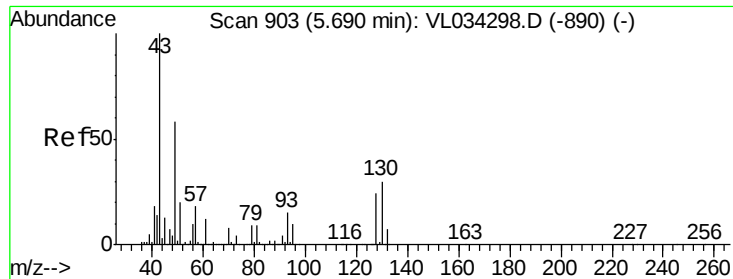
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102519\
 Data File : VL034372.D
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 QLast Update : Thu Oct 17 05:12:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.91	57	2976326	8.799	ppbv	99
45) t-1,3-Dichloropropene	9.33	75	912338	9.907	ppbv	100
46) cis-1,3-Dichloropropene	8.75	75	1041735	9.846	ppbv	97
47) 1,1,2-Trichloroethane	9.53	97	702940	8.819	ppbv	98
48) Dibromochloromethane	10.37	129	1283029	9.812	ppbv	98
49) Bromoform	13.11	173	1131686	9.767	ppbv	100
50) 4-Methyl-2-Pentanone	8.78	43	2014538	9.038	ppbv	99
51) 2-Hexanone	10.18	43	1680863	9.200	ppbv	100
52) Tetrachloroethene	11.28	164	629379	8.786	ppbv	96
53) Toluene	9.86	91	1920426	9.522	ppbv	99
54) 1,2-Dibromoethane	10.67	107	1117894	9.462	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.19	131	848830	8.800	ppbv	95
57) Chlorobenzene	12.21	112	1465087	8.391	ppbv	99
58) Ethyl Benzene	12.77	91	2687299	9.185	ppbv	96
59) m/p-Xylene	13.06	91	1838557	7.253	ppbv #	7
60) o-Xylene	13.76	91	2223911	8.810	ppbv	99
61) Styrene	13.59	104	1606347	9.039	ppbv	99
62) Isopropylbenzene	14.73	105	2951795	8.858	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.75	83	1582563	7.802	ppbv	99
64) n-propylbenzene	15.63	120	765292	8.949	ppbv	96
65) tert-Butylbenzene	16.82	119	2665017	9.024	ppbv	100
66) Benzyl Chloride	17.06	91	1137675	9.753	ppbv	99
67) sec-Butylbenzene	17.37	105	3701480	8.906	ppbv	99
69) p-Isopropyltoluene	17.73	119	3105473	9.165	ppbv	99
70) n-Butylbenzene	18.62	91	3330306	9.033	ppbv	98
71) 2-Chlorotoluene	15.53	91	2363451	9.147	ppbv	100
72) 4-Ethyltoluene	15.91	105	2592260	9.136	ppbv	99
73) 1,3,5-Trimethylbenzene	16.07	105	2510721	8.930	ppbv	97
74) 1,2,4-Trimethylbenzene	16.84	105	2564856	8.748	ppbv	95
75) 1,3-Dichlorobenzene	17.07	146	1455549	8.269	ppbv	100
76) 1,4-Dichlorobenzene	17.21	146	1442622	8.390	ppbv	99
77) 1,2-Dichlorobenzene	17.90	146	1430027	8.286	ppbv	99
78) Hexachloro-1,3-Butadiene	23.45	225	1217131	8.526	ppbv	99
79) Naphthalene	22.30	128	2259364	10.549	ppbv	98
80) Naphthalene,2-methyl-	25.04	142	681481	11.008	ppbv	95
81) 1,2,4-Trichlorobenzene	22.02	180	804777	5.753	ppbv #	18

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 902

Delta R.T. -0.00 min

Lab File: VL034372.D

Acq: 25 Oct 2019 20:21

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MSVOA_L

ClientSampleId :

VSTDCCC010EC

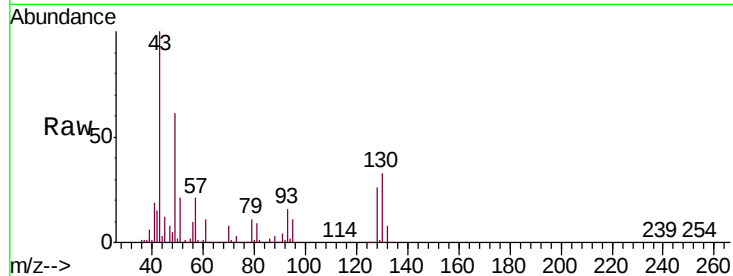
Tgt Ion: 49 Resp: 943093

Ion Ratio Lower Upper

49 100

128 43.1 20.6 61.8

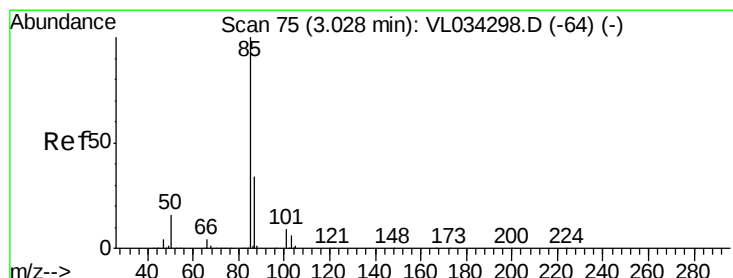
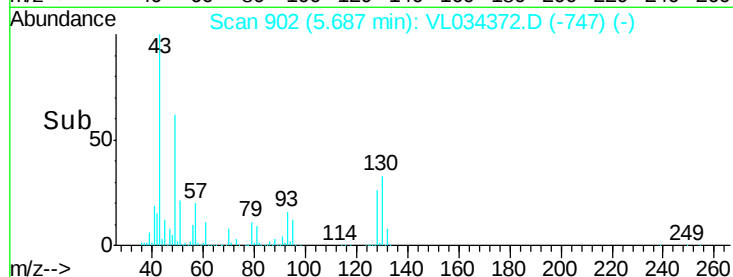
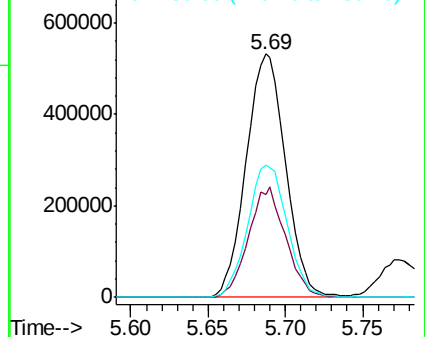
130 54.9 26.2 78.5



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: 10.021 ppbv

RT: 3.02 min Scan# 74

Delta R.T. -0.00 min

Lab File: VL034372.D

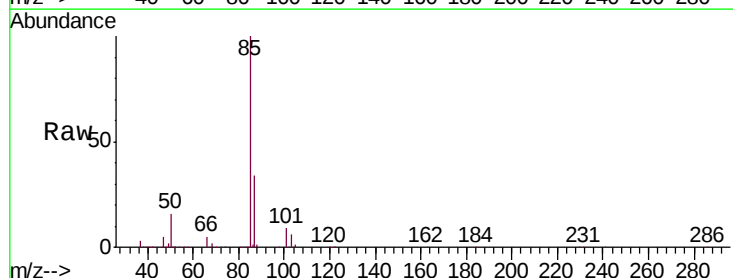
Acq: 25 Oct 2019 20:21

Tgt Ion: 85 Resp: 1629304

Ion Ratio Lower Upper

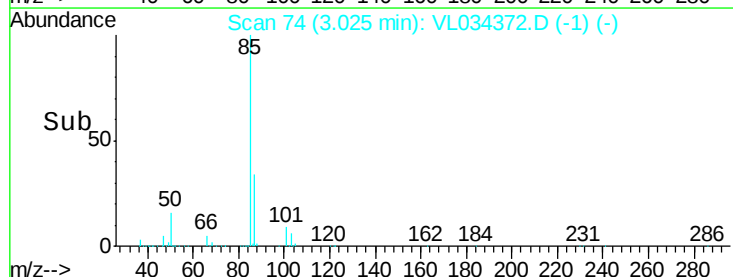
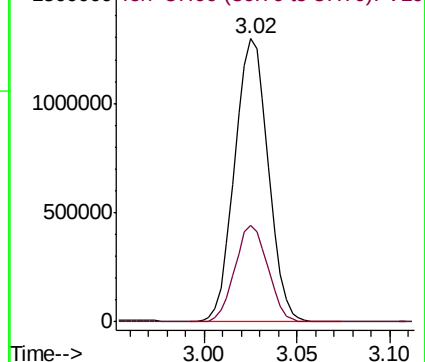
85 100

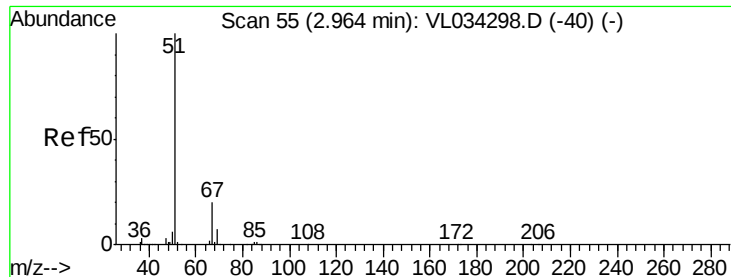
87 33.9 27.0 40.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

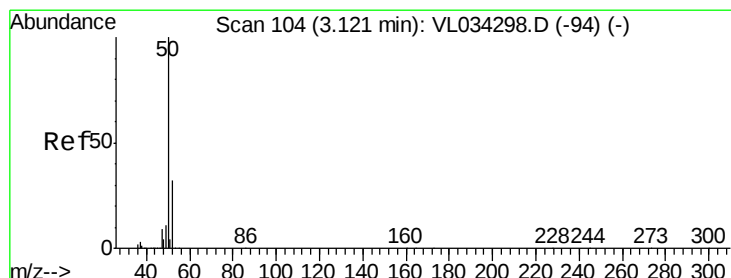
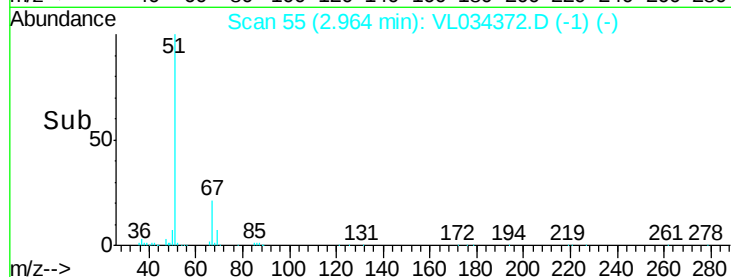
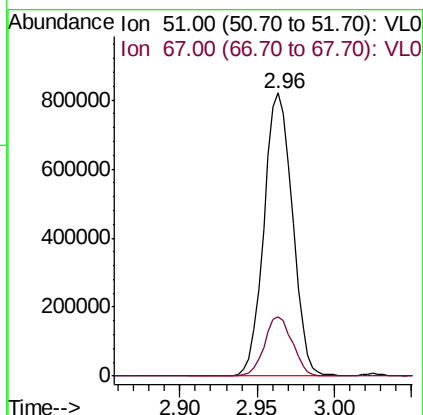
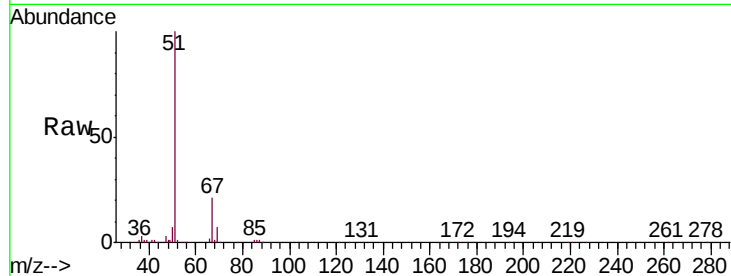




#3
Chlorodifluoromethane
Concen: 9.492 ppbv
RT: 2.96 min Scan# 55
Delta R.T. 0.00 min
Lab File: VL034372.D
Acq: 25 Oct 2019 20:21

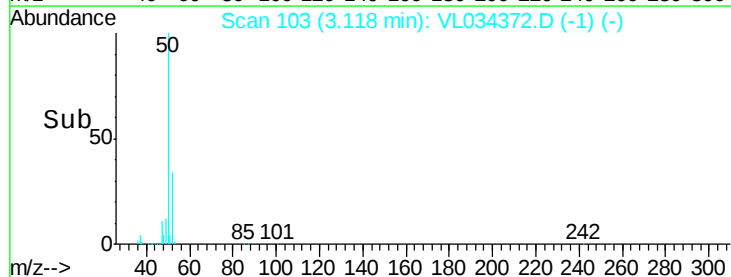
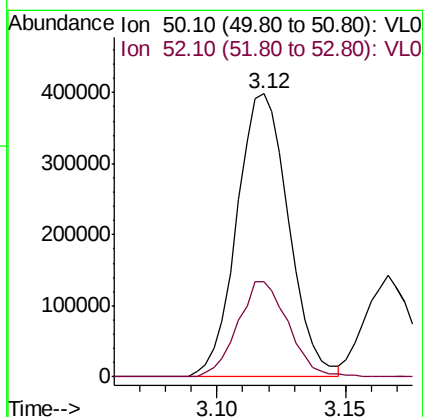
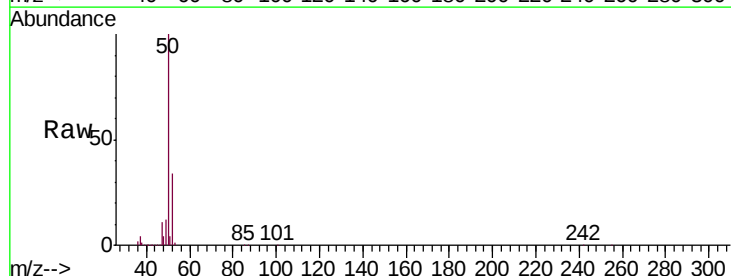
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

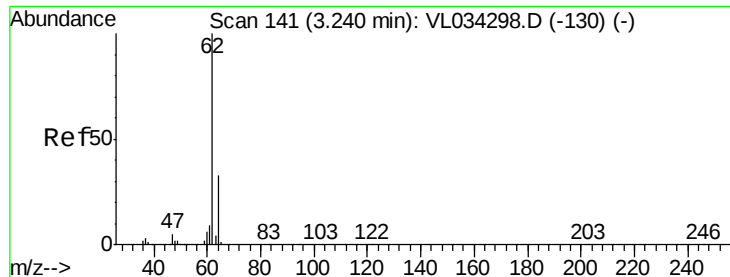
Tgt Ion: 51 Resp: 1049263
Ion Ratio Lower Upper
51 100
67 20.5 15.8 23.8



#4
Chloromethane
Concen: 8.502 ppbv
RT: 3.12 min Scan# 103
Delta R.T. -0.00 min
Lab File: VL034372.D
Acq: 25 Oct 2019 20:21

Tgt Ion: 50 Resp: 555910
Ion Ratio Lower Upper
50 100
52 33.8 25.4 38.2





#5

Vinyl Chloride

Concen: 8.684 ppbv

RT: 3.24 min Scan# 140

Delta R.T. -0.00 min

Lab File: VL034372.D

Acq: 25 Oct 2019 20:21

Instrument :

MSVOA_L

ClientSampleId :

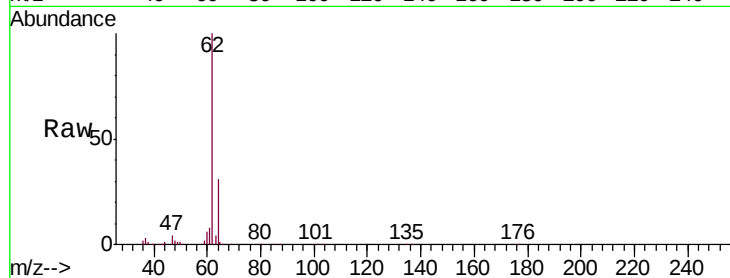
VSTDCCC010EC

Tgt Ion: 62 Resp: 541402

Ion Ratio Lower Upper

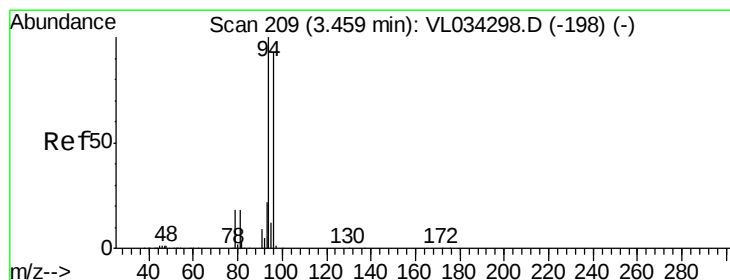
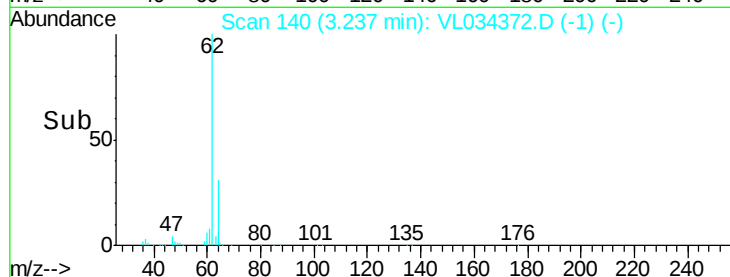
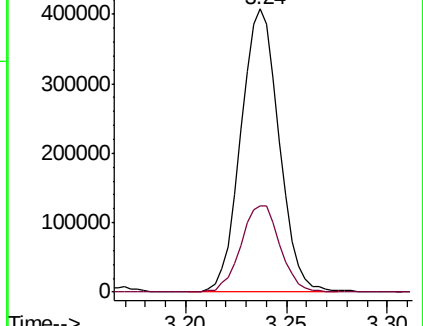
62 100

64 30.5 26.0 39.0



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 9.728 ppbv

RT: 3.46 min Scan# 208

Delta R.T. -0.00 min

Lab File: VL034372.D

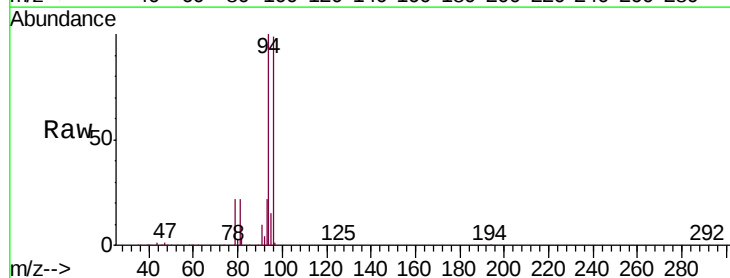
Acq: 25 Oct 2019 20:21

Tgt Ion: 94 Resp: 296977

Ion Ratio Lower Upper

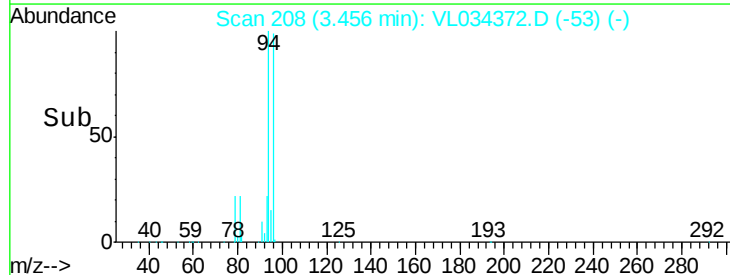
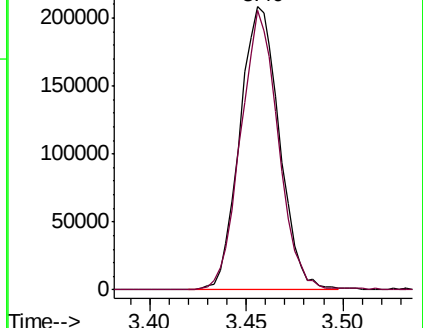
94 100

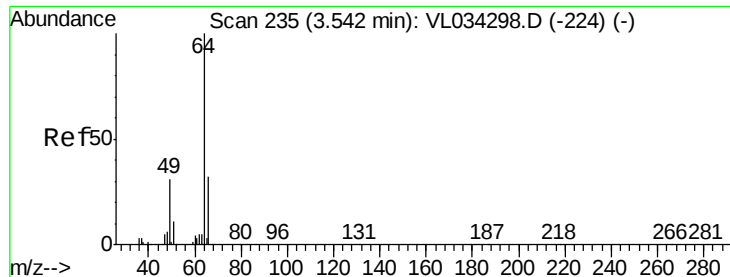
96 98.7 74.6 112.0



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 9.158 ppbv

RT: 3.54 min Scan# 234

Delta R.T. -0.00 min

Lab File: VL034372.D

Acq: 25 Oct 2019 20:21

Instrument :

MSVOA_L

ClientSampleId :

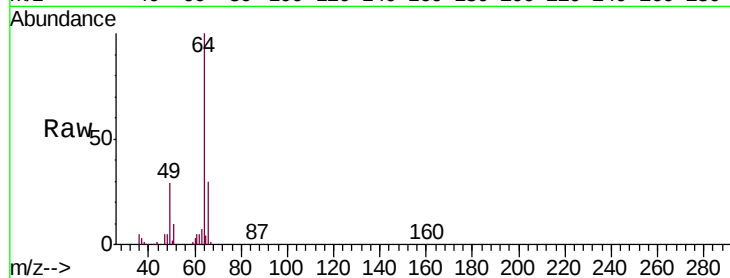
VSTDCCC010EC

Tgt Ion: 64 Resp: 200963

Ion Ratio Lower Upper

64 100

66 30.4 25.4 38.0



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.54

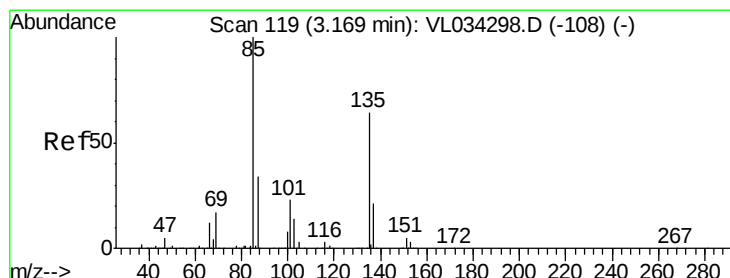
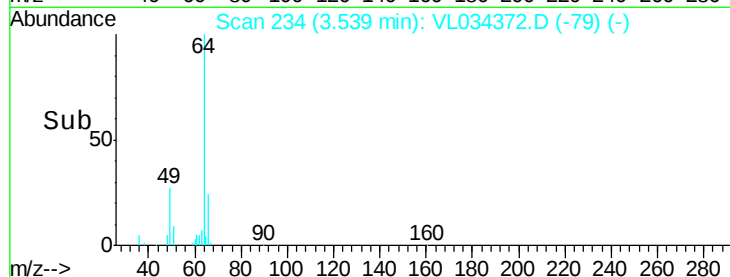
150000

100000

50000

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 8.808 ppbv

RT: 3.17 min Scan# 118

Delta R.T. -0.00 min

Lab File: VL034372.D

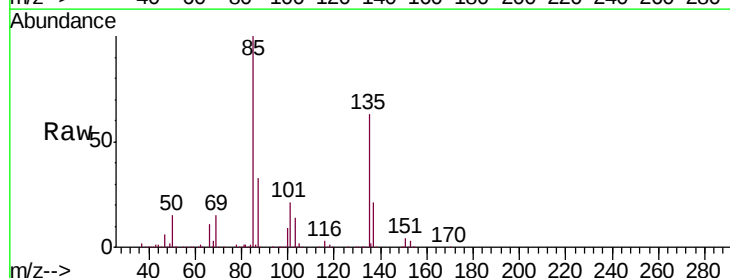
Acq: 25 Oct 2019 20:21

Tgt Ion: 85 Resp: 1240879

Ion Ratio Lower Upper

85 100

135 64.3 50.2 75.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

3.17

1000000

800000

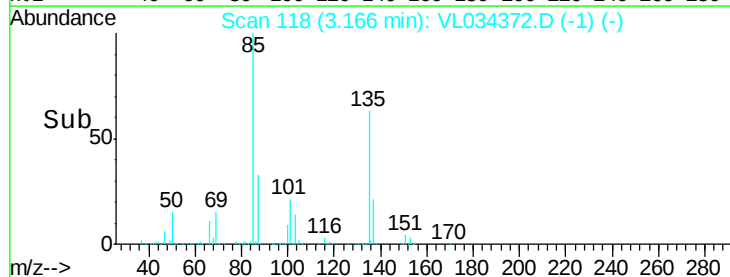
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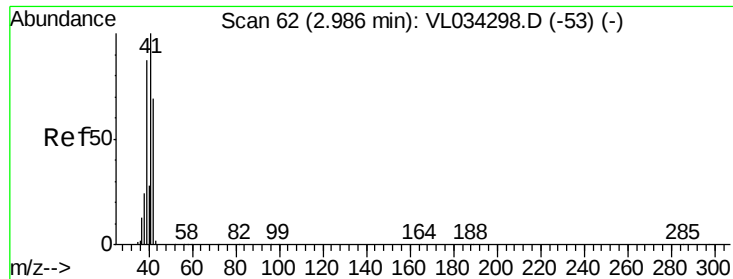
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200000

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Time-->





#9

Propene

Concen: 8.648 ppbv

RT: 2.99 min Scan# 62

Delta R.T. 0.00 min

Lab File: VL034372.D

Acq: 25 Oct 2019 20:21

Instrument :

MSVOA_L

ClientSampleId :

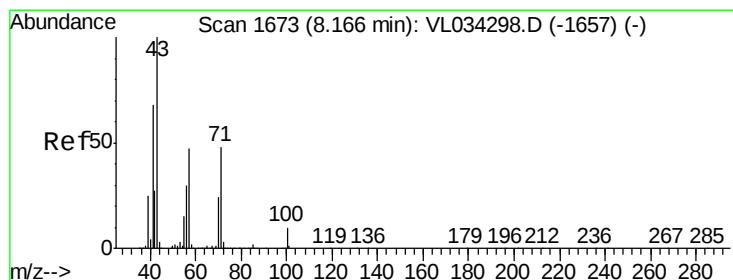
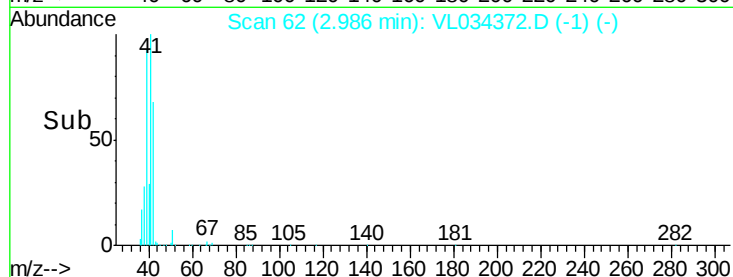
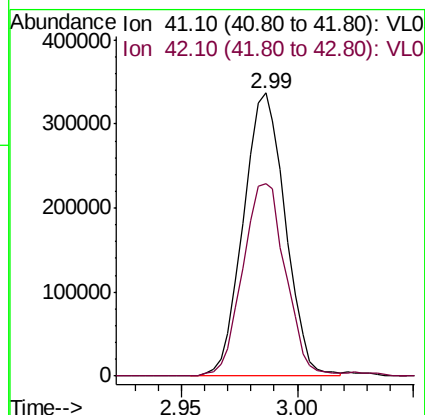
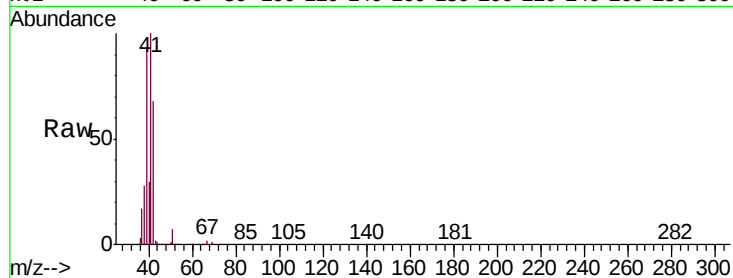
VSTDCCC010EC

Tgt Ion: 41 Resp: 423758

Ion Ratio Lower Upper

41 100

42 70.5 53.9 80.9



#10

Heptane

Concen: 9.193 ppbv

RT: 8.16 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VL034372.D

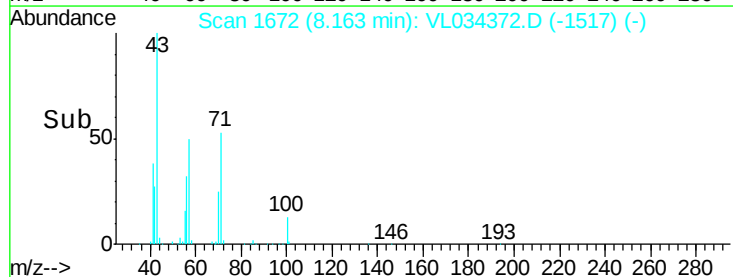
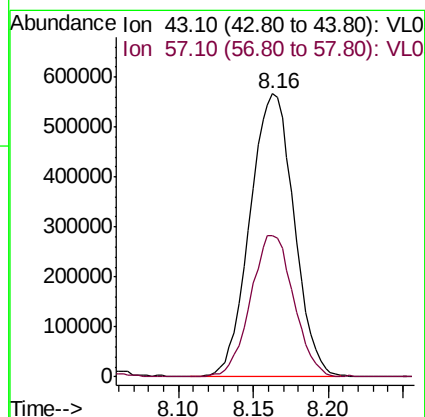
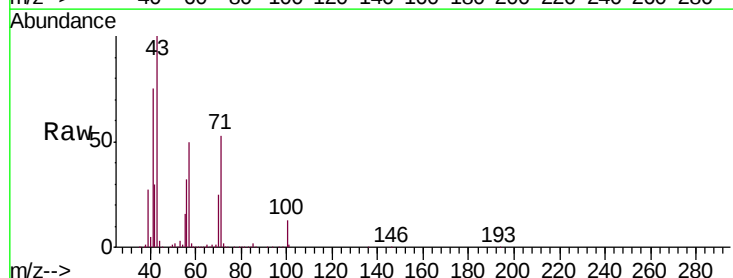
Acq: 25 Oct 2019 20:21

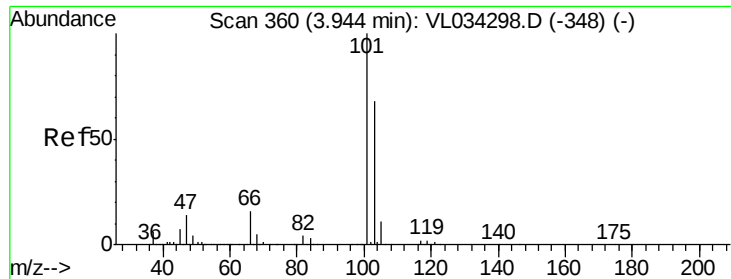
Tgt Ion: 43 Resp: 1156131

Ion Ratio Lower Upper

43 100

57 49.3 39.5 59.3

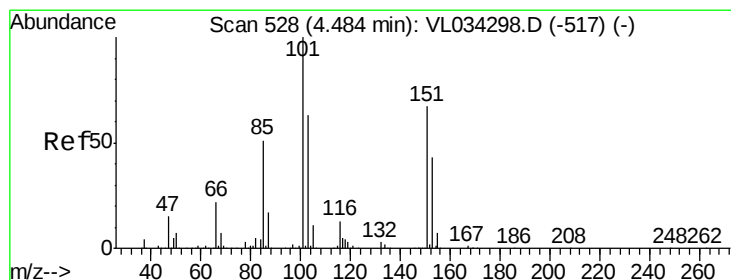
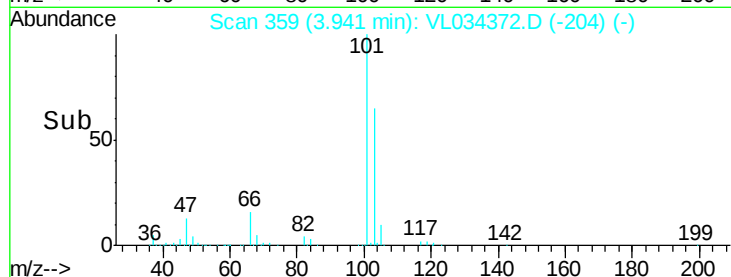
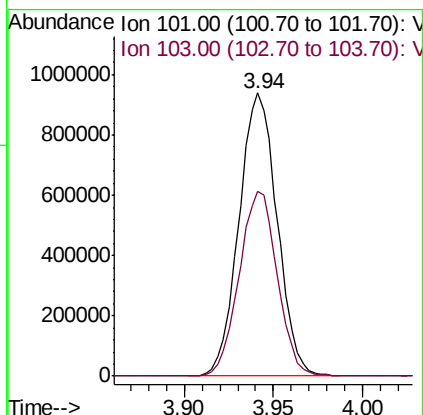
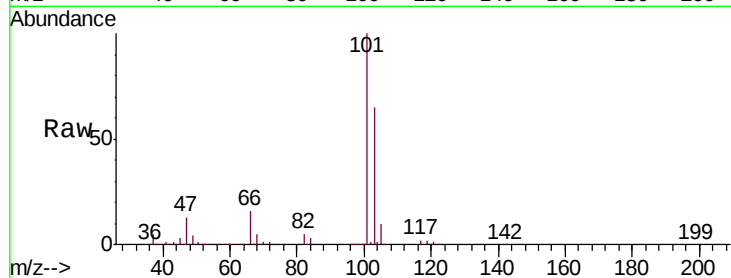




#11
 Trichlorofluoromethane
 Concen: 9.096 ppbv
 RT: 3.94 min Scan# 359
 Delta R.T. -0.00 min
 Lab File: VL034372.D
 Acq: 25 Oct 2019 20:21

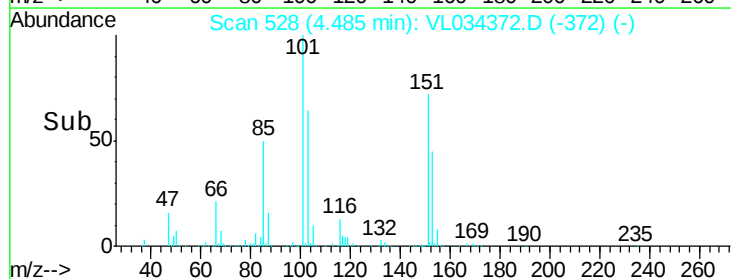
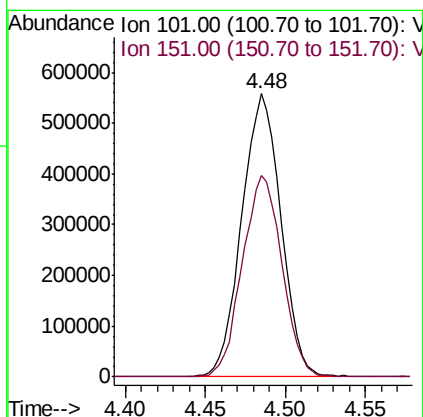
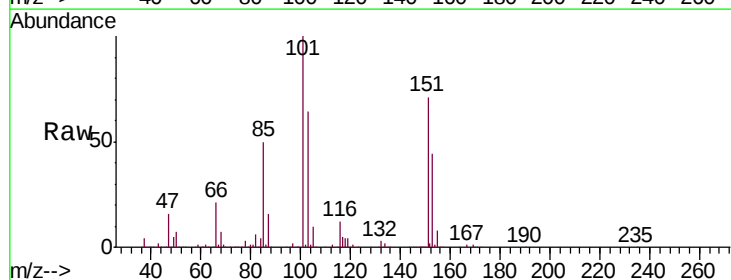
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

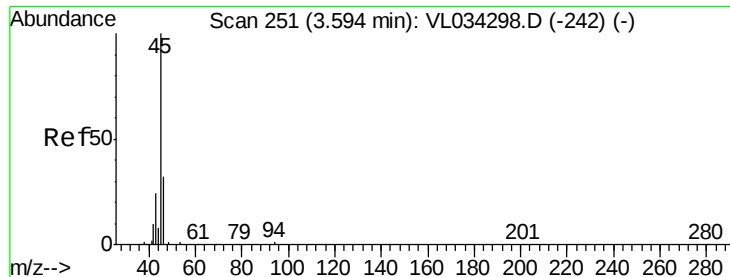
Tgt Ion:101 Resp: 1404121
 Ion Ratio Lower Upper
 101 100
 103 65.2 54.5 81.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.240 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VL034372.D
 Acq: 25 Oct 2019 20:21

Tgt Ion:101 Resp: 934482
 Ion Ratio Lower Upper
 101 100
 151 72.3 57.4 86.2

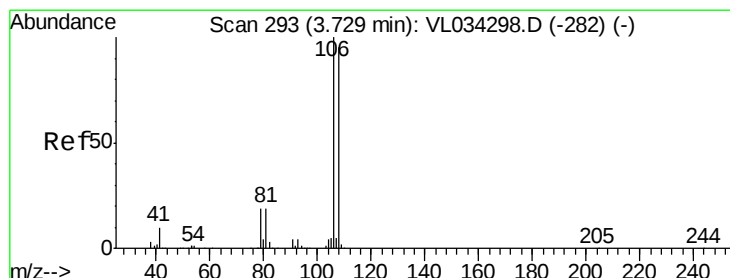
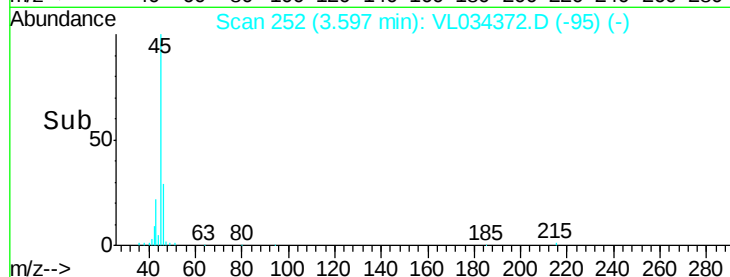
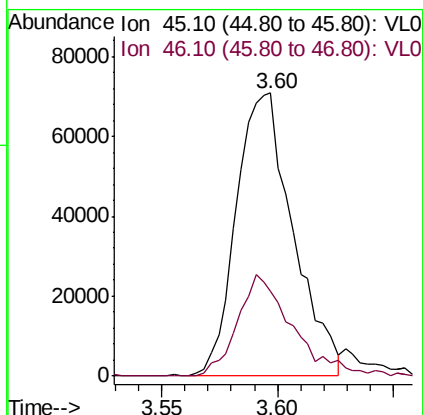
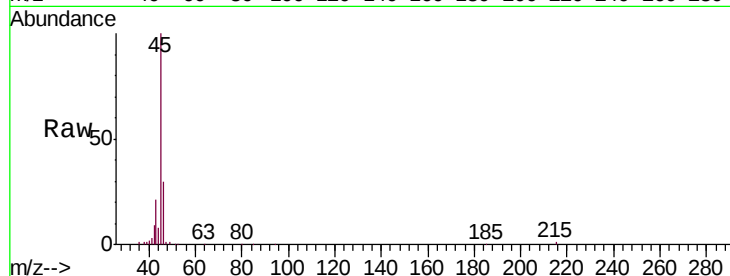




#13
Ethanol
Concen: 10.995 ppbv
RT: 3.60 min Scan# 252
Delta R.T. 0.00 min
Lab File: VL034372.D
Acq: 25 Oct 2019 20:21

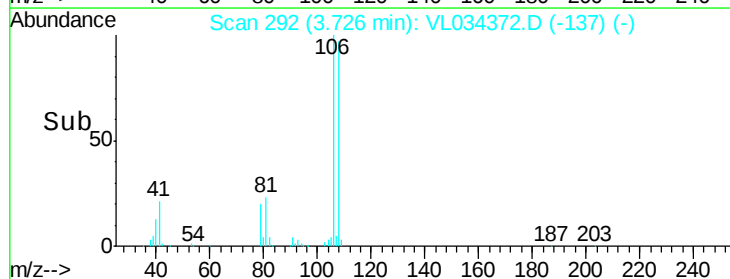
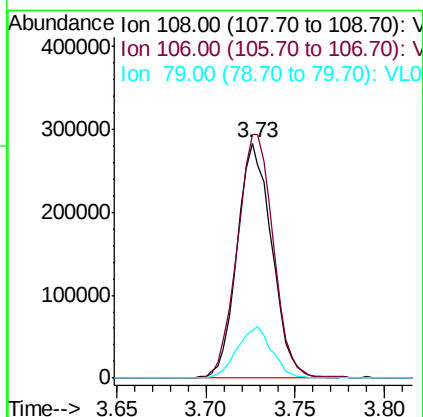
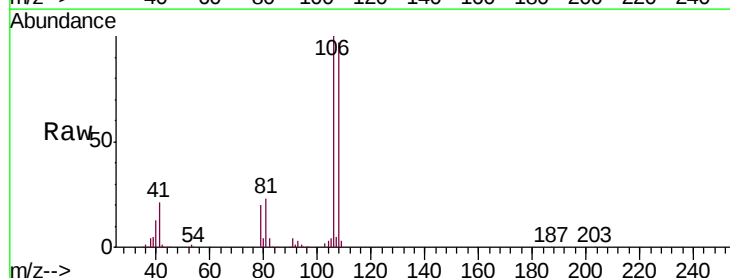
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

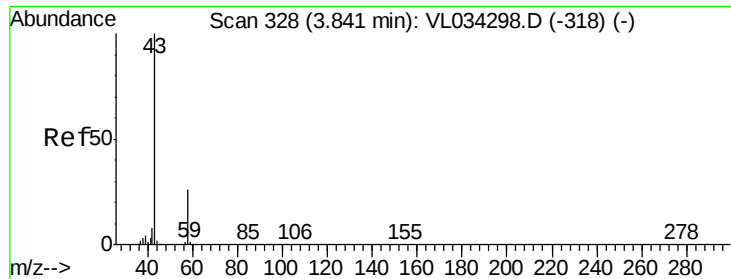
Tgt Ion: 45 Resp: 120633
Ion Ratio Lower Upper
45 100
46 35.2 15.8 63.2



#14
Bromoethene
Concen: 9.650 ppbv
RT: 3.73 min Scan# 292
Delta R.T. -0.00 min
Lab File: VL034372.D
Acq: 25 Oct 2019 20:21

Tgt Ion: 108 Resp: 384248
Ion Ratio Lower Upper
108 100
106 107.6 84.8 127.2
79 22.1 17.0 25.4





#15

Acetone

Concen: 7.587 ppbv

RT: 3.84 min Scan# 327

Delta R.T. -0.00 min

Lab File: VL034372.D

Acq: 25 Oct 2019 20:21

Instrument :

MSVOA_L

ClientSampleId :

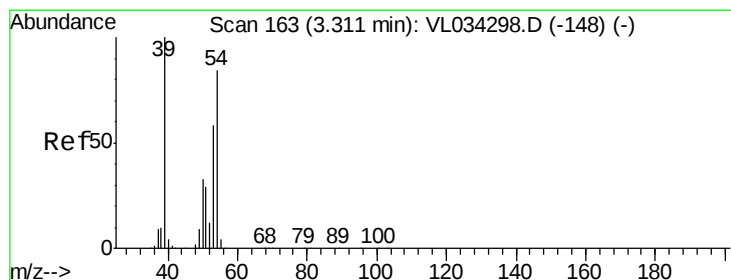
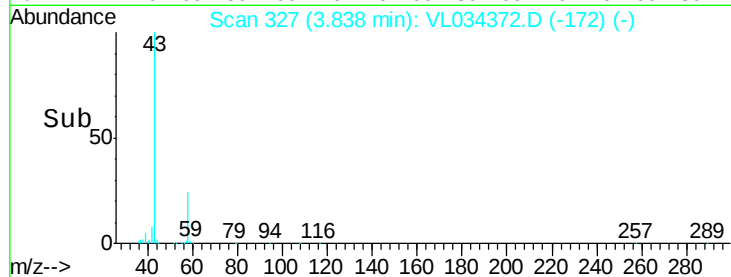
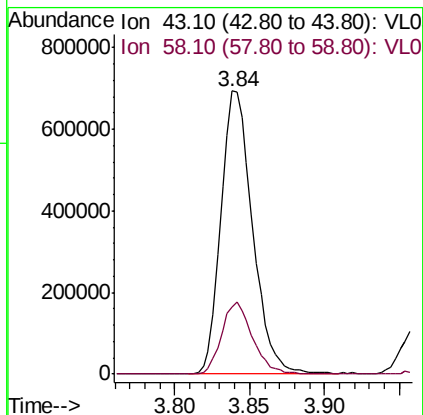
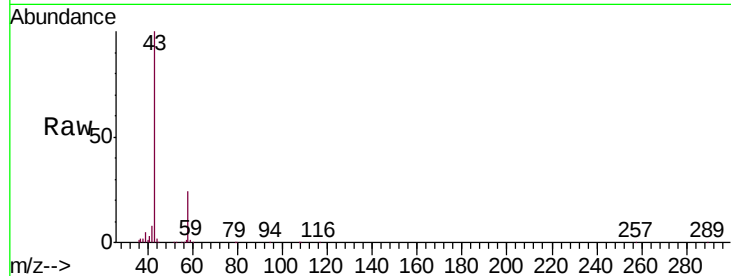
VSTDCCC010EC

Tgt Ion: 43 Resp: 1023437

Ion Ratio Lower Upper

43 100

58 24.9 20.4 30.6



#16

1,3-Butadiene

Concen: 9.239 ppbv

RT: 3.31 min Scan# 162

Delta R.T. -0.00 min

Lab File: VL034372.D

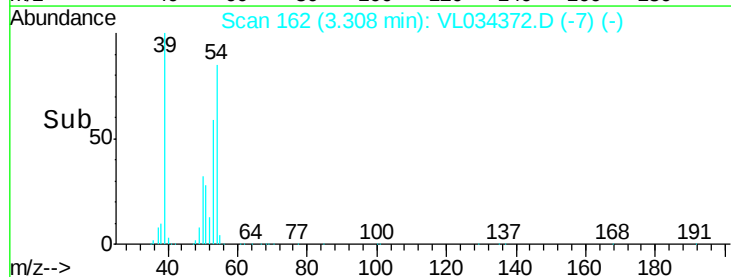
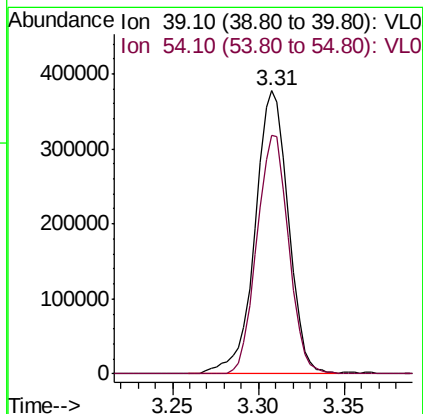
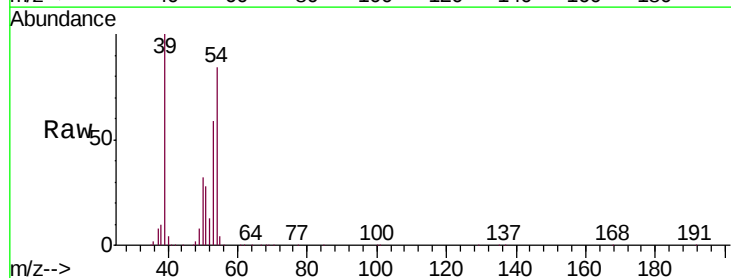
Acq: 25 Oct 2019 20:21

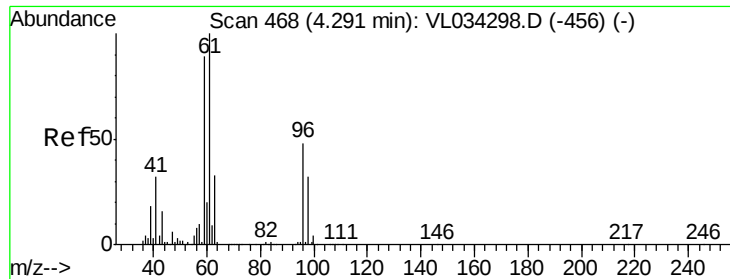
Tgt Ion: 39 Resp: 506404

Ion Ratio Lower Upper

39 100

54 80.9 63.9 95.9

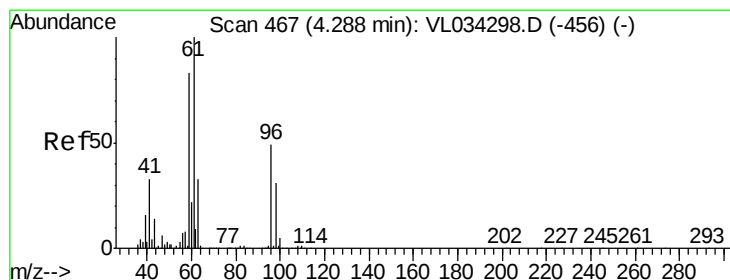
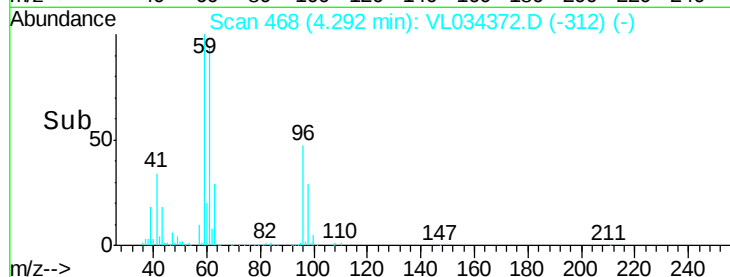
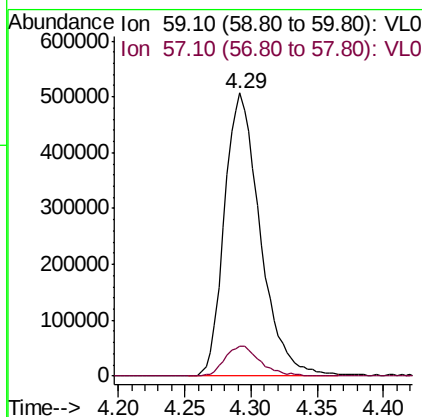
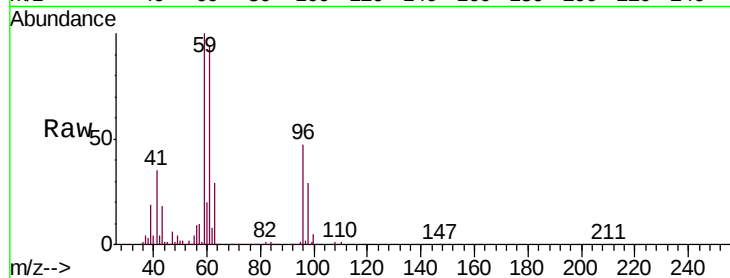




#17
tert-Butyl alcohol
Concen: 11.041 ppbv
RT: 4.29 min Scan# 468
Delta R.T. 0.00 min
Lab File: VL034372.D
Acq: 25 Oct 2019 20:21

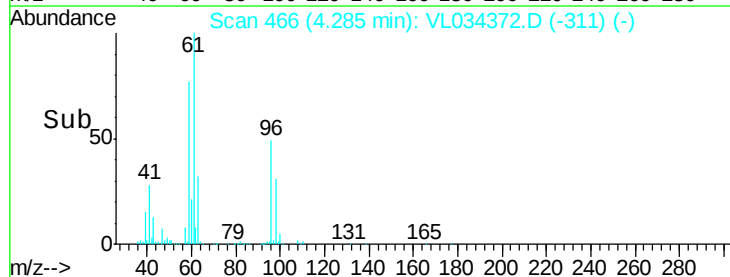
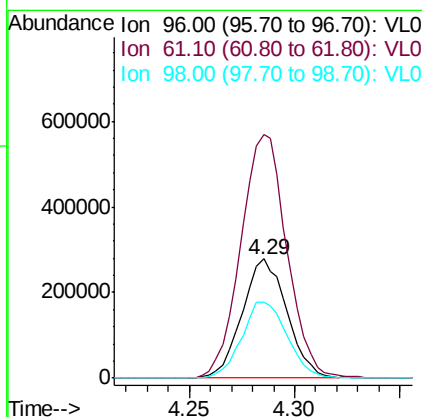
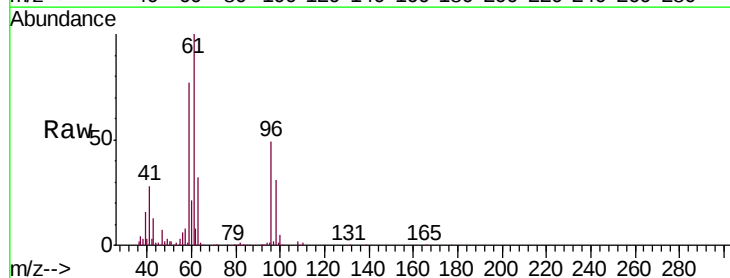
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

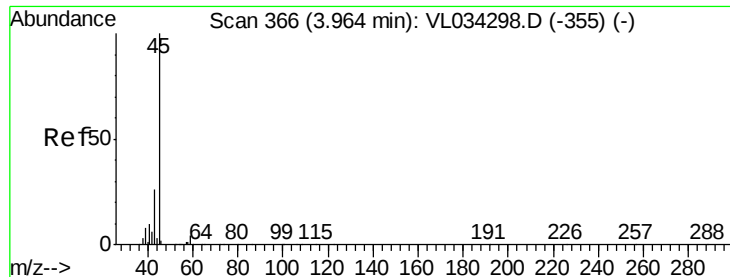
Tgt Ion: 59 Resp: 950556
Ion Ratio Lower Upper
59 100
57 10.9 8.8 13.2



#18
1,1-Dichloroethene
Concen: 9.258 ppbv
RT: 4.29 min Scan# 466
Delta R.T. -0.00 min
Lab File: VL034372.D
Acq: 25 Oct 2019 20:21

Tgt Ion: 96 Resp: 409957
Ion Ratio Lower Upper
96 100
61 204.5 164.5 246.7
98 63.9 51.7 77.5





#19

Isopropyl Alcohol

Concen: 10.631 ppbv

RT: 3.96 min Scan# 366

Delta R.T. 0.00 min

Lab File: VL034372.D

Acq: 25 Oct 2019 20:21

Instrument :

MSVOA_L

ClientSampleId :

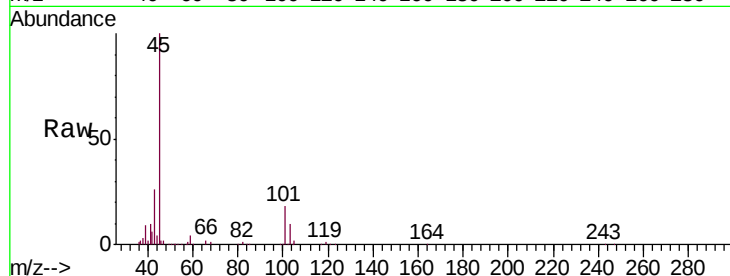
VSTDCCC010EC

Tgt Ion: 45 Resp: 800027

Ion Ratio Lower Upper

45 100

58 1.8 1.4 2.2



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.96

400000

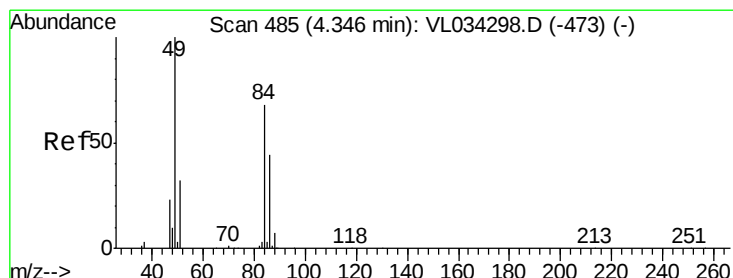
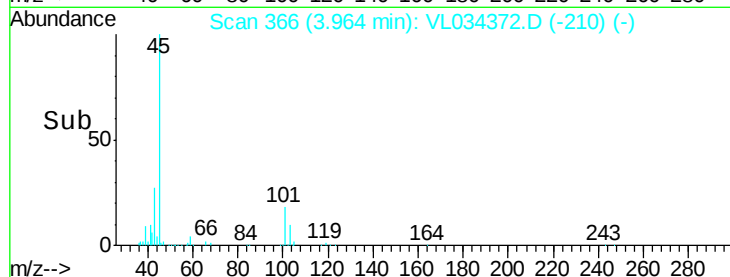
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 7.498 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.00 min

Lab File: VL034372.D

Acq: 25 Oct 2019 20:21

Tgt Ion: 84 Resp: 365636

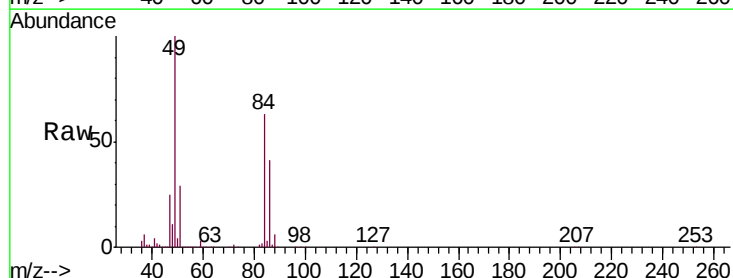
Ion Ratio Lower Upper

84 100

49 156.6 118.5 177.7

51 45.7 38.8 58.2

86 65.0 51.7 77.5



Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

600000

500000

400000

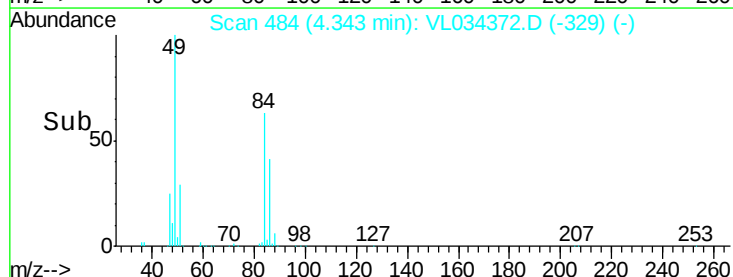
300000

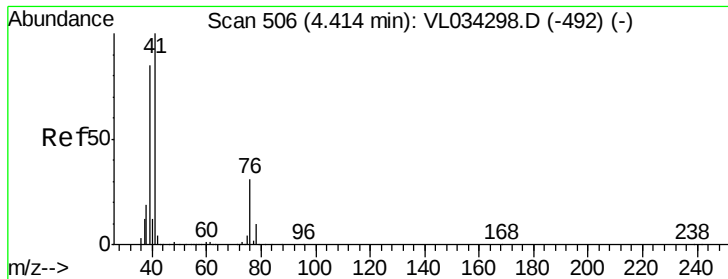
200000

100000

0

Time-->





#21

Allyl Chloride

Concen: 9.569 ppbv

RT: 4.41 min Scan# 505

Delta R.T. -0.00 min

Lab File: VL034372.D

Acq: 25 Oct 2019 20:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

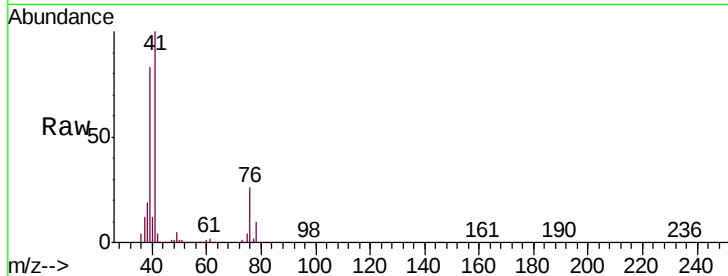
Tgt Ion: 41 Resp: 713631

Ion Ratio Lower Upper

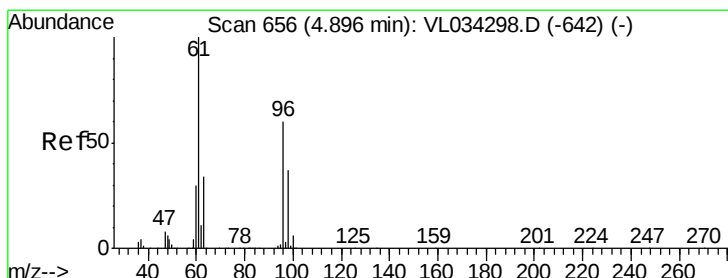
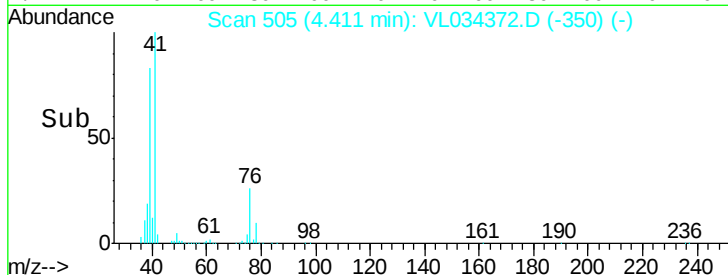
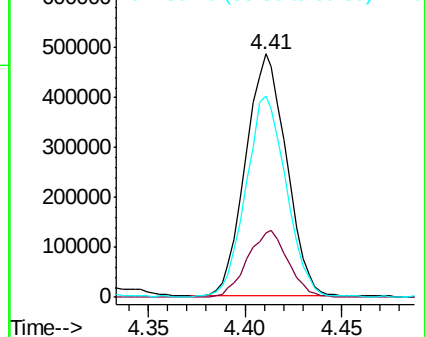
41 100

76 27.8 22.8 34.2

39 82.6 66.0 99.0



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0



#22

trans-1,2-Dichloroethene

Concen: 9.428 ppbv

RT: 4.89 min Scan# 655

Delta R.T. -0.00 min

Lab File: VL034372.D

Acq: 25 Oct 2019 20:21

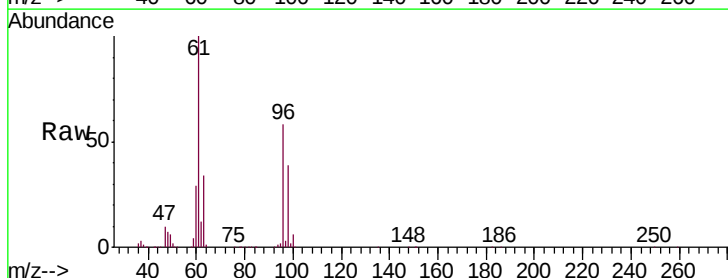
Tgt Ion: 96 Resp: 416404

Ion Ratio Lower Upper

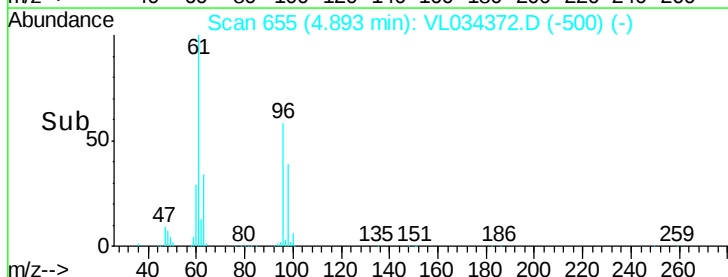
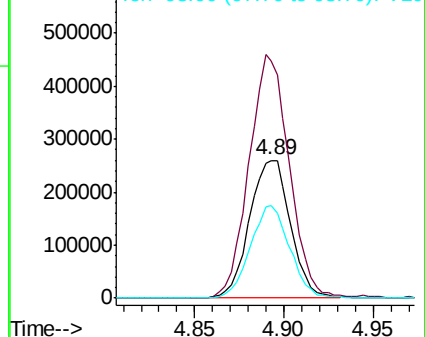
96 100

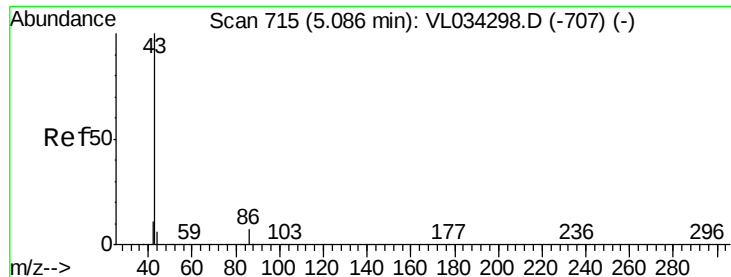
61 172.5 133.8 200.6

98 67.4 49.4 74.0



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





#23

Vinyl Acetate

Concen: 9.427 ppbv

RT: 5.08 min Scan# 714

Delta R.T. -0.00 min

Lab File: VL034372.D

Acq: 25 Oct 2019 20:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 1588038

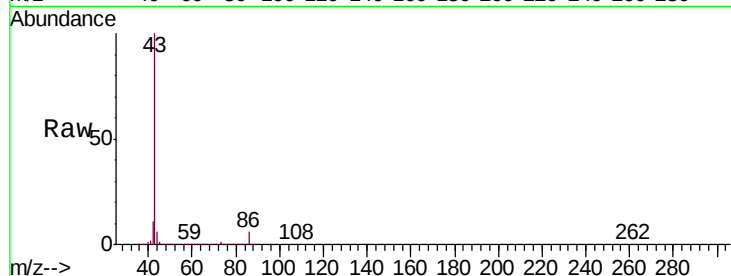
Ion Ratio Lower Upper

43 100

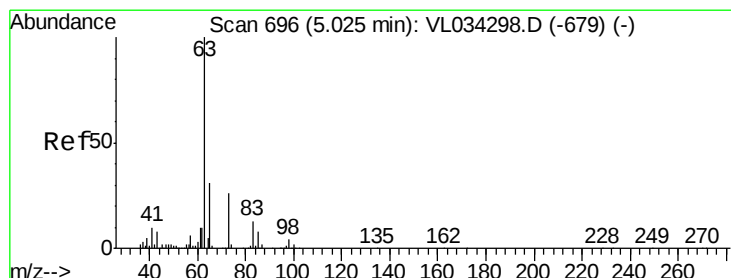
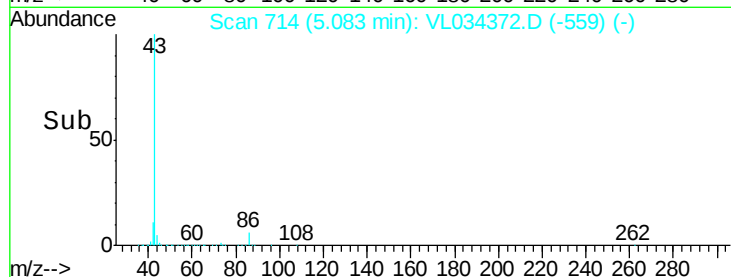
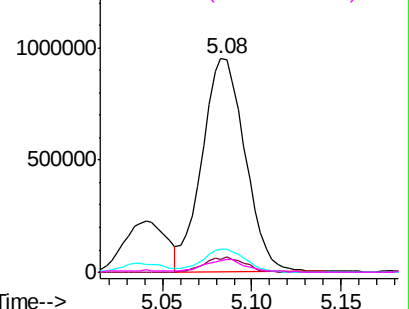
86 5.8 5.0 7.4

42 10.6 8.6 13.0

44 5.4 4.8 7.2



Abundance Ion 43.10 (42.80 to 43.80): VL0
1500000
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: 9.053 ppbv

RT: 5.02 min Scan# 695

Delta R.T. -0.00 min

Lab File: VL034372.D

Acq: 25 Oct 2019 20:21

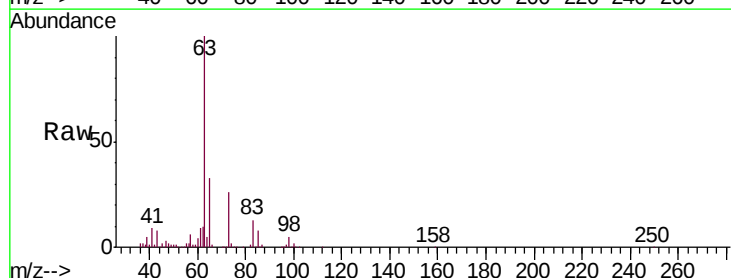
Tgt Ion: 63 Resp: 1131844

Ion Ratio Lower Upper

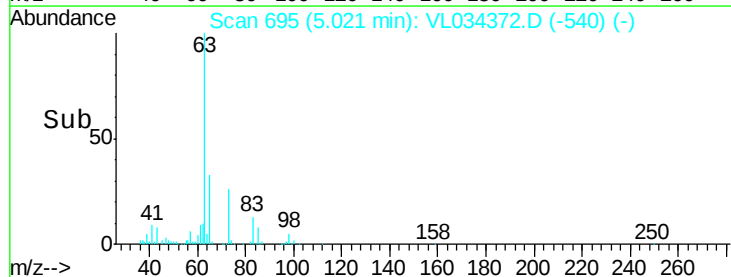
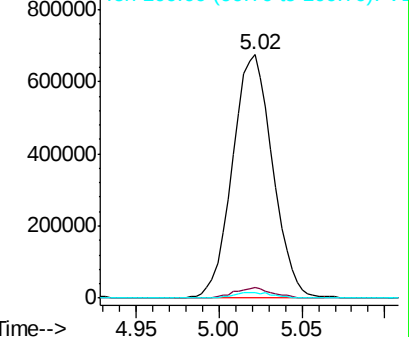
63 100

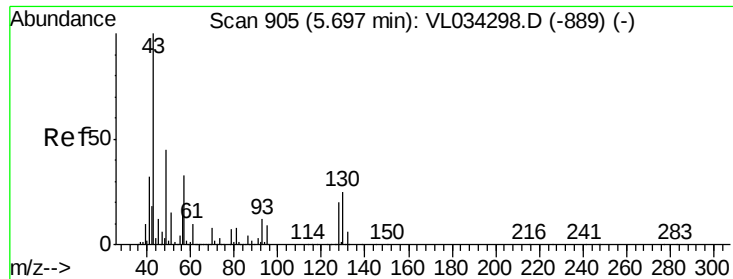
98 4.6 2.0 6.0

100 2.6 1.1 3.5



Abundance Ion 63.10 (62.80 to 63.80): VL0
800000
Ion 98.00 (97.70 to 98.70): VL0
Ion 100.00 (99.70 to 100.70): VL0



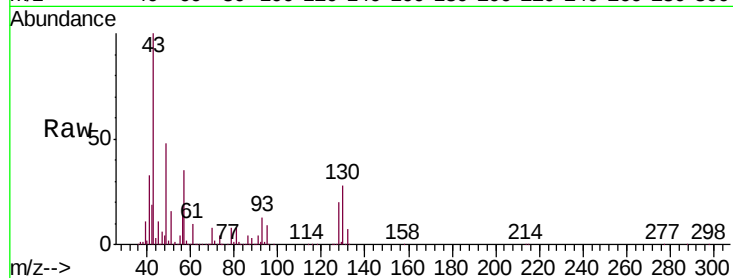


#25
Ethyl Acetate
Concen: 8.622 ppbv
RT: 5.69 min Scan# 904
Delta R.T. -0.00 min
Lab File: VL034372.D
Acq: 25 Oct 2019 20:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1963508

Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.3	12.5
61	9.1	7.7	11.5
70	6.7	5.4	8.2



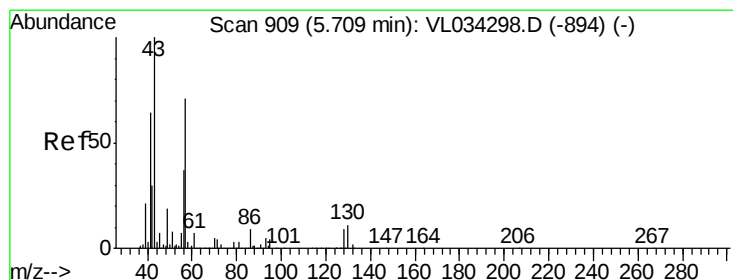
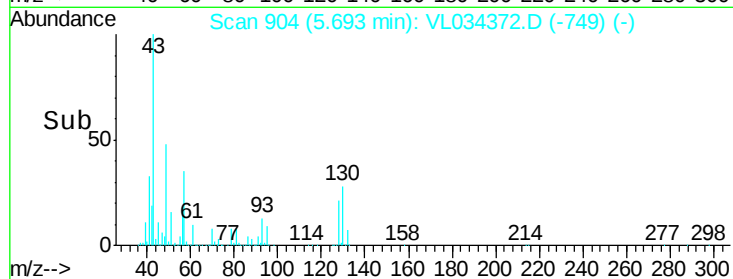
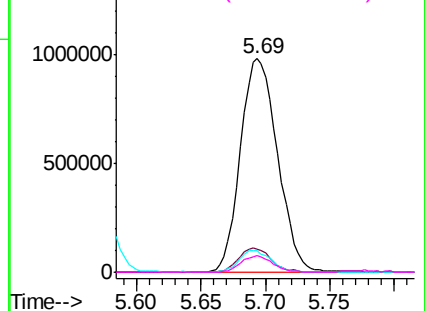
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 8.832 ppbv
RT: 5.70 min Scan# 907
Delta R.T. -0.01 min
Lab File: VL034372.D
Acq: 25 Oct 2019 20:21

Tgt Ion: 57 Resp: 857304

Ion	Ratio	Lower	Upper
57	100		
41	95.9	76.5	114.7
43	230.0	188.5	282.7
56	52.7	42.8	64.2

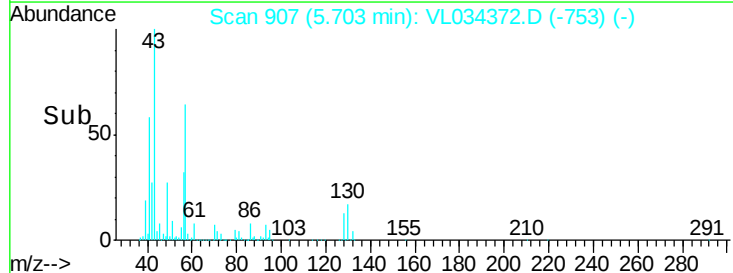
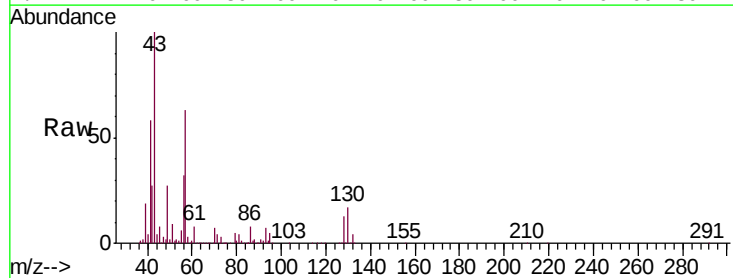
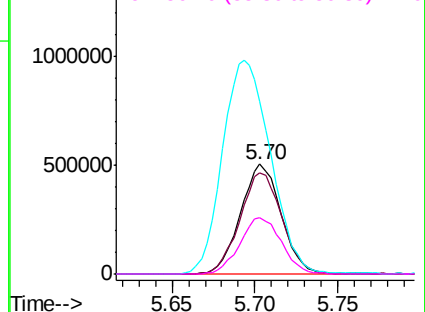
Abundance

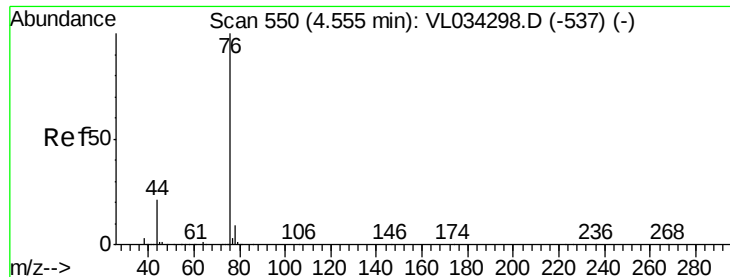
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 10.325 ppbv

RT: 4.55 min Scan# 549

Delta R.T. -0.00 min

Lab File: VL034372.D

Acq: 25 Oct 2019 20:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

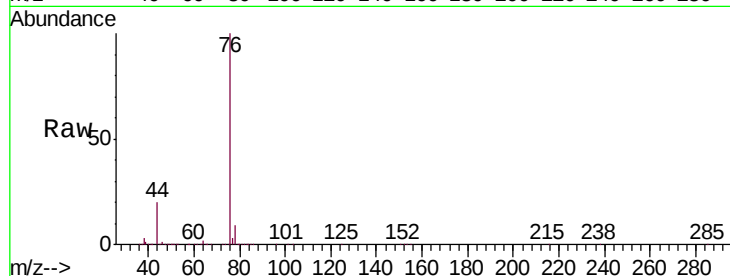
Tgt Ion: 76 Resp: 1040487

Ion Ratio Lower Upper

76 100

44 19.9 17.3 25.9

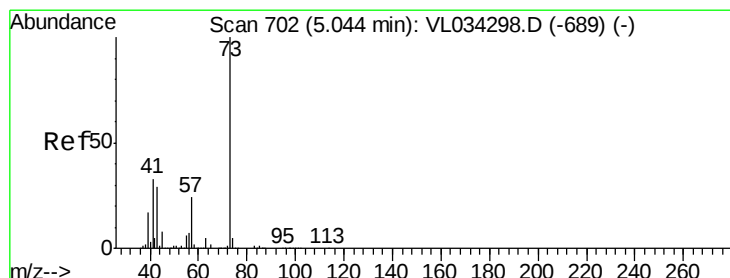
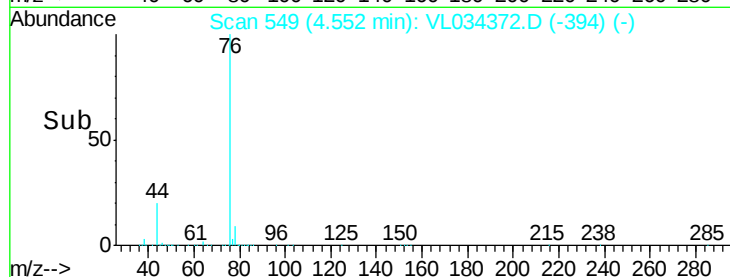
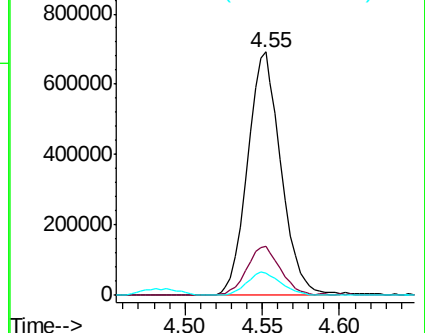
78 9.9 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 9.700 ppbv

RT: 5.04 min Scan# 701

Delta R.T. -0.00 min

Lab File: VL034372.D

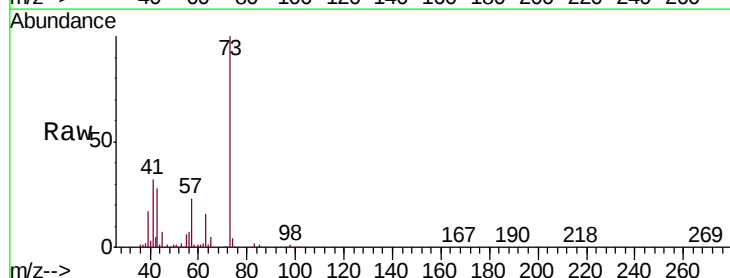
Acq: 25 Oct 2019 20:21

Tgt Ion: 73 Resp: 1425034

Ion Ratio Lower Upper

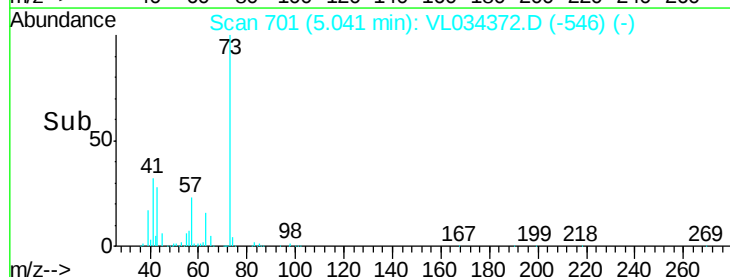
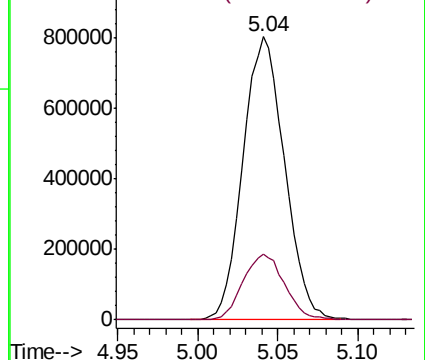
73 100

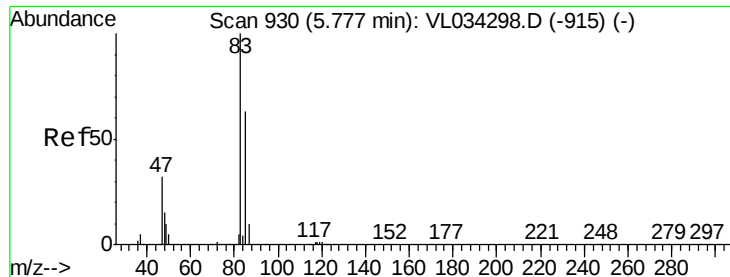
57 23.3 19.2 28.8



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 9.143 ppbv

RT: 5.77 min Scan# 929

Delta R.T. -0.00 min

Lab File: VL034372.D

Acq: 25 Oct 2019 20:21

Instrument :

MSVOA_L

ClientSampleId :

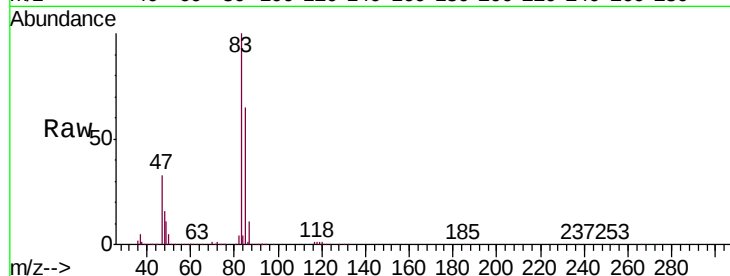
VSTDCCC010EC

Tgt Ion: 83 Resp: 1403892

Ion Ratio Lower Upper

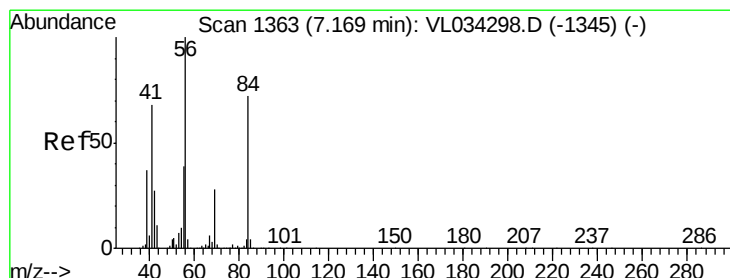
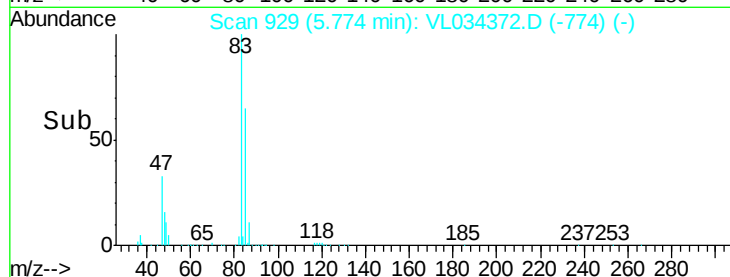
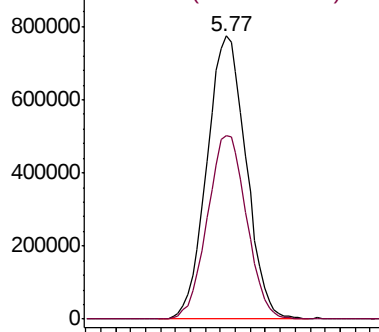
83 100

85 64.6 50.5 75.7



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#30

Cyclohexane

Concen: 9.553 ppbv

RT: 7.17 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VL034372.D

Acq: 25 Oct 2019 20:21

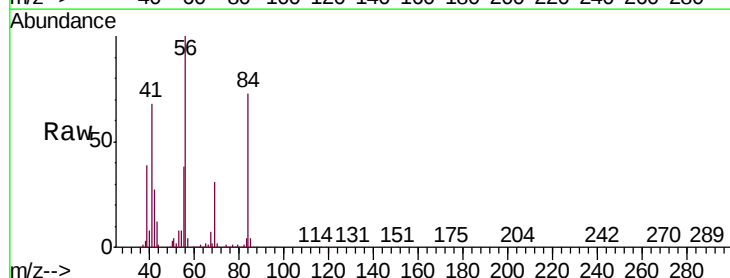
Tgt Ion: 84 Resp: 681973

Ion Ratio Lower Upper

84 100

56 146.8 119.4 179.0

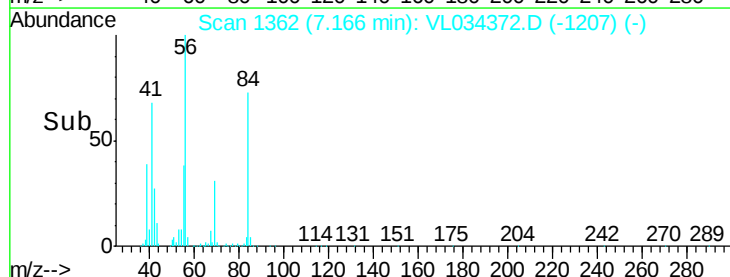
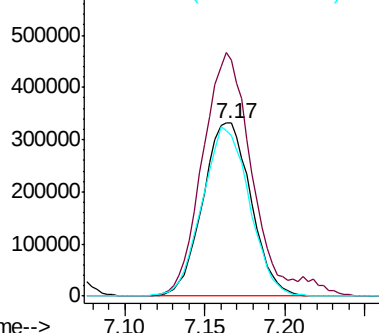
41 96.0 78.7 118.1

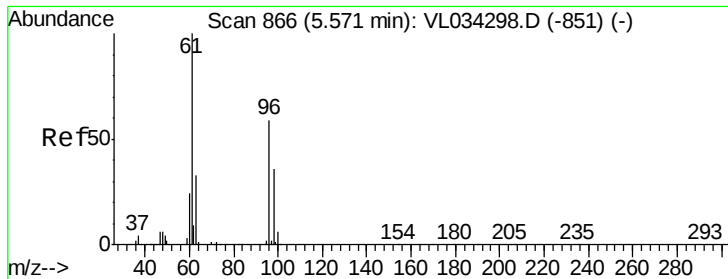


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0



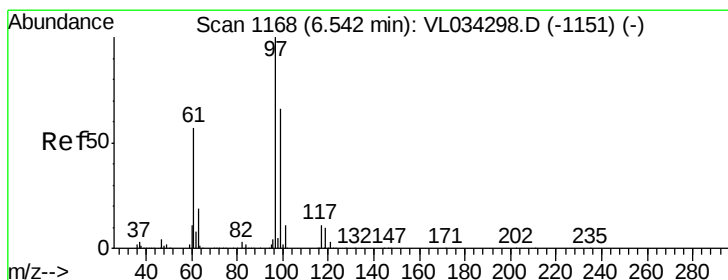
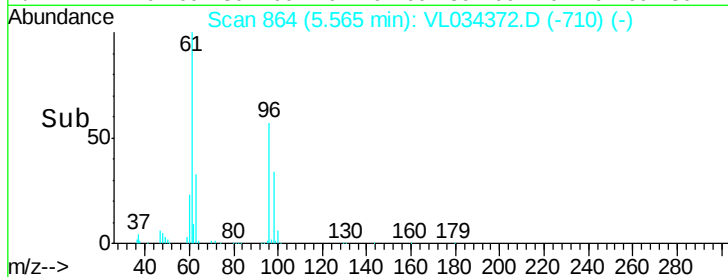
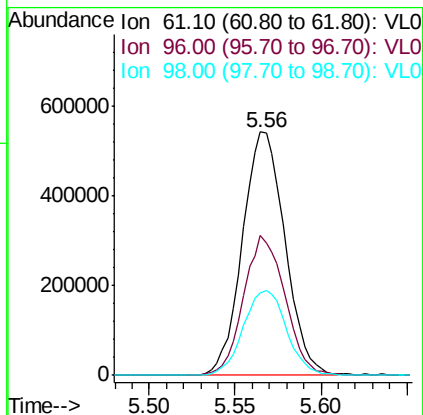
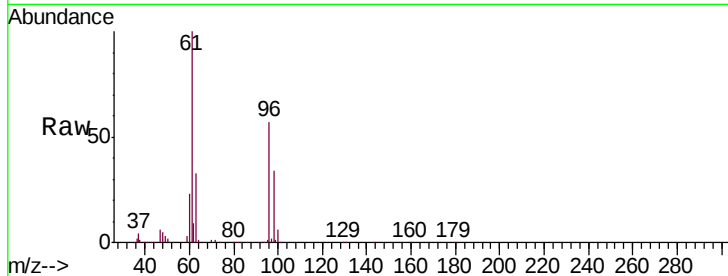


#31

cis-1,2-Dichloroethene
 Concen: 9.439 ppbv
 RT: 5.56 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VL034372.D
 Acq: 25 Oct 2019 20:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

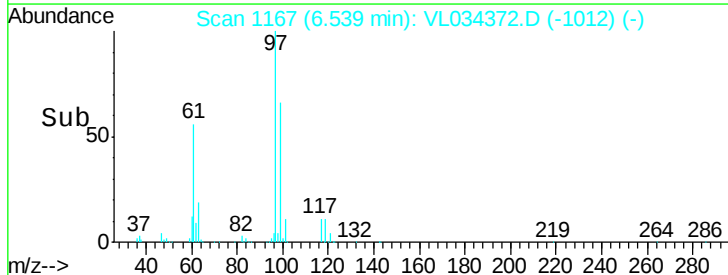
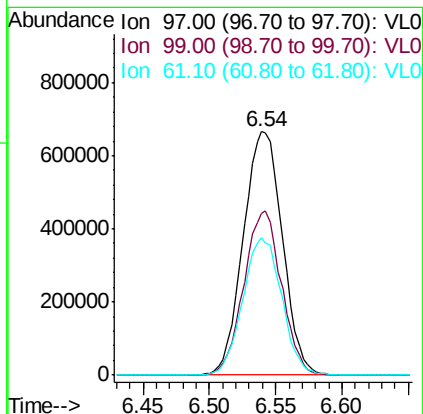
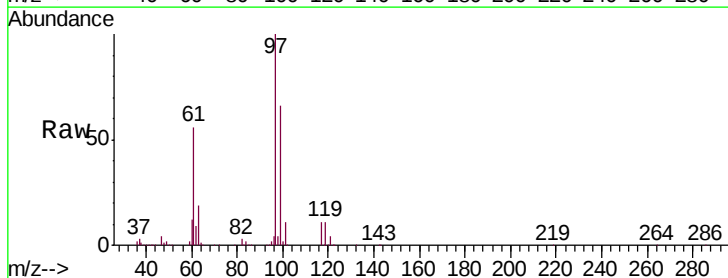
Tgt Ion	Ratio	Lower	Upper
61	100		
96	57.3	47.5	71.3
98	34.0	28.8	43.2

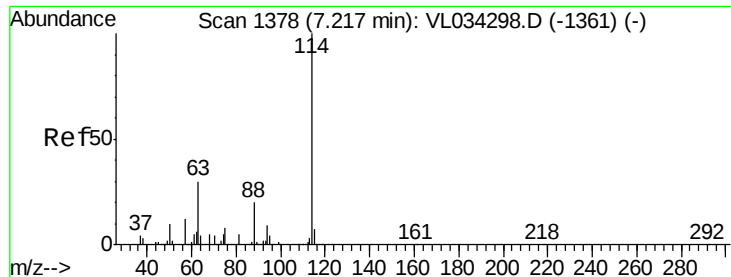


#32

1,1,1-Trichloroethane
 Concen: 9.174 ppbv
 RT: 6.54 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: VL034372.D
 Acq: 25 Oct 2019 20:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.6	78.8
61	56.0	44.5	66.7

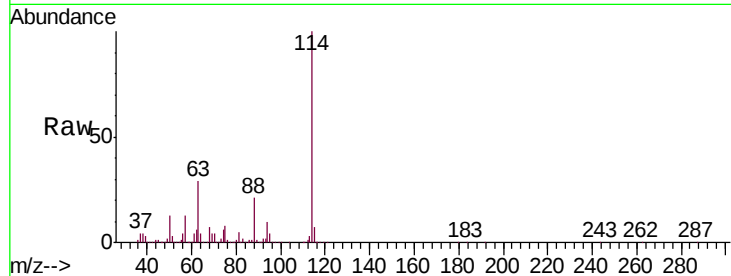




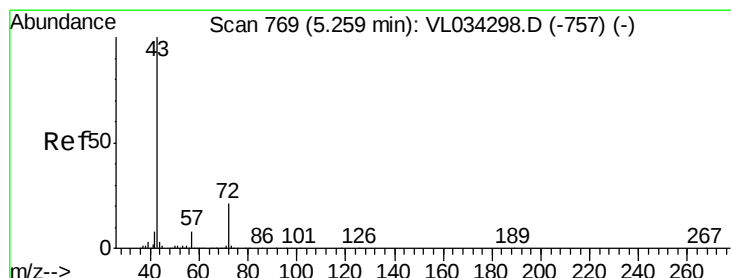
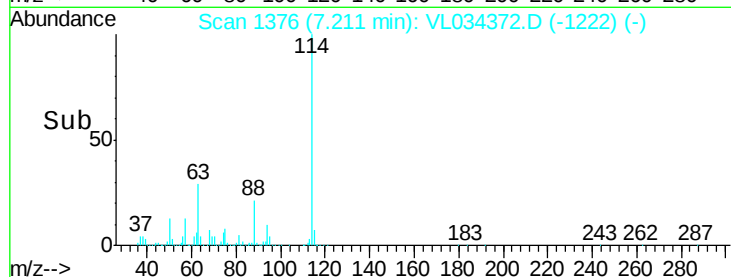
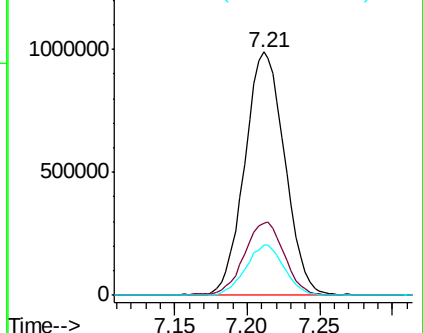
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.21 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: VL034372.D
 Acq: 25 Oct 2019 20:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:114 Resp: 1904746
 Ion Ratio Lower Upper
 114 100
 63 30.5 25.2 37.8
 88 19.9 16.0 24.0

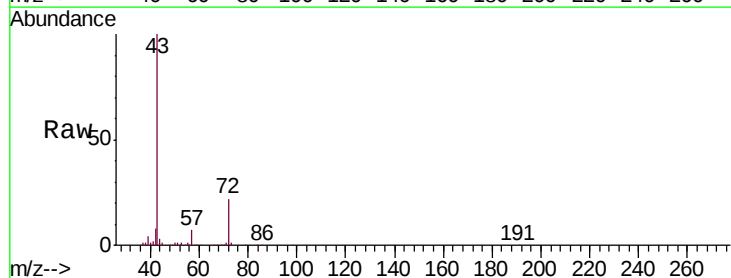


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

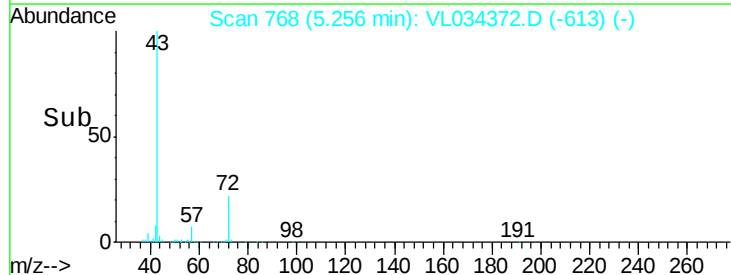
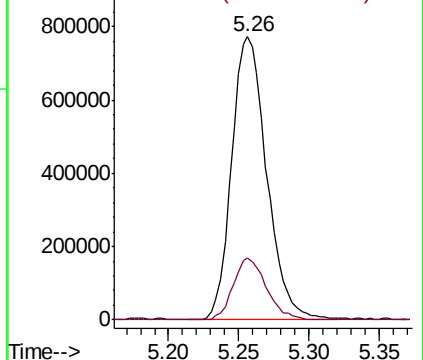


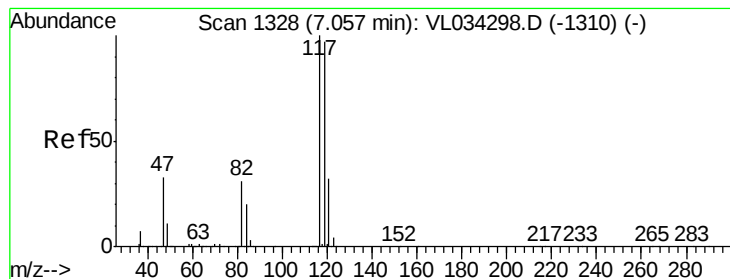
#34
 2-Butanone
 Concen: 8.586 ppbv
 RT: 5.26 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VL034372.D
 Acq: 25 Oct 2019 20:21

Tgt Ion: 43 Resp: 1336729
 Ion Ratio Lower Upper
 43 100
 72 21.0 16.3 24.5



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 8.550 ppbv

RT: 7.05 min Scan# 1327

Delta R.T. -0.00 min

Lab File: VL034372.D

Acq: 25 Oct 2019 20:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

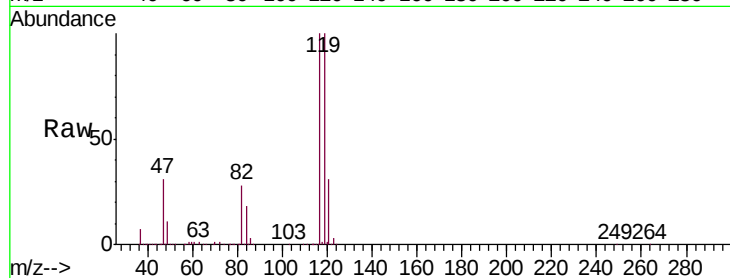
Tgt Ion:117 Resp: 1418524

Ion Ratio Lower Upper

117 100

119 100.0 77.3 115.9

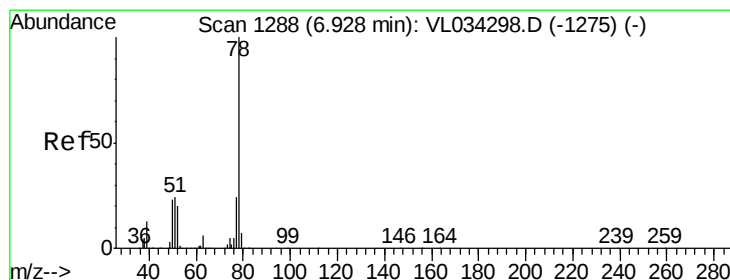
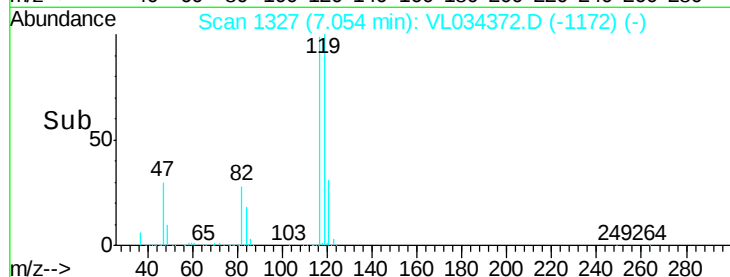
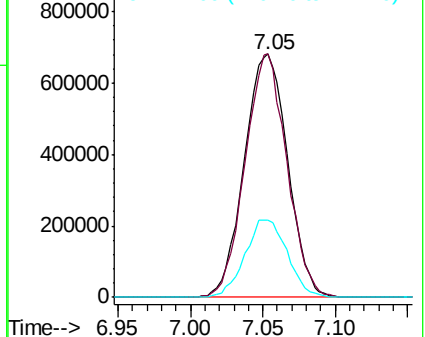
121 31.5 25.5 38.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 8.969 ppbv

RT: 6.92 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VL034372.D

Acq: 25 Oct 2019 20:21

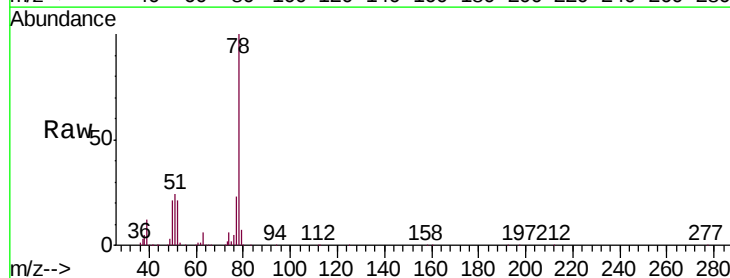
Tgt Ion: 78 Resp: 1639037

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.4

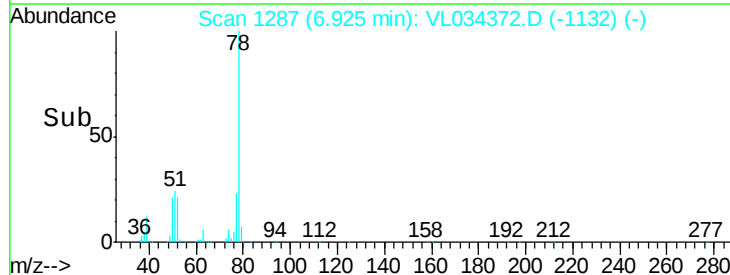
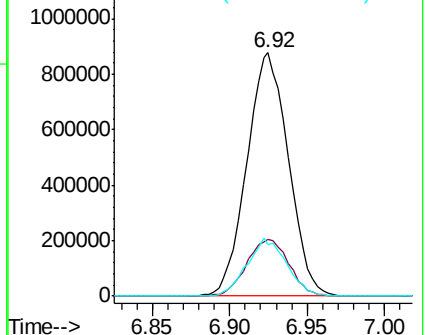
50 21.1 18.6 27.8

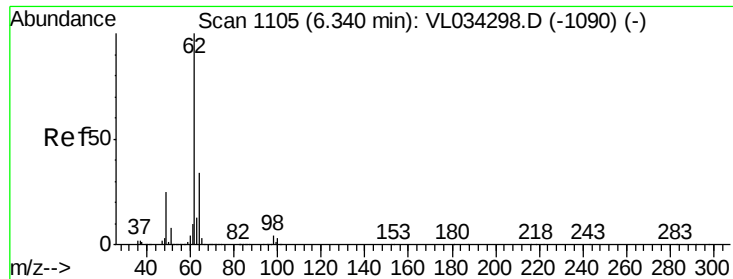


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

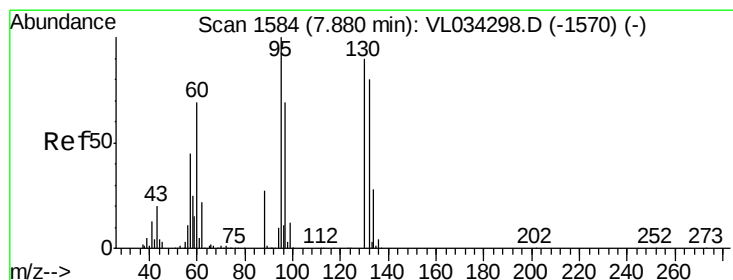
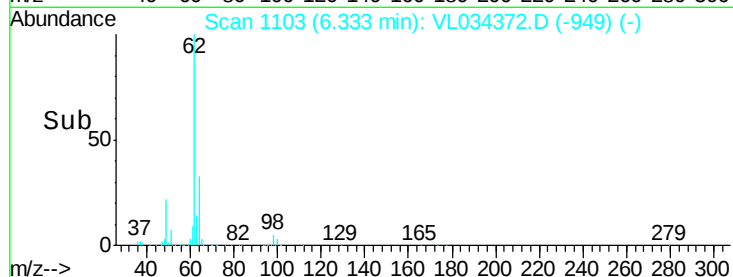
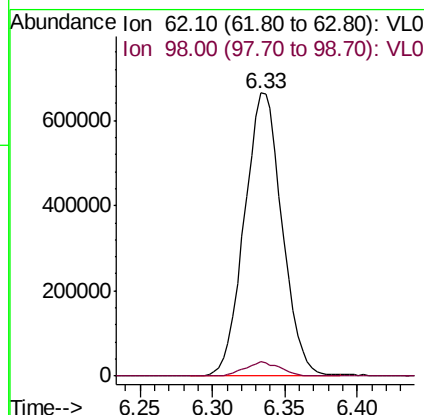
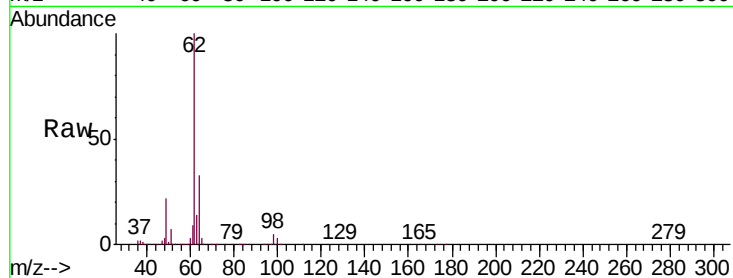




#37
 1,2-Dichloroethane
 Concen: 8.820 ppbv
 RT: 6.33 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: VL034372.D
 Acq: 25 Oct 2019 20:21

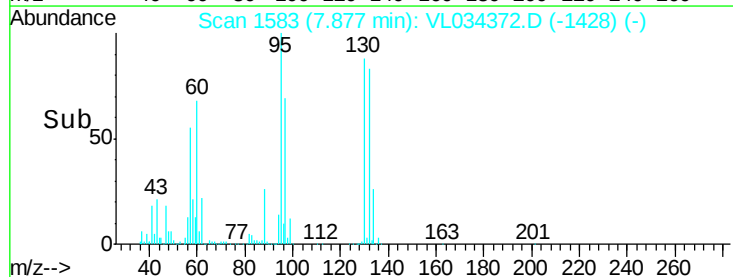
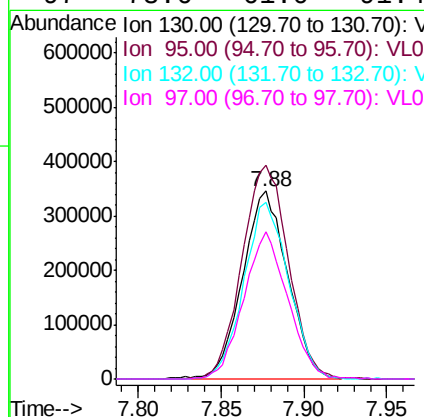
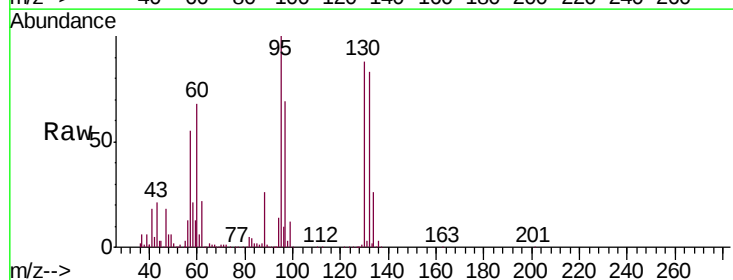
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

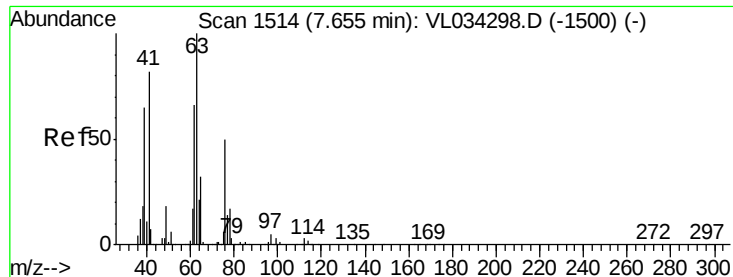
Tgt Ion: 62 Resp: 1201317
 Ion Ratio Lower Upper
 62 100
 98 4.9 3.8 5.6



#38
 Trichloroethene
 Concen: 8.805 ppbv
 RT: 7.88 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VL034372.D
 Acq: 25 Oct 2019 20:21

Tgt Ion: 130 Resp: 645720
 Ion Ratio Lower Upper
 130 100
 95 113.9 88.6 132.8
 132 94.7 71.2 106.8
 97 78.6 61.0 91.4

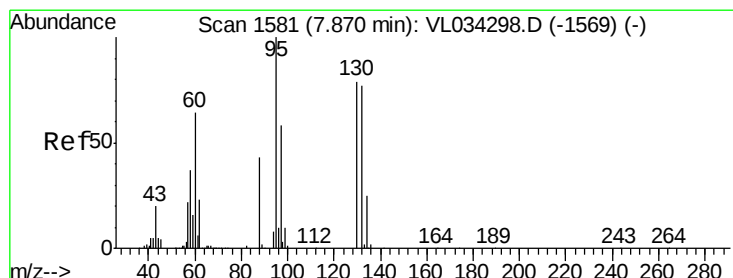
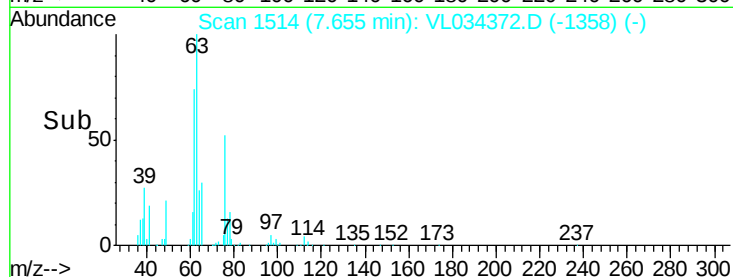
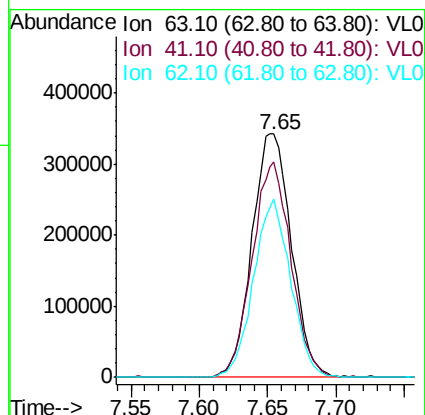
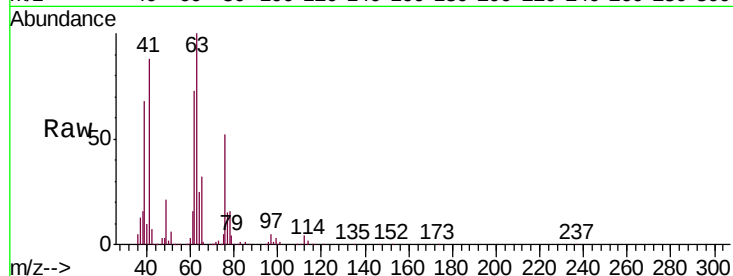




#39
 1,2-Dichloropropane
 Concen: 8.717 ppbv
 RT: 7.65 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VL034372.D
 Acq: 25 Oct 2019 20:21

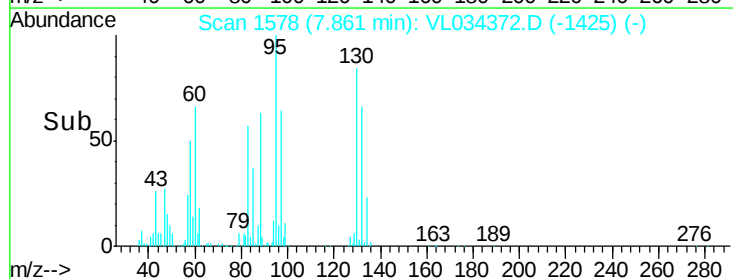
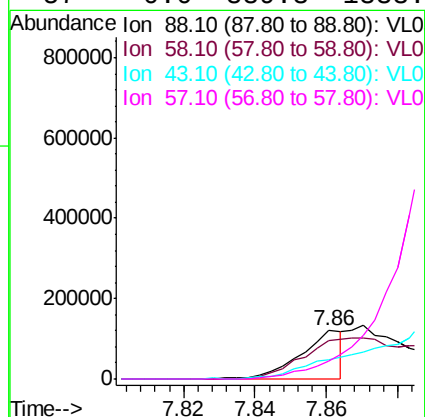
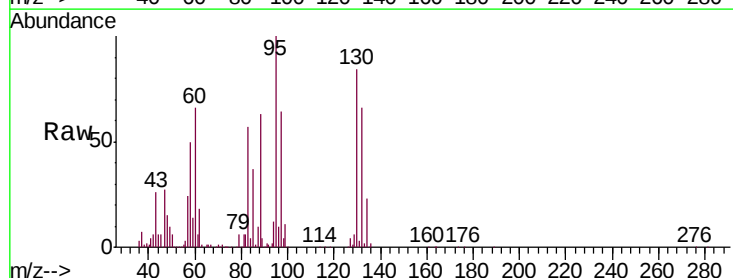
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

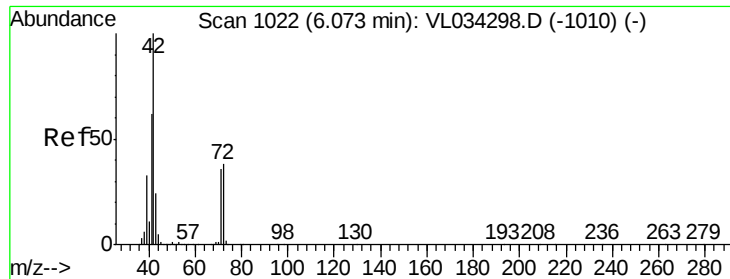
Tgt Ion: 63 Resp: 685991
 Ion Ratio Lower Upper
 63 100
 41 88.5 65.6 98.4
 62 73.0 53.0 79.6



#40
 1,4-Dioxane
 Concen: 3.604 ppbv
 RT: 7.86 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: VL034372.D
 Acq: 25 Oct 2019 20:21

Tgt Ion: 88 Resp: 99676
 Ion Ratio Lower Upper
 88 100
 58 0.0 110.3 165.5#
 43 0.0 228.1 342.1#
 57 0.0 889.3 1333.9#





#41

Tetrahydrofuran

Concen: 8.835 ppbv

RT: 6.07 min Scan# 1021

Delta R.T. -0.00 min

Lab File: VL034372.D

Acq: 25 Oct 2019 20:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

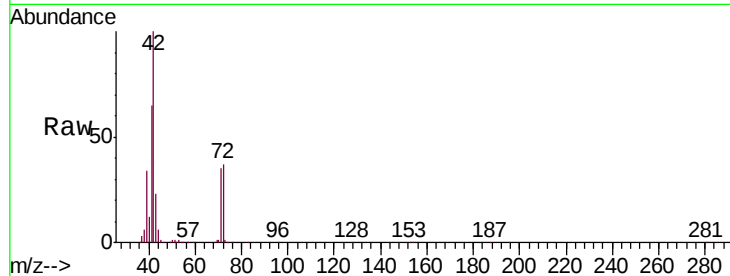
Tgt Ion: 42 Resp: 763376

Ion Ratio Lower Upper

42 100

72 36.5 28.0 42.0

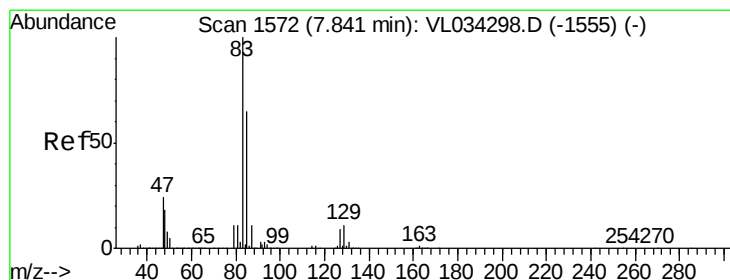
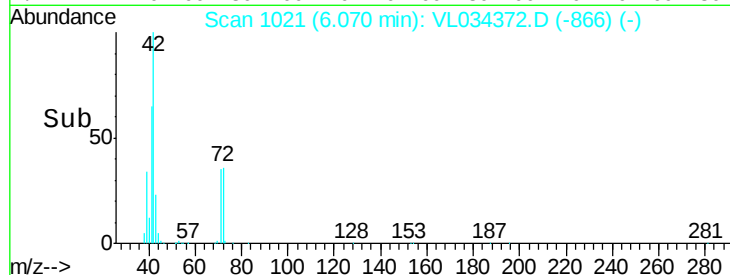
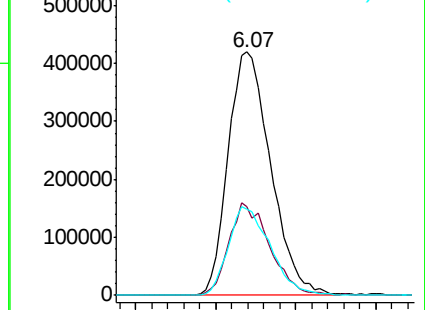
71 35.8 27.3 40.9



Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 9.318 ppbv

RT: 7.83 min Scan# 1569

Delta R.T. -0.01 min

Lab File: VL034372.D

Acq: 25 Oct 2019 20:21

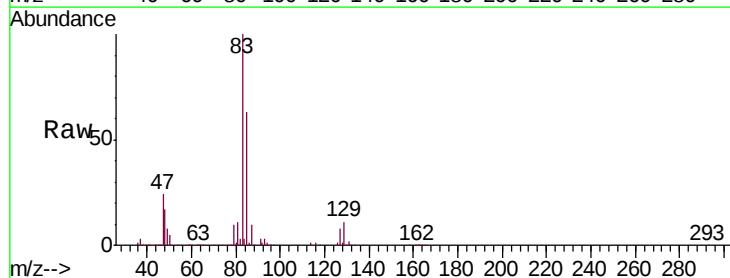
Tgt Ion: 83 Resp: 1554398

Ion Ratio Lower Upper

83 100

85 62.9 51.8 77.6

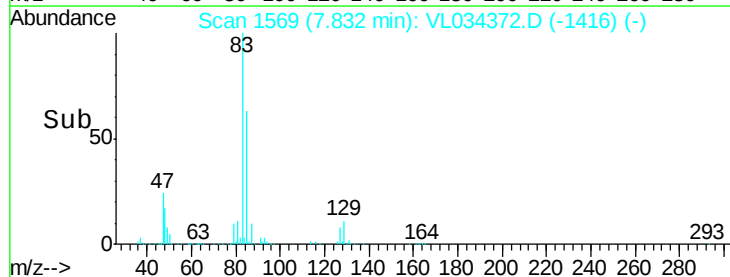
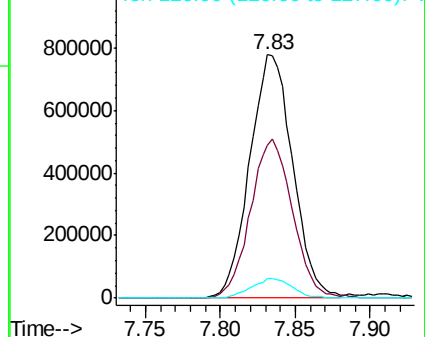
127 7.9 7.0 10.6

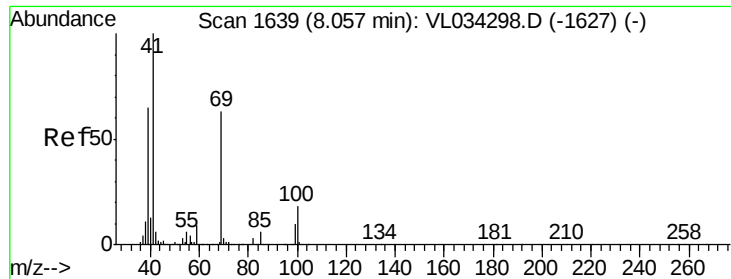


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V

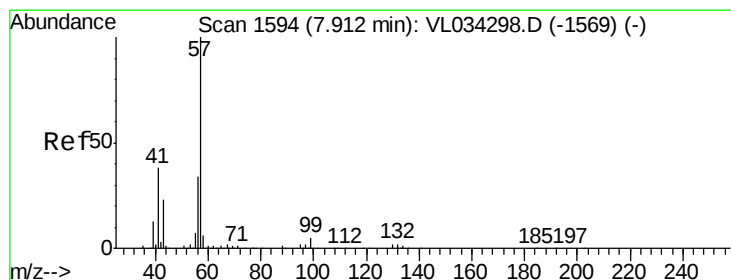
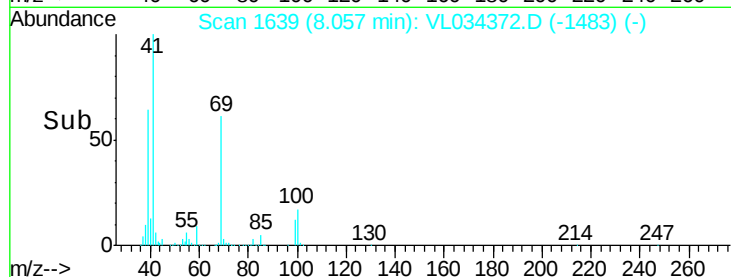
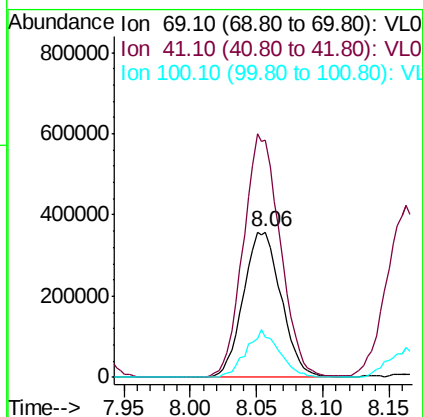
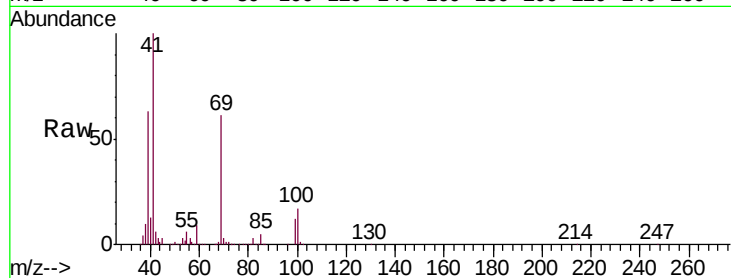




#43
Methyl Methacrylate
Concen: 9.394 ppbv
RT: 8.06 min Scan# 1639
Delta R.T. 0.00 min
Lab File: VL034372.D
Acq: 25 Oct 2019 20:21

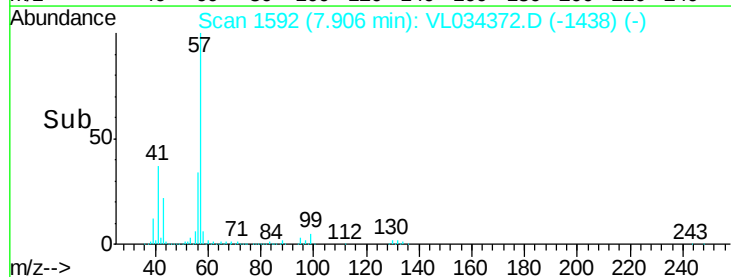
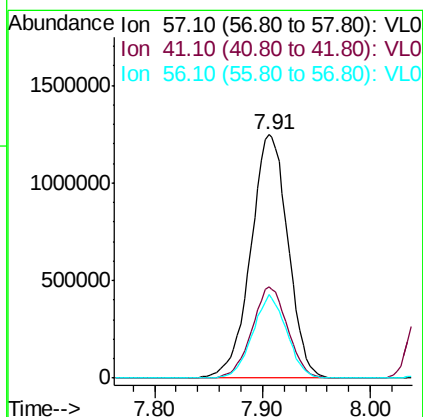
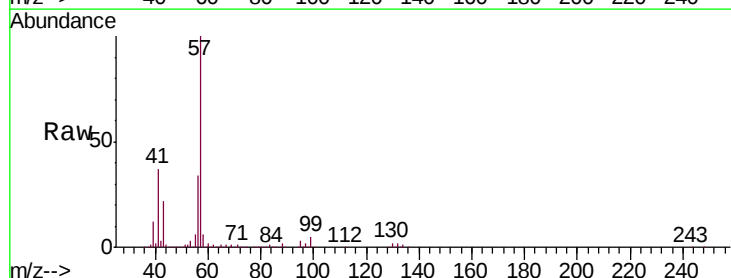
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

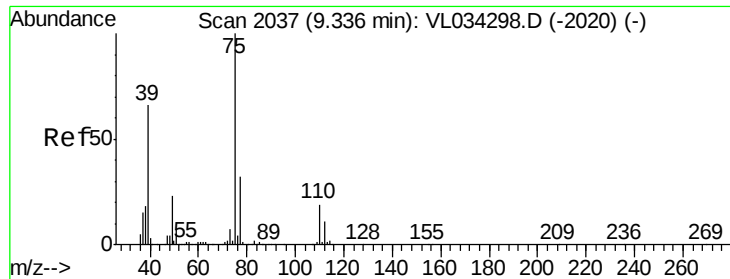
Tgt Ion: 69 Resp: 710018
Ion Ratio Lower Upper
69 100
41 163.2 132.1 198.1
100 29.0 23.2 34.8



#44
2,2,4-Trimethylpentane
Concen: 8.799 ppbv
RT: 7.91 min Scan# 1592
Delta R.T. -0.01 min
Lab File: VL034372.D
Acq: 25 Oct 2019 20:21

Tgt Ion: 57 Resp: 2976326
Ion Ratio Lower Upper
57 100
41 35.9 29.3 43.9
56 31.2 25.3 37.9

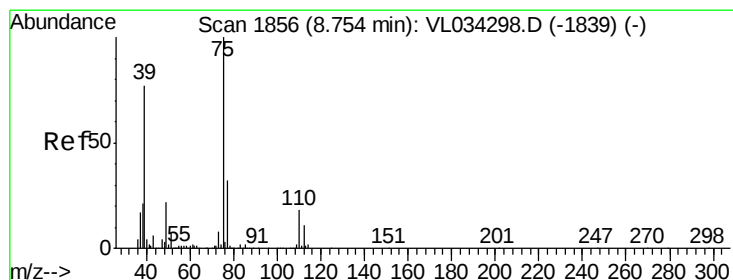
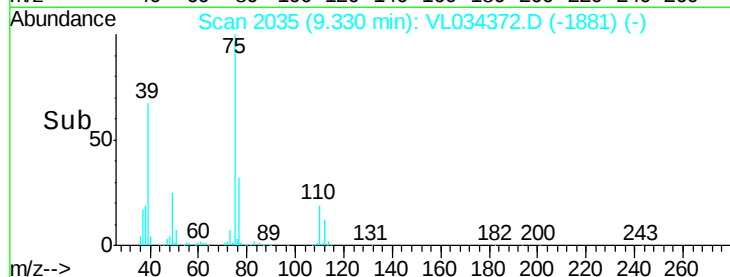
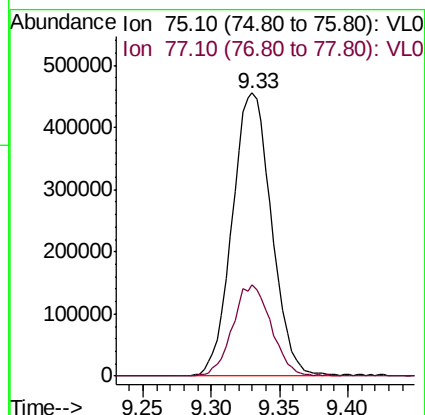
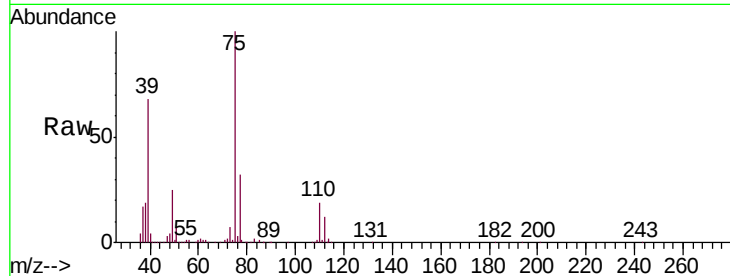




#45
 t-1,3-Dichloropropene
 Concen: 9.907 ppbv
 RT: 9.33 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VL034372.D
 Acq: 25 Oct 2019 20:21

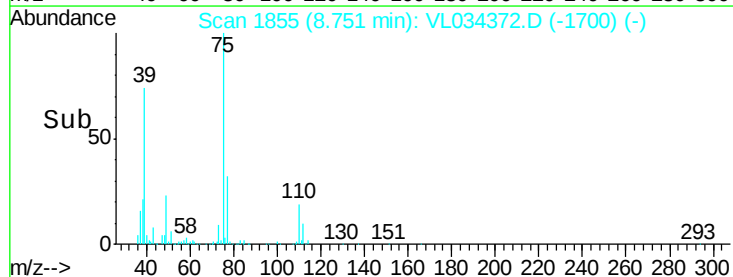
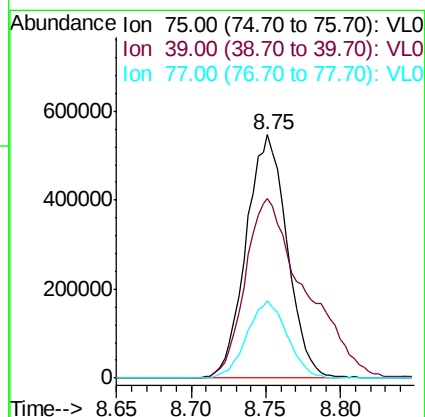
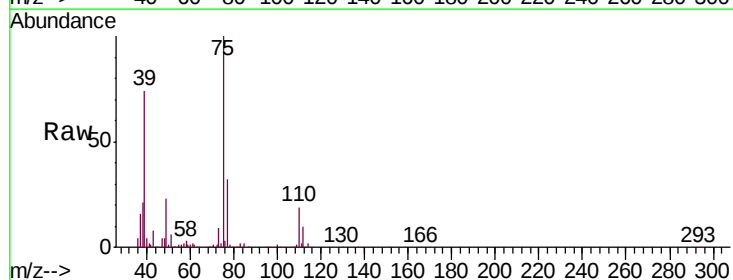
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

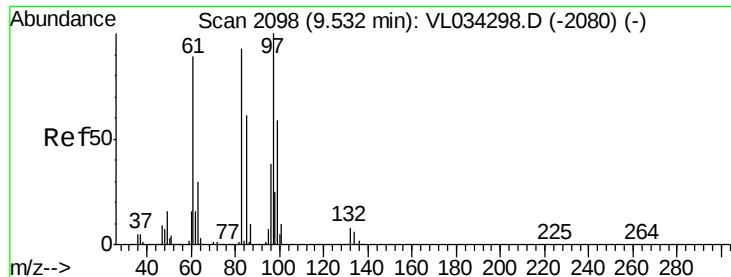
Tgt Ion: 75 Resp: 912338
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.6 38.4



#46
 cis-1,3-Dichloropropene
 Concen: 9.846 ppbv
 RT: 8.75 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VL034372.D
 Acq: 25 Oct 2019 20:21

Tgt Ion: 75 Resp: 1041735
 Ion Ratio Lower Upper
 75 100
 39 73.8 61.2 91.8
 77 31.6 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 8.819 ppbv

RT: 9.53 min Scan# 2097

Delta R.T. -0.00 min

Lab File: VL034372.D

Acq: 25 Oct 2019 20:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 702940

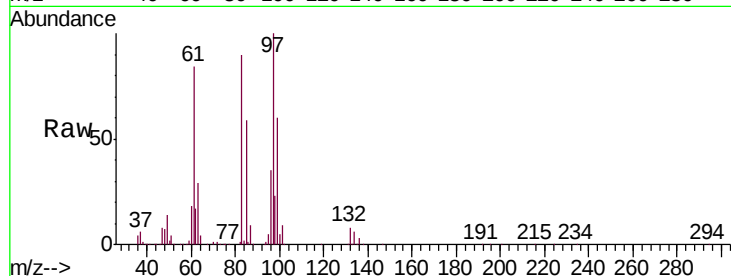
Ion Ratio Lower Upper

97 100

83 89.6 74.2 111.2

85 59.3 48.6 73.0

99 59.6 47.0 70.6

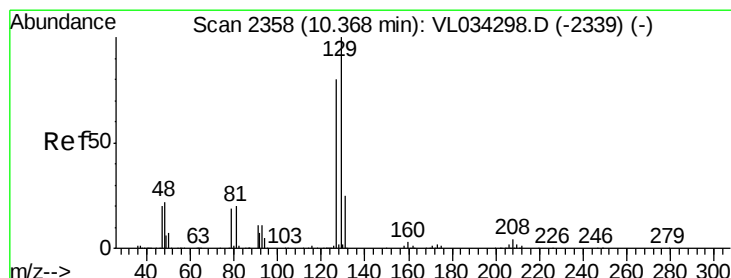
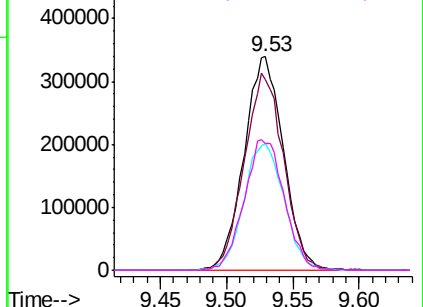
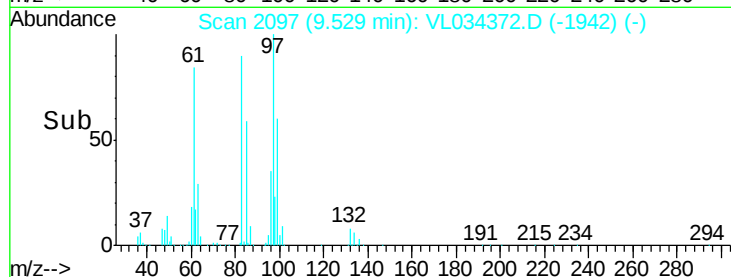


Abundance Ion 97.00 (96.70 to 97.70): VL0

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: 9.812 ppbv

RT: 10.37 min Scan# 2357

Delta R.T. -0.00 min

Lab File: VL034372.D

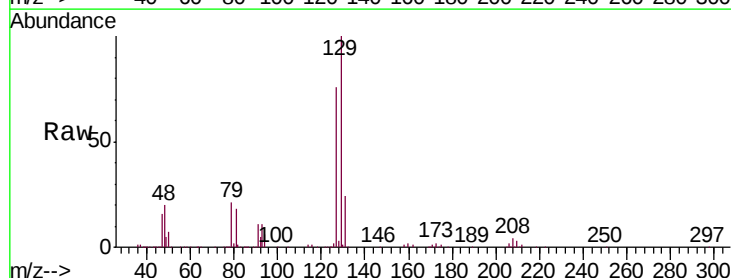
Acq: 25 Oct 2019 20:21

Tgt Ion: 129 Resp: 1283029

Ion Ratio Lower Upper

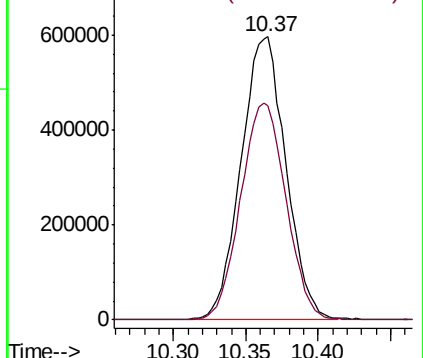
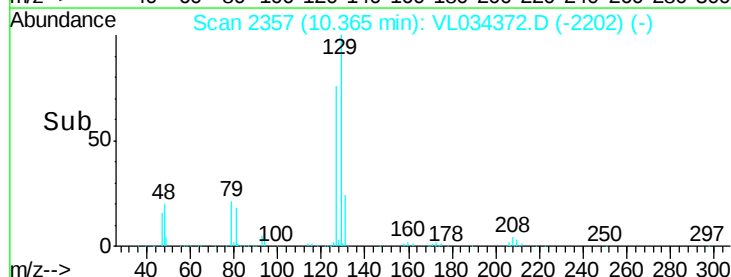
129 100

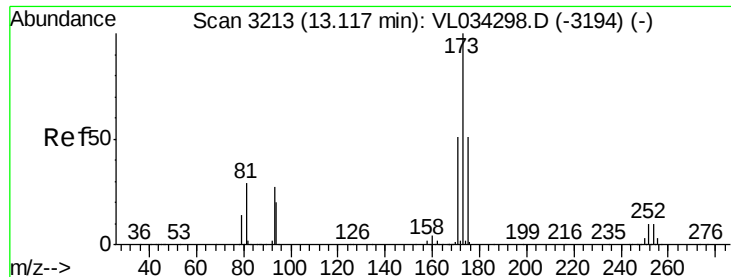
127 77.6 39.7 119.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 9.767 ppbv

RT: 13.11 min Scan# 3211

Delta R.T. -0.01 min

Lab File: VL034372.D

Acq: 25 Oct 2019 20:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

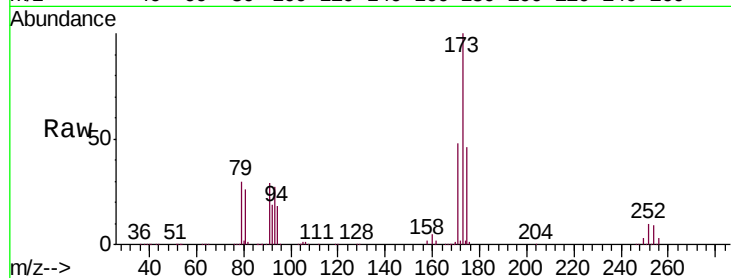
Tgt Ion:173 Resp: 1131686

Ion Ratio Lower Upper

173 100

175 49.4 39.8 59.6

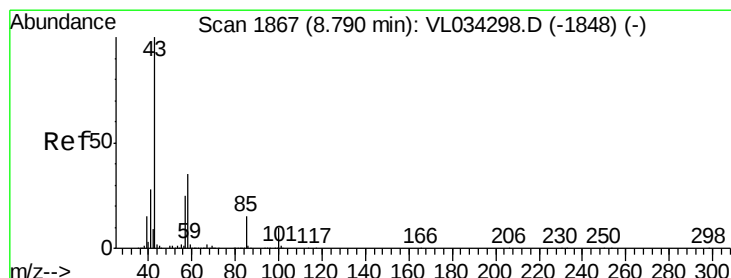
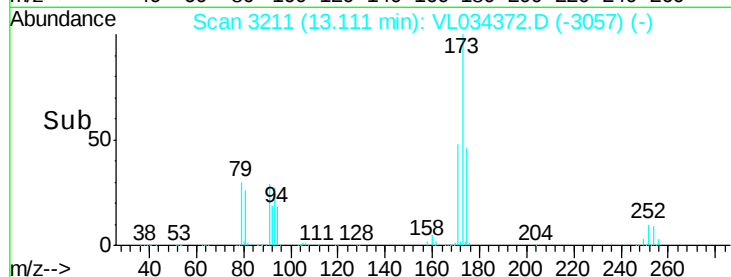
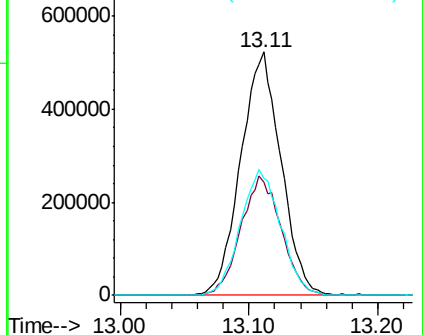
171 52.2 41.8 62.6



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: 9.038 ppbv

RT: 8.78 min Scan# 1865

Delta R.T. -0.01 min

Lab File: VL034372.D

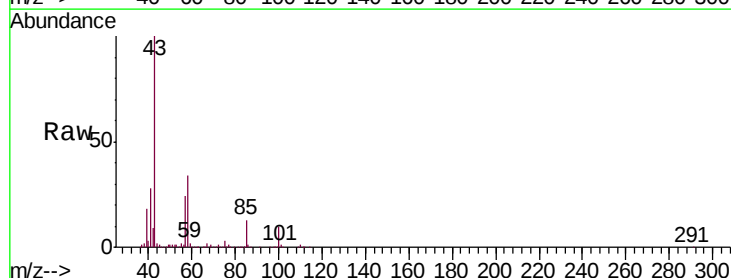
Acq: 25 Oct 2019 20:21

Tgt Ion: 43 Resp: 2014538

Ion Ratio Lower Upper

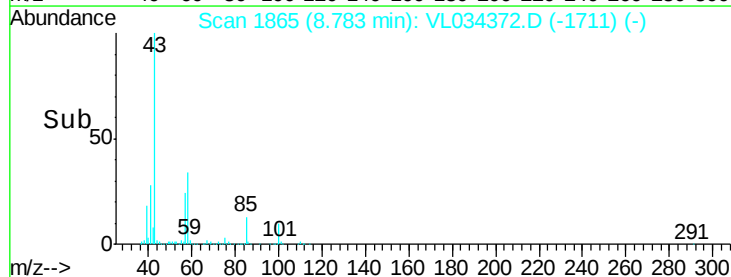
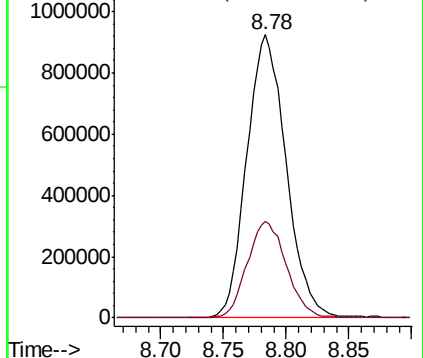
43 100

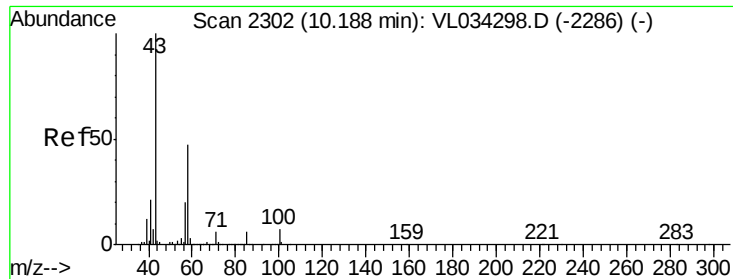
58 34.2 27.6 41.4



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

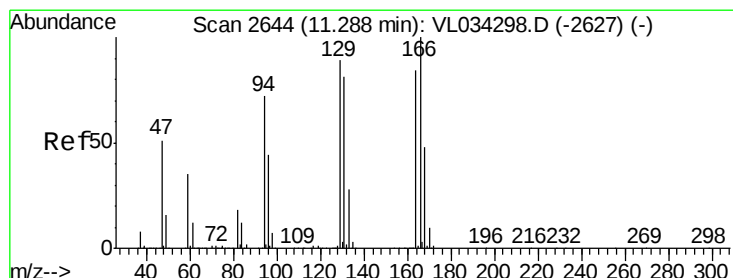
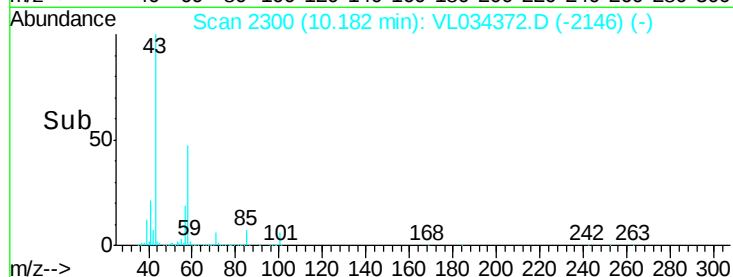
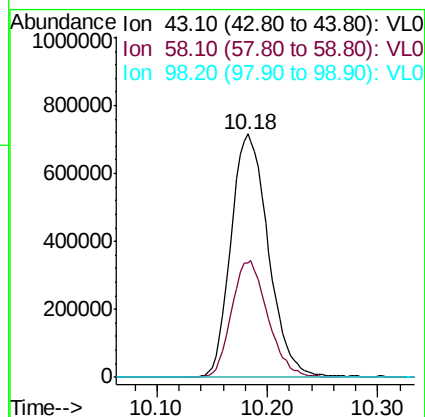
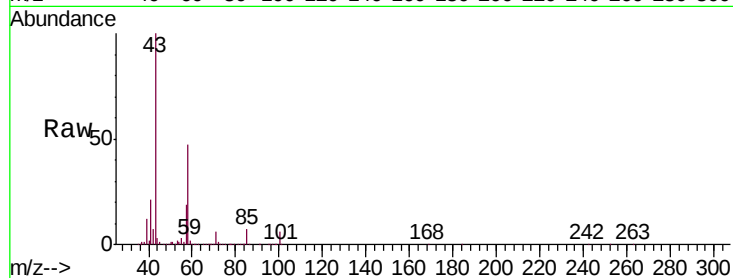




#51
2-Hexanone
Concen: 9.200 ppbv
RT: 10.18 min Scan# 2300
Delta R.T. -0.01 min
Lab File: VL034372.D
Acq: 25 Oct 2019 20:21

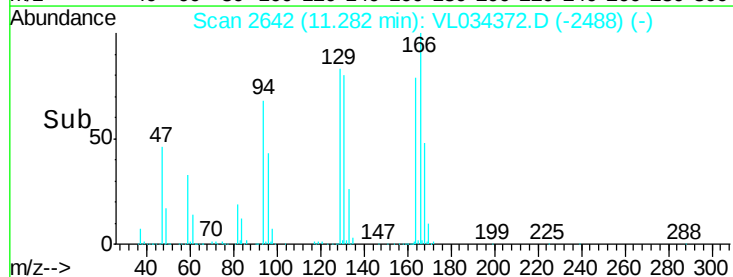
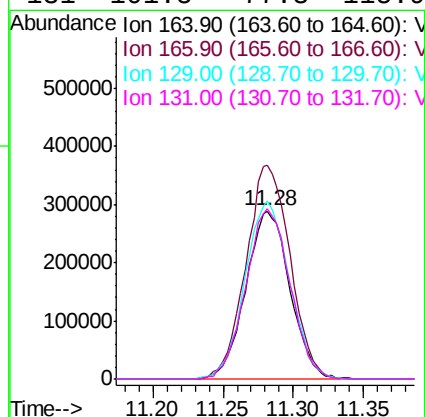
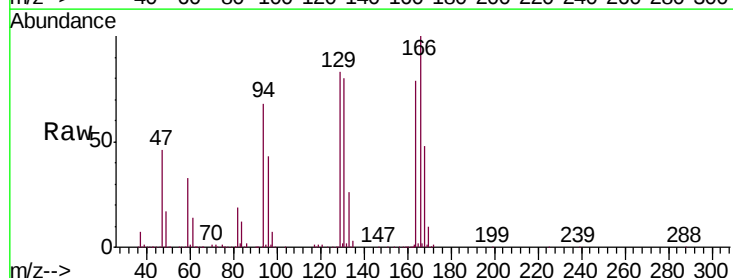
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

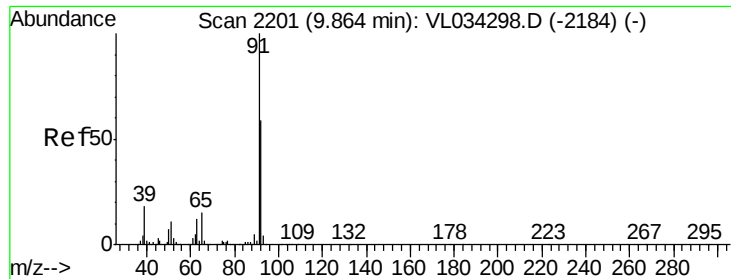
Tgt Ion: 43 Resp: 1680863
Ion Ratio Lower Upper
43 100
58 46.6 37.0 55.6
98 0.2 0.2 0.2



#52
Tetrachloroethene
Concen: 8.786 ppbv
RT: 11.28 min Scan# 2642
Delta R.T. -0.01 min
Lab File: VL034372.D
Acq: 25 Oct 2019 20:21

Tgt Ion: 164 Resp: 629379
Ion Ratio Lower Upper
164 100
166 126.9 95.3 142.9
129 105.6 84.5 126.7
131 101.5 77.3 115.9





#53

Toluene

Concen: 9.522 ppbv

RT: 9.86 min Scan# 2199

Delta R.T. -0.01 min

Lab File: VL034372.D

Acq: 25 Oct 2019 20:21

Instrument :

MSVOA_L

ClientSampleId :

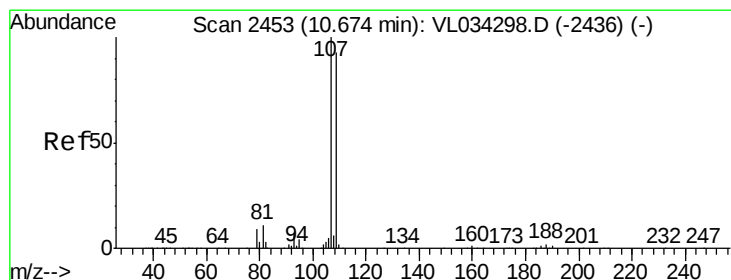
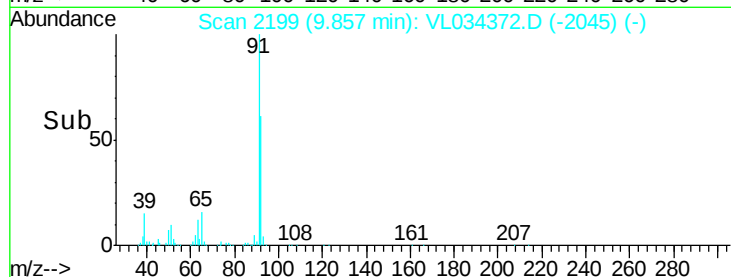
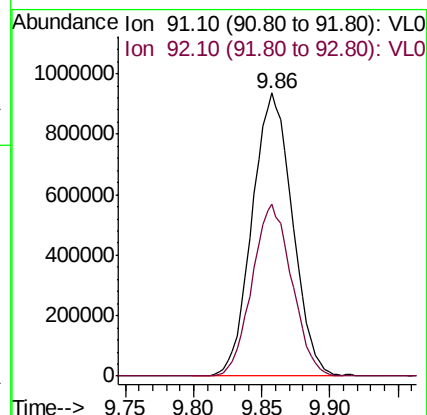
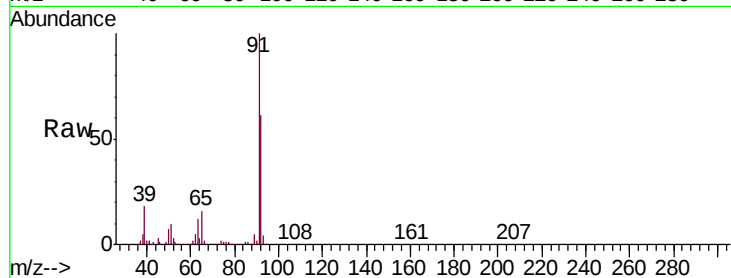
VSTDCCC010EC

Tgt Ion: 91 Resp: 1920426

Ion Ratio Lower Upper

91 100

92 60.0 48.4 72.6



#54

1,2-Dibromoethane

Concen: 9.462 ppbv

RT: 10.67 min Scan# 2451

Delta R.T. -0.01 min

Lab File: VL034372.D

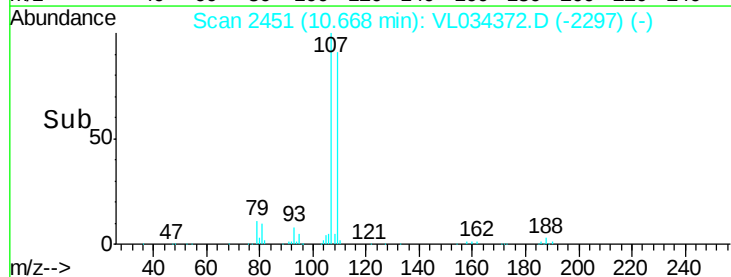
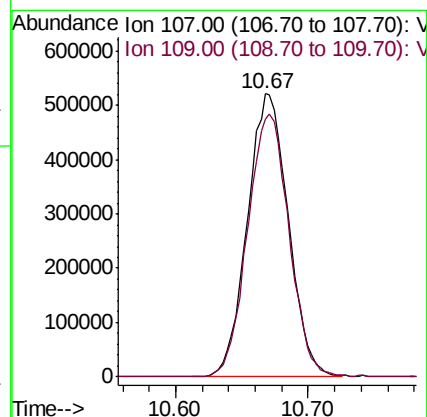
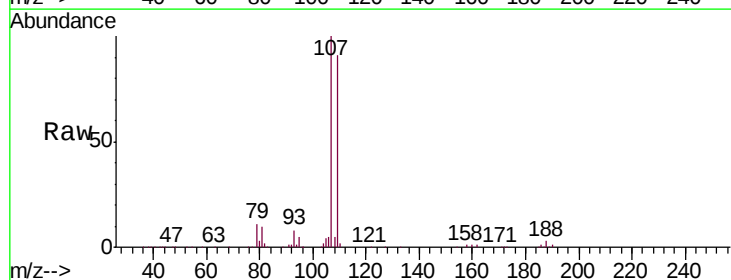
Acq: 25 Oct 2019 20:21

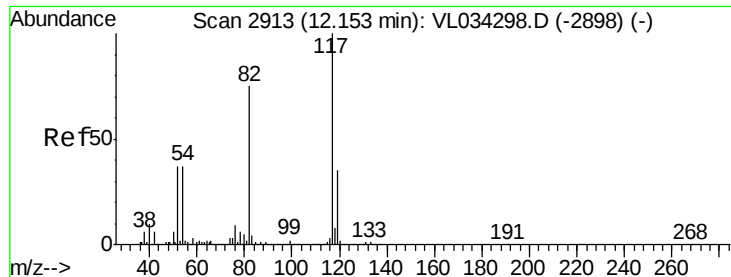
Tgt Ion: 107 Resp: 1117894

Ion Ratio Lower Upper

107 100

109 90.9 74.6 112.0

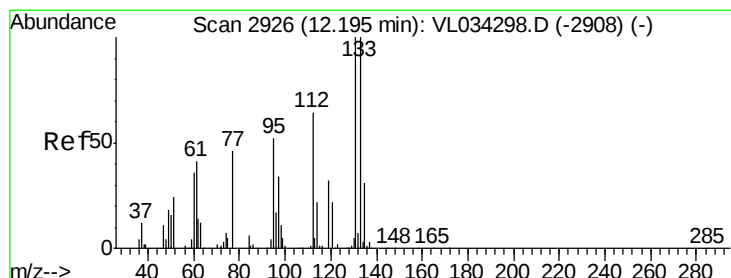
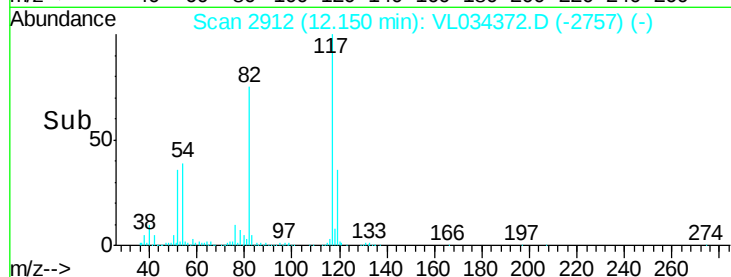
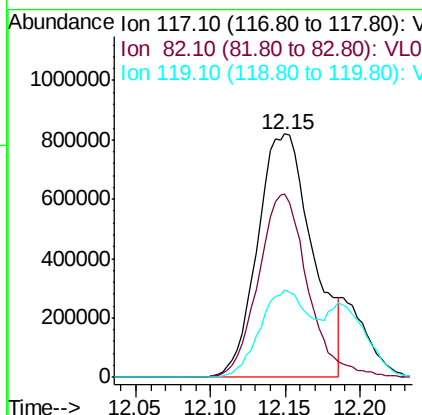
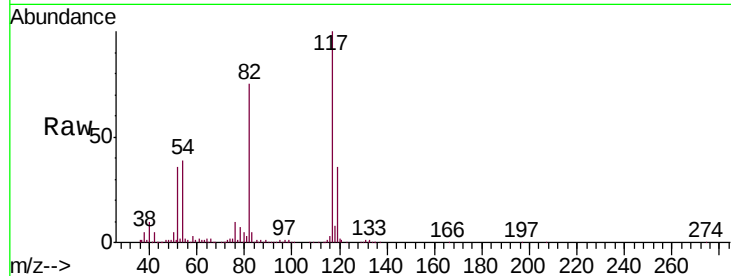




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. -0.00 min
Lab File: VL034372.D
Acq: 25 Oct 2019 20:21

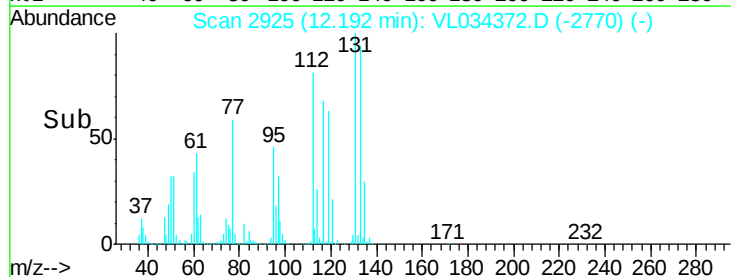
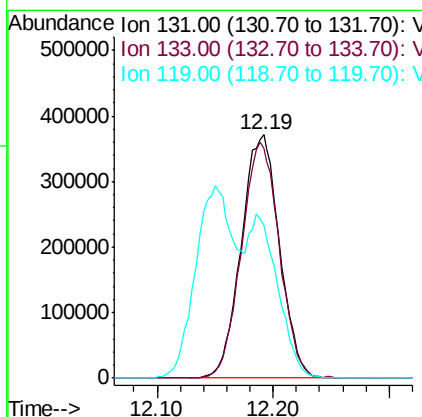
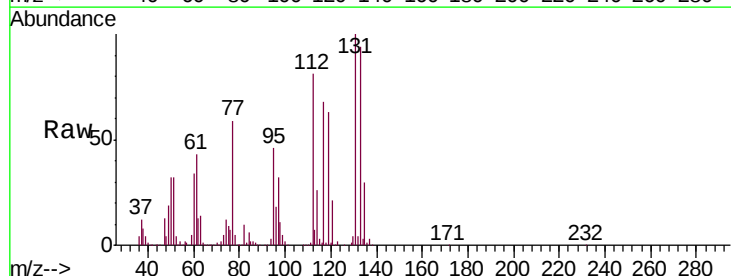
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

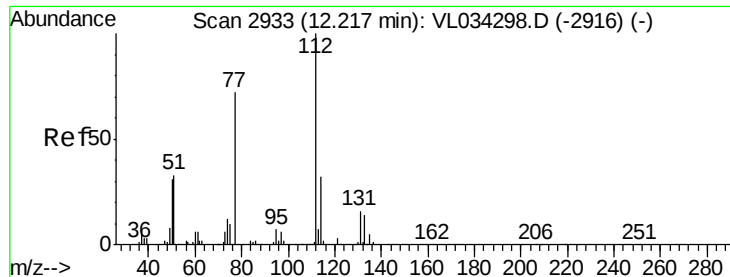
Tgt Ion:117 Resp: 2093006
Ion Ratio Lower Upper
117 100
82 68.0 55.5 83.3
119 32.6 26.5 39.7



#56
1,1,1,2-Tetrachloroethane
Concen: 8.800 ppbv
RT: 12.19 min Scan# 2925
Delta R.T. -0.00 min
Lab File: VL034372.D
Acq: 25 Oct 2019 20:21

Tgt Ion:131 Resp: 848830
Ion Ratio Lower Upper
131 100
133 96.2 77.1 115.7
119 51.4 49.0 73.4

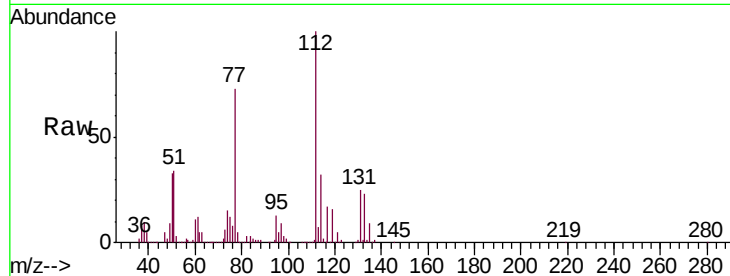




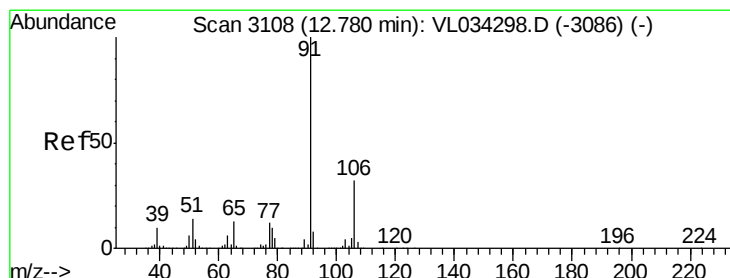
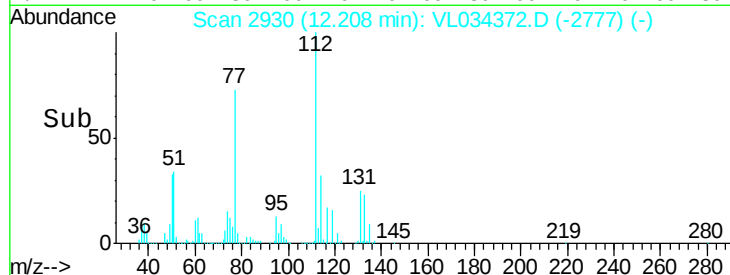
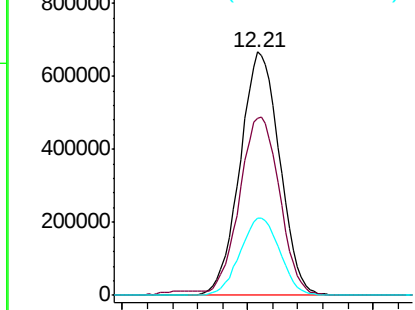
#57
Chlorobenzene
Concen: 8.391 ppbv
RT: 12.21 min Scan# 2930
Delta R.T. -0.01 min
Lab File: VL034372.D
Acq: 25 Oct 2019 20:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 112 Resp: 1465087
Ion Ratio Lower Upper
112 100
77 72.7 58.6 88.0
114 31.7 28.6 35.0

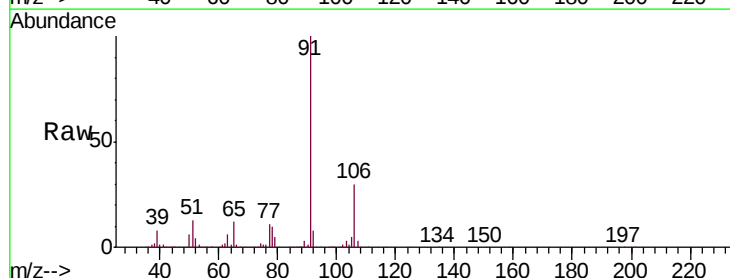


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

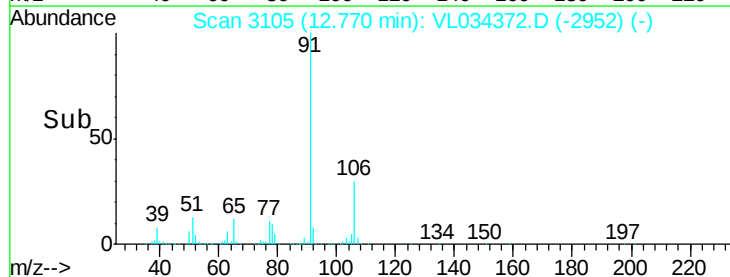
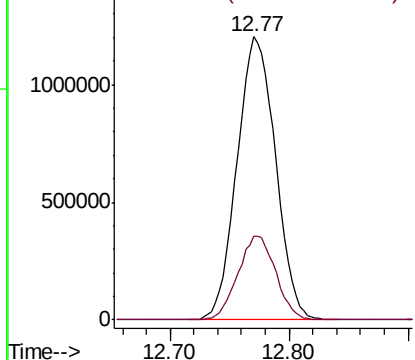


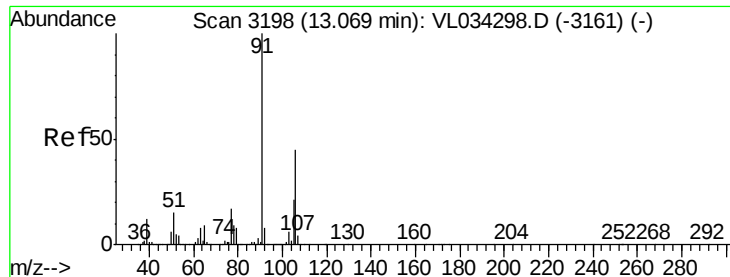
#58
Ethyl Benzene
Concen: 9.185 ppbv
RT: 12.77 min Scan# 3105
Delta R.T. -0.01 min
Lab File: VL034372.D
Acq: 25 Oct 2019 20:21

Tgt Ion: 91 Resp: 2687299
Ion Ratio Lower Upper
91 100
106 29.6 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V

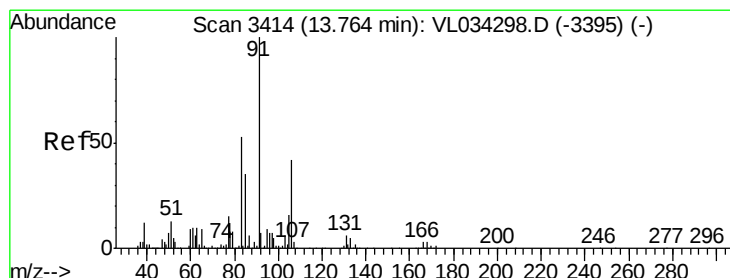
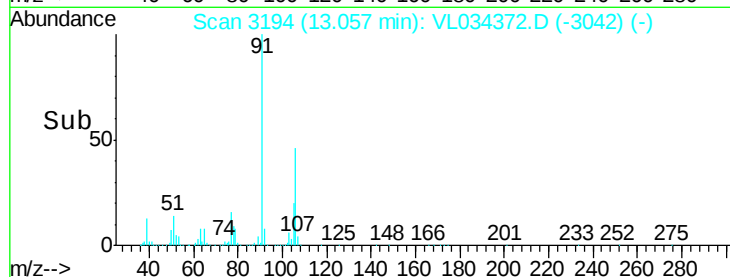
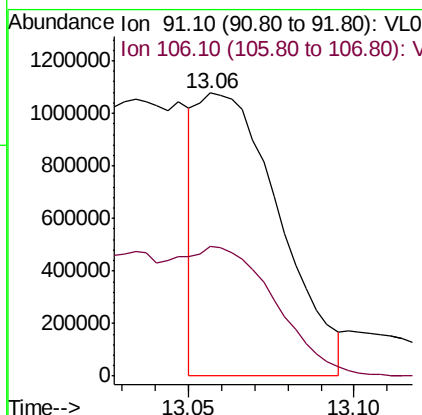
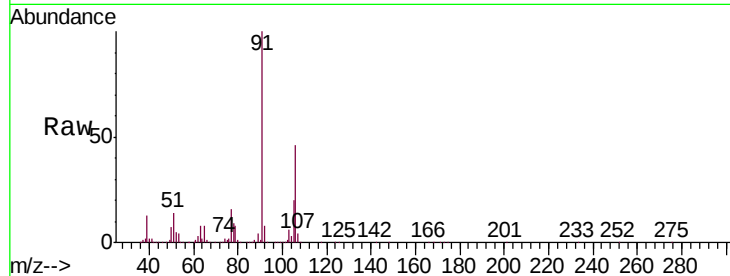




#59
m/p-Xylene
Concen: 7.253 ppbv
RT: 13.06 min Scan# 3194
Delta R.T. -0.01 min
Lab File: VL034372.D
Acq: 25 Oct 2019 20:21

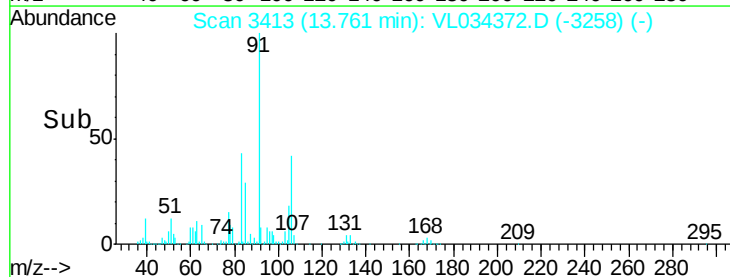
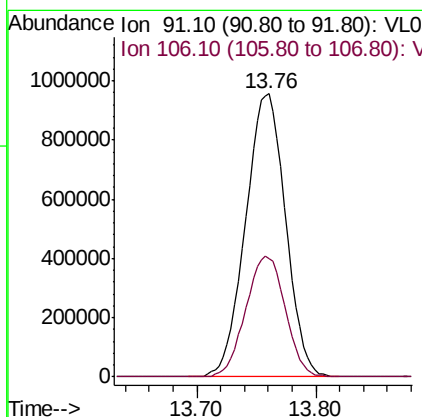
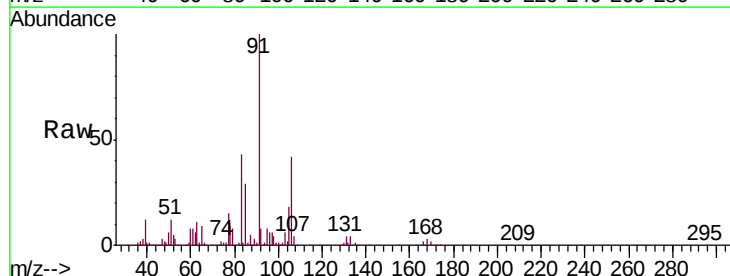
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

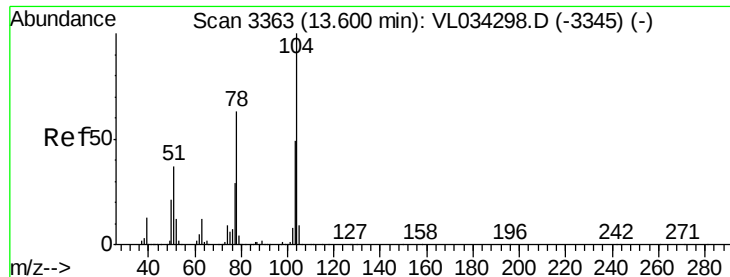
Tgt Ion: 91 Resp: 1838557
Ion Ratio Lower Upper
91 100
106 104.5 35.4 53.2#



#60
o-Xylene
Concen: 8.810 ppbv
RT: 13.76 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VL034372.D
Acq: 25 Oct 2019 20:21

Tgt Ion: 91 Resp: 2223911
Ion Ratio Lower Upper
91 100
106 42.3 21.6 64.6





#61

Styrene

Concen: 9.039 ppbv

RT: 13.59 min Scan# 3361

Delta R.T. -0.01 min

Lab File: VL034372.D

Acq: 25 Oct 2019 20:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

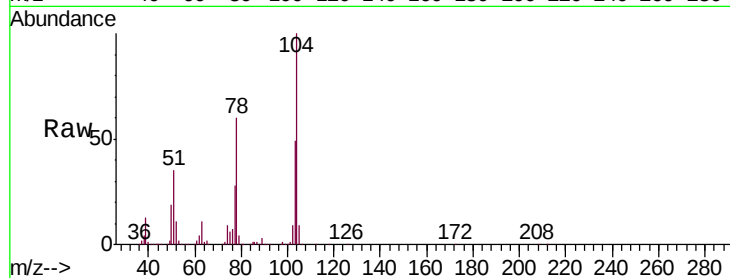
Tgt Ion:104 Resp: 1606347

Ion Ratio Lower Upper

104 100

78 60.5 47.8 71.8

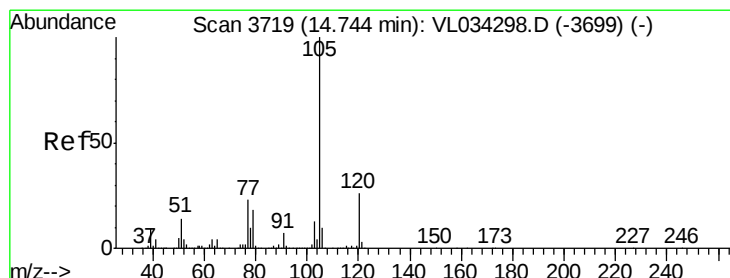
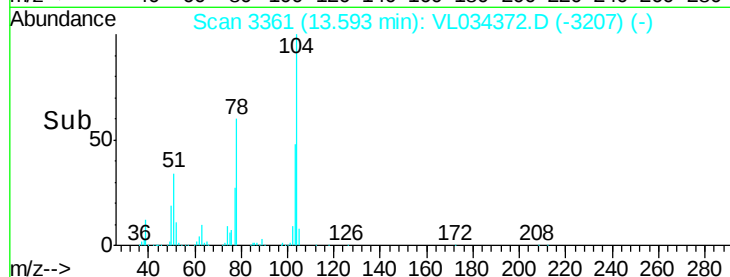
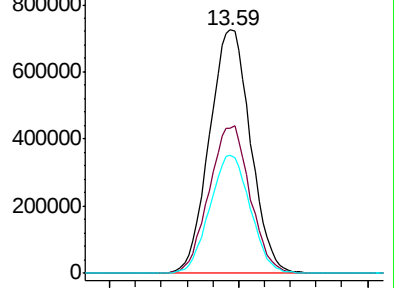
103 47.9 39.0 58.6



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 8.858 ppbv

RT: 14.73 min Scan# 3716

Delta R.T. -0.01 min

Lab File: VL034372.D

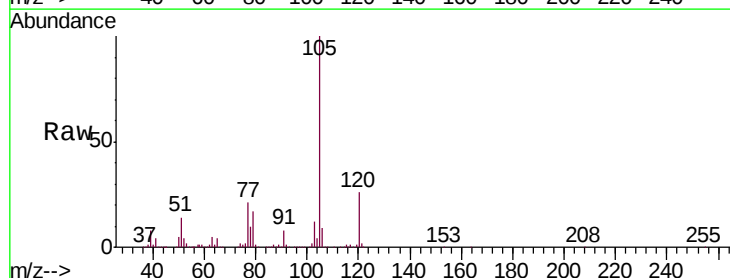
Acq: 25 Oct 2019 20:21

Tgt Ion:105 Resp: 2951795

Ion Ratio Lower Upper

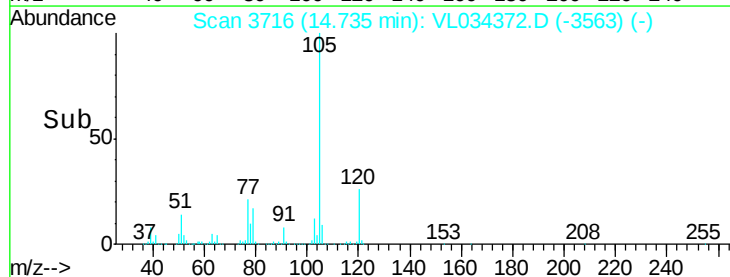
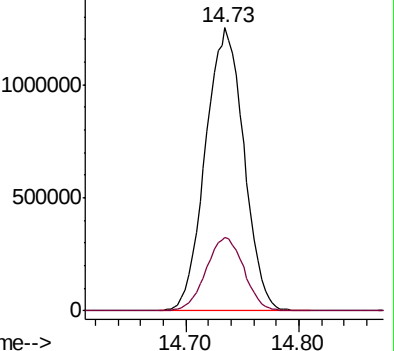
105 100

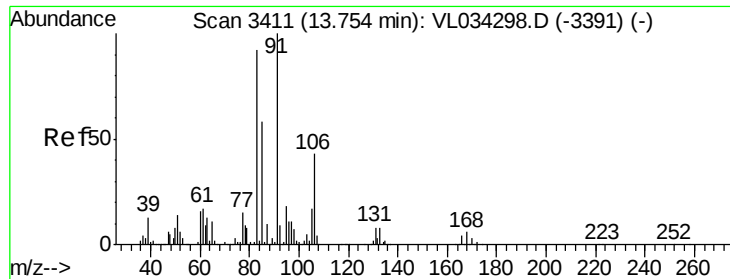
120 25.5 20.8 31.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

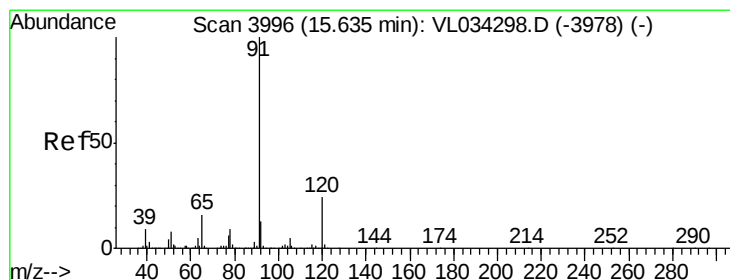
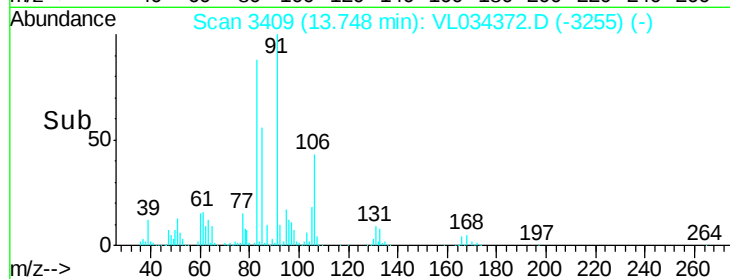
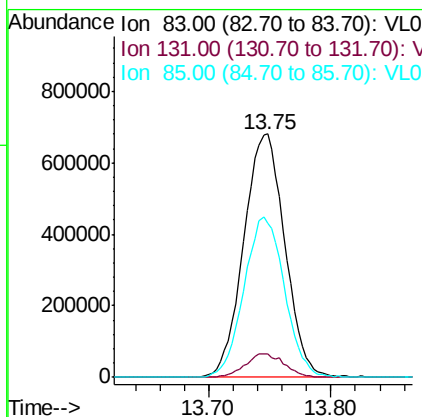
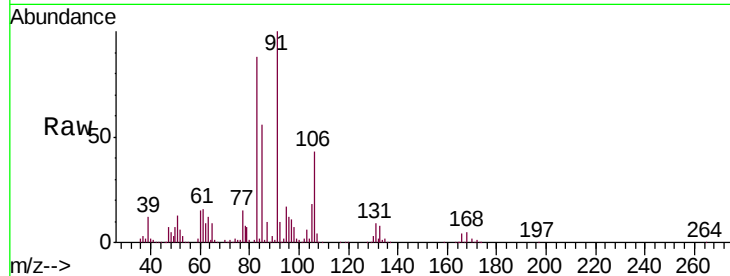




#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.802 ppbv
 RT: 13.75 min Scan# 3409
 Delta R.T. -0.01 min
 Lab File: VL034372.D
 Acq: 25 Oct 2019 20:21

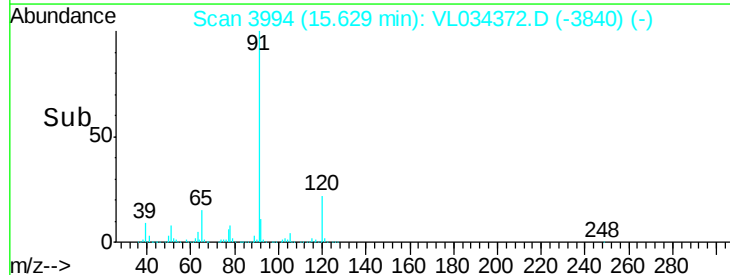
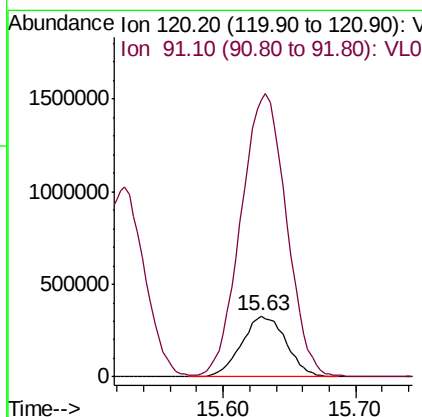
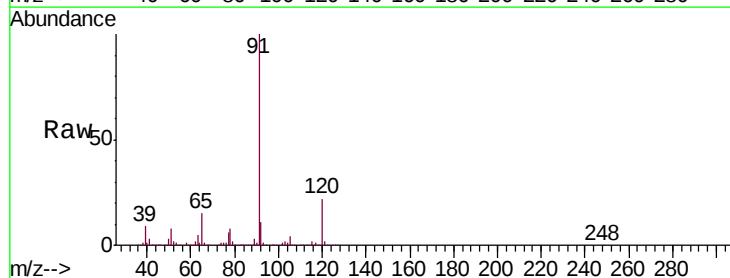
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

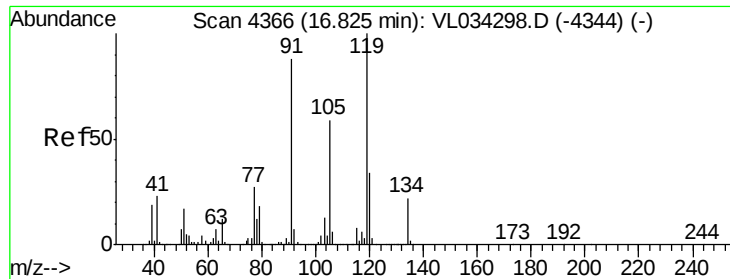
Tgt Ion: 83 Resp: 1582563
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.8 14.4
 85 65.3 32.5 97.4



#64
 n-propylbenzene
 Concen: 8.949 ppbv
 RT: 15.63 min Scan# 3994
 Delta R.T. -0.01 min
 Lab File: VL034372.D
 Acq: 25 Oct 2019 20:21

Tgt Ion: 120 Resp: 765292
 Ion Ratio Lower Upper
 120 100
 91 478.4 374.9 562.3

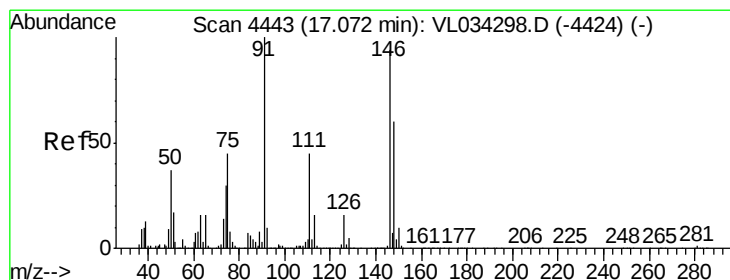
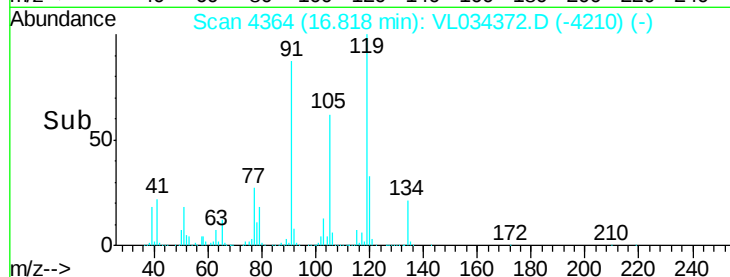
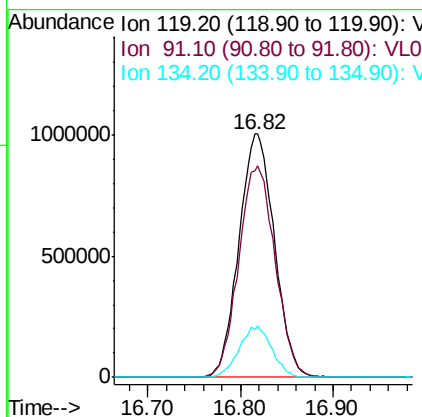
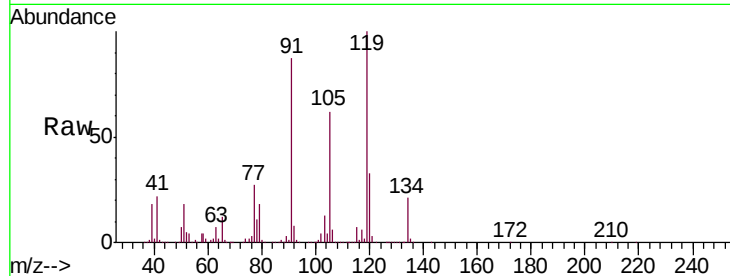




#65
 tert-Butylbenzene
 Concen: 9.024 ppbv
 RT: 16.82 min Scan# 4364
 Delta R.T. -0.01 min
 Lab File: VL034372.D
 Acq: 25 Oct 2019 20:21

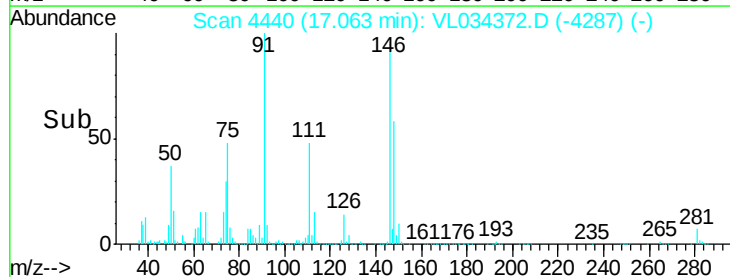
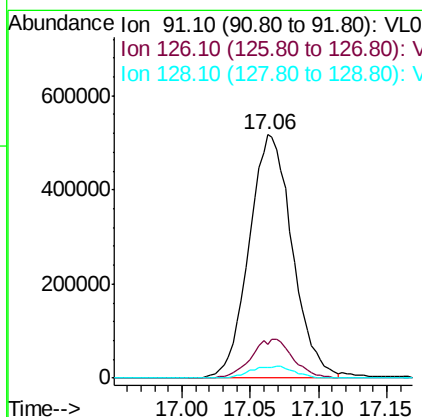
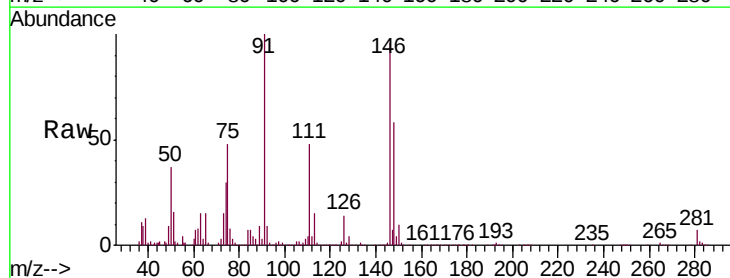
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

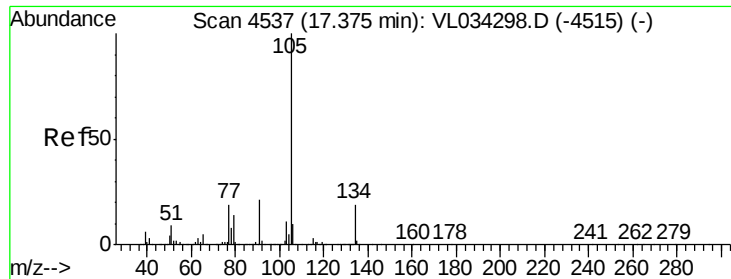
Tgt Ion: 119 Resp: 2665017
 Ion Ratio Lower Upper
 119 100
 91 89.2 71.4 107.0
 134 19.4 15.9 23.9



#66
 Benzyl Chloride
 Concen: 9.753 ppbv
 RT: 17.06 min Scan# 4440
 Delta R.T. -0.01 min
 Lab File: VL034372.D
 Acq: 25 Oct 2019 20:21

Tgt Ion: 91 Resp: 1137675
 Ion Ratio Lower Upper
 91 100
 126 15.7 12.9 19.3
 128 5.0 4.3 6.5

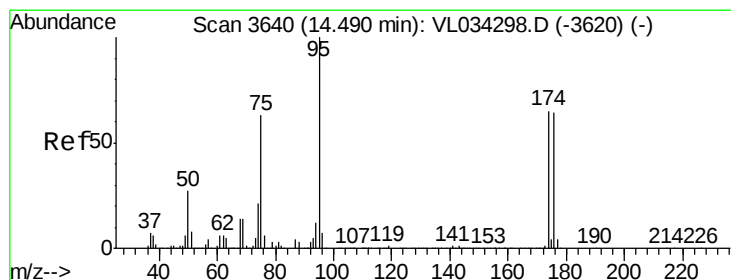
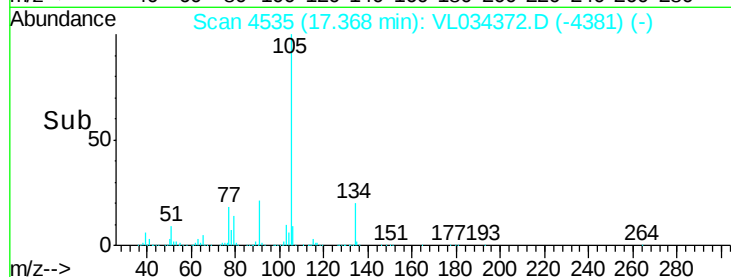
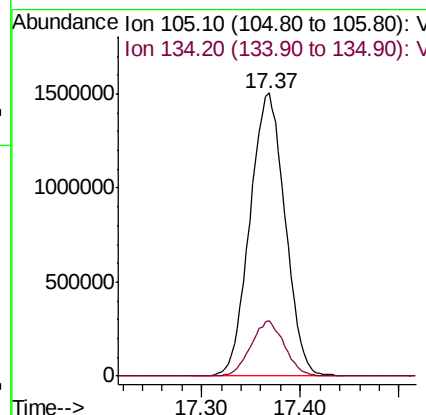
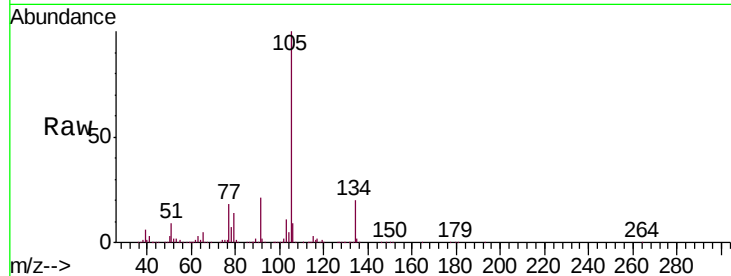




#67
 sec-Butylbenzene
 Concen: 8.906 ppbv
 RT: 17.37 min Scan# 4535
 Delta R.T. -0.01 min
 Lab File: VL034372.D
 Acq: 25 Oct 2019 20:21

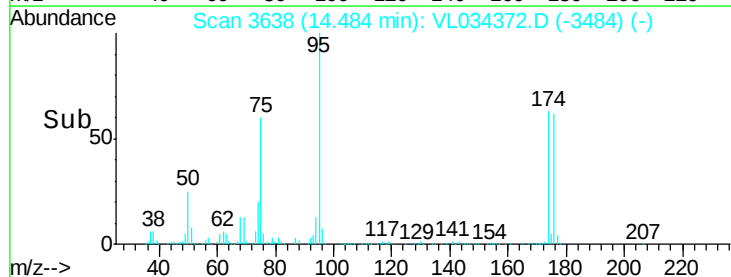
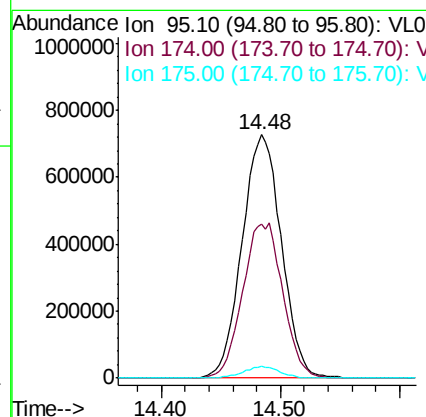
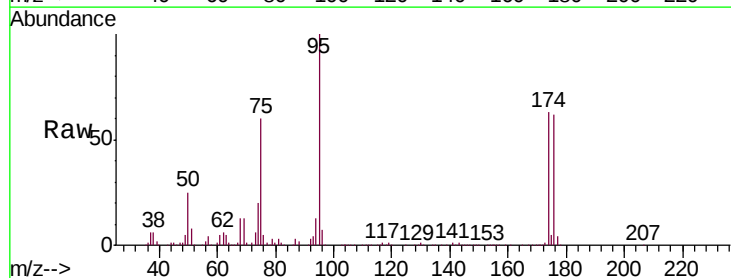
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

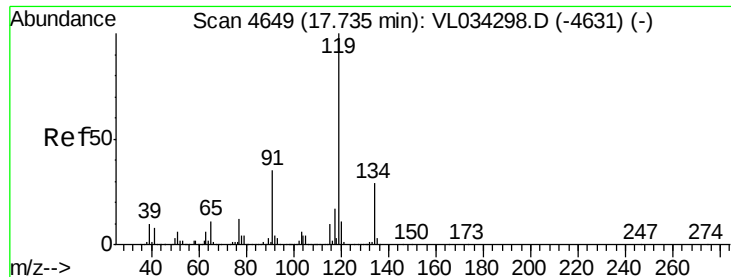
Tgt Ion: 105 Resp: 3701480
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.4 23.0



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.374 ppbv
 RT: 14.48 min Scan# 3638
 Delta R.T. -0.01 min
 Lab File: VL034372.D
 Acq: 25 Oct 2019 20:21

Tgt Ion: 95 Resp: 1661727
 Ion Ratio Lower Upper
 95 100
 174 65.0 52.6 78.8
 175 4.6 3.8 5.6

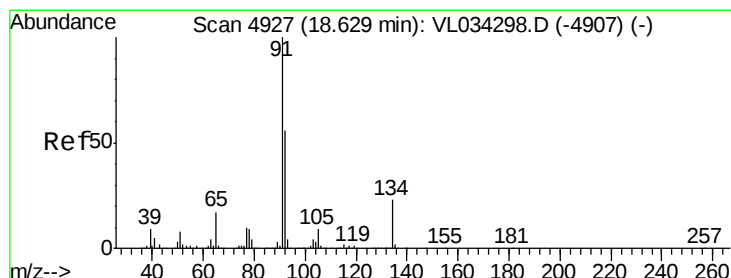
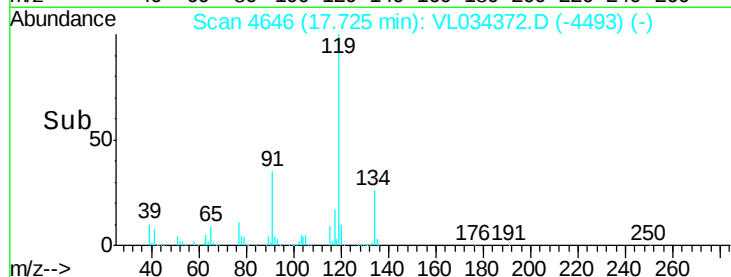
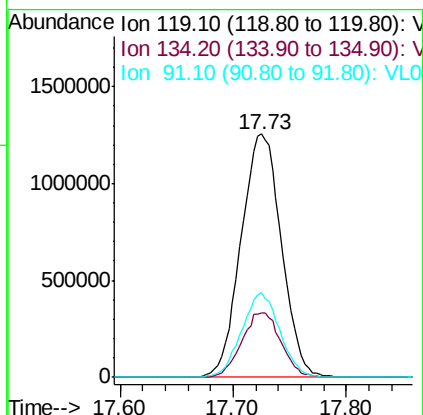
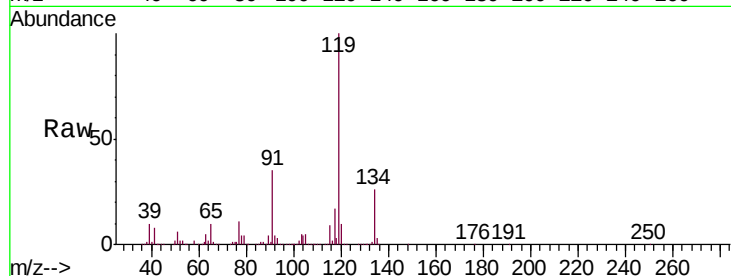




#69
p-Isopropyltoluene
Concen: 9.165 ppbv
RT: 17.73 min Scan# 4646
Delta R.T. -0.01 min
Lab File: VL034372.D
Acq: 25 Oct 2019 20:21

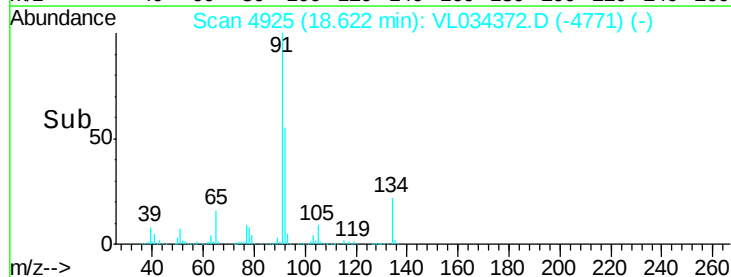
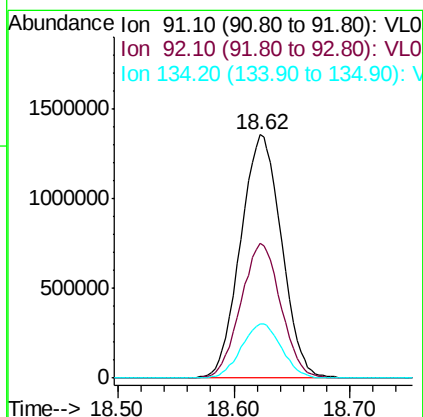
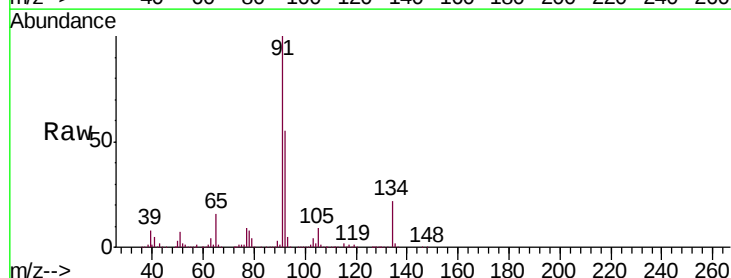
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

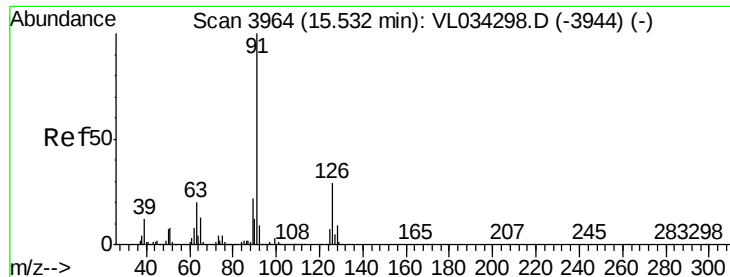
Tgt Ion: 119 Resp: 3105473
Ion Ratio Lower Upper
119 100
134 25.8 21.3 31.9
91 33.1 26.6 39.8



#70
n-Butylbenzene
Concen: 9.033 ppbv
RT: 18.62 min Scan# 4925
Delta R.T. -0.01 min
Lab File: VL034372.D
Acq: 25 Oct 2019 20:21

Tgt Ion: 91 Resp: 3330306
Ion Ratio Lower Upper
91 100
92 54.2 44.5 66.7
134 21.9 18.2 27.2





#71

2-Chlorotoluene

Concen: 9.147 ppbv

RT: 15.53 min Scan# 3962

Delta R.T. -0.01 min

Lab File: VL034372.D

Acq: 25 Oct 2019 20:21

Instrument :

MSVOA_L

ClientSampleId :

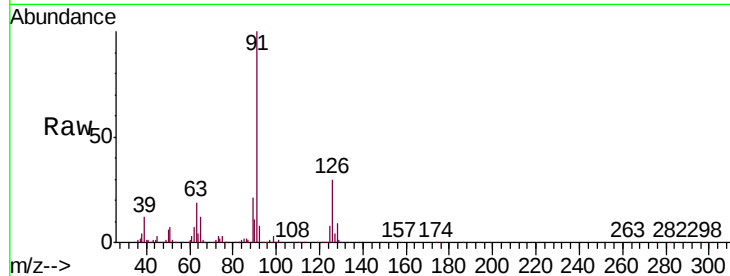
VSTDCCC010EC

Tgt Ion: 91 Resp: 2363451

Ion Ratio Lower Upper

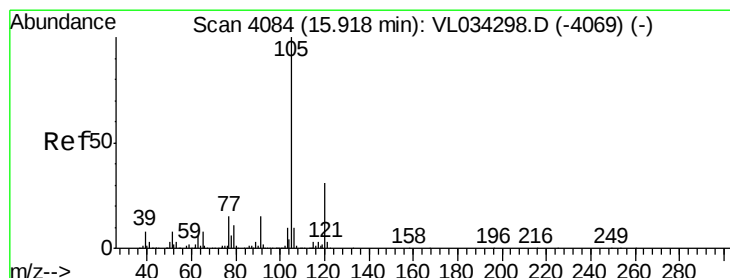
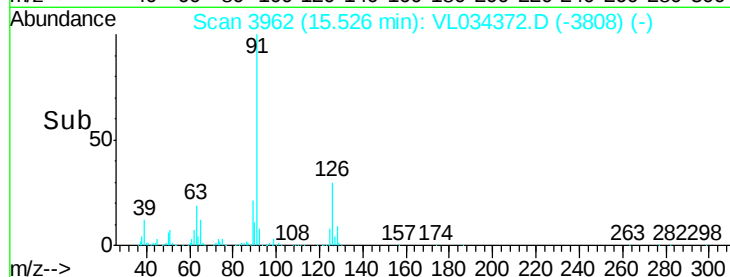
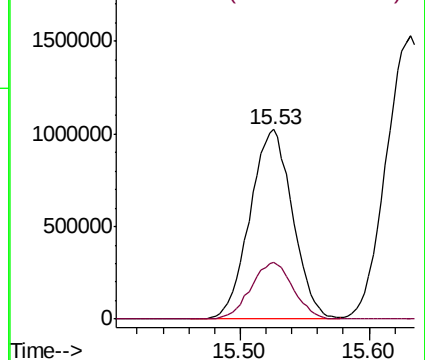
91 100

126 29.7 11.9 47.5



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 9.136 ppbv

RT: 15.91 min Scan# 4081

Delta R.T. -0.01 min

Lab File: VL034372.D

Acq: 25 Oct 2019 20:21

Tgt Ion: 105 Resp: 2592260

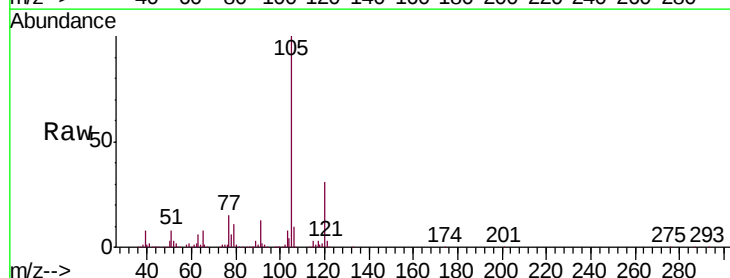
Ion Ratio Lower Upper

105 100

120 28.8 23.8 35.8

91 13.7 11.2 16.8

77 15.6 12.8 19.2

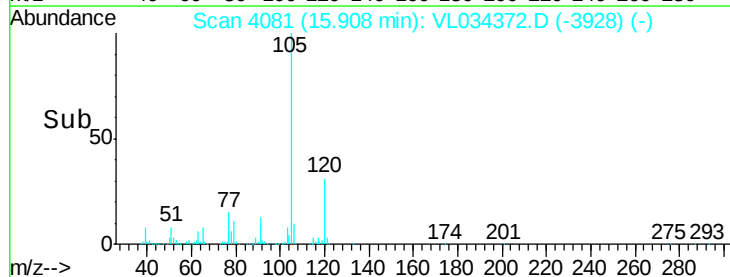
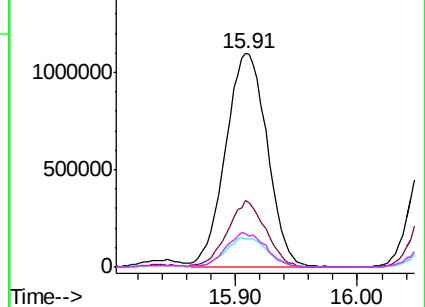


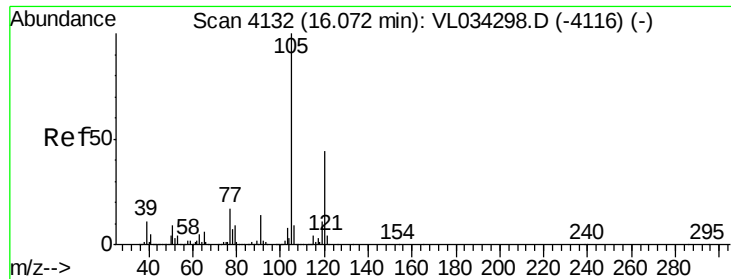
Abundance Ion 105.10 (104.80 to 105.80): V

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





#73

1,3,5-Trimethylbenzene

Concen: 8.930 ppbv

RT: 16.07 min Scan# 4130

Delta R.T. -0.01 min

Lab File: VL034372.D

Acq: 25 Oct 2019 20:21

Instrument :

MSVOA_L

ClientSampleId :

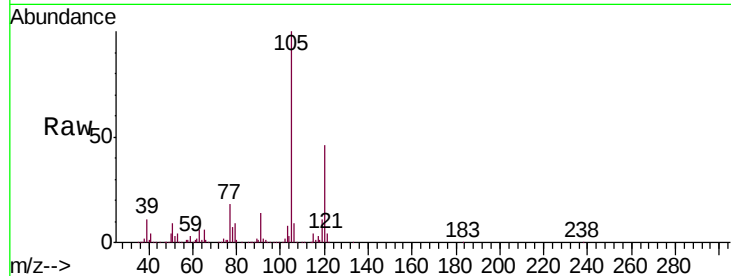
VSTDCCC010EC

Tgt Ion:105 Resp: 2510721

Ion Ratio Lower Upper

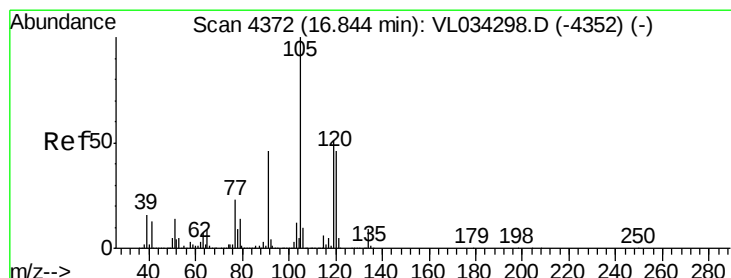
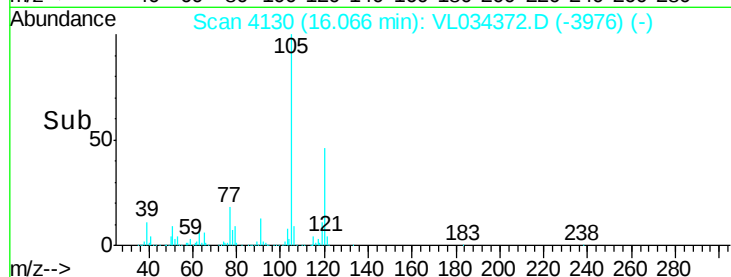
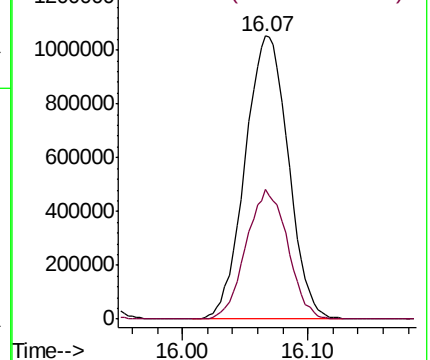
105 100

120 46.0 35.2 52.8



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: 8.748 ppbv

RT: 16.84 min Scan# 4370

Delta R.T. -0.01 min

Lab File: VL034372.D

Acq: 25 Oct 2019 20:21

Tgt Ion:105 Resp: 2564856

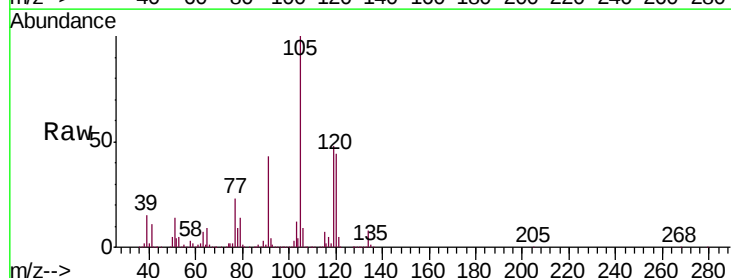
Ion Ratio Lower Upper

105 100

120 43.6 37.0 55.6

91 43.1 38.2 57.2

77 22.8 19.0 28.4

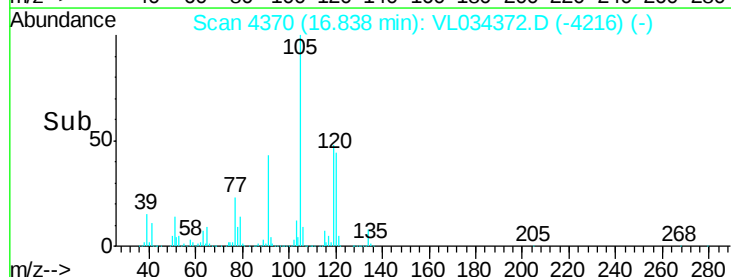
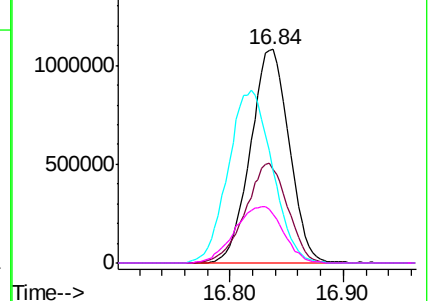


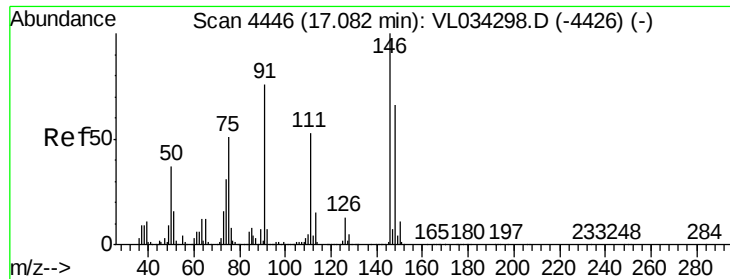
Abundance Ion 105.10 (104.80 to 105.80): V

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: 8.269 ppbv

RT: 17.07 min Scan# 4443

Delta R.T. -0.01 min

Lab File: VL034372.D

Acq: 25 Oct 2019 20:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

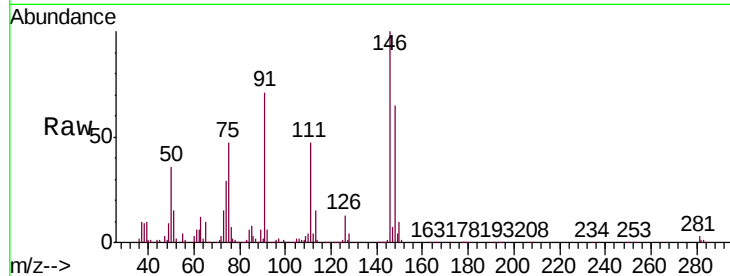
Tgt Ion:146 Resp: 1455549

Ion Ratio Lower Upper

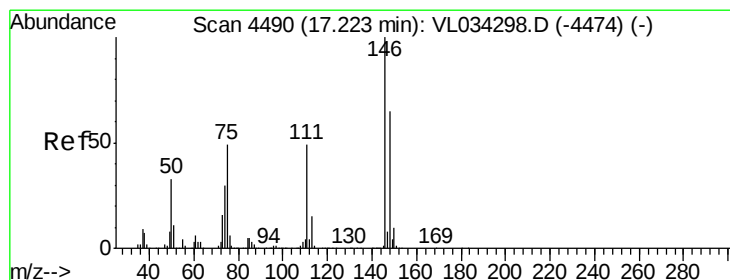
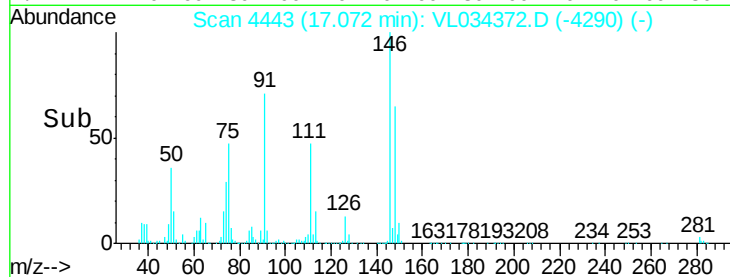
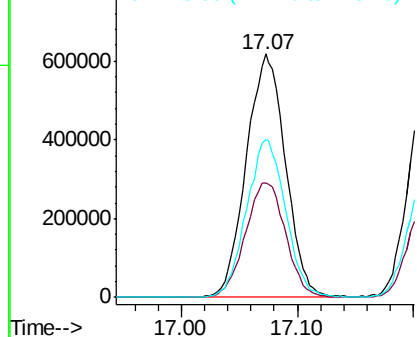
146 100

111 48.3 24.5 73.5

148 64.4 32.3 96.8



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



#76

1,4-Dichlorobenzene

Concen: 8.390 ppbv

RT: 17.21 min Scan# 4487

Delta R.T. -0.01 min

Lab File: VL034372.D

Acq: 25 Oct 2019 20:21

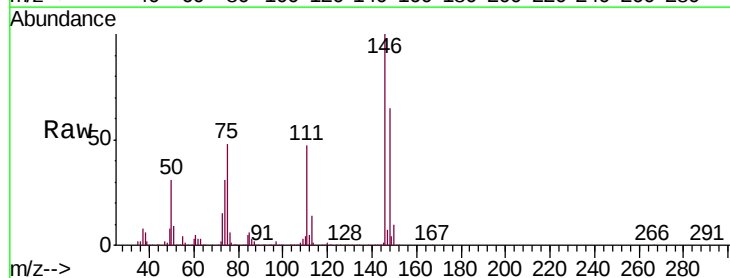
Tgt Ion:146 Resp: 1442622

Ion Ratio Lower Upper

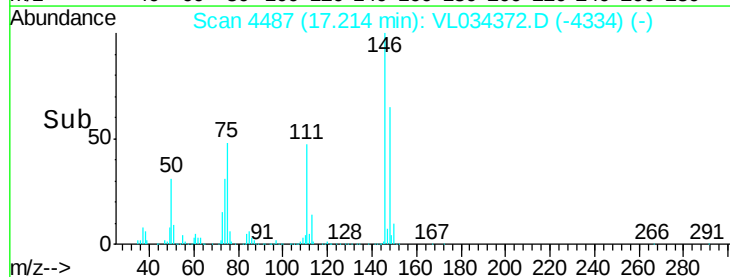
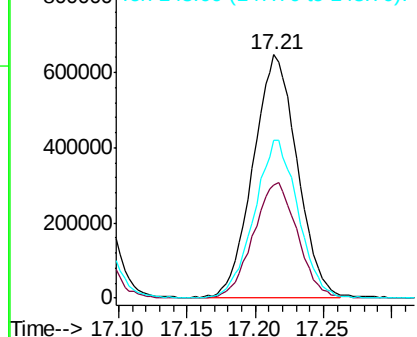
146 100

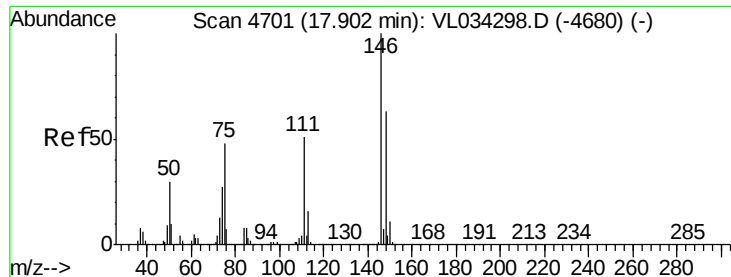
111 48.2 23.9 71.7

148 64.9 33.1 99.2



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

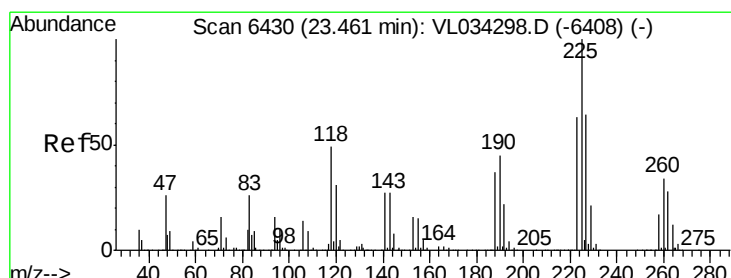
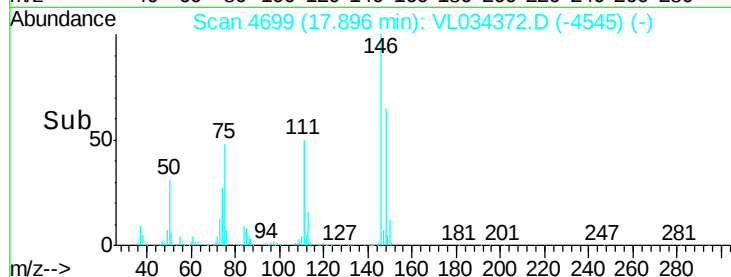
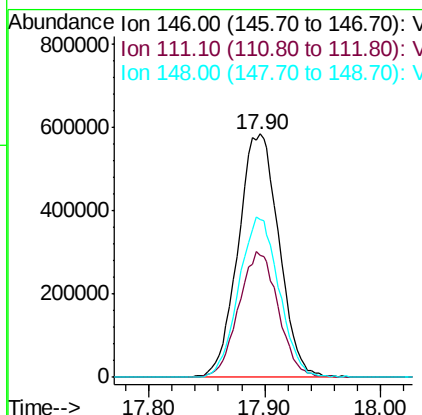
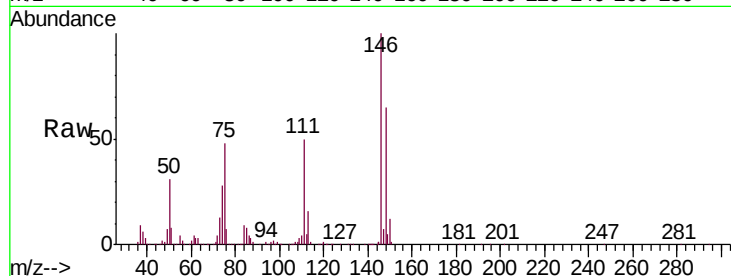




#77
 1,2-Dichlorobenzene
 Concen: 8.286 ppbv
 RT: 17.90 min Scan# 4699
 Delta R.T. -0.01 min
 Lab File: VL034372.D
 Acq: 25 Oct 2019 20:21

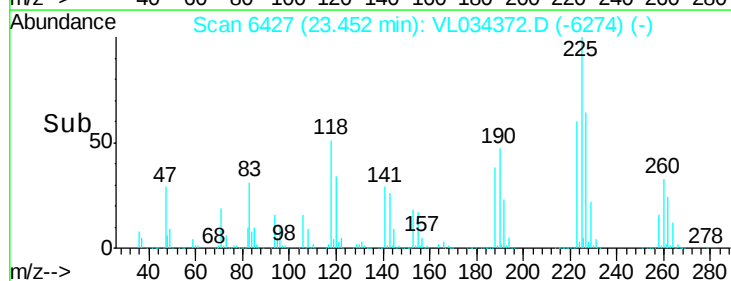
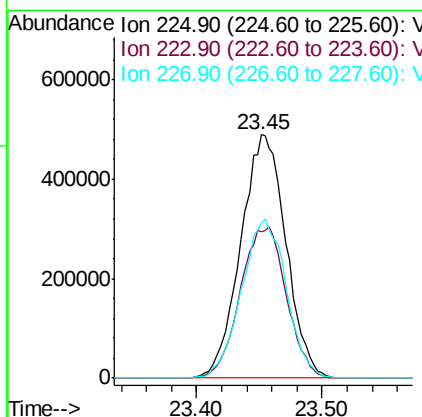
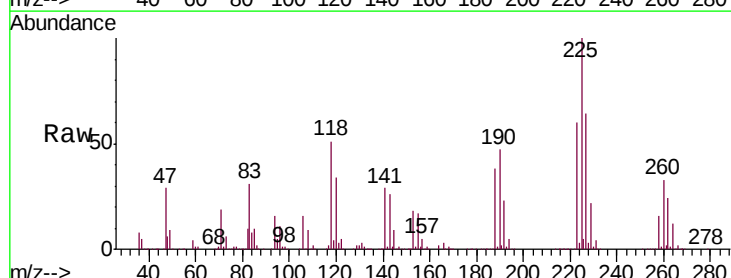
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

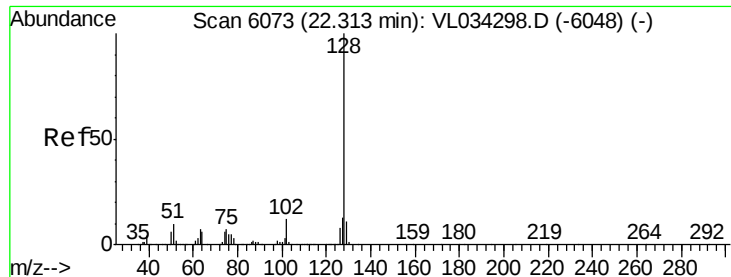
Tgt Ion:146 Resp: 1430027
 Ion Ratio Lower Upper
 146 100
 111 50.0 25.1 75.3
 148 65.1 32.3 96.8



#78
 Hexachloro-1,3-Butadiene
 Concen: 8.526 ppbv
 RT: 23.45 min Scan# 6427
 Delta R.T. -0.01 min
 Lab File: VL034372.D
 Acq: 25 Oct 2019 20:21

Tgt Ion:225 Resp: 1217131
 Ion Ratio Lower Upper
 225 100
 223 63.7 50.8 76.2
 227 65.2 51.5 77.3

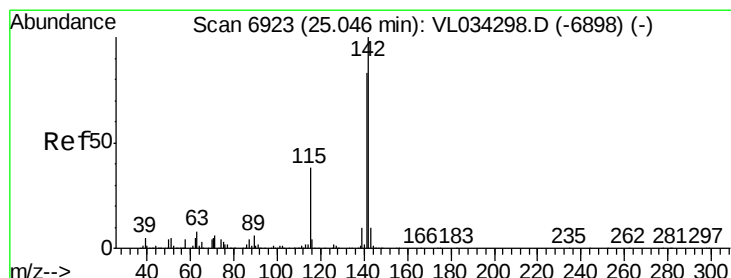
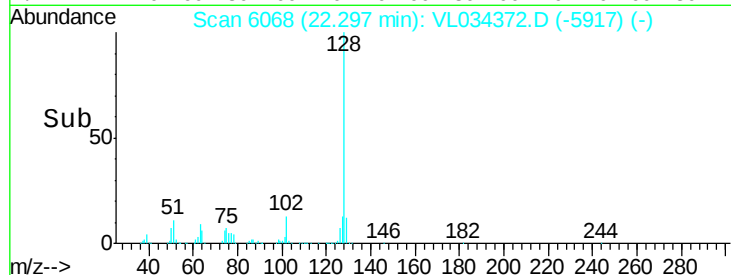
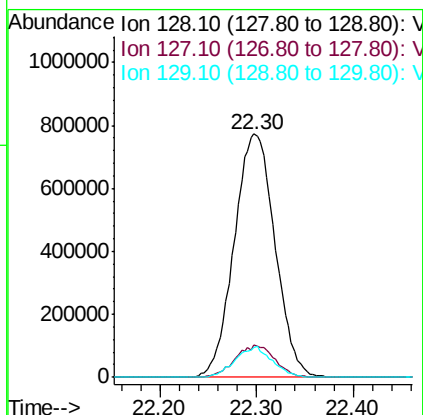
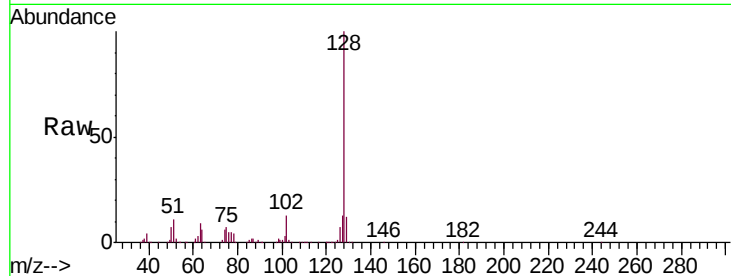




#79
Naphthalene
Concen: 10.549 ppbv
RT: 22.30 min Scan# 6068
Delta R.T. -0.02 min
Lab File: VL034372.D
Acq: 25 Oct 2019 20:21

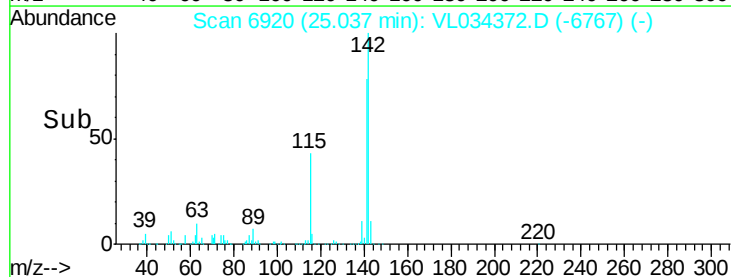
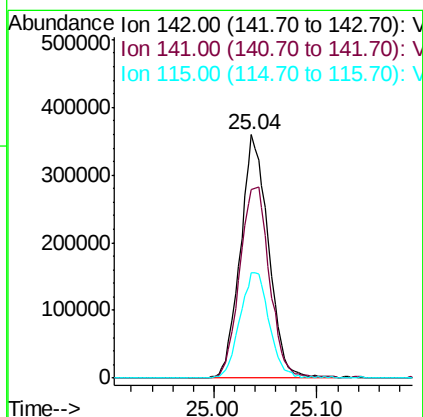
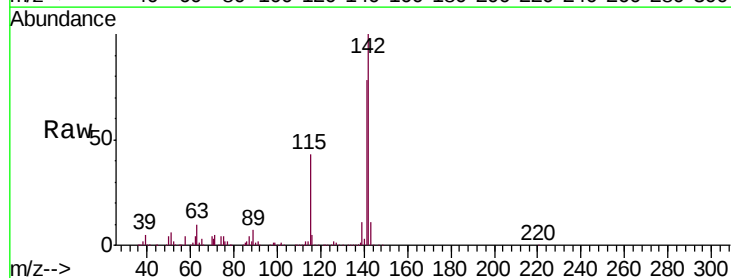
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

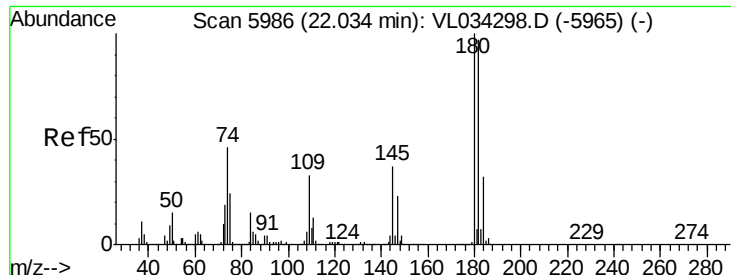
Tgt Ion:128 Resp: 2259364
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.4
129 12.1 8.9 13.3



#80
Naphthalene, 2-methyl-
Concen: 11.008 ppbv
RT: 25.04 min Scan# 6920
Delta R.T. -0.01 min
Lab File: VL034372.D
Acq: 25 Oct 2019 20:21

Tgt Ion:142 Resp: 681481
Ion Ratio Lower Upper
142 100
141 84.0 65.7 98.5
115 45.5 30.9 46.3





#81
 1,2,4-Trichlorobenzene
 Concen: 5.753 ppbv
 RT: 22.02 min Scan# 5983
 Delta R.T. -0.01 min
 Lab File: VL034372.D
 Acq: 25 Oct 2019 20:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:180 Resp: 804777
 Ion Ratio Lower Upper
 180 100
 182 0.0 77.8 116.8#
 184 49.2 25.4 38.2#

