

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102919\
 Data File : VU035547.D
 Acq On : 29 Oct 2019 19:48
 Operator : JC/SP
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC010EC

Manual Integrations
 APPROVED

MMDadoda

Quant Time: Oct 30 07:04:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 05:38:55 2019
 Response via : Initial Calibration

10/30/2019 10:39:30 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.16	96	77793	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.66	95	28800	1.03	ug/l	0.00
Spiked Amount	1.000		Recovery	=	103.00%	
68) 1,2-Dichlorobenzene-d4	12.22	152	31373	1.05	ug/l	0.00
Spiked Amount	1.000		Recovery	=	105.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	280044	9.191 ug/l	99
3) Chloromethane	1.54	50	324107	8.681 ug/l	97
4) Vinyl Chloride	1.62	62	313062	9.463 ug/l	98
5) Bromomethane	1.87	94	150321	8.937 ug/l	98
6) Chloroethane	1.95	64	180182	9.474 ug/l	98
7) Trichlorofluoromethane	2.16	101	381686	9.337 ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	207970	9.387 ug/l	98
9) 1,1-Dichloroethene	2.61	96	197749	9.250 ug/l	98
10) Iodomethane	2.75	142	143202	9.642 ug/l	99
11) Allyl Chloride	2.96	41	335346	9.336 ug/l	100
12) Acrylonitrile	3.38	53	98958m	18.440 ug/l	
13) Acetone	2.68	43	210728	40.456 ug/l	99
14) Carbon Disulfide	2.82	76	695979	9.207 ug/l	99
15) Methylene Chloride	3.08	84	238141	8.663 ug/l	99
16) trans-1,2-Dichloroethene	3.39	96	220368	9.373 ug/l	99
17) 1,1-Dichloroethane	3.92	63	418671	9.506 ug/l	99
18) 2-Butanone	4.79	43	310374	45.974 ug/l	100
19) Cyclohexane	5.43	56	347770m	9.964 ug/l	
20) Methylcyclohexane	6.80	83	358311	10.008 ug/l	99
21) 2,2-Dichloropropane	4.71	77	330503	8.695 ug/l	99
22) cis-1,2-Dichloroethene	4.72	96	251127	9.981 ug/l	99
23) Diethyl Ether	2.41	59	168568	9.562 ug/l	98
24) tert-Butyl Alcohol	3.28	59	145621	74.113 ug/l	96
25) Methyl tert-Butyl Ether	3.43	73	550230	9.599 ug/l	99
26) Bromochloromethane	5.02	128	105986	9.433 ug/l	99
27) Chloroform	5.14	83	421359	8.955 ug/l	99
28) 1,1,1-Trichloroethane	5.36	97	350480	9.401 ug/l	100
29) 1,1-Dichloropropene	5.57	75	314168	10.049 ug/l	99
30) Carbon Tetrachloride	5.56	117	318608	9.608 ug/l	99
31) Isopropyl Ether	4.07	45	604158	9.823 ug/l	98
32) Ethyl-t-butyl ether	4.57	59	569005	9.992 ug/l	99
33) Tert-Amyl methyl ether	6.01	73	509908	10.412 ug/l	100
34) Propionitrile	4.86	54	99209	50.737 ug/l #	96
35) Benzene	5.82	78	918895	9.633 ug/l	98
36) 1,2-Dichloroethane	5.84	62	261537	9.569 ug/l	100
37) Trichloroethene	6.58	130	251662	9.497 ug/l	98
38) 1,2-Dichloropropane	6.83	63	248674	9.506 ug/l	100
39) Methacrylonitrile	5.04	41	75912	10.340 ug/l	99
40) Methyl acrylate	4.92	55	125046	11.186 ug/l	99
41) Tetrahydrofuran	5.14	42	75371	19.969 ug/l #	40
42) 1-Chlorobutane	5.50	56	435988	10.136 ug/l	99

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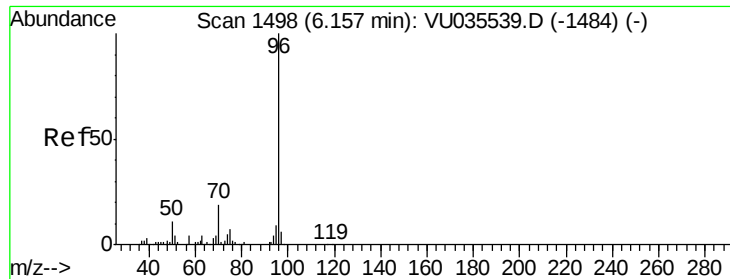
MMDadoda

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.96	93	126041	9.646	ug/l	98
44) Bromodichloromethane	7.15	83	308477	9.473	ug/l	99
45) 4-Methyl-2-Pentanone	7.84	43	727161	52.182	ug/l	99
46) t-1,4-Dichloro-2-butene	10.86	75	131025m	25.870	ug/l	
47) Methyl methacrylate	7.01	69	231680	21.407	ug/l	97
48) Ethyl methacrylate	8.38	69	207840	10.990	ug/l	100
49) Toluene	8.01	92	560922	10.223	ug/l	100
50) t-1,3-Dichloropropene	8.25	75	287433	9.968	ug/l	99
51) cis-1,3-Dichloropropene	7.65	75	332361	9.715	ug/l	99
52) 1,1,2-Trichloroethane	8.44	97	174721	9.540	ug/l	97
53) 1,3-Dichloropropane	8.61	76	303148	9.767	ug/l	100
54) 2-Hexanone	8.73	43	501889	50.682	ug/l	98
55) Dibromochloromethane	8.84	129	215424	9.634	ug/l	100
56) 1,2-Dibromoethane	8.96	107	165341	9.869	ug/l	100
58) Tetrachloroethene	8.58	164	232689	9.579	ug/l	97
59) Chlorobenzene	9.48	112	623818	9.861	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.56	131	230722	9.486	ug/l	99
61) Pentachloroethane	11.46	117	188421	9.507	ug/l	99
62) Hexachloroethane	12.50	117	177285	9.791	ug/l	97
63) Ethyl Benzene	9.60	91	1049699	10.684	ug/l	100
64) m/p-Xylenes	9.72	106	857127	22.095	ug/l #	3
65) o-Xylene	10.13	106	394757	10.532	ug/l	100
66) Styrene	10.14	104	695600	11.211	ug/l	99
67) Bromoform	10.32	173	134077	9.664	ug/l	100
69) Isopropylbenzene	10.51	105	1039311	10.634	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.81	83	234098	9.587	ug/l #	65
71) 1,2,3-Trichloropropane	10.86	75	178360m	9.726	ug/l	
72) Bromobenzene	10.81	156	273594	10.048	ug/l	99
73) n-propylbenzene	10.93	120	300976	11.027	ug/l	98
74) 2-Chlorotoluene	11.01	126	267906	10.469	ug/l	100
75) 1,3,5-Trimethylbenzene	11.11	105	907470	11.269	ug/l	99
76) 4-Chlorotoluene	11.12	126	280344	10.786	ug/l	97
77) tert-Butylbenzene	11.45	119	885759	10.725	ug/l	100
78) 1,2,4-Trimethylbenzene	11.49	105	928206	11.389	ug/l	100
79) sec-Butylbenzene	11.67	105	1171160	11.085	ug/l	99
80) Nitrobenzene	13.24	77	16650	20.347	ug/l	94
81) p-Isopropyltoluene	11.82	119	971852	11.497	ug/l #	67
82) 1,3-Dichlorobenzene	11.77	146	540772	10.427	ug/l	99
83) 1,4-Dichlorobenzene	11.86	146	541427	10.886	ug/l	100
84) n-Butylbenzene	12.23	91	855811	12.335	ug/l	100
85) 1,2-Dichlorobenzene	12.24	146	514684	10.538	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	13.02	75	34633	11.137	ug/l	95
87) 1,2,4-Trichlorobenzene	13.86	180	252338	11.130	ug/l	99
88) Hexachlorobutadiene	14.04	225	199538	10.969	ug/l	98
89) Naphthalene	14.11	128	335443	9.911	ug/l	99
90) 1,2,3-Trichlorobenzene	14.35	180	250766	11.290	ug/l	100

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.16 min Scan# 1498

Delta R.T. -0.00 min

Lab File: VU035547.D

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Instrument :

MSVOA_U

ClientSampleId :

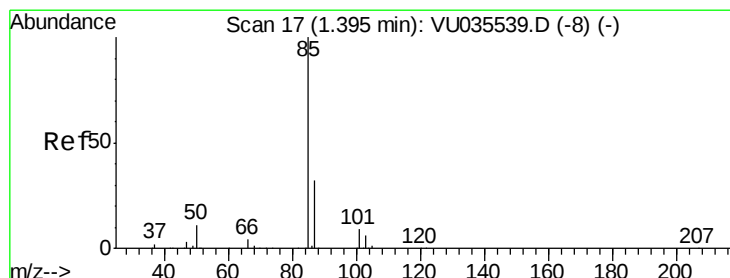
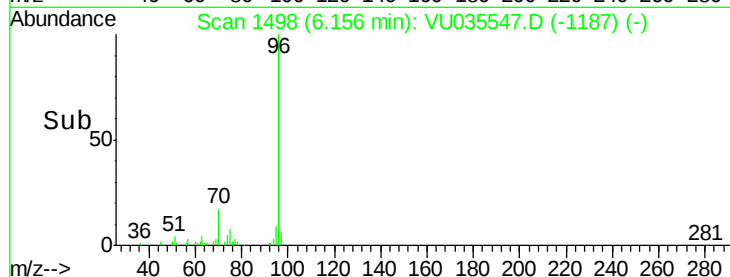
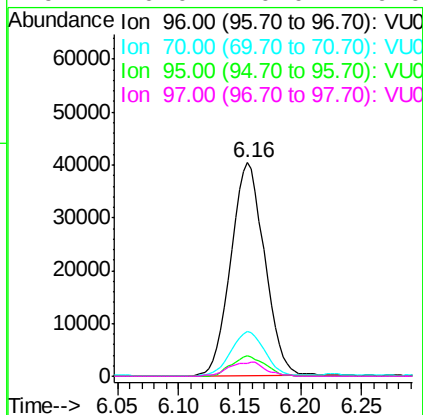
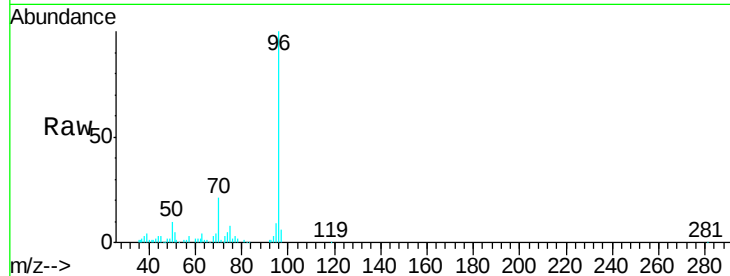
VSTDCCC010EC

Tgt Ion:	96	Resp:	77793
Ion	Ratio	Lower	Upper
96	100		
70	20.6	15.8	23.8
95	9.4	7.4	11.2
97	0.0	0.0	0.0

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#2

Dichlorodifluoromethane

Concen: 9.191 ug/l

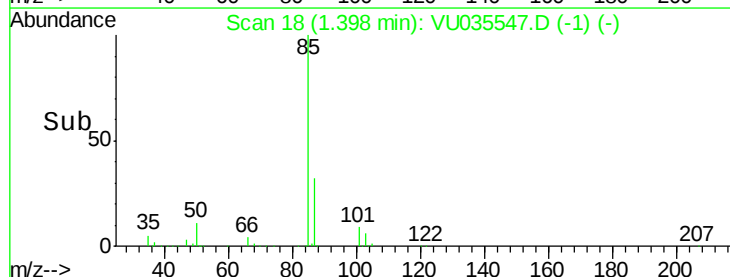
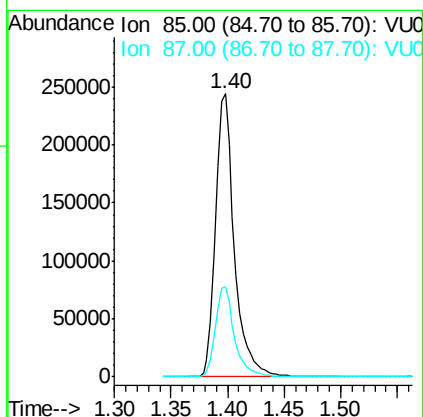
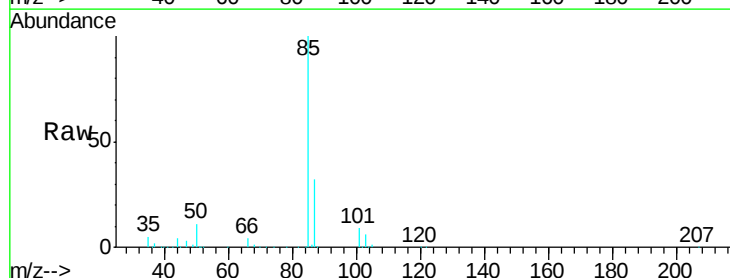
RT: 1.40 min Scan# 18

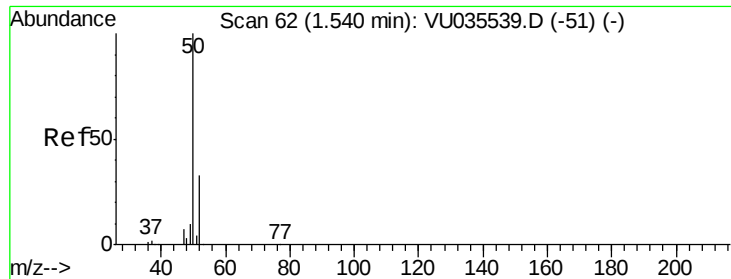
Delta R.T. 0.00 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

Tgt Ion:	85	Resp:	280044
Ion	Ratio	Lower	Upper
85	100		
87	32.0	15.8	47.4





#3

Chloromethane

Concen: 8.681 ug/l

RT: 1.54 min Scan# 62

Delta R.T. -0.00 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 50 Resp: 324107

Ion Ratio Lower Upper

50 100

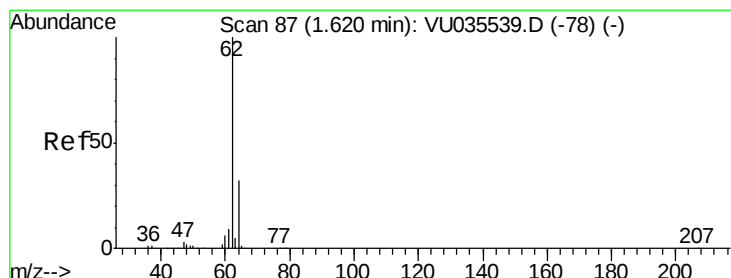
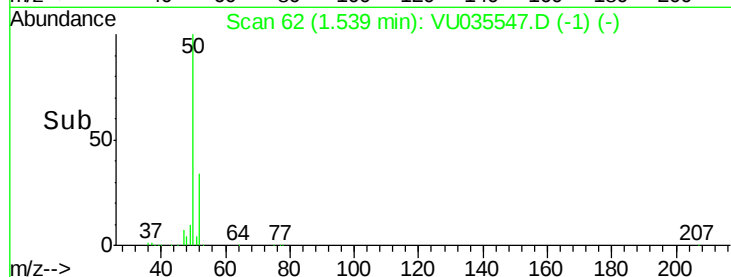
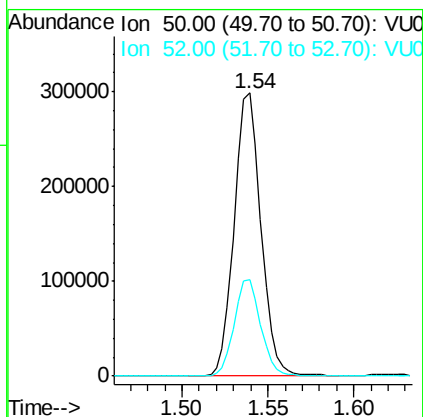
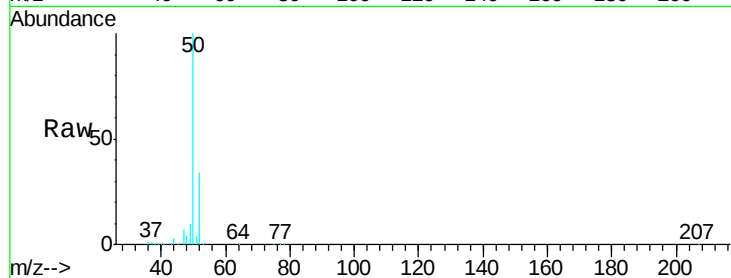
52 33.9 26.0 39.0

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#4

Vinyl Chloride

Concen: 9.463 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VU035547.D

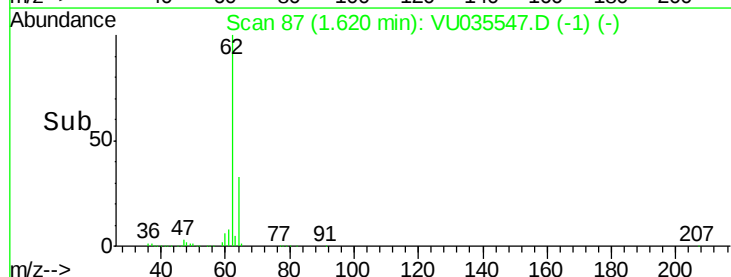
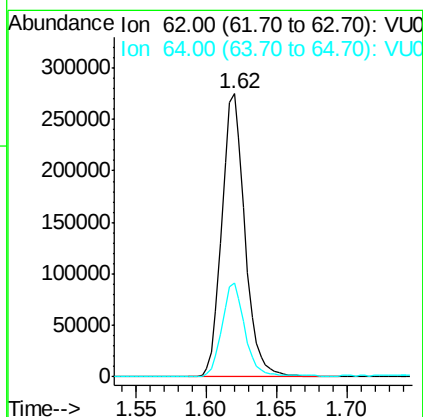
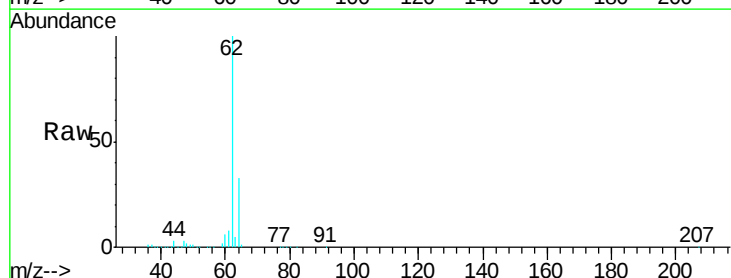
Acq: 29 Oct 2019 19:48

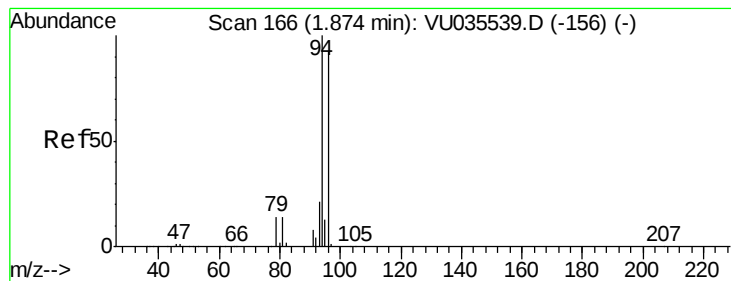
Tgt Ion: 62 Resp: 313062

Ion Ratio Lower Upper

62 100

64 32.8 25.6 38.4





#5

Bromomethane

Concen: 8.937 ug/l

RT: 1.87 min Scan# 166

Delta R.T. -0.00 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 94 Resp: 150321

Ion Ratio Lower Upper

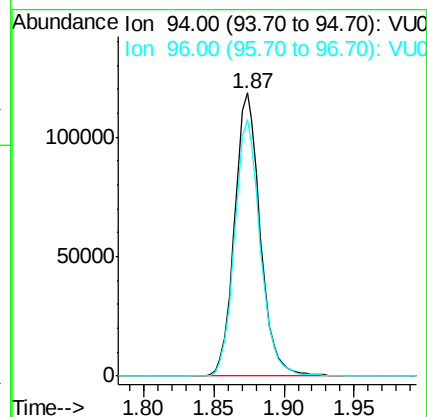
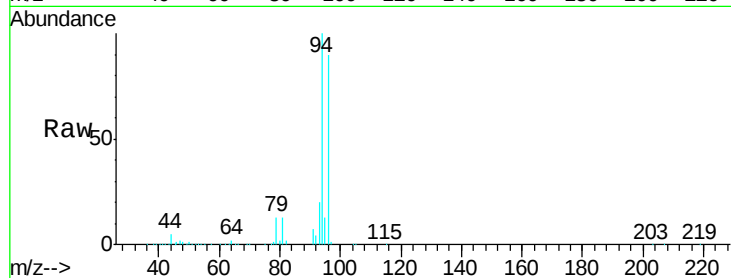
94 100

96 90.5 73.8 110.8

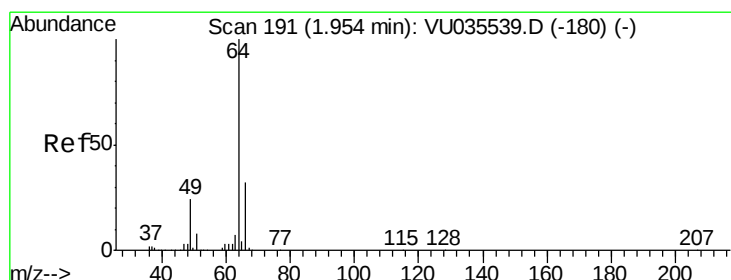
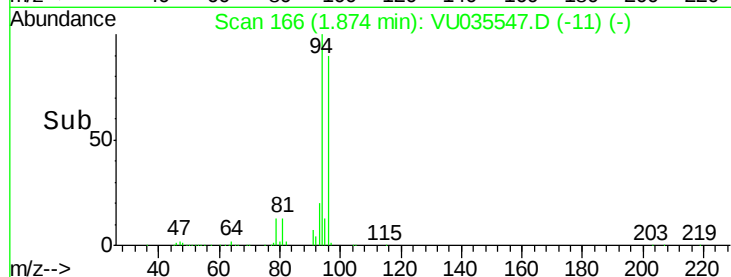
Manual Integrations

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#6

Chloroethane

Concen: 9.474 ug/l

RT: 1.95 min Scan# 190

Delta R.T. -0.00 min

Lab File: VU035547.D

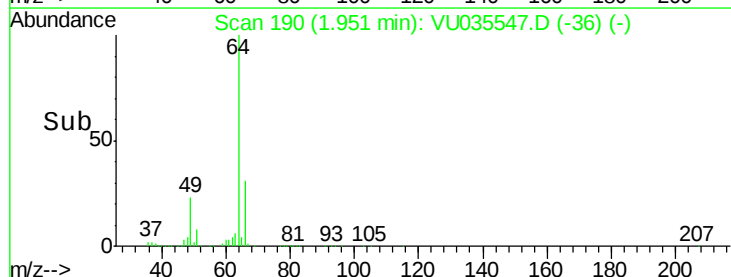
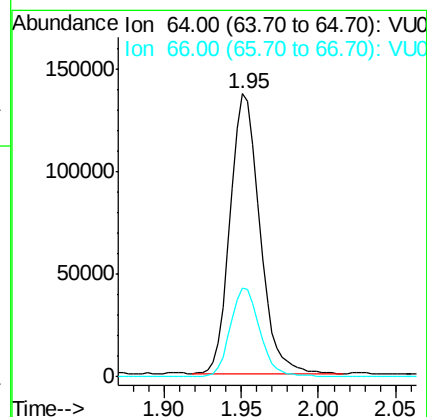
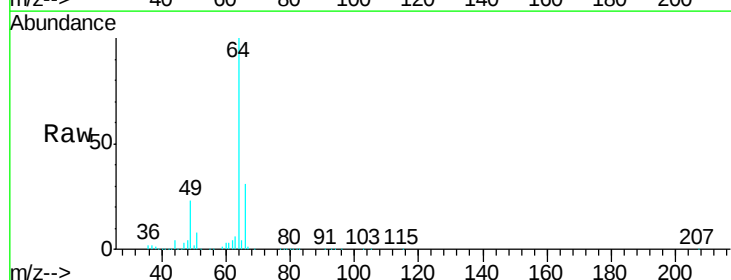
Acq: 29 Oct 2019 19:48

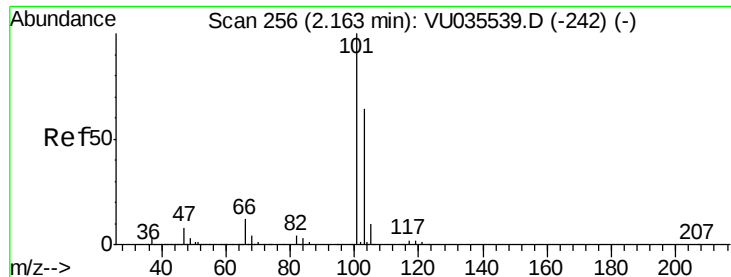
Tgt Ion: 64 Resp: 180182

Ion Ratio Lower Upper

64 100

66 31.5 25.9 38.9





#7

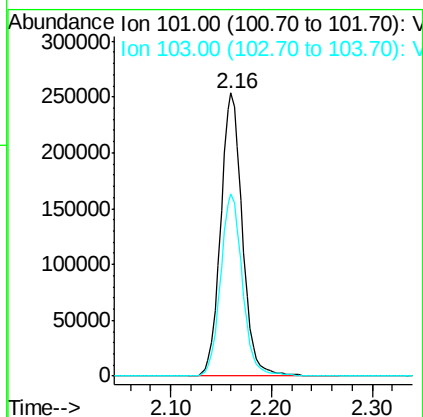
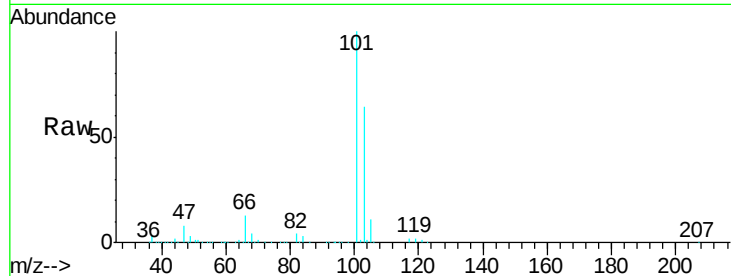
Trichlorofluoromethane
Concen: 9.337 ug/l
RT: 2.16 min Scan# 255
Delta R.T. -0.00 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

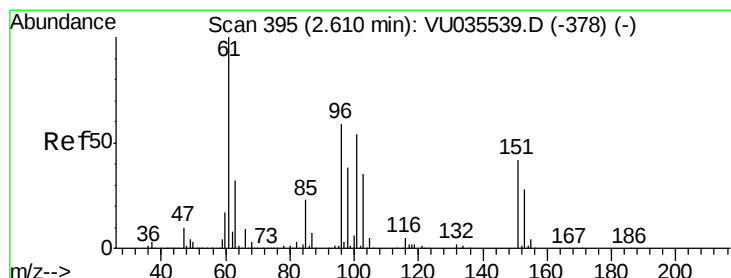
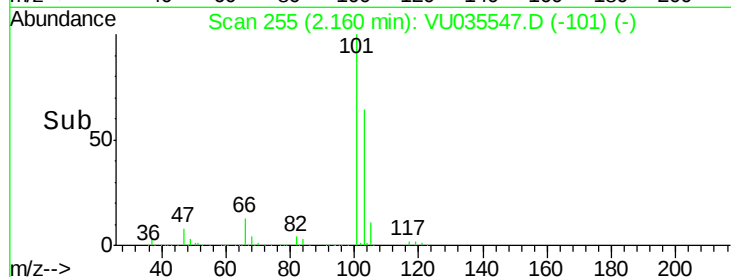
Tgt Ion	Ratio	Resp	Lower	Upper
101	100	381686		
103	64.2	51.0	76.6	

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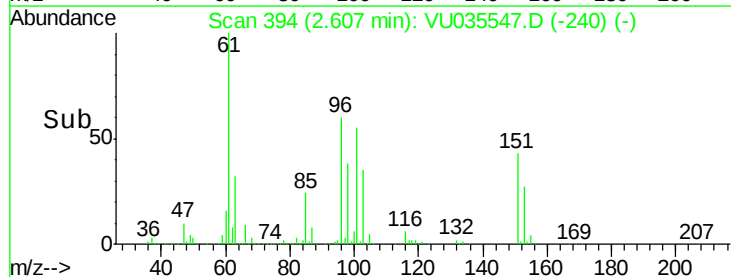
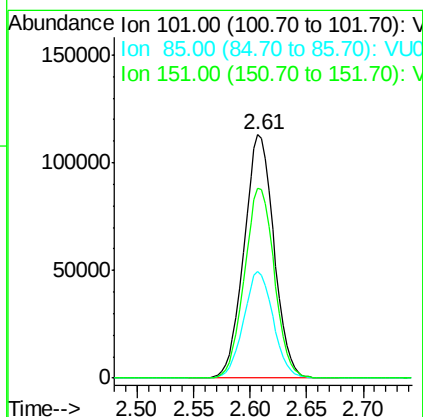
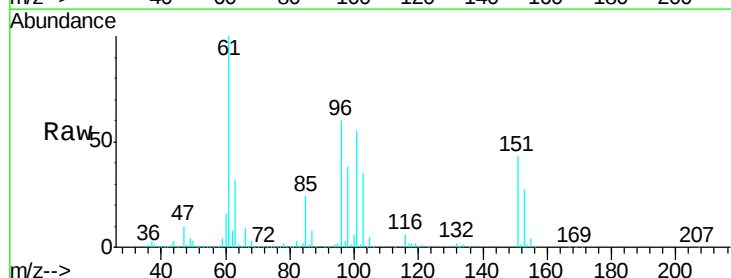
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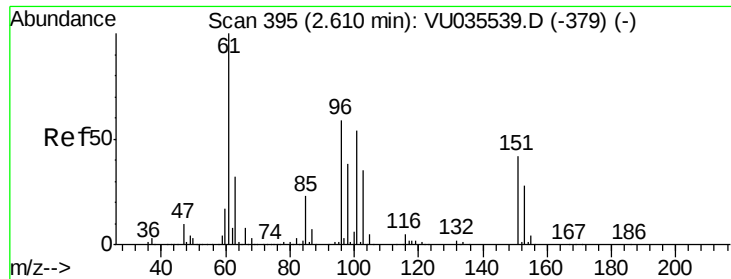


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.387 ug/l
RT: 2.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	207970		
85	43.3	35.8	53.6	
151	78.2	61.8	92.6	





#9

1,1-Dichloroethene

Concen: 9.250 ug/l

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

Instrument :

MSVOA_U

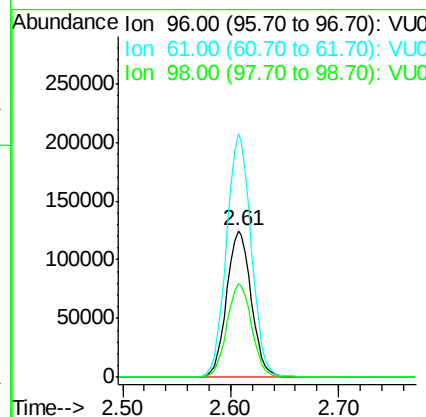
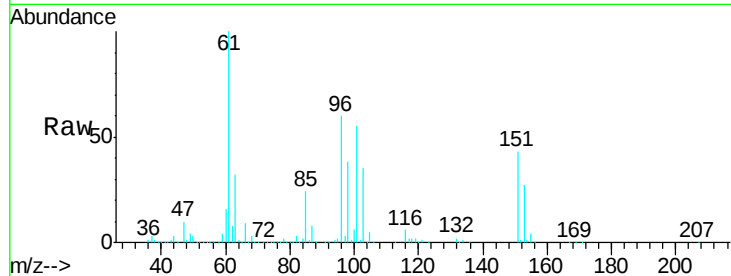
ClientSampleId :

VSTDCCC010EC

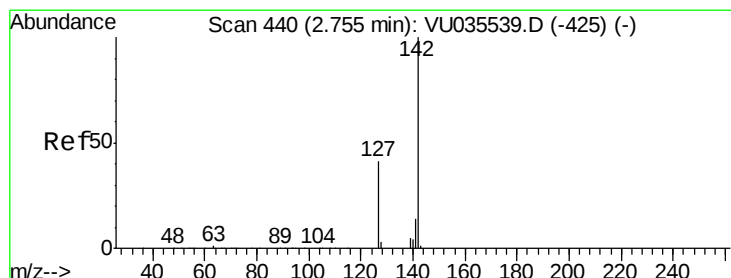
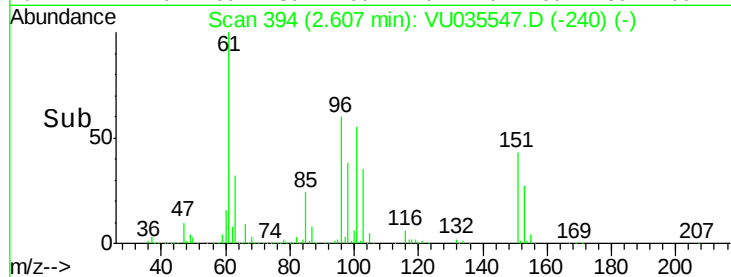
Tgt Ion:	96	Resp:	197749
Ion Ratio	Lower	Upper	
96	100		
61	166.3	0.0	508.8
98	63.8	0.0	130.4

Manual Integrations
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#10

Iodomethane

Concen: 9.642 ug/l

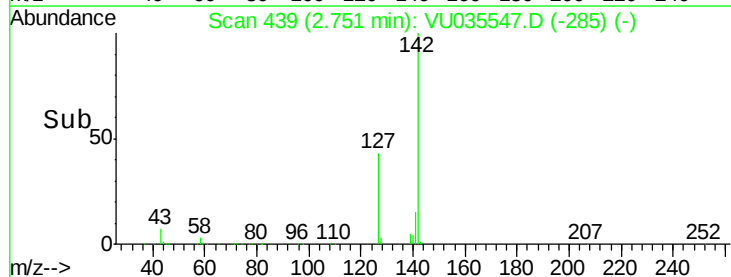
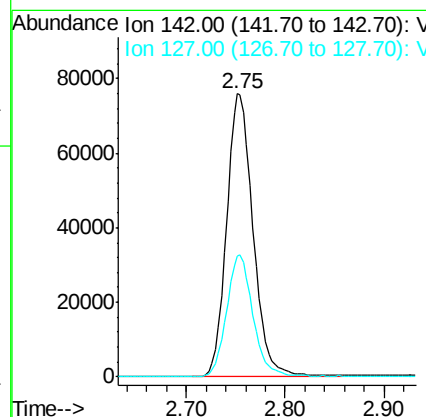
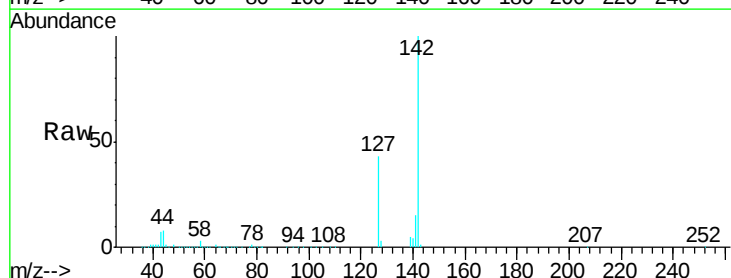
RT: 2.75 min Scan# 439

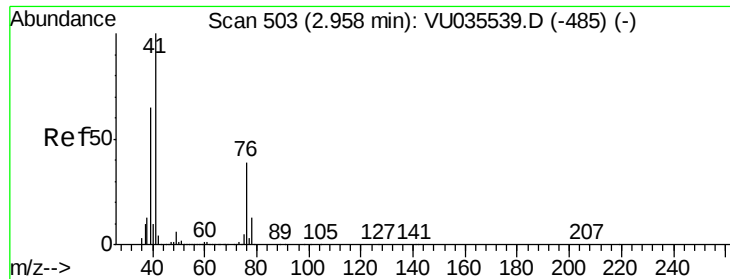
Delta R.T. -0.00 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

Tgt Ion:	142	Resp:	143202
Ion Ratio	Lower	Upper	
142	100		
127	42.5	33.4	50.0





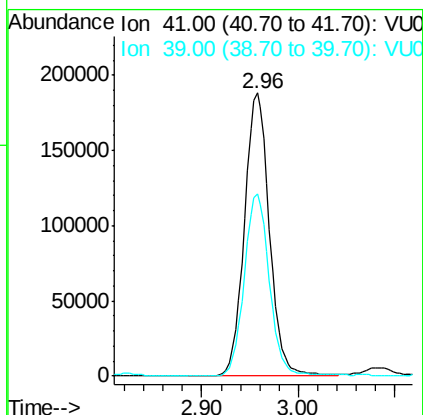
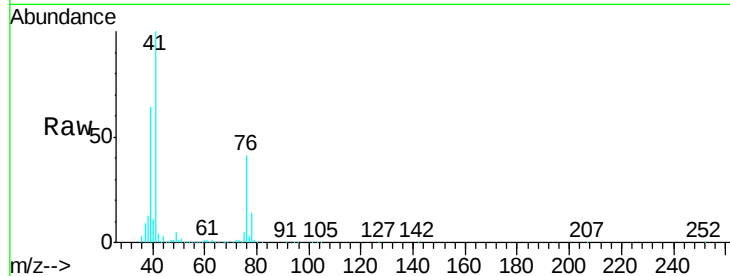
#11
 Allyl Chloride
 Concen: 9.336 ug/l
 RT: 2.96 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: VU035547.D
 Acq: 29 Oct 2019 19:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

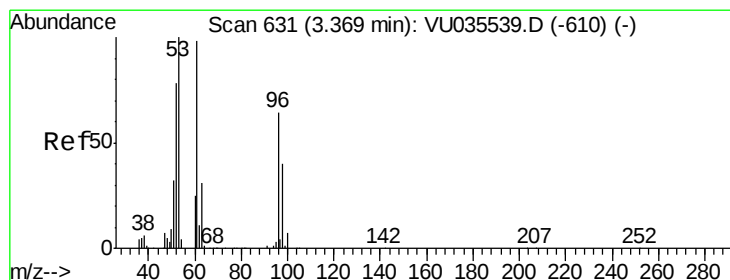
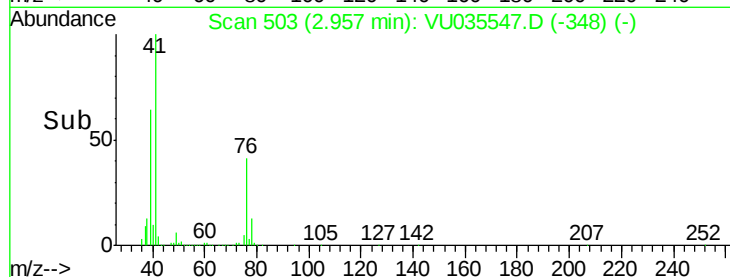
Tgt Ion: 41 Resp: 335346
 Ion Ratio Lower Upper
 41 100
 39 64.7 52.0 78.0

Manual Integrations
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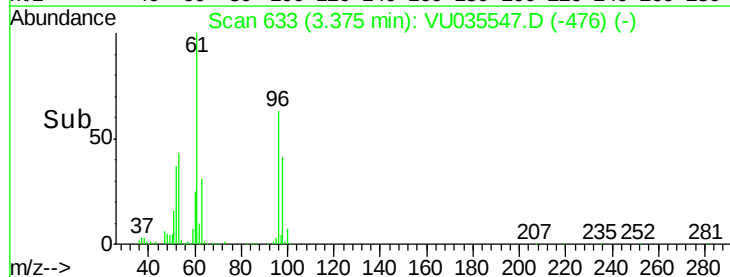
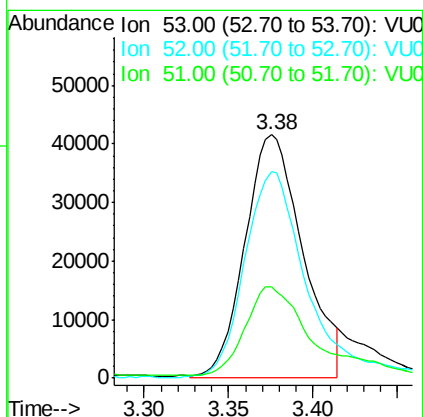
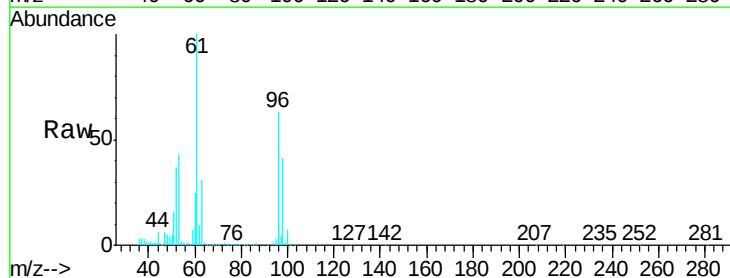


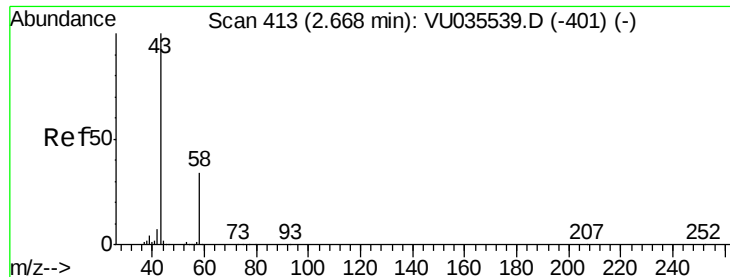
10/30/2019 10:39:30 AM



#12
 Acrylonitrile
 Concen: 18.440 ug/l m
 RT: 3.38 min Scan# 633
 Delta R.T. 0.01 min
 Lab File: VU035547.D
 Acq: 29 Oct 2019 19:48

Tgt Ion: 53 Resp: 98958
 Ion Ratio Lower Upper
 53 100
 52 90.6 67.4 101.0
 51 44.2 27.0 40.4#





#13

Acetone

Concen: 40.456 ug/l

RT: 2.68 min Scan# 417

Delta R.T. 0.01 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 210728

Ion Ratio Lower Upper

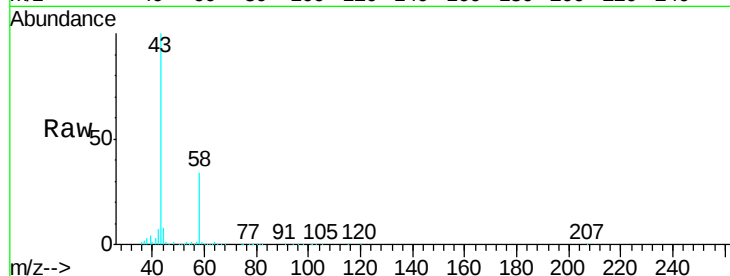
43 100

58 34.0 27.6 41.4

Manual Integrations

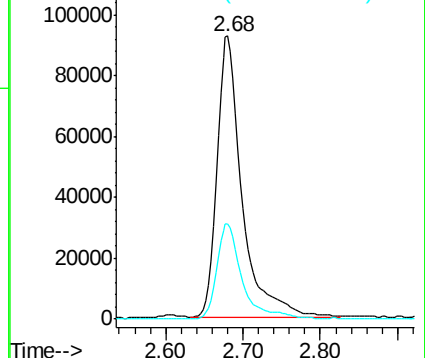
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MMDadoda

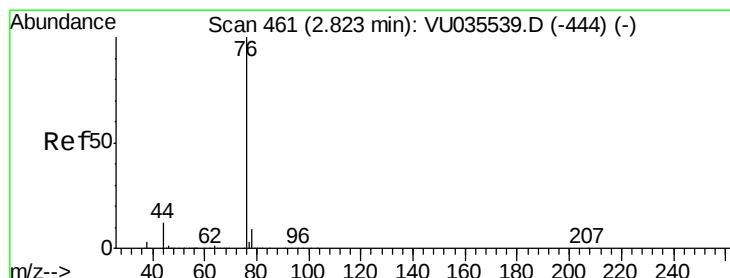
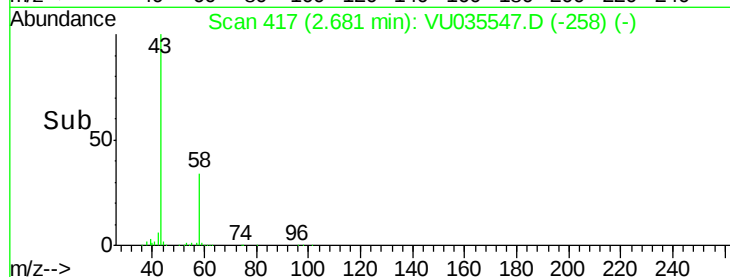


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



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#14

Carbon Disulfide

Concen: 9.207 ug/l

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU035547.D

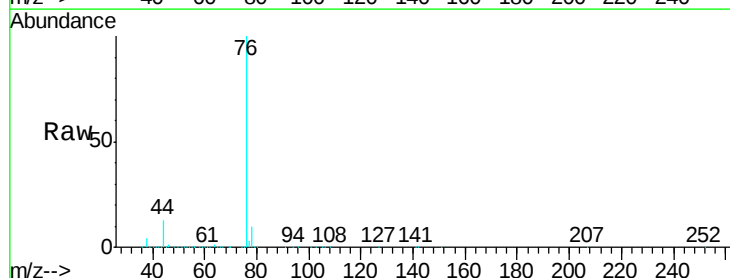
Acq: 29 Oct 2019 19:48

Tgt Ion: 76 Resp: 695979

Ion Ratio Lower Upper

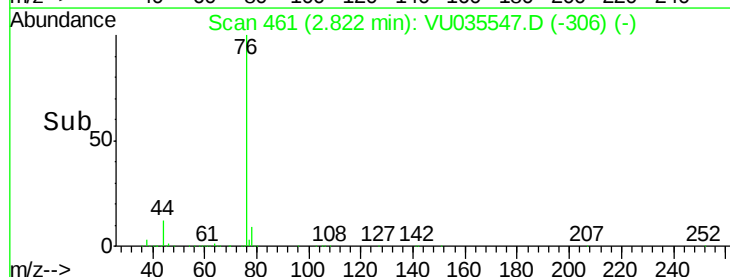
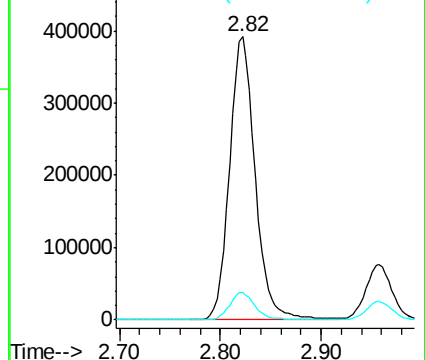
76 100

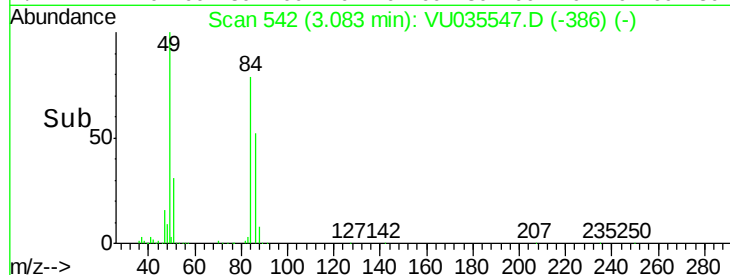
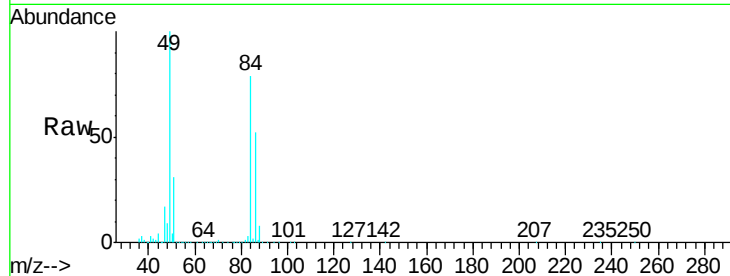
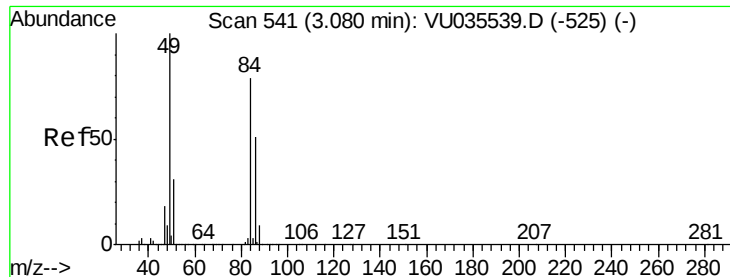
78 9.5 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU0

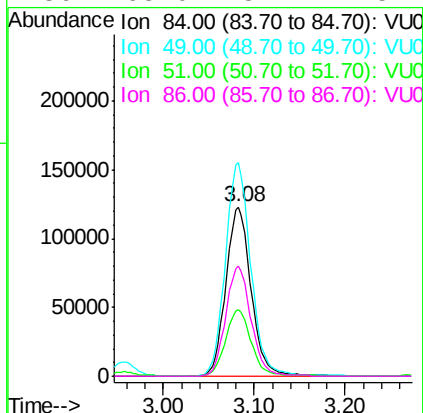
Ion 78.00 (77.70 to 78.70): VU0





#15
Methylene Chloride
Concen: 8.663 ug/l
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.0	101.5	152.3
51	39.5	0.0	78.6
86	65.0	52.2	78.2

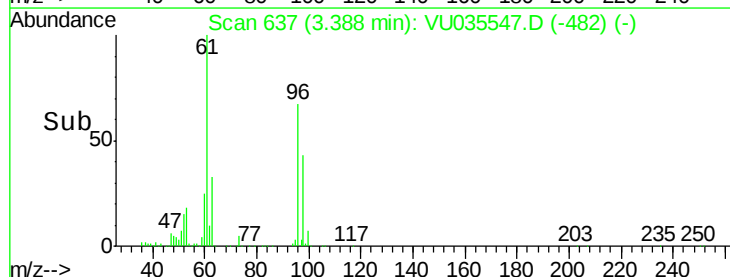
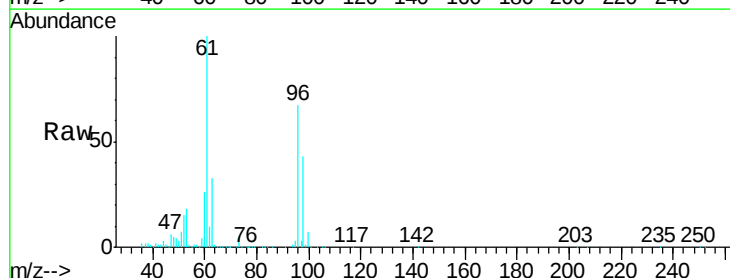
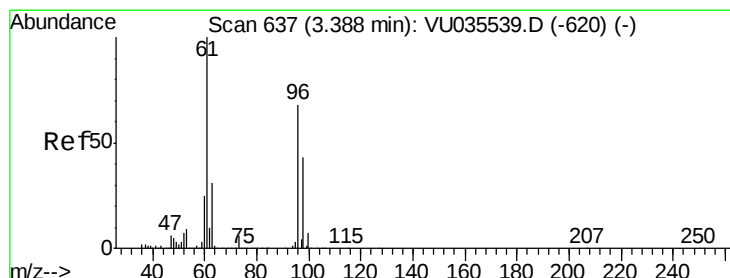


Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Manual Integrations
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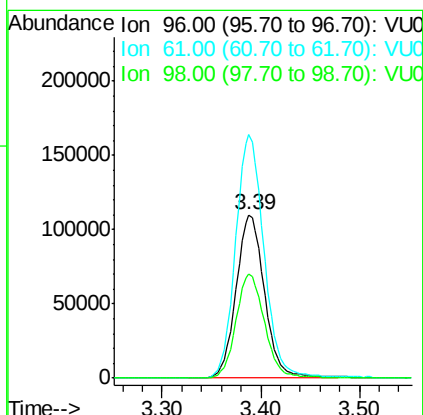
MMDadoda

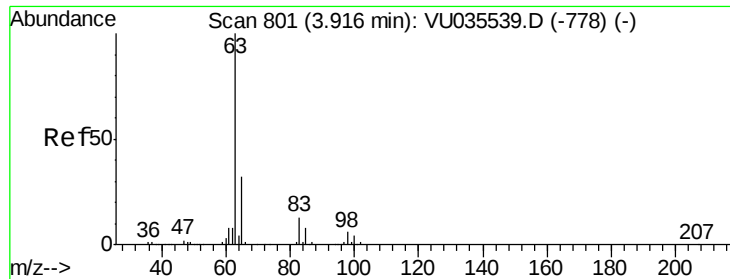
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#16
trans-1,2-Dichloroethene
Concen: 9.373 ug/l
RT: 3.39 min Scan# 637
Delta R.T. -0.00 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.1	117.8	176.8
98	63.8	50.2	75.2





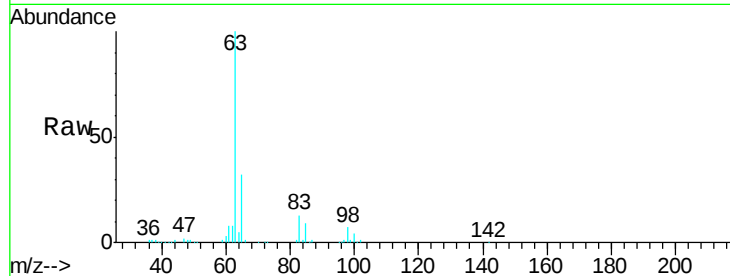
#17
 1,1-Dichloroethane
 Concen: 9.506 ug/l
 RT: 3.92 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VU035547.D
 Acq: 29 Oct 2019 19:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

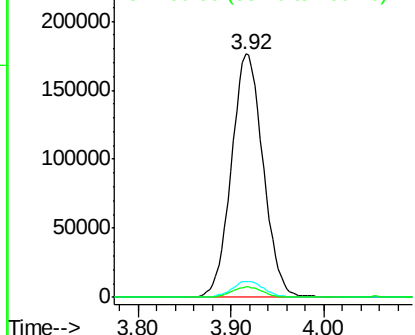
Tgt Ion	Ratio	Resp Lower	Upper
63	100		
98	6.5	3.1	9.3
100	4.2	2.1	6.3

Manual Integrations
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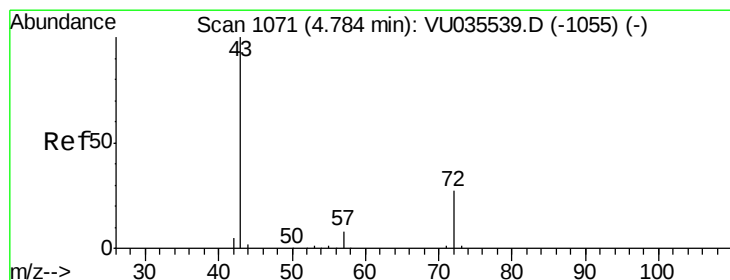
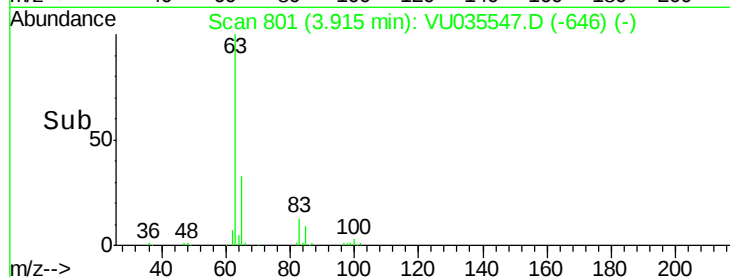
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Abundance Ion 63.00 (62.70 to 63.70): VU035539.D (-778) (-)
 Ion 98.00 (97.70 to 98.70): VU035539.D (-778) (-)
 Ion 100.00 (99.70 to 100.70): VU035539.D (-778) (-)

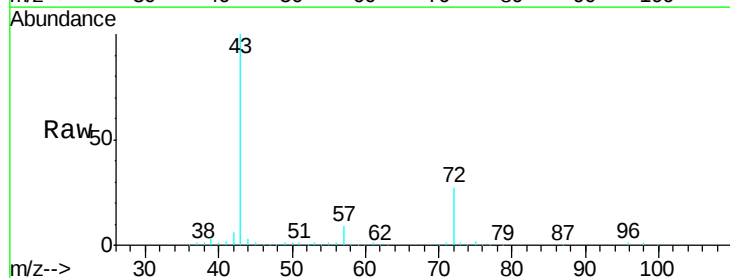


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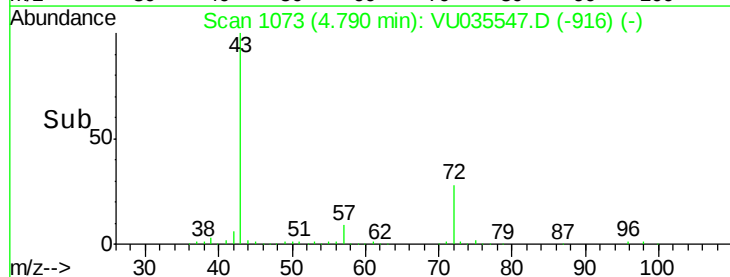
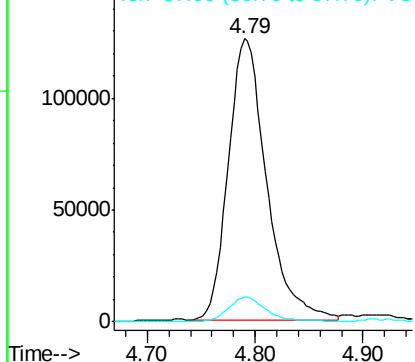


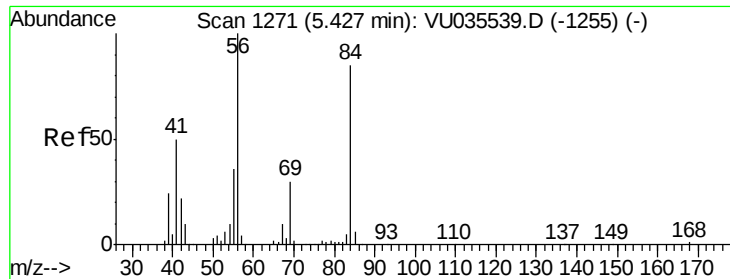
#18
 2-Butanone
 Concen: 45.974 ug/l
 RT: 4.79 min Scan# 1073
 Delta R.T. 0.01 min
 Lab File: VU035547.D
 Acq: 29 Oct 2019 19:48

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.5	0.0	17.0



Abundance Ion 43.00 (42.70 to 43.70): VU035539.D (-1055) (-)
 Ion 57.00 (56.70 to 57.70): VU035539.D (-1055) (-)





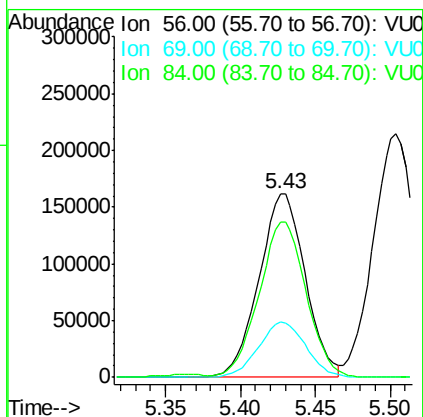
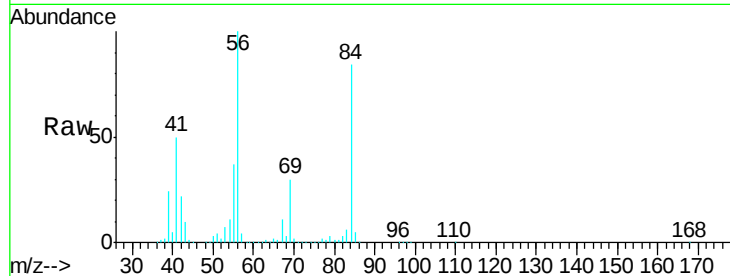
#19
Cyclohexane
Concen: 9.964 ug/l m
RT: 5.43 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

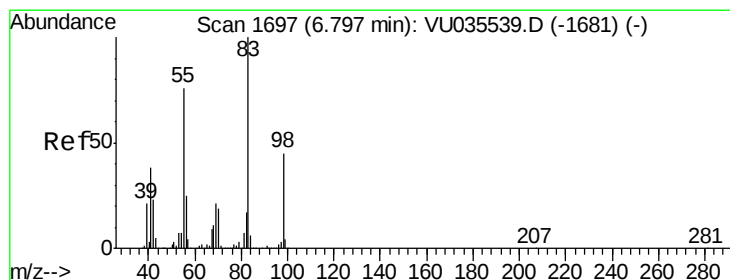
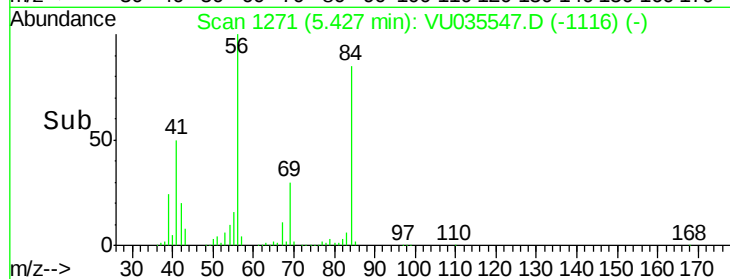
Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.7	26.4	39.6
84	84.3	72.9	109.3

Manual Integrations
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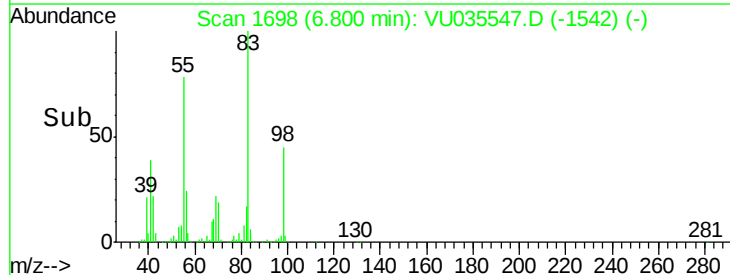
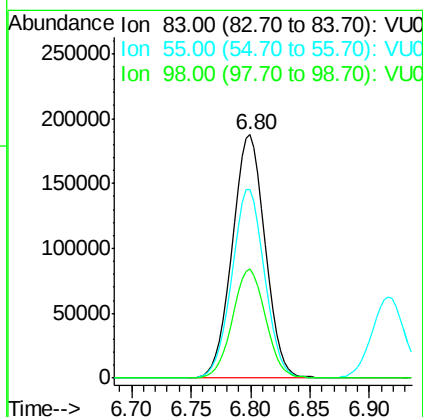
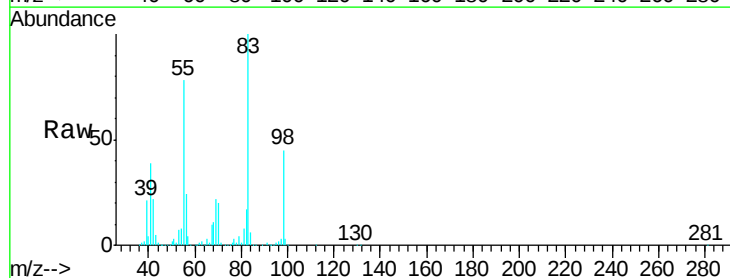


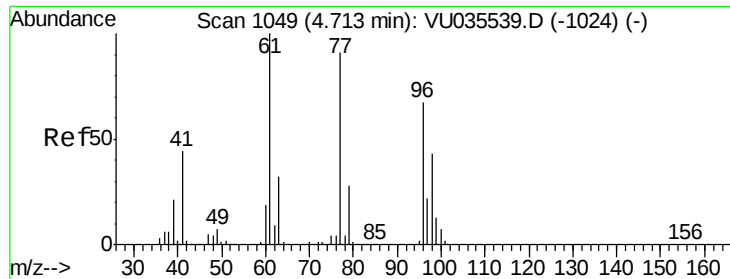
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#20
Methylcyclohexane
Concen: 10.008 ug/l
RT: 6.80 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.4	61.2	91.8
98	45.2	36.7	55.1





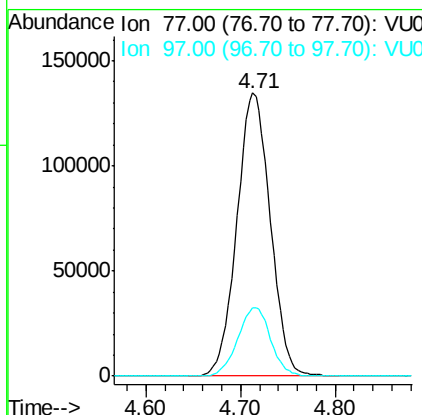
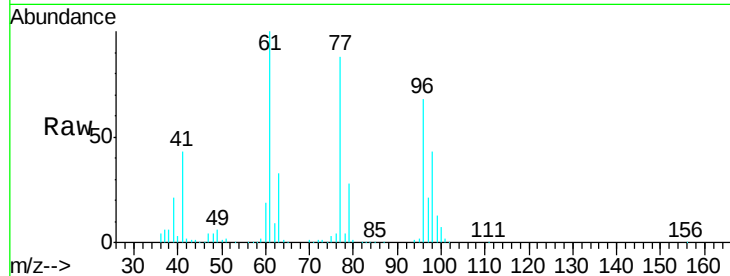
#21
 2,2-Dichloropropane
 Concen: 8.695 ug/l
 RT: 4.71 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VU035547.D
 Acq: 29 Oct 2019 19:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

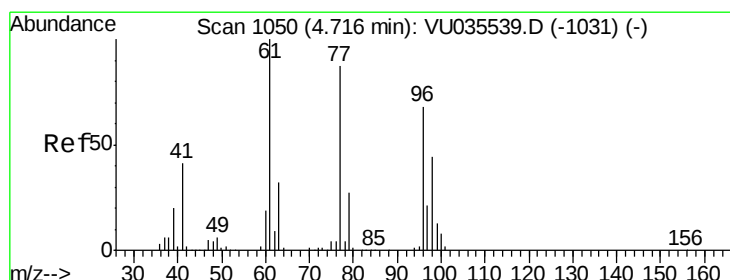
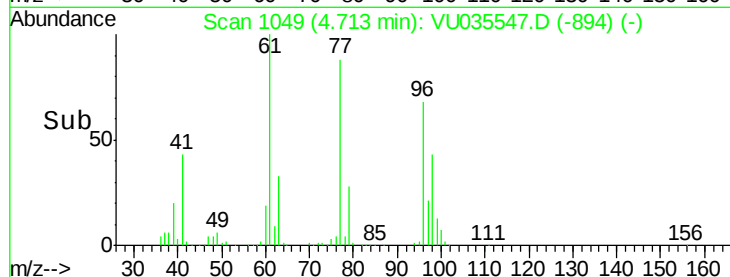
Tgt Ion: 77 Resp: 330503
 Ion Ratio Lower Upper
 77 100
 97 23.9 18.8 28.2

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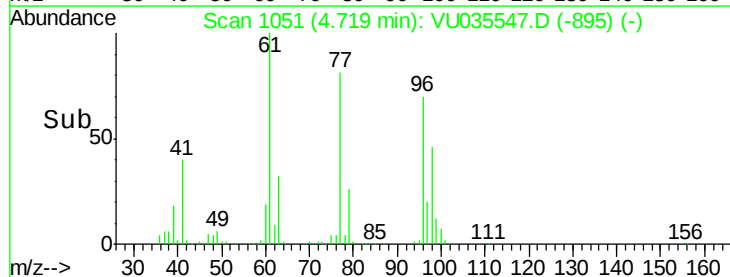
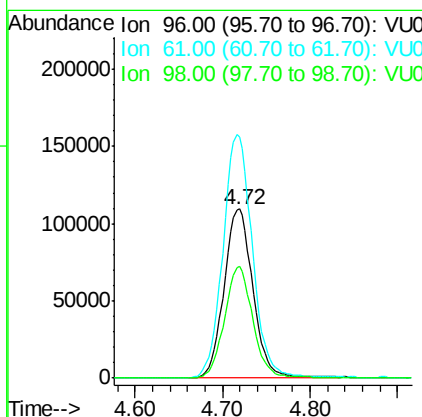
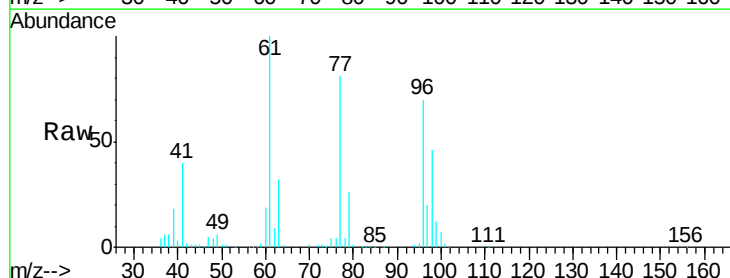


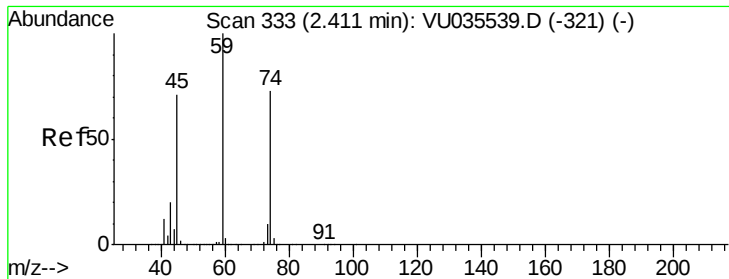
10/30/2019 10:39:30 AM



#22
 cis-1,2-Dichloroethene
 Concen: 9.981 ug/l
 RT: 4.72 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VU035547.D
 Acq: 29 Oct 2019 19:48

Tgt Ion: 96 Resp: 251127
 Ion Ratio Lower Upper
 96 100
 61 146.7 0.0 370.5
 98 64.9 31.8 95.4





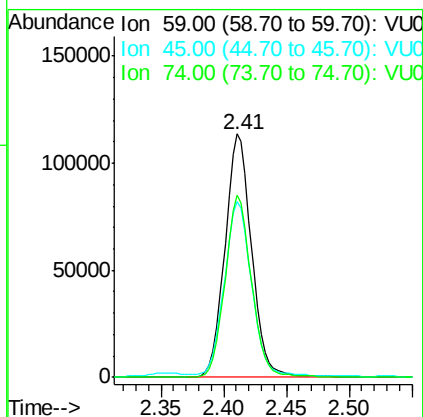
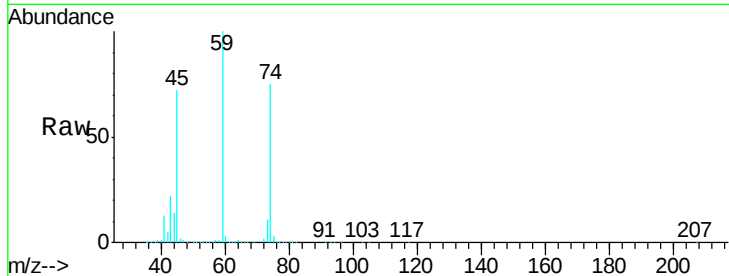
#23
Diethyl Ether
Concen: 9.562 ug/l
RT: 2.41 min Scan# 333
Delta R.T. -0.00 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

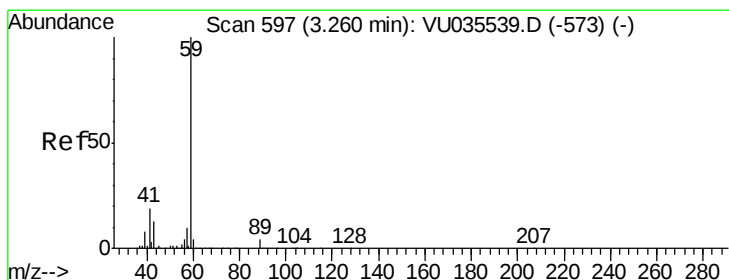
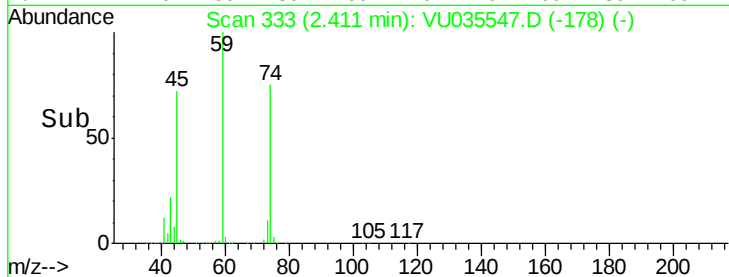
Tgt Ion	Ratio	Lower	Upper
59	100		
45	74.1	56.9	85.3
74	74.1	59.5	89.3

Manual Integrations
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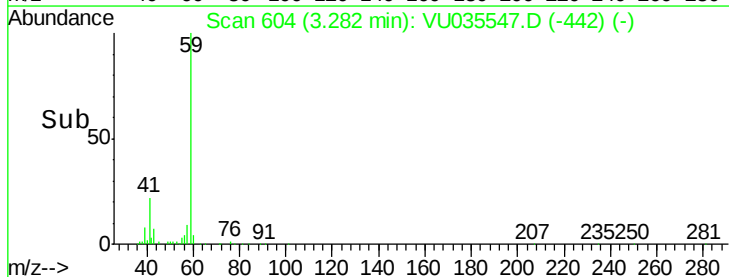
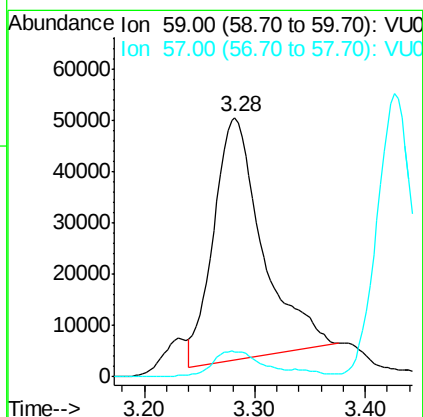
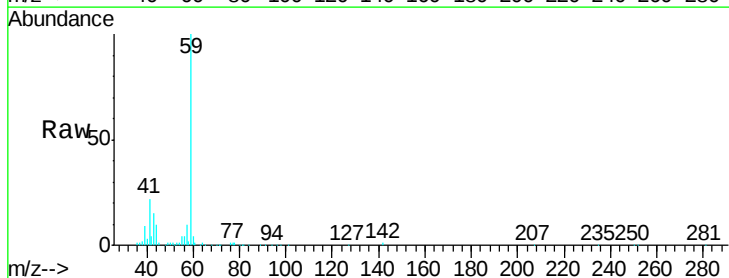


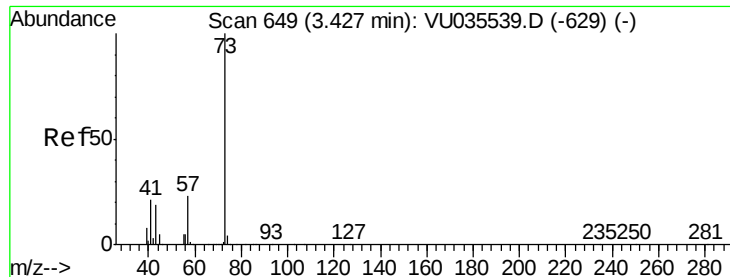
10/30/2019 10:39:30 AM



#24
tert-Butyl Alcohol
Concen: 74.113 ug/l
RT: 3.28 min Scan# 604
Delta R.T. 0.02 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.8	7.4	11.0





#25

Methyl tert-Butyl Ether

Concen: 9.599 ug/l

RT: 3.43 min Scan# 649

Delta R.T. -0.00 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

Tgt Ion: 73 Resp: 550230

Ion Ratio Lower Upper

73 100

43 18.7 15.4 23.2

Instrument :

MSVOA_U

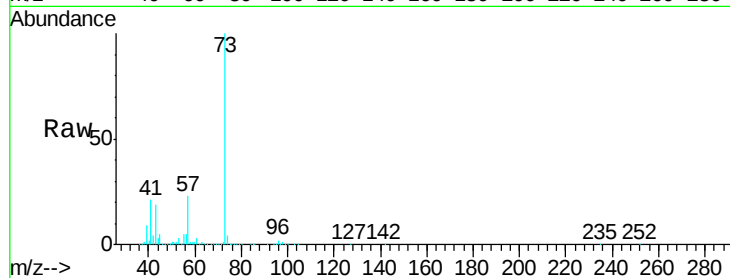
ClientSampleId :

VSTDCCC010EC

Manual Integrations

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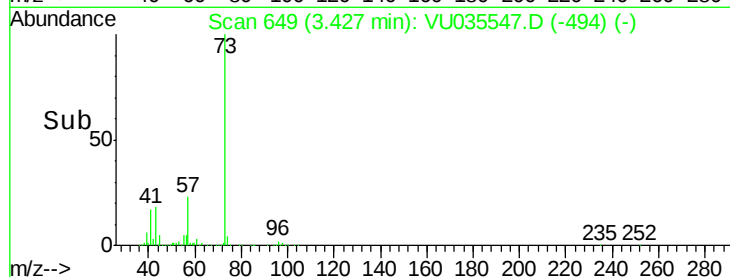
MMDadoda



Abundance Ion 73.00 (72.70 to 73.70): VU035539.D (-629) (-)

Ion 43.00 (42.70 to 43.70): VU035539.D (-629) (-)

Time-->



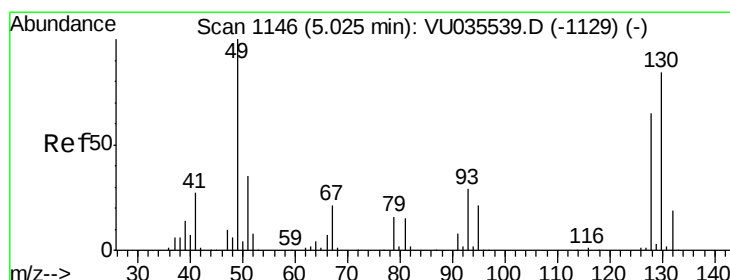
Abundance

Ion 73.00 (72.70 to 73.70): VU035539.D (-629) (-)

Ion 43.00 (42.70 to 43.70): VU035539.D (-629) (-)

Time-->

10/30/2019 10:39:30 AM



#26

Bromochloromethane

Concen: 9.433 ug/l

RT: 5.02 min Scan# 1146

Delta R.T. -0.00 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

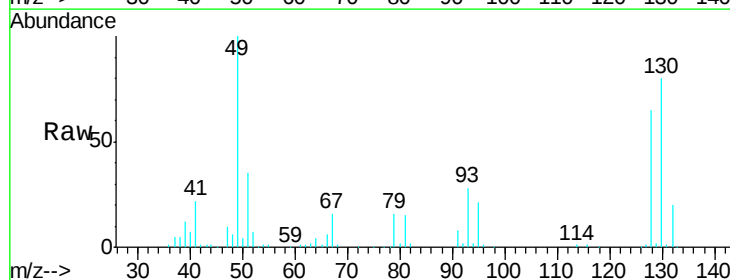
Tgt Ion: 128 Resp: 105986

Ion Ratio Lower Upper

128 100

49 155.7 0.0 309.0

130 127.7 101.8 152.8

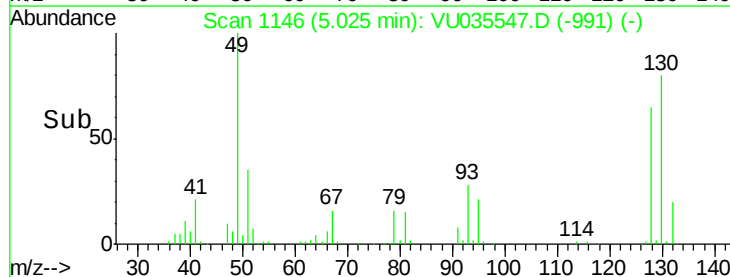


Abundance Ion 128.00 (127.70 to 128.70): VU035539.D (-1129) (-)

Ion 49.00 (48.70 to 49.70): VU035539.D (-1129) (-)

Ion 130.00 (129.70 to 130.70): VU035539.D (-1129) (-)

Time-->



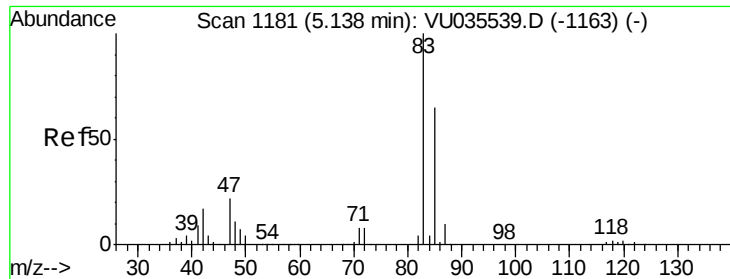
Abundance

Ion 128.00 (127.70 to 128.70): VU035539.D (-1129) (-)

Ion 49.00 (48.70 to 49.70): VU035539.D (-1129) (-)

Ion 130.00 (129.70 to 130.70): VU035539.D (-1129) (-)

Time-->



#27
Chloroform
Concen: 8.955 ug/l
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

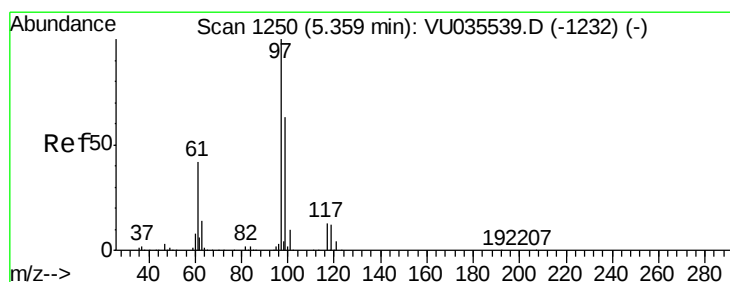
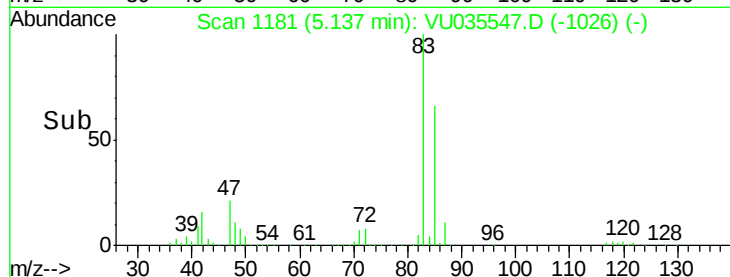
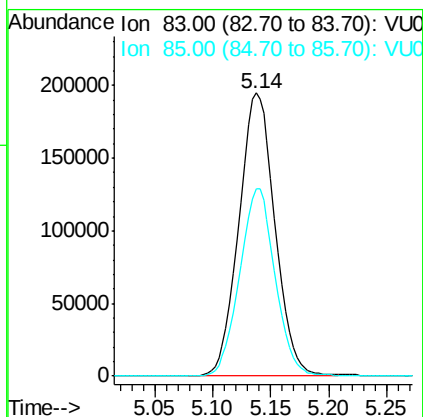
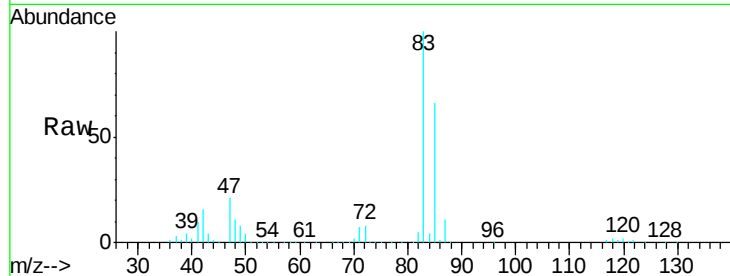
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	421359		
85	66.2	0.0	130.6	

Manual Integrations
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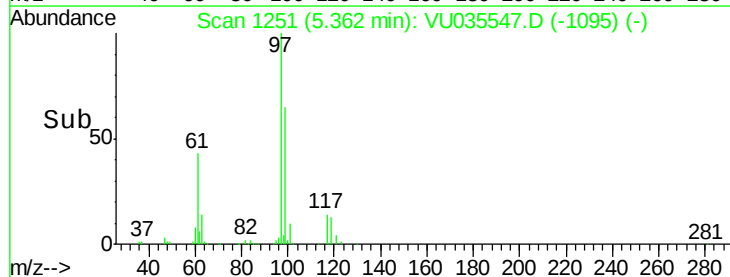
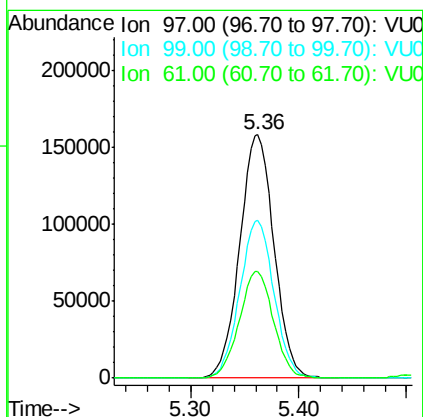
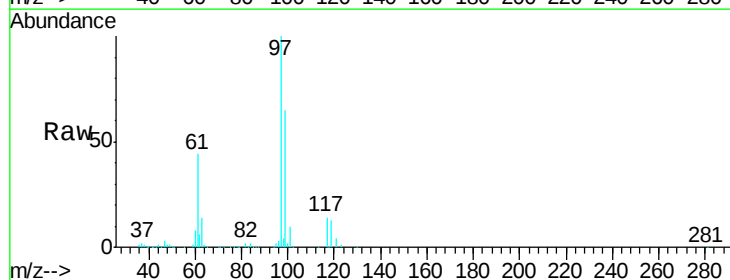
MM Dadoda

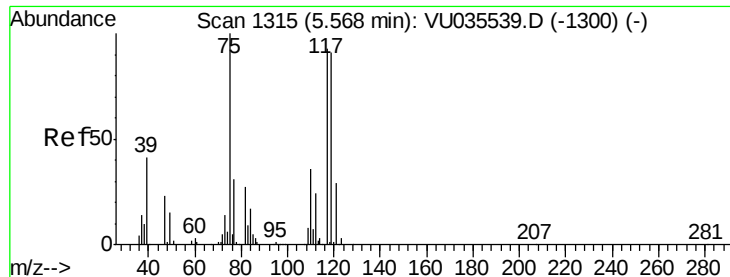
10/30/2019 10:39:30 AM



#28
1,1,1-Trichloroethane
Concen: 9.401 ug/l
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	350480		
99	64.8	32.6	97.7	
61	43.4	21.8	65.4	





#29

1,1-Dichloropropene

Concen: 10.049 ug/l

RT: 5.57 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

Instrument :

MSVOA_U

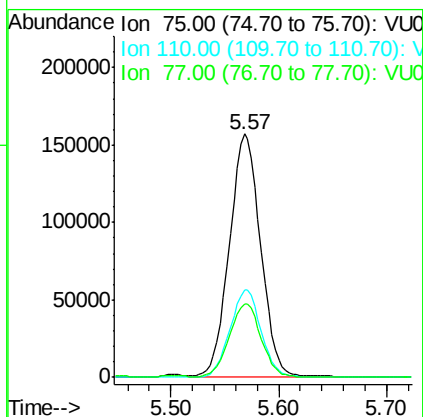
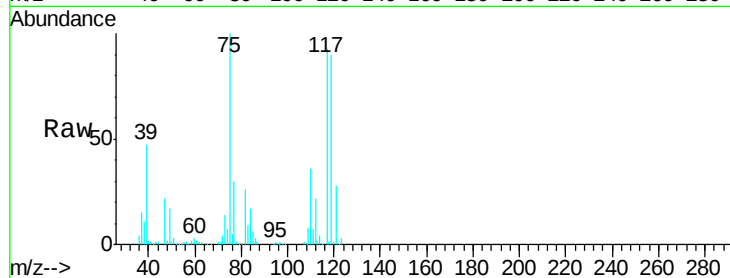
ClientSampleId :

VSTDCCC010EC

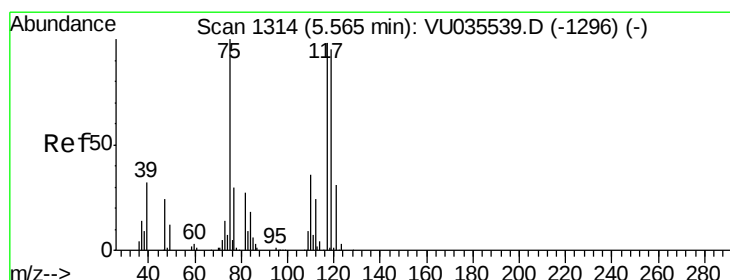
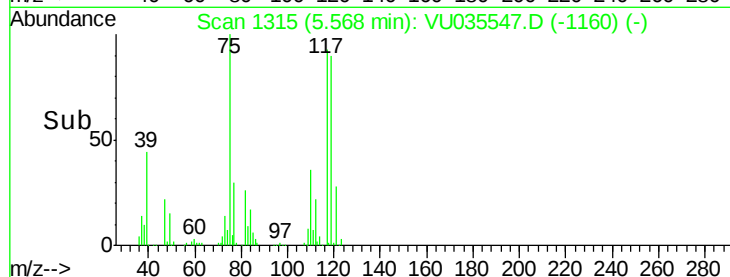
Tgt Ion:	75	Resp:	314168
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.3	54.8
77	30.5	24.6	37.0

Manual Integrations
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#30

Carbon Tetrachloride

Concen: 9.608 ug/l

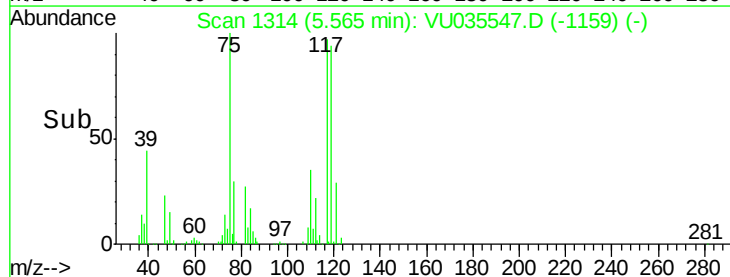
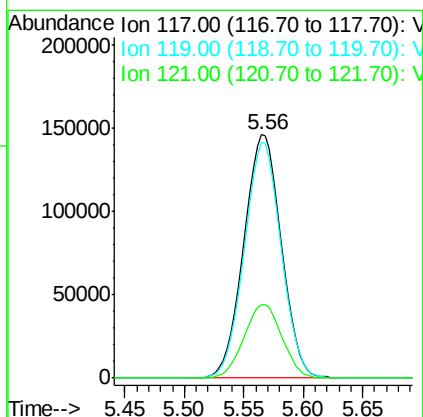
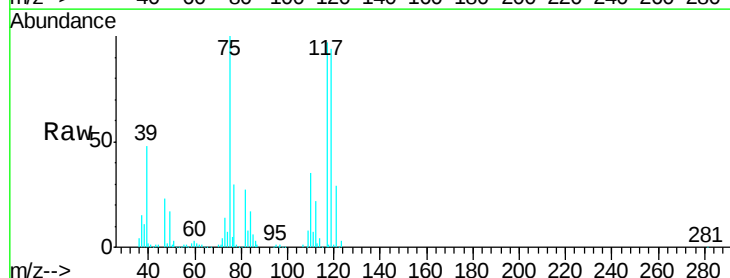
RT: 5.56 min Scan# 1314

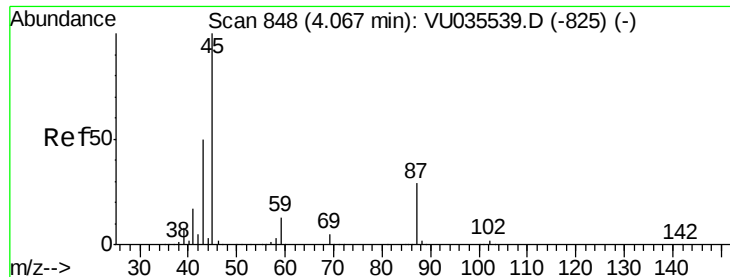
Delta R.T. -0.00 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

Tgt Ion:	117	Resp:	318608
Ion Ratio	Lower	Upper	
117	100		
119	96.7	77.3	115.9
121	30.3	25.2	37.8





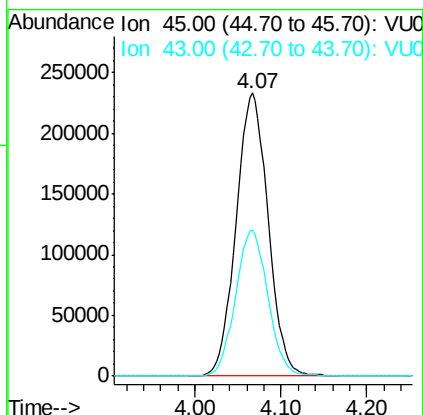
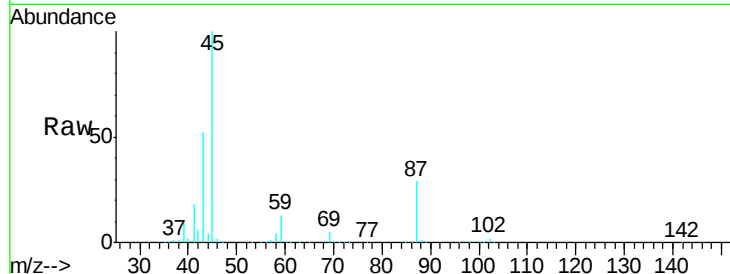
#31
Isopropyl Ether
Concen: 9.823 ug/l
RT: 4.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

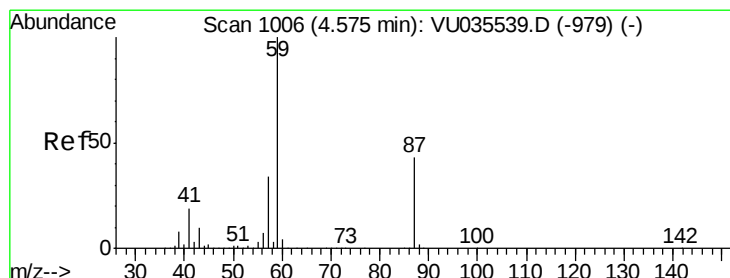
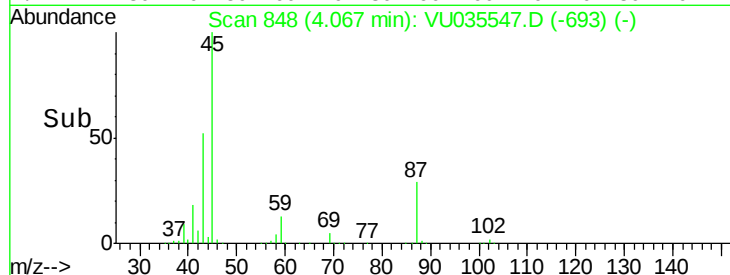
Tgt Ion: 45 Resp: 604158
Ion Ratio Lower Upper
45 100
43 51.9 25.3 75.8

Manual Integrations
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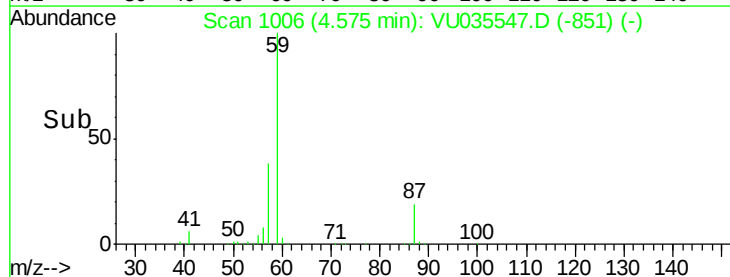
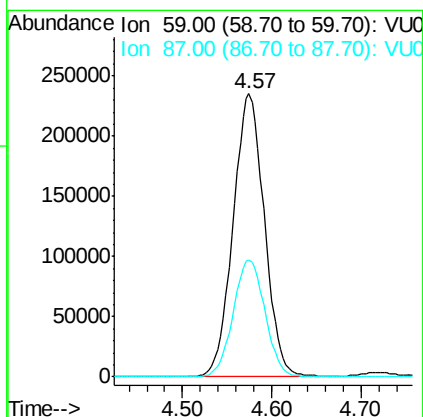
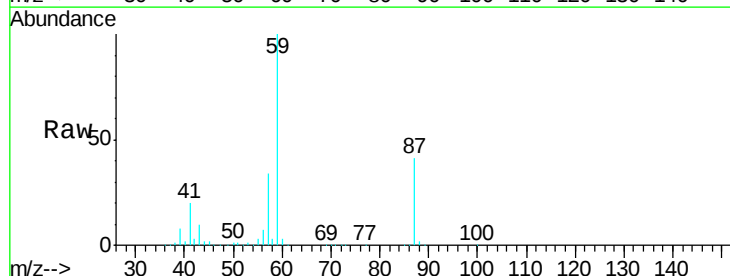


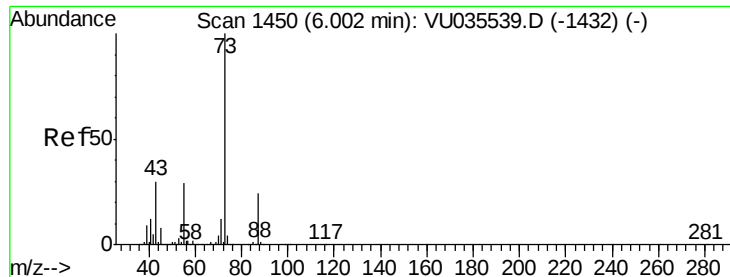
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#32
Ethyl-t-butyl ether
Concen: 9.992 ug/l
RT: 4.57 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Tgt Ion: 59 Resp: 569005
Ion Ratio Lower Upper
59 100
87 42.0 33.9 50.9





#33

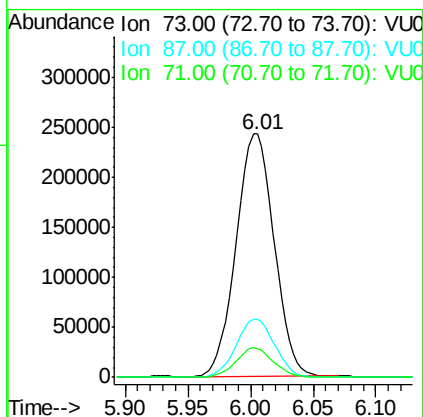
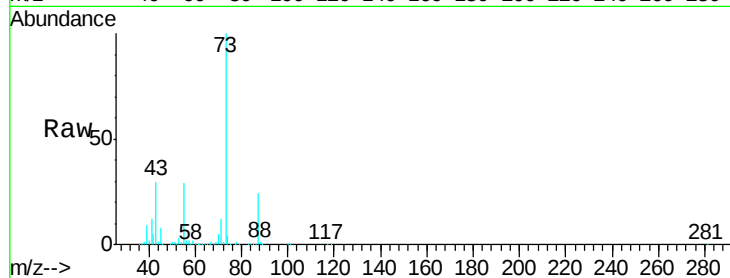
Tert-Amyl methyl ether
Concen: 10.412 ug/l
RT: 6.01 min Scan# 1451
Delta R.T. 0.00 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

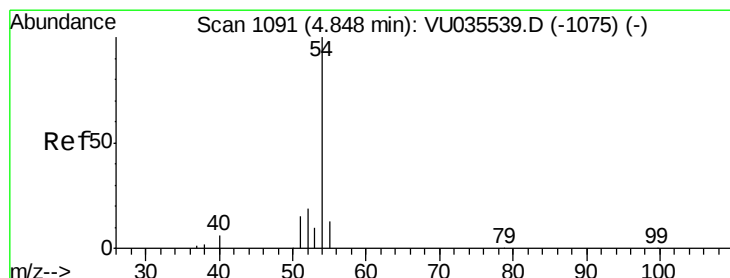
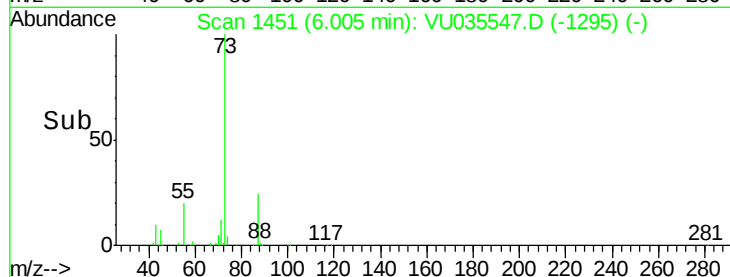
Tgt Ion	Ratio	Lower	Upper
73	100		
87	24.2	19.5	29.3
71	11.9	9.4	14.2

Manual Integrations
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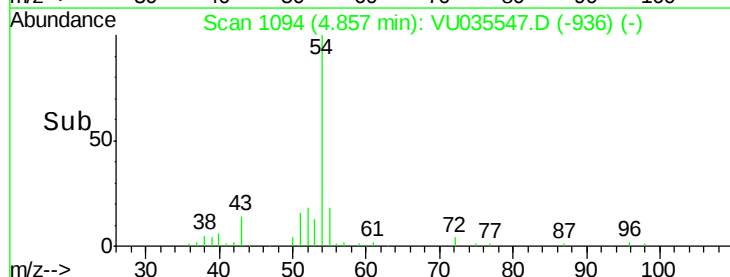
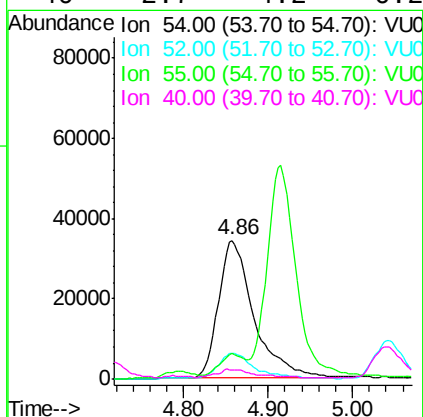
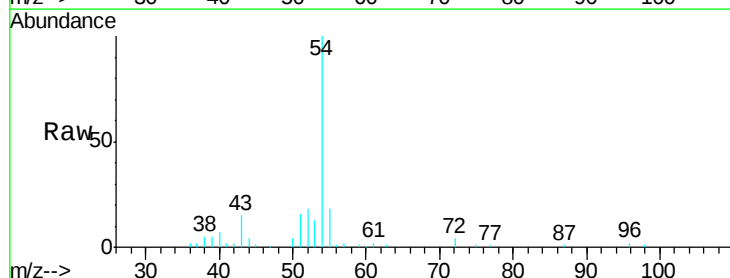
10/30/2019 10:39:30 AM

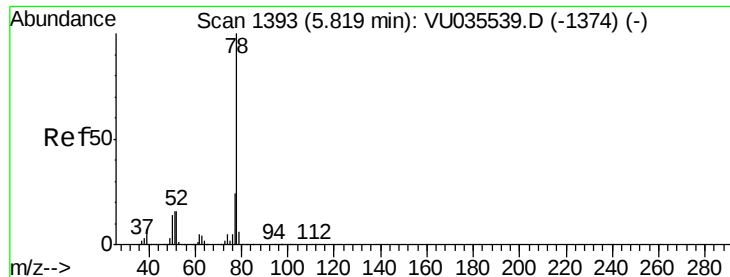


#34

Propionitrile
Concen: 50.737 ug/l
RT: 4.86 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Tgt Ion	Ratio	Lower	Upper
54	100		
52	18.3	14.6	21.8
55	11.7	11.7	17.5
40	2.7	4.2	6.2#





#35

Benzene

Concen: 9.633 ug/l

RT: 5.82 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 78 Resp: 918895

Ion Ratio Lower Upper

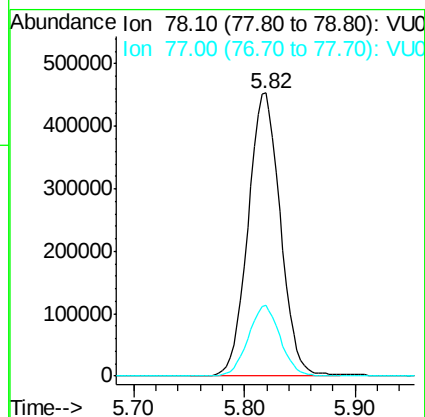
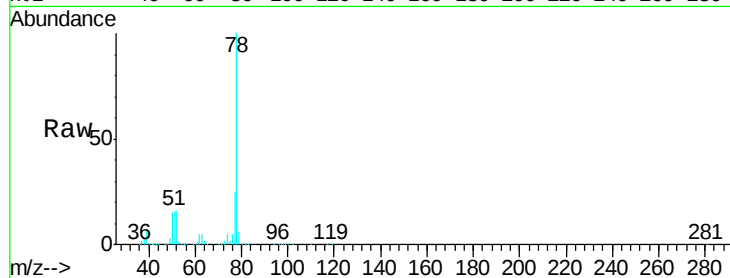
78 100

77 24.7 19.0 28.4

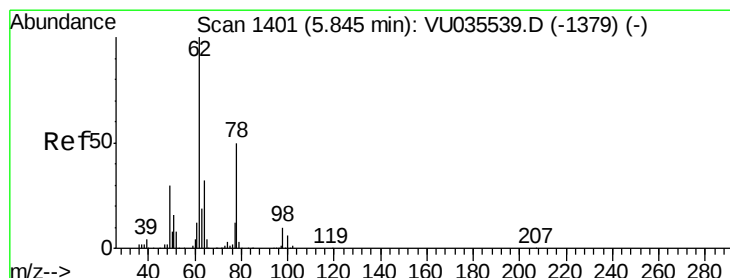
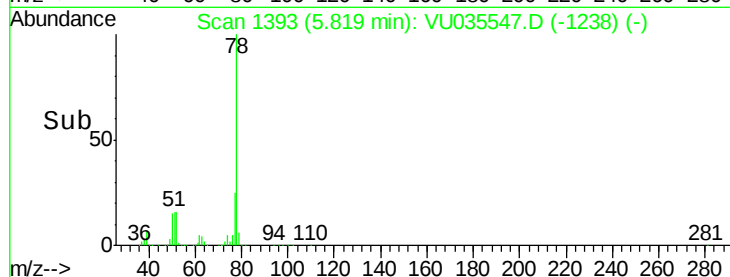
Manual Integrations

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#36

1,2-Dichloroethane

Concen: 9.569 ug/l

RT: 5.84 min Scan# 1401

Delta R.T. -0.00 min

Lab File: VU035547.D

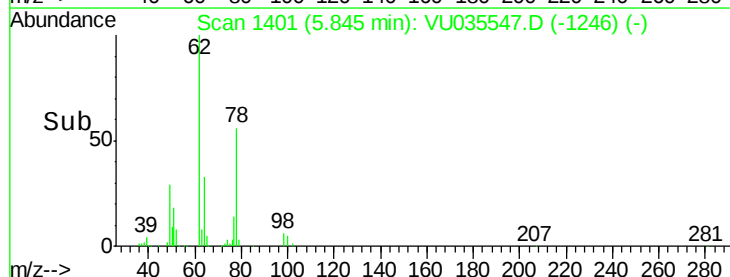
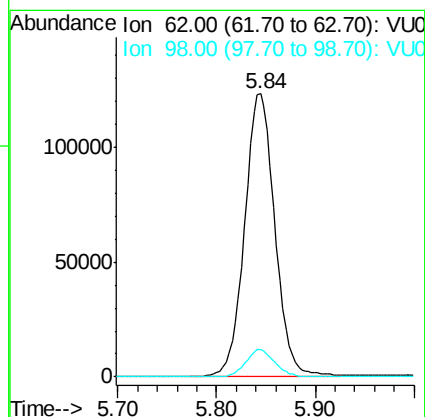
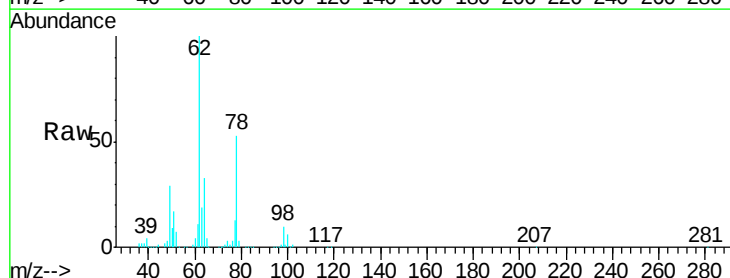
Acq: 29 Oct 2019 19:48

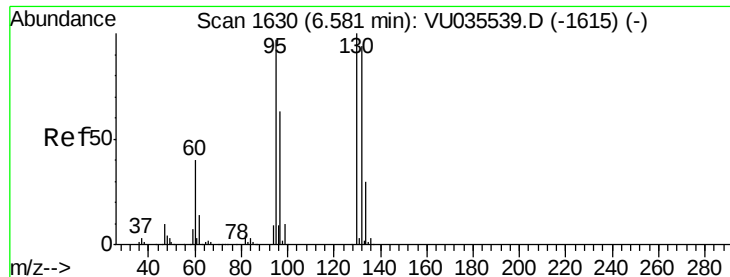
Tgt Ion: 62 Resp: 261537

Ion Ratio Lower Upper

62 100

98 9.3 7.5 11.3





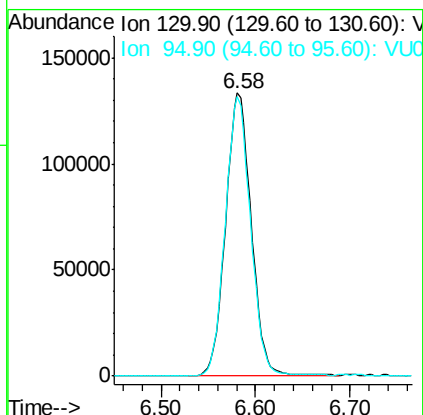
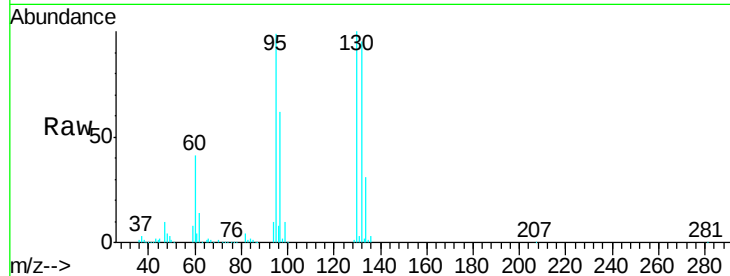
#37
 Trichloroethene
 Concen: 9.497 ug/l
 RT: 6.58 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VU035547.D
 Acq: 29 Oct 2019 19:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

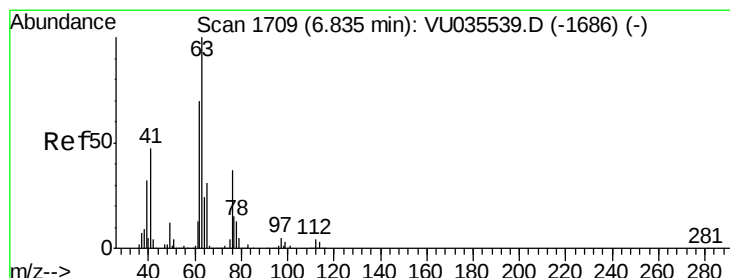
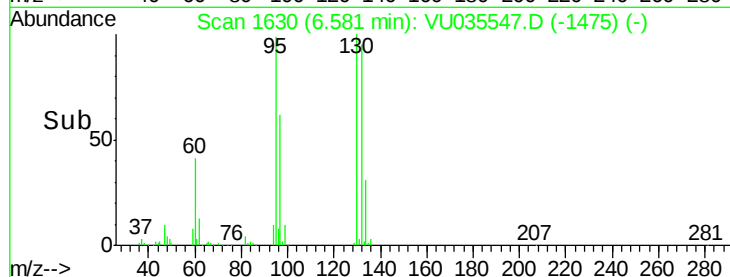
Tgt Ion: 130 Resp: 251662
 Ion Ratio Lower Upper
 130 100
 95 98.8 77.5 116.3

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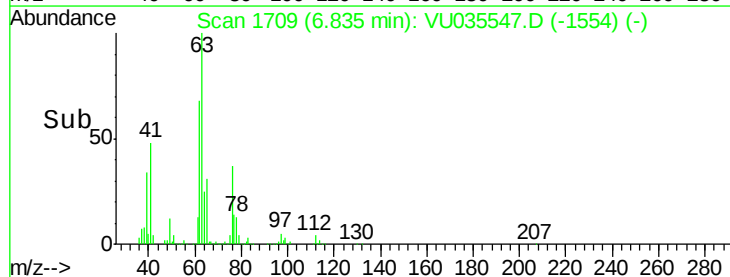
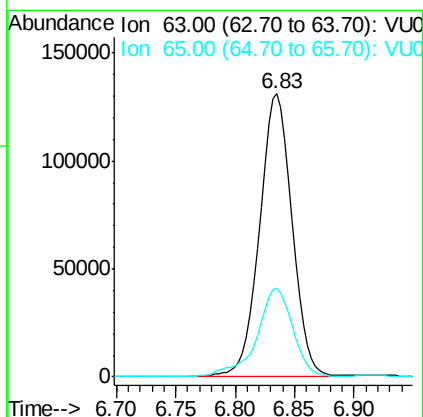
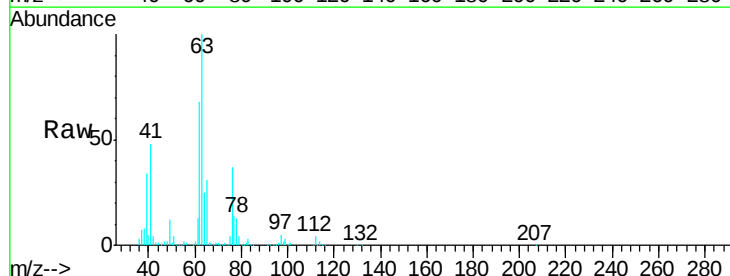


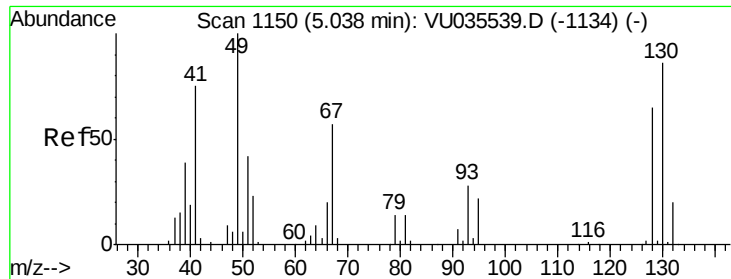
10/30/2019 10:39:30 AM



#38
 1,2-Dichloropropane
 Concen: 9.506 ug/l
 RT: 6.83 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: VU035547.D
 Acq: 29 Oct 2019 19:48

Tgt Ion: 63 Resp: 248674
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.6





#39
Methacrylonitrile
Concen: 10.340 ug/l
RT: 5.04 min Scan# 1152
Delta R.T. 0.01 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

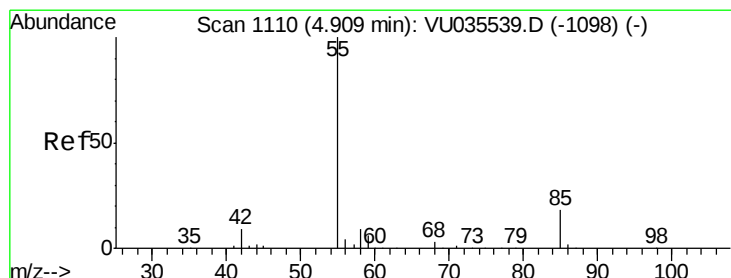
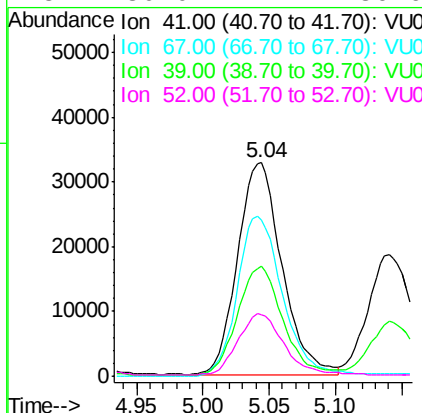
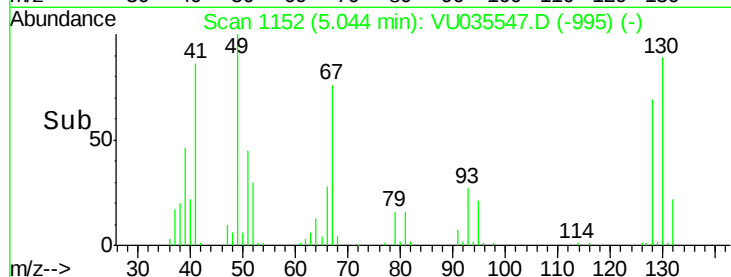
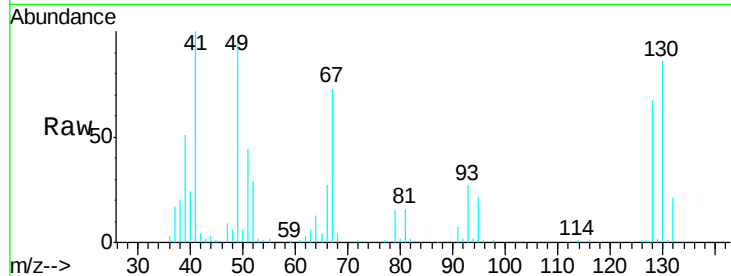
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion	Ratio	Lower	Upper
41	100		
67	78.4	61.5	92.3
39	52.4	41.3	61.9
52	30.0	24.4	36.6

Manual Integrations
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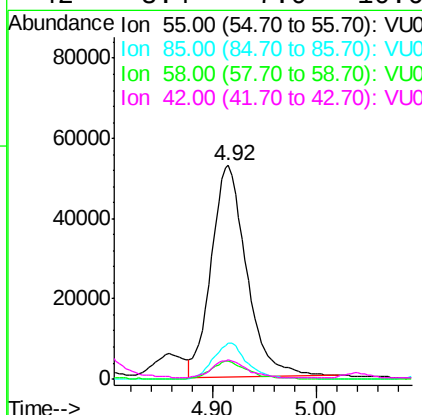
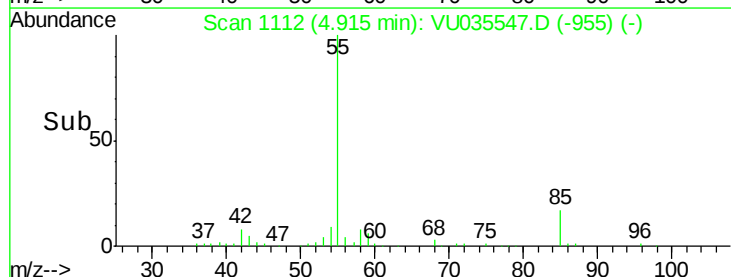
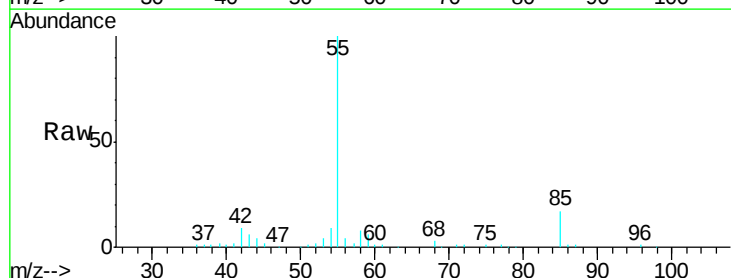
MMDadoda

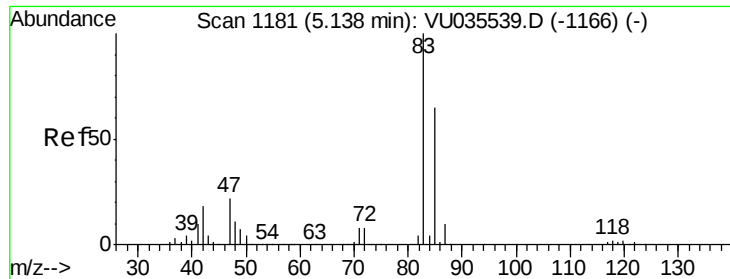
10/30/2019 10:39:30 AM



#40
Methyl acrylate
Concen: 11.186 ug/l
RT: 4.92 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Tgt Ion	Ratio	Lower	Upper
55	100		
85	16.3	13.5	20.3
58	8.7	6.6	10.0
42	8.4	7.0	10.6





#41

Tetrahydrofuran

Concen: 19.969 ug/l

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

Instrument :

MSVOA_U

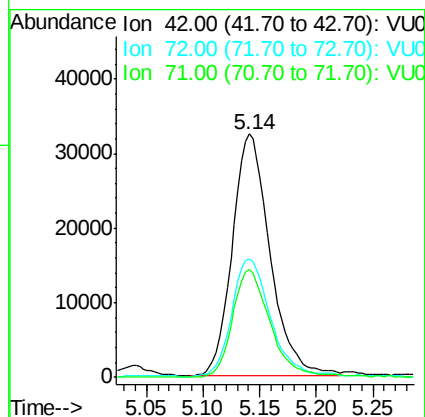
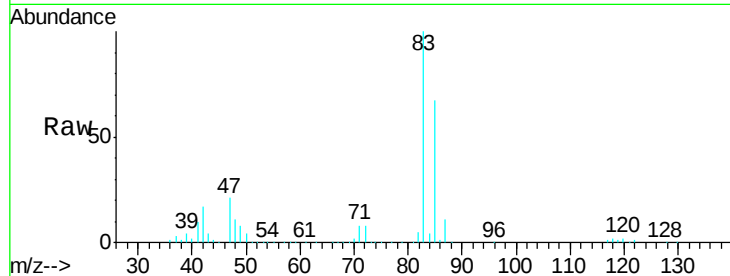
ClientSampleId :

VSTDCCC010EC

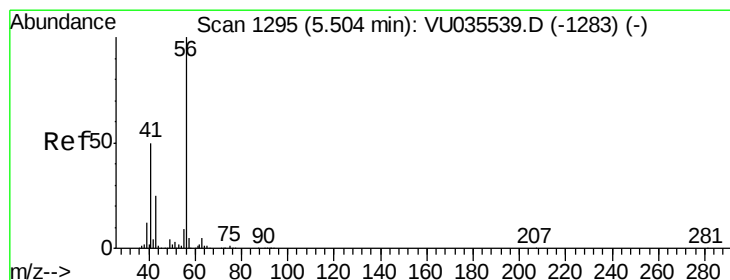
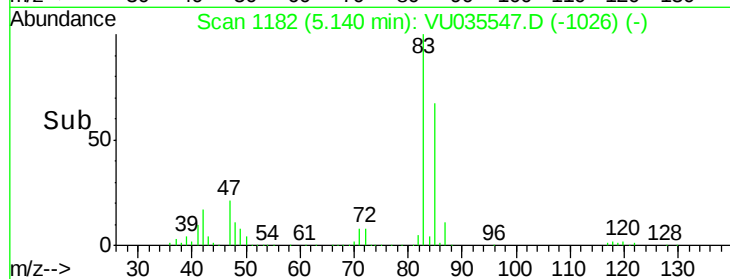
Tgt Ion:	42	Resp:	75371
Ion Ratio	Lower	Upper	
42	100		
72	50.4	89.9	134.9#
71	43.9	3.7	5.5#

Manual Integrations
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#42

1-Chlorobutane

Concen: 10.136 ug/l

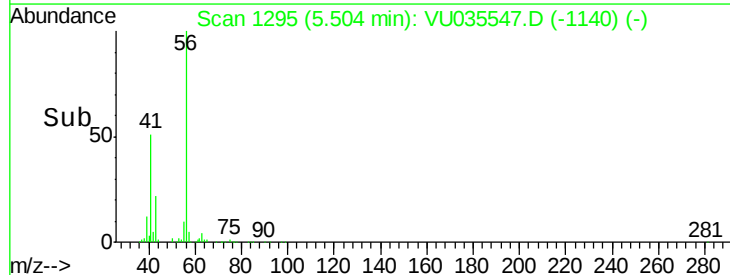
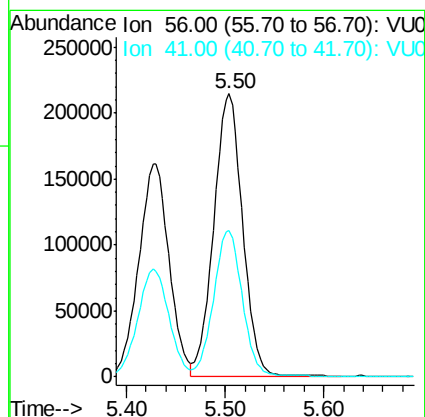
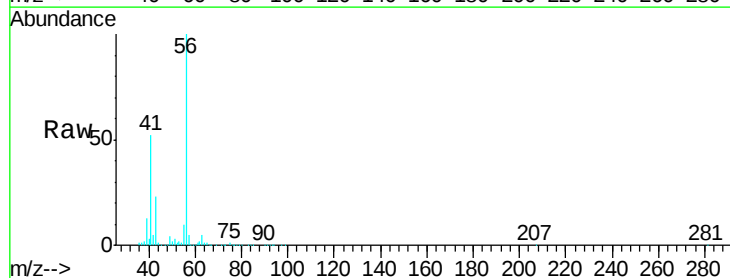
RT: 5.50 min Scan# 1295

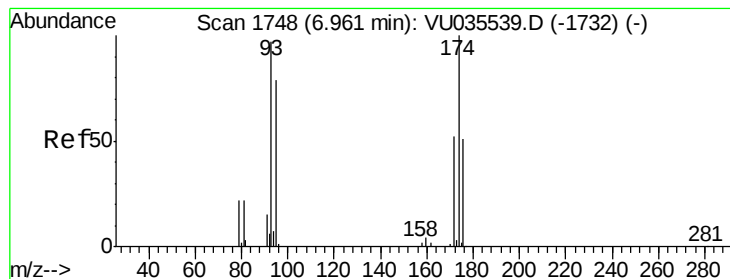
Delta R.T. -0.00 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

Tgt Ion:	56	Resp:	435988
Ion Ratio	Lower	Upper	
56	100		
41	51.5	25.5	76.5





#43

Dibromomethane

Concen: 9.646 ug/l

RT: 6.96 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 93 Resp: 126041

Ion Ratio Lower Upper

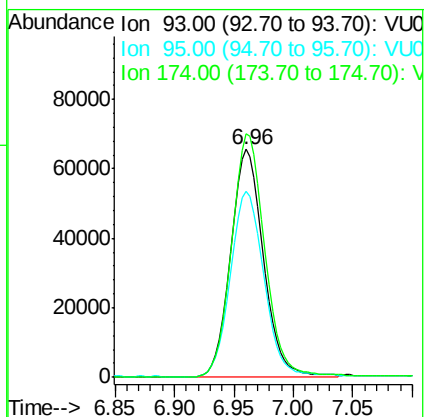
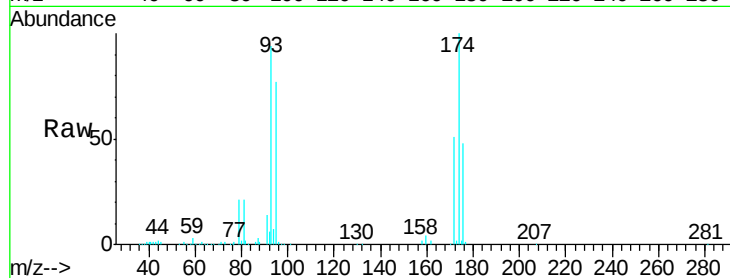
93 100

95 82.9 65.1 97.7

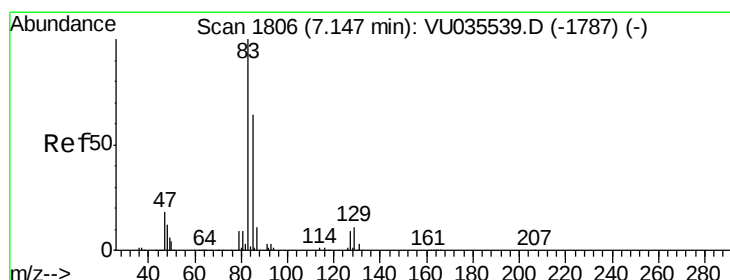
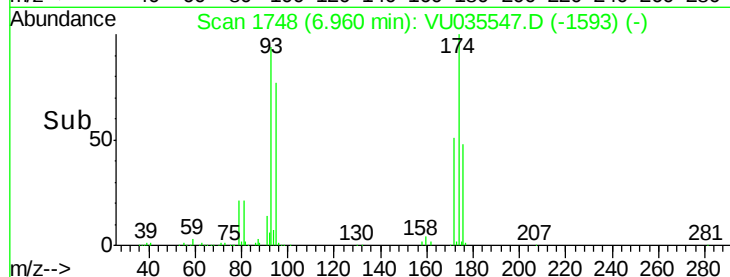
174 108.4 84.2 126.4

Manual Integrations
APPROVED

MM Dadoda



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#44

Bromodichloromethane

Concen: 9.473 ug/l

RT: 7.15 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

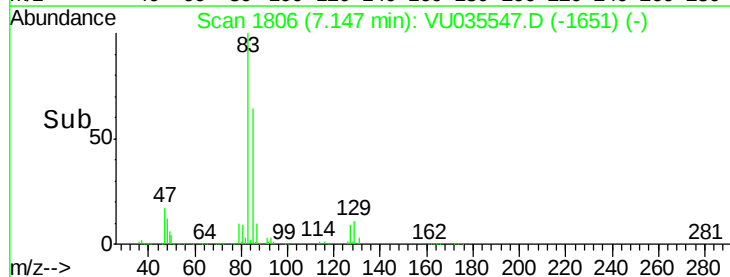
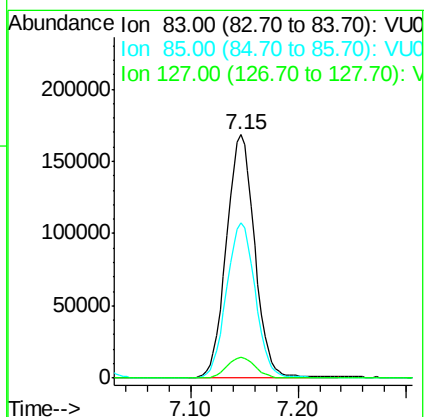
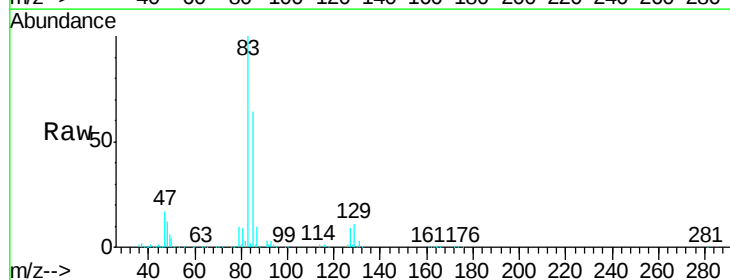
Tgt Ion: 83 Resp: 308477

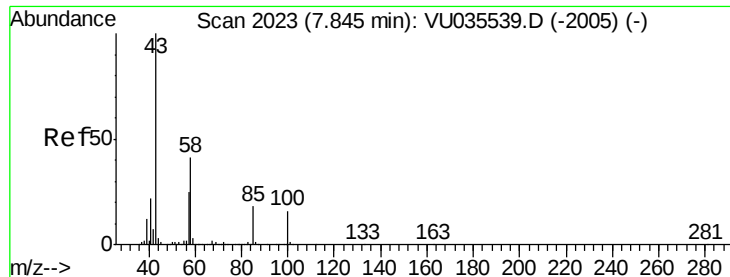
Ion Ratio Lower Upper

83 100

85 63.6 51.6 77.4

127 8.6 7.0 10.4





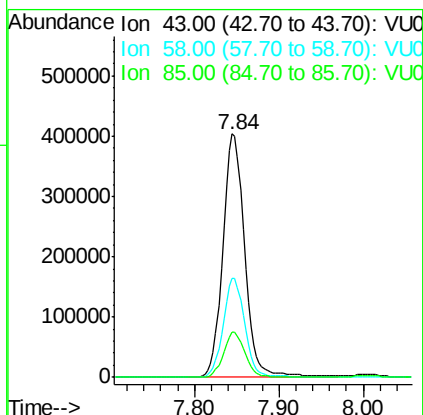
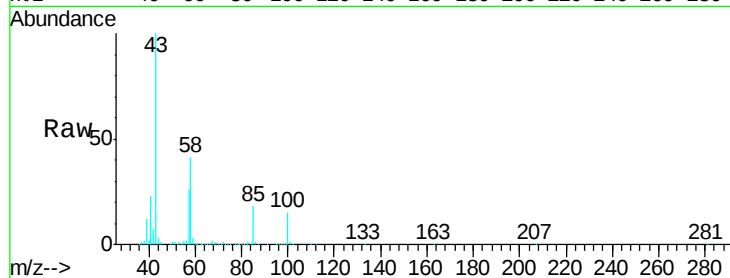
#45
 4-Methyl-2-Pentanone
 Concen: 52.182 ug/l
 RT: 7.84 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: VU035547.D
 Acq: 29 Oct 2019 19:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

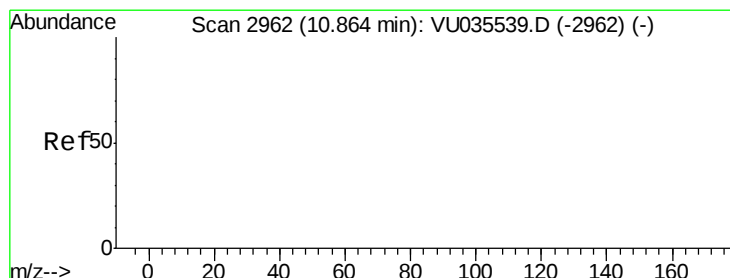
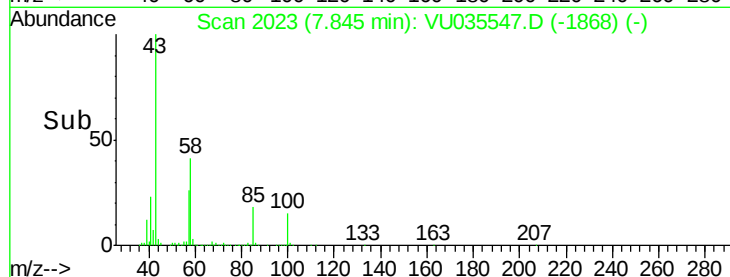
Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.4	20.6	61.8
85	18.2	14.5	21.7

Manual Integrations
 APPROVED

MMDadoda

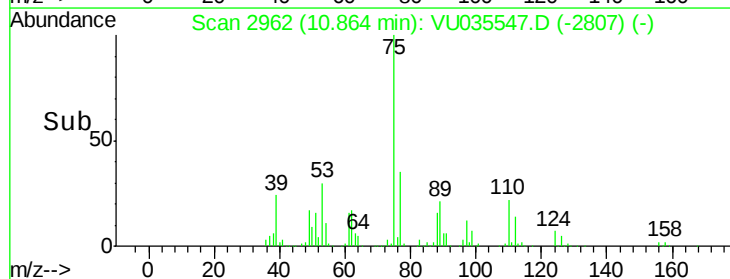
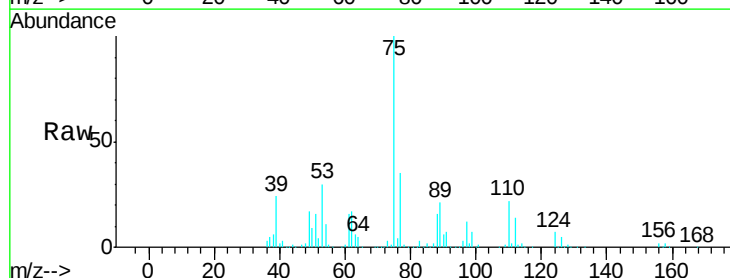
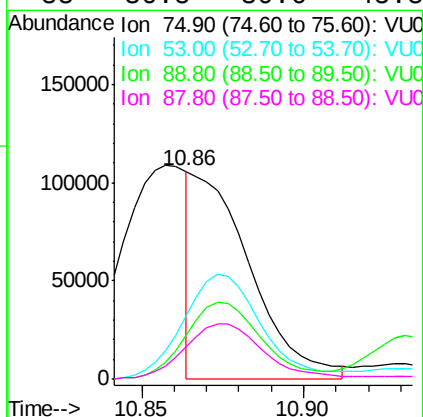


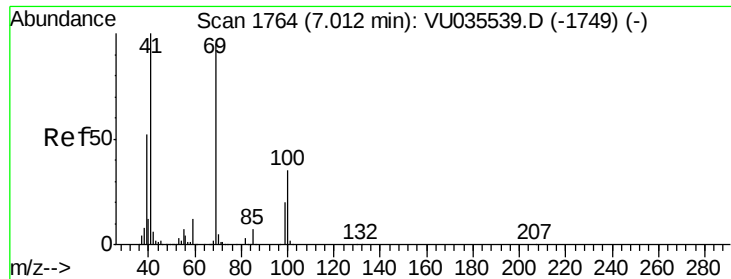
10/30/2019 10:39:30 AM



#46
 t-1,4-Dichloro-2-butene
 Concen: 25.870 ug/l m
 RT: 10.86 min Scan# 2962
 Delta R.T. -0.00 min
 Lab File: VU035547.D
 Acq: 29 Oct 2019 19:48

Tgt Ion	Ratio	Lower	Upper
75	100		
53	68.5	54.1	81.1
89	49.0	38.2	57.4
88	36.5	30.6	45.8





#47
Methyl methacrylate
Concen: 21.407 ug/l
RT: 7.01 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

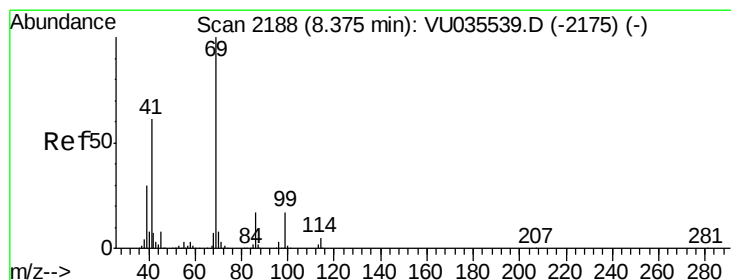
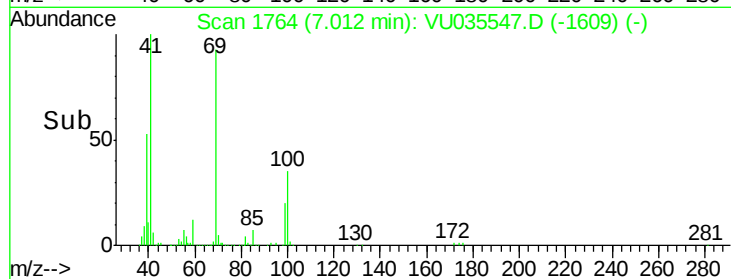
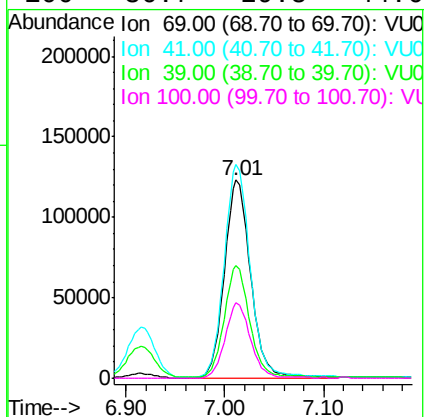
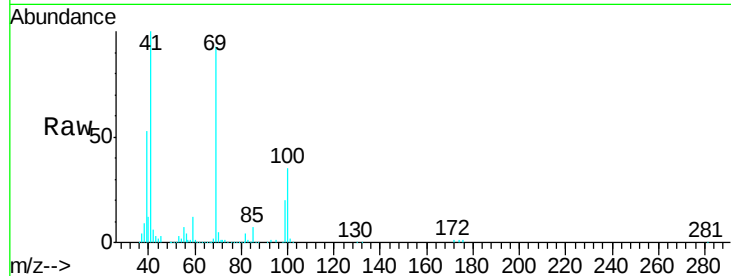
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion	Ratio	Lower	Upper
69	100		
41	105.3	0.0	216.8
39	53.9	45.1	67.7
100	36.7	29.8	44.6

Manual Integrations
APPROVED

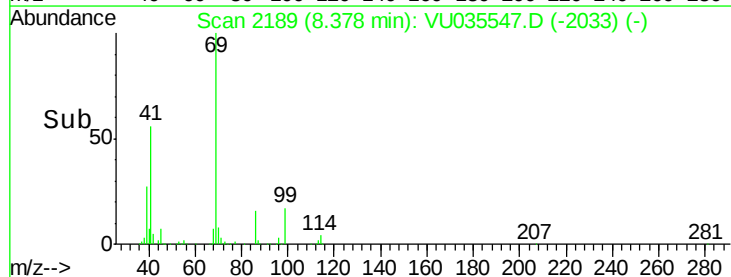
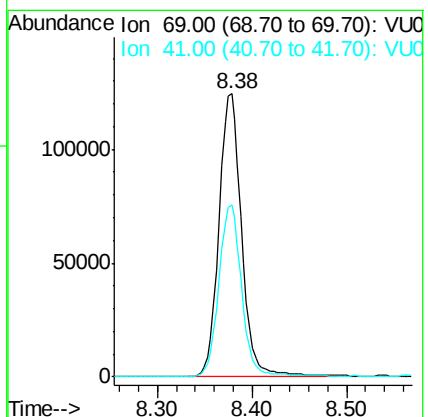
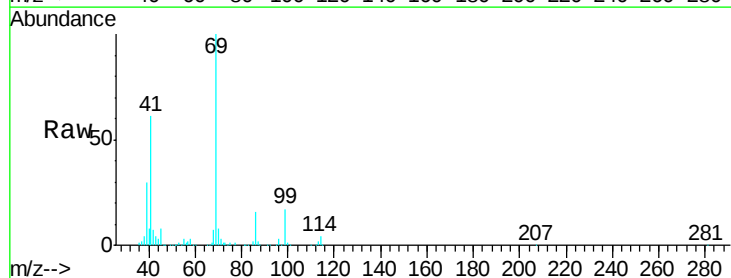
MMDadoda

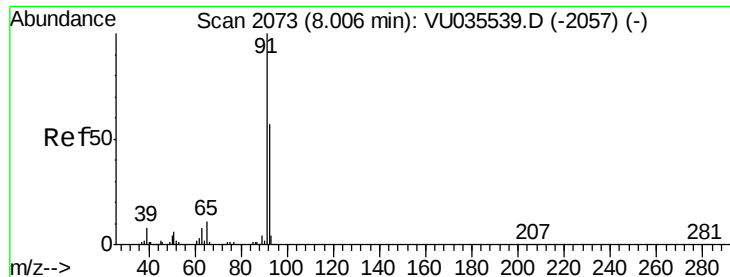
10/30/2019 10:39:30 AM



#48
Ethyl methacrylate
Concen: 10.990 ug/l
RT: 8.38 min Scan# 2189
Delta R.T. 0.00 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.5	30.4	91.2





#49

Toluene

Concen: 10.223 ug/l

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 92 Resp: 560922

Ion Ratio Lower Upper

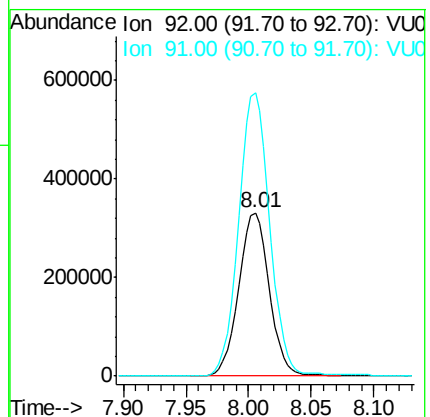
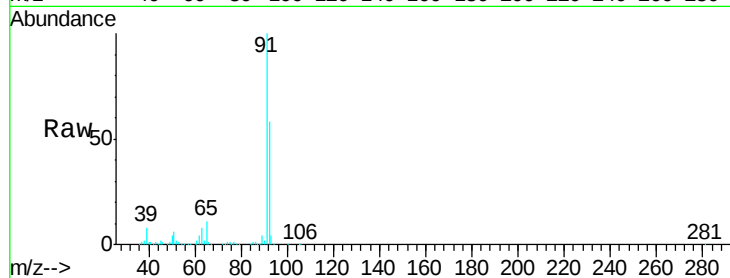
92 100

91 177.2 141.4 212.0

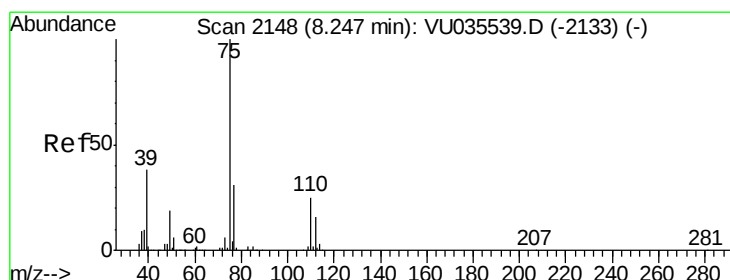
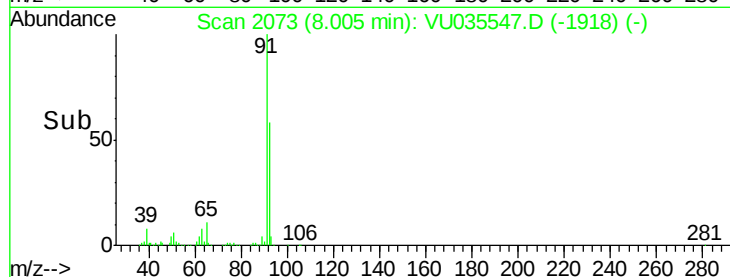
Manual Integrations

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MMDadoda



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#50

t-1,3-Dichloropropene

Concen: 9.968 ug/l

RT: 8.25 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VU035547.D

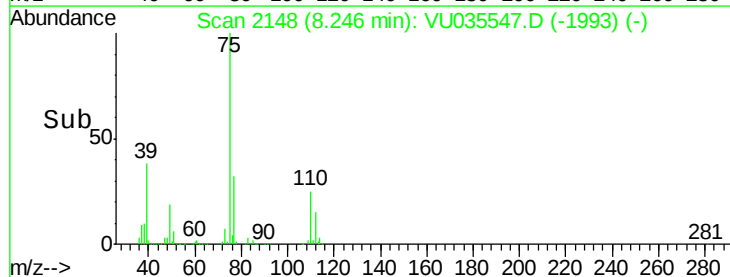
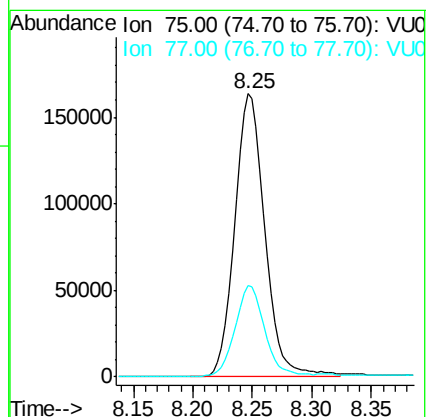
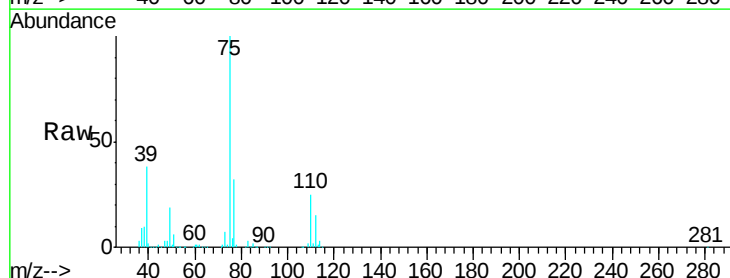
Acq: 29 Oct 2019 19:48

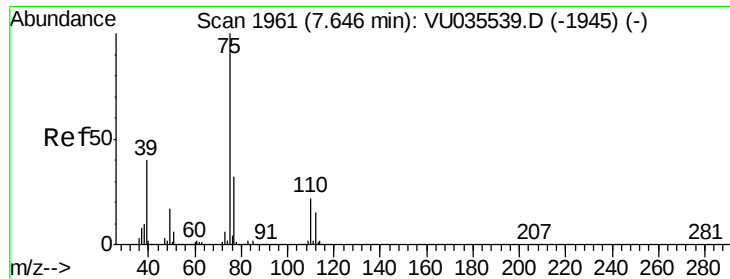
Tgt Ion: 75 Resp: 287433

Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8





#51

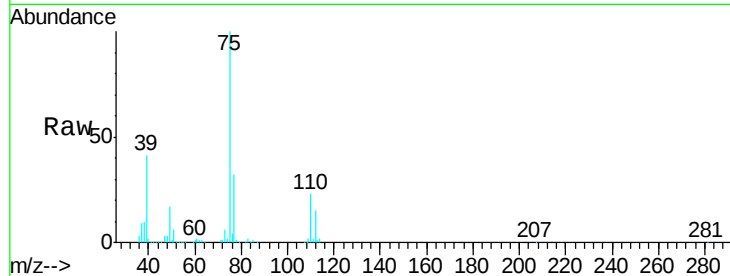
cis-1,3-Dichloropropene
Concen: 9.715 ug/l
RT: 7.65 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

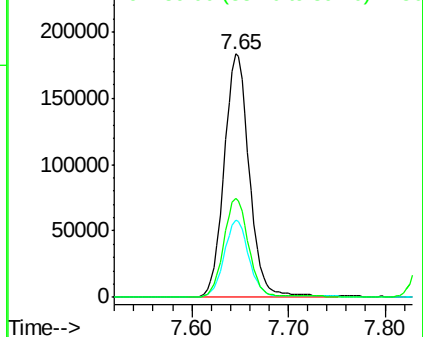
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.2	37.8
39	40.7	32.1	48.1

Manual Integrations
APPROVED

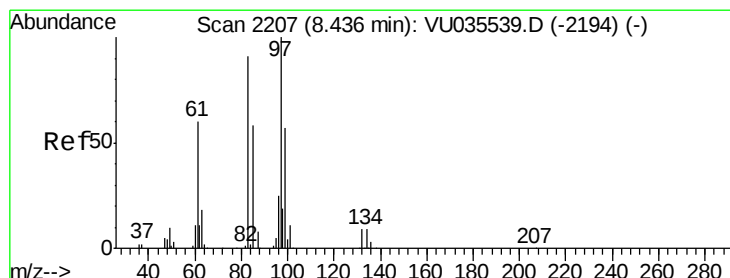
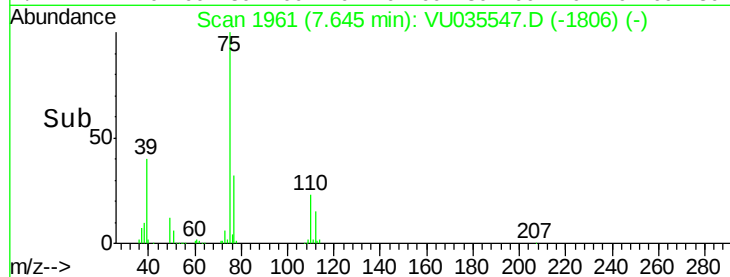
MMDadoda



Abundance Ion 75.00 (74.70 to 75.70): VU035539.D (-1945) (-)
Ion 77.00 (76.70 to 77.70): VU035539.D (-1945) (-)
Ion 39.00 (38.70 to 39.70): VU035539.D (-1945) (-)



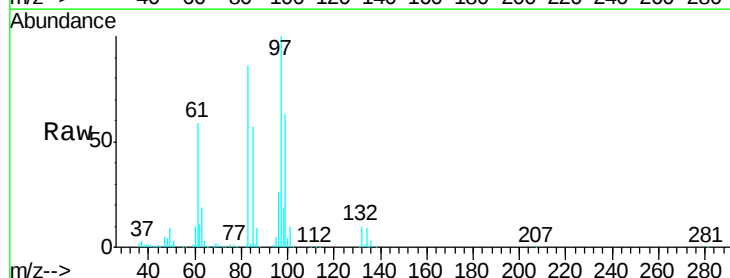
10/30/2019 10:39:30 AM



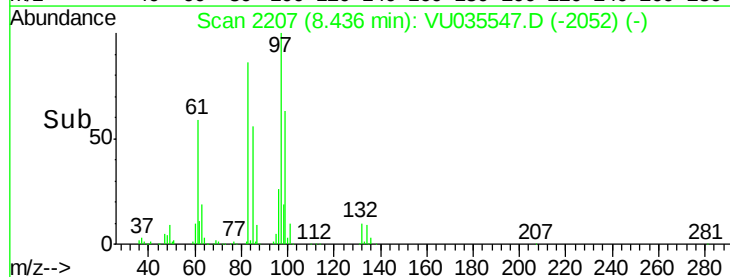
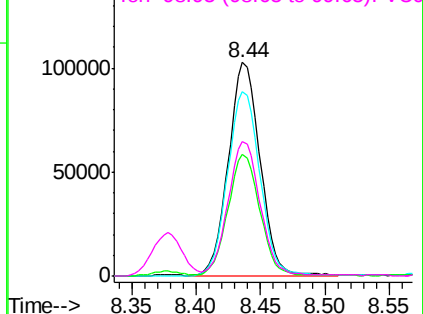
#52

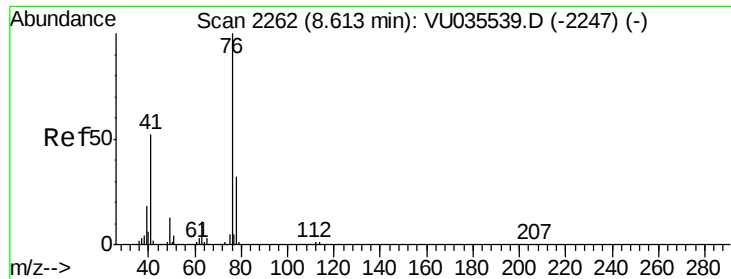
1,1,2-Trichloroethane
Concen: 9.540 ug/l
RT: 8.44 min Scan# 2207
Delta R.T. -0.00 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.3	72.6	108.8
85	56.5	46.4	69.6
99	62.3	49.6	74.4



Abundance Ion 97.00 (96.70 to 97.70): VU035539.D (-2194) (-)
Ion 82.95 (82.65 to 83.65): VU035539.D (-2194) (-)
Ion 84.95 (84.65 to 85.65): VU035539.D (-2194) (-)
Ion 98.95 (98.65 to 99.65): VU035539.D (-2194) (-)





#53

1,3-Dichloropropane

Concen: 9.767 ug/l

RT: 8.61 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 76 Resp: 303148

Ion Ratio Lower Upper

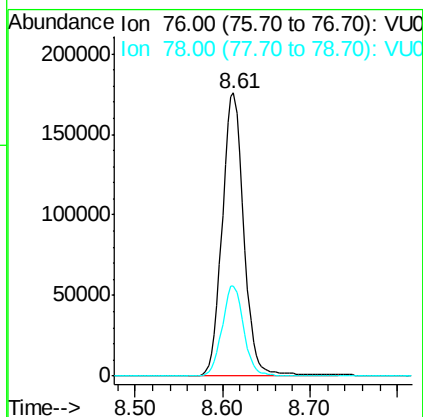
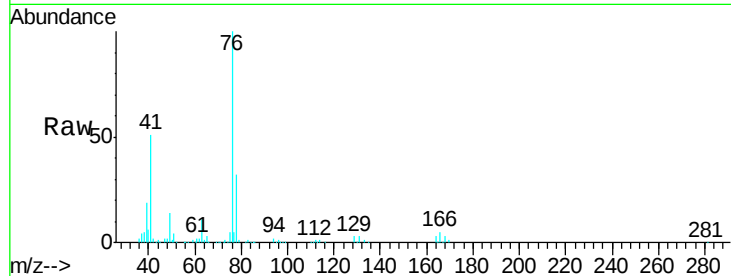
76 100

78 31.9 25.6 38.4

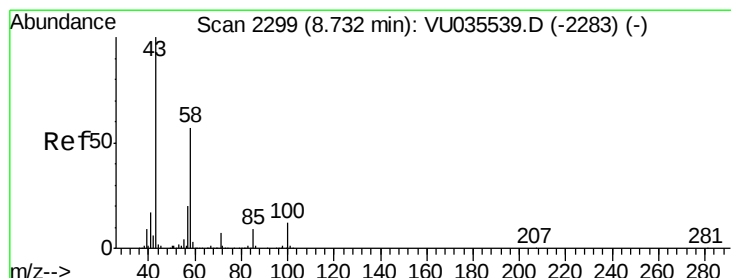
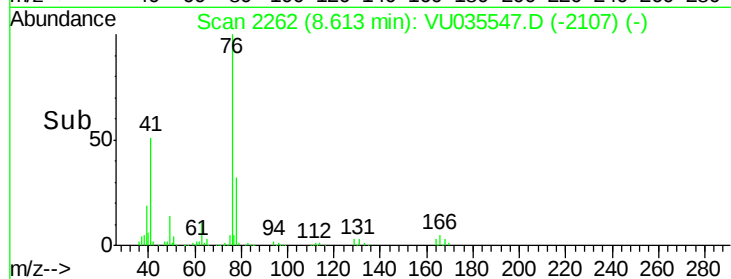
Manual Integrations

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#54

2-Hexanone

Concen: 50.682 ug/l

RT: 8.73 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

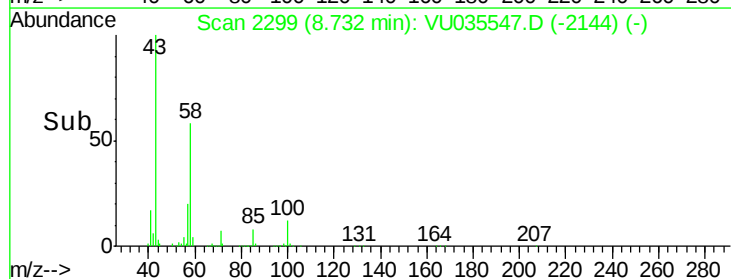
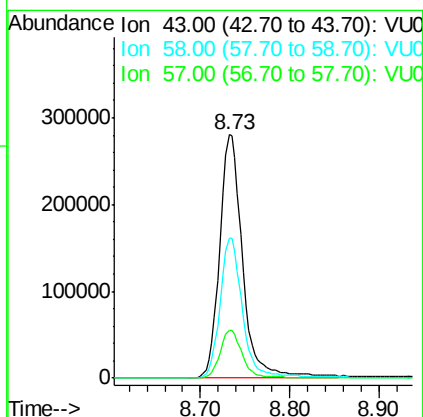
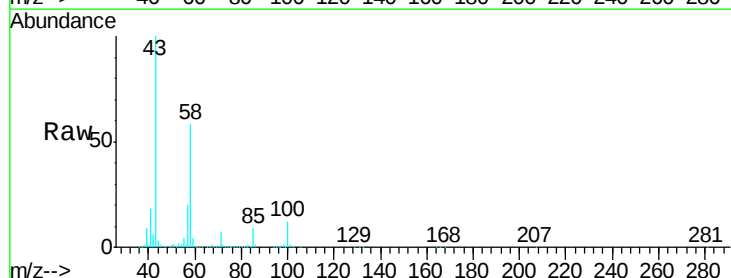
Tgt Ion: 43 Resp: 501889

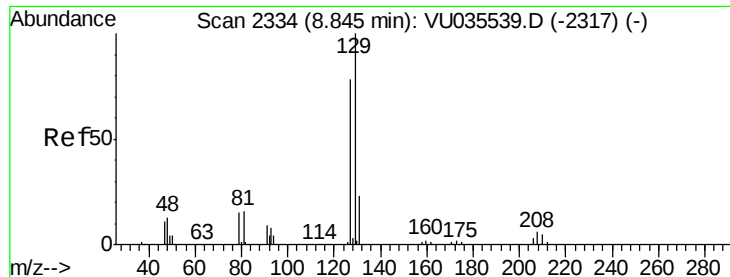
Ion Ratio Lower Upper

43 100

58 55.9 37.2 77.2

57 18.6 0.0 39.1





#55

Dibromochloromethane

Concen: 9.634 ug/l

RT: 8.84 min Scan# 2334

Delta R.T. -0.00 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:129 Resp: 215424

Ion Ratio Lower Upper

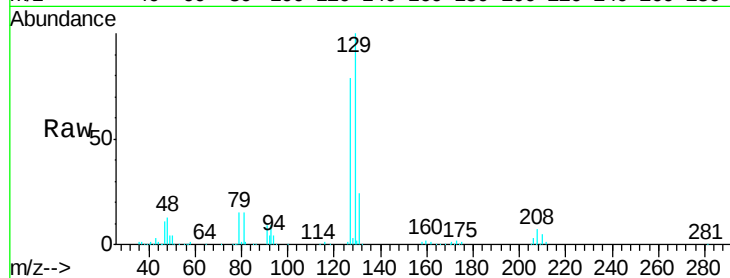
129 100

127 78.0 62.3 93.5

Manual Integrations

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.84

100000

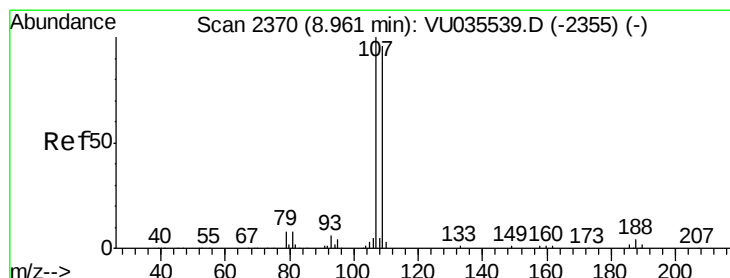
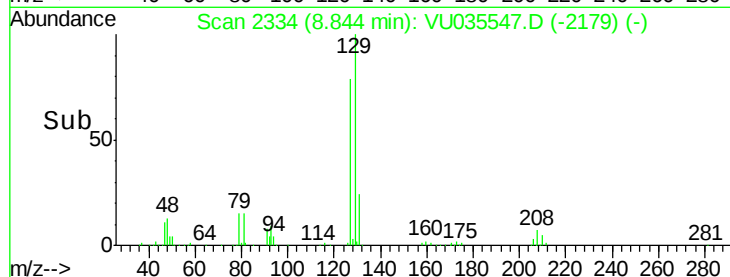
50000

0

8.75 8.80 8.85 8.90

Time-->

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#56

1,2-Dibromoethane

Concen: 9.869 ug/l

RT: 8.96 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VU035547.D

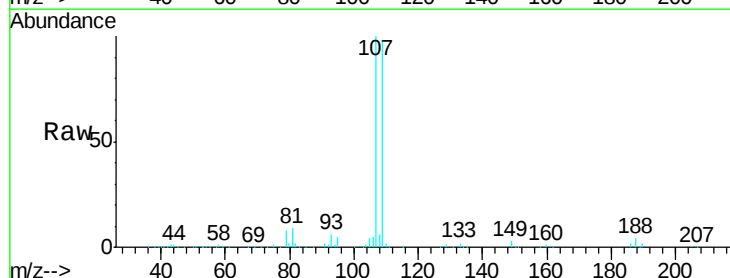
Acq: 29 Oct 2019 19:48

Tgt Ion:107 Resp: 165341

Ion Ratio Lower Upper

107 100

109 95.2 0.0 191.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

8.96

100000

80000

60000

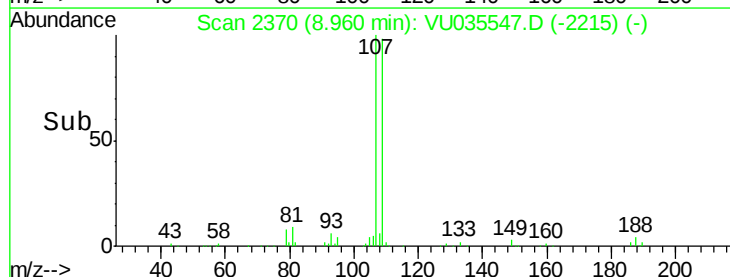
40000

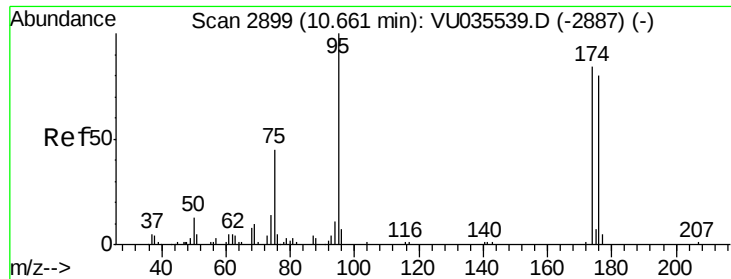
20000

0

8.90 8.95 9.00 9.05

Time-->





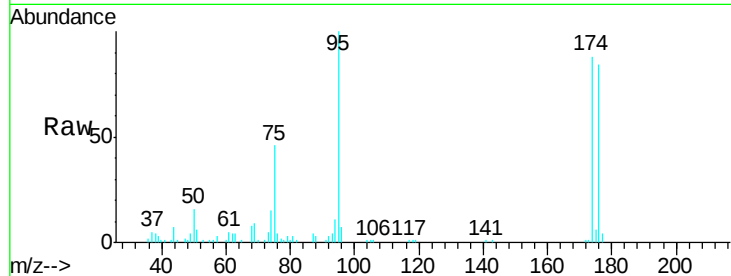
#57
4-Bromofluorobenzene
Concen: 1.029 ug/l
RT: 10.66 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.1	70.2	105.4
176	85.7	67.7	101.5

Manual Integrations
APPROVED

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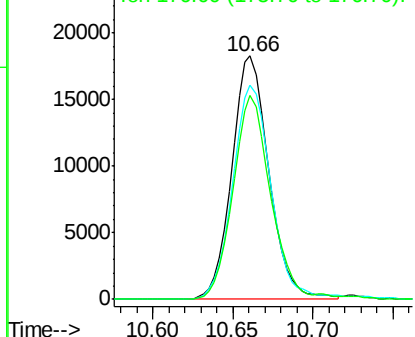


Abundance

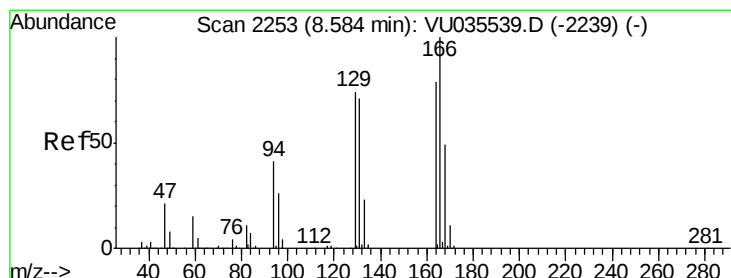
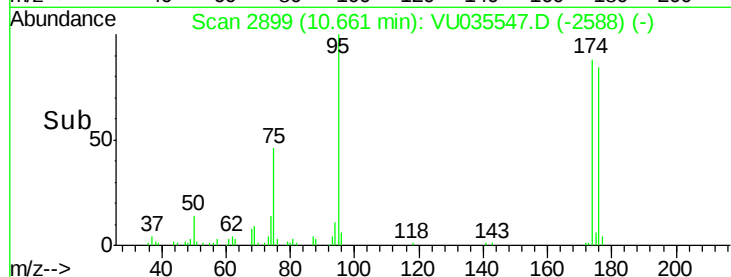
Ion 95.00 (94.70 to 95.70): V

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



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#58
Tetrachloroethene
Concen: 9.579 ug/l
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.7	100.6	151.0
129	94.7	74.1	111.1
131	91.7	71.1	106.7

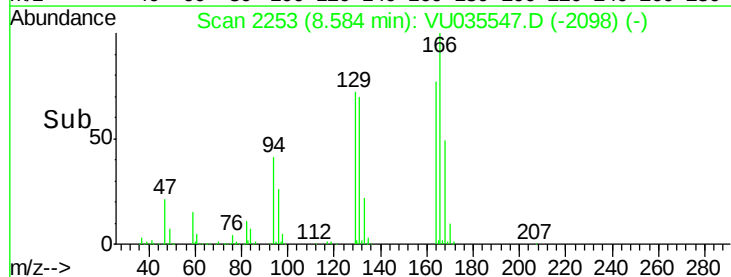
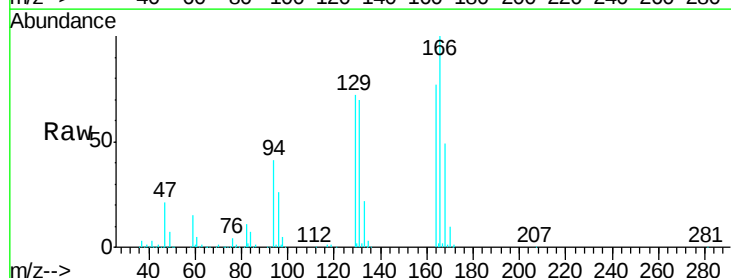
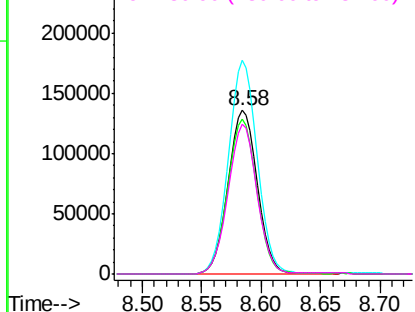
Abundance

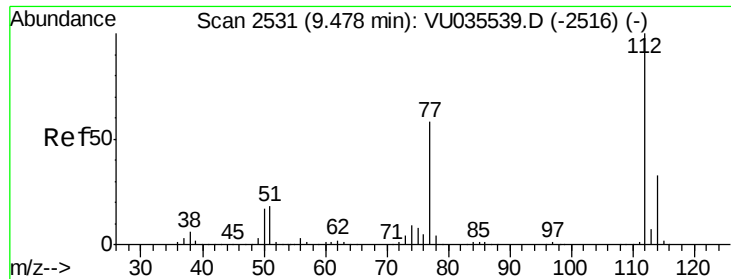
Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V





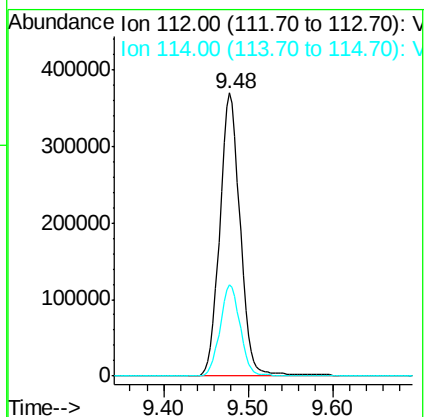
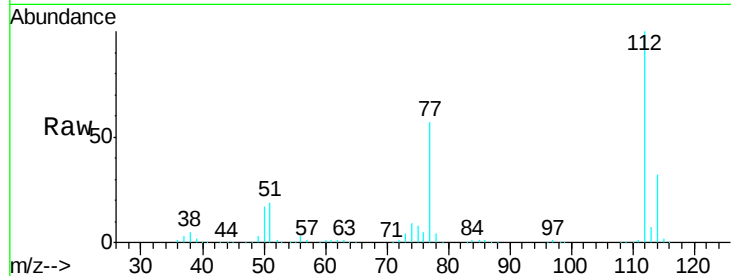
#59
Chlorobenzene
Concen: 9.861 ug/l
RT: 9.48 min Scan# 2531
Delta R.T. -0.00 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

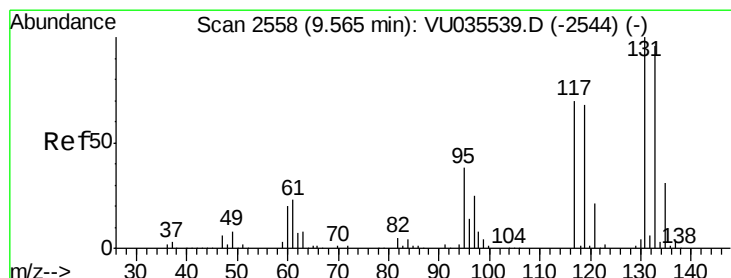
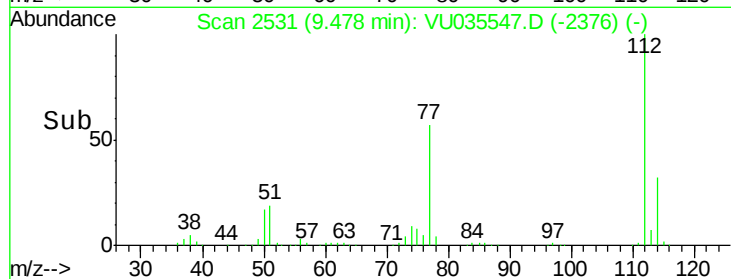
Tgt Ion:112 Resp: 623818
Ion Ratio Lower Upper
112 100
114 32.5 26.5 39.7

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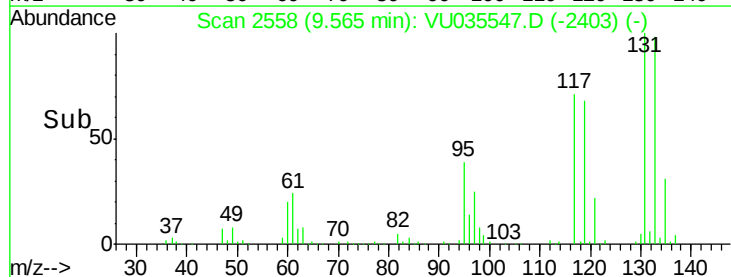
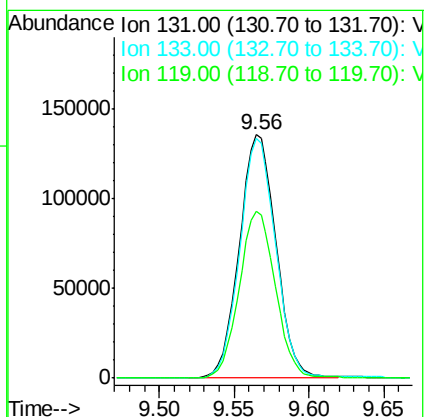
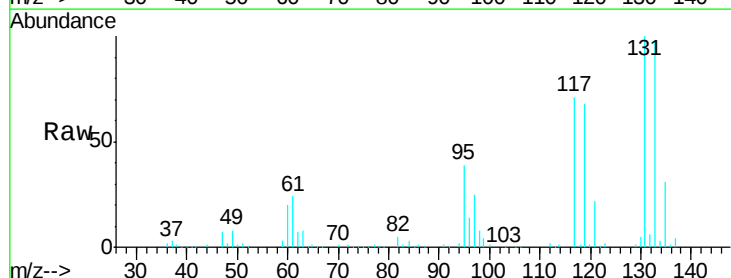


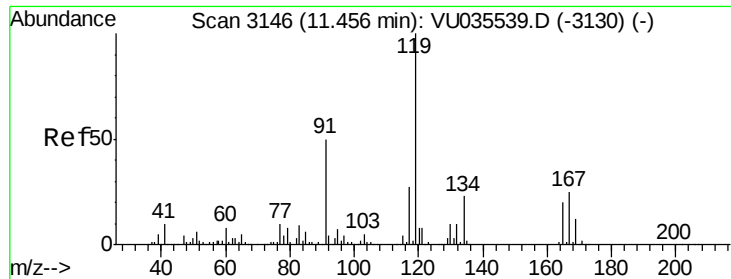
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#60
1,1,1,2-Tetrachloroethane
Concen: 9.486 ug/l
RT: 9.56 min Scan# 2558
Delta R.T. -0.00 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Tgt Ion:131 Resp: 230722
Ion Ratio Lower Upper
131 100
133 96.7 76.9 115.3
119 67.7 53.6 80.4





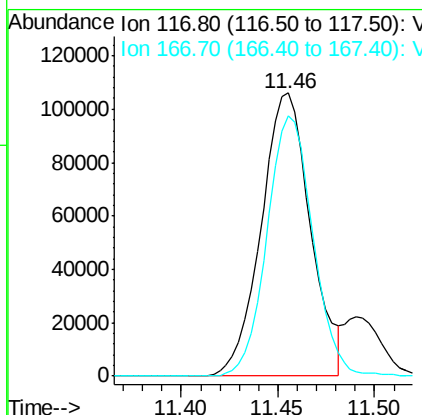
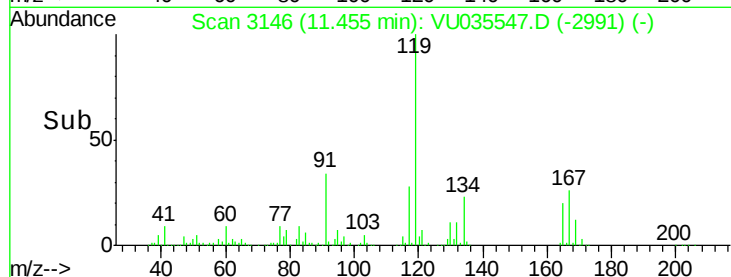
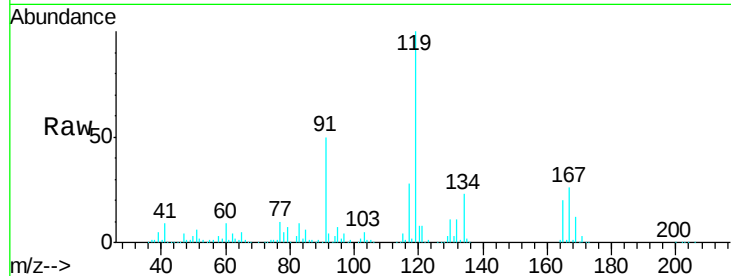
#61
 Pentachloroethane
 Concen: 9.507 ug/l
 RT: 11.46 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: VU035547.D
 Acq: 29 Oct 2019 19:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

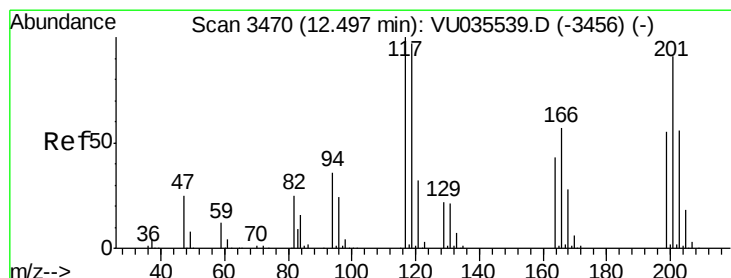
Tgt Ion:117 Resp: 188421
 Ion Ratio Lower Upper
 117 100
 167 86.0 69.8 104.6

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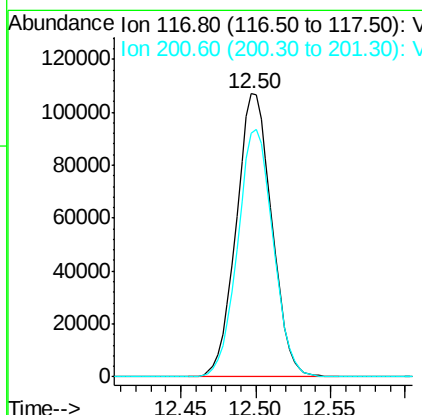
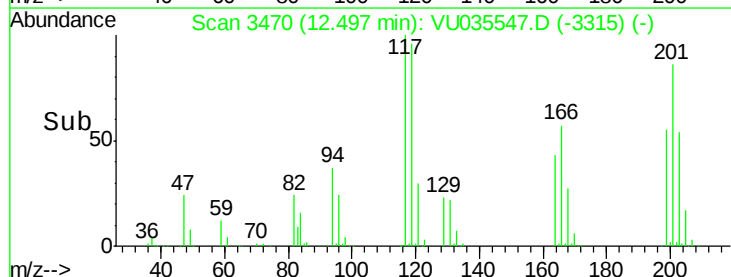
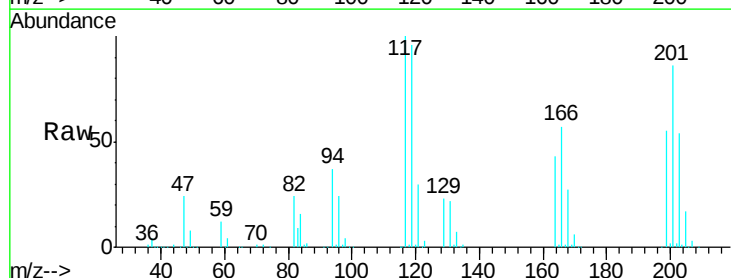


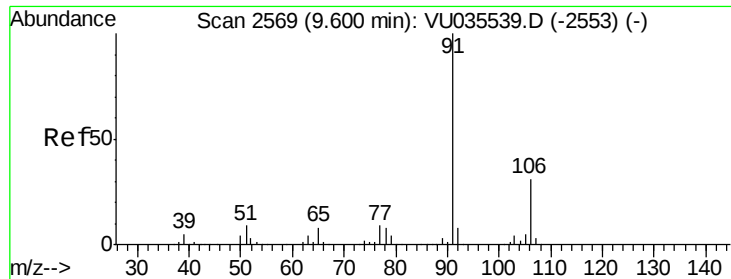
10/30/2019 10:39:30 AM



#62
 Hexachloroethane
 Concen: 9.791 ug/l
 RT: 12.50 min Scan# 3470
 Delta R.T. -0.00 min
 Lab File: VU035547.D
 Acq: 29 Oct 2019 19:48

Tgt Ion:117 Resp: 177285
 Ion Ratio Lower Upper
 117 100
 201 87.2 71.8 107.8





#63

Ethyl Benzene

Concen: 10.684 ug/l

RT: 9.60 min Scan# 2569

Delta R.T. -0.00 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 1049699

Ion Ratio Lower Upper

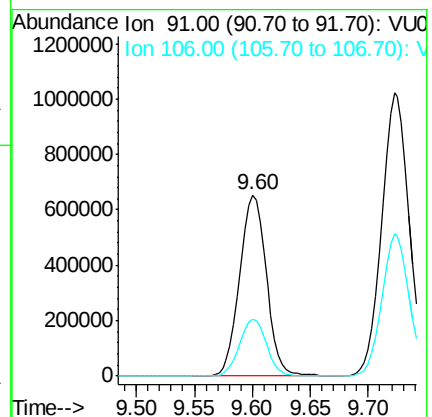
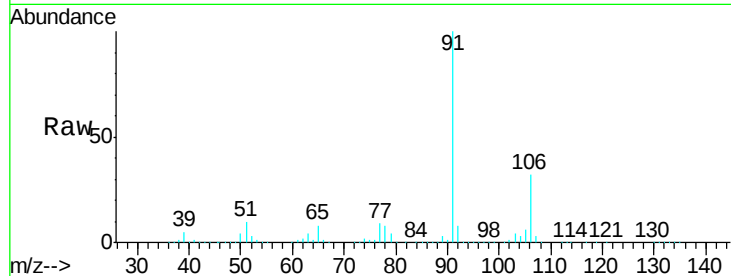
91 100

106 31.6 25.2 37.8

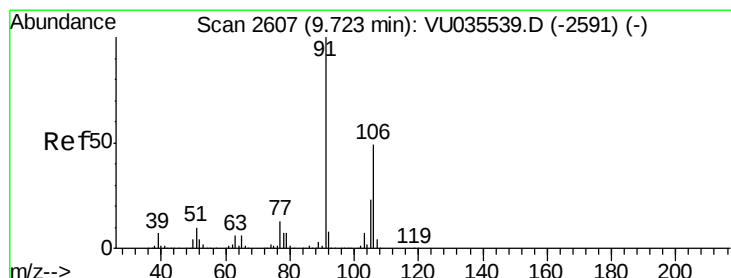
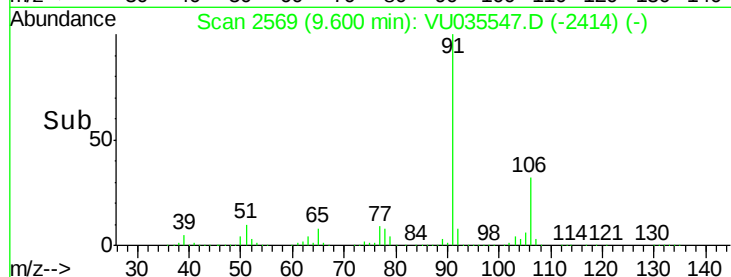
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#64

m/p-Xylenes

Concen: 22.095 ug/l

RT: 9.72 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VU035547.D

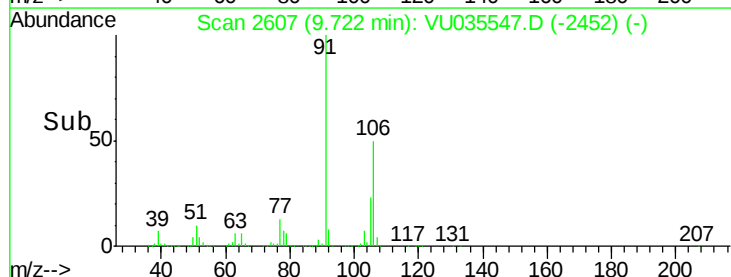
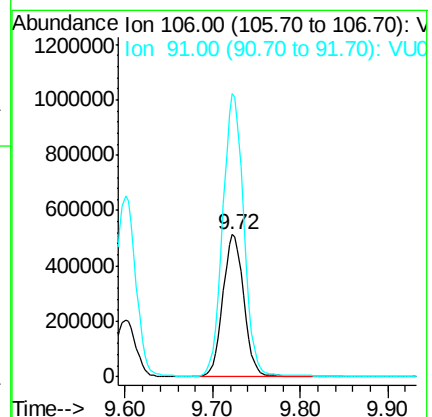
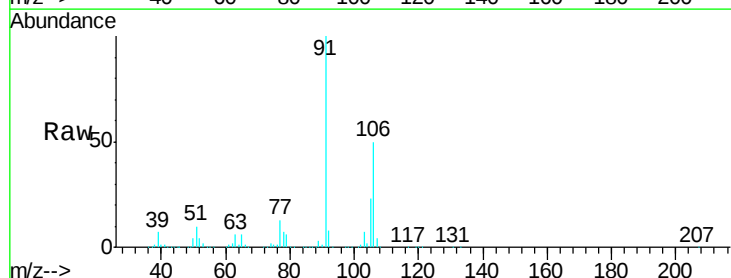
Acq: 29 Oct 2019 19:48

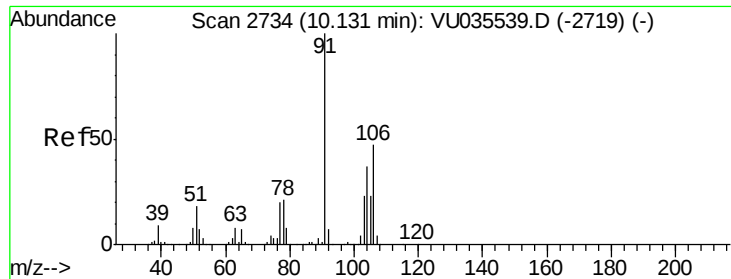
Tgt Ion: 106 Resp: 857127

Ion Ratio Lower Upper

106 100

91 199.3 81.0 121.4#





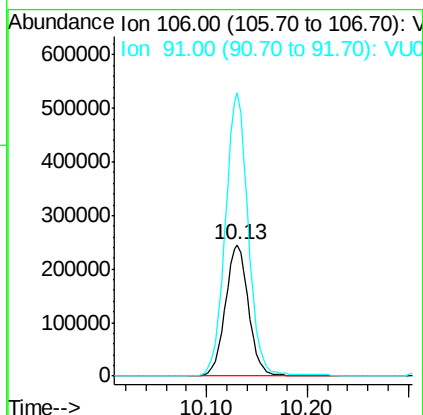
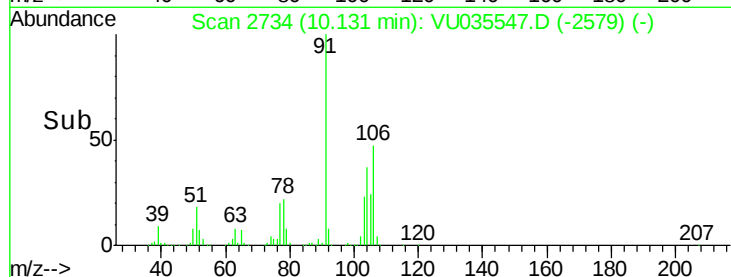
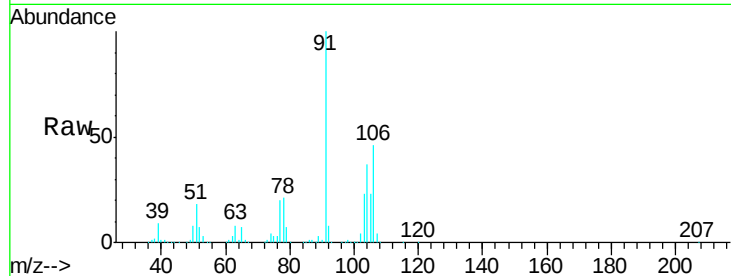
#65
o-Xylene
Concen: 10.532 ug/l
RT: 10.13 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

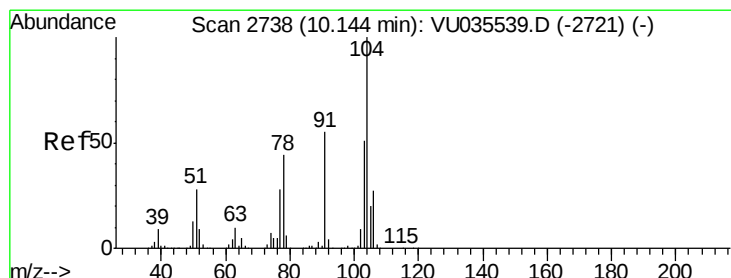
Tgt Ion:106 Resp: 394757
Ion Ratio Lower Upper
106 100
91 213.5 107.1 321.1

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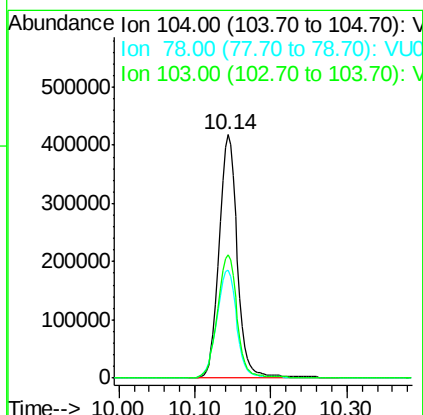
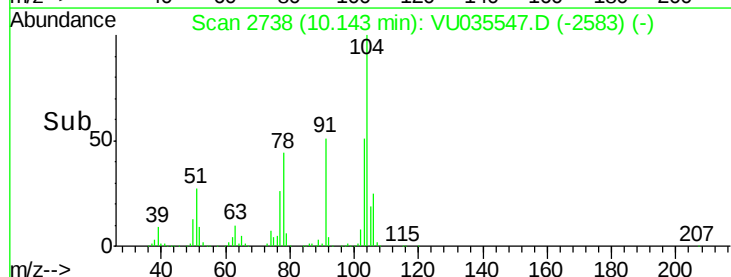
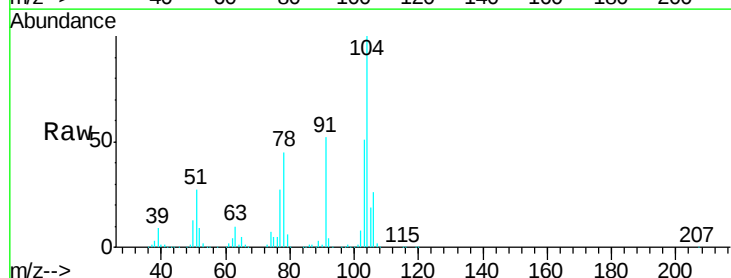


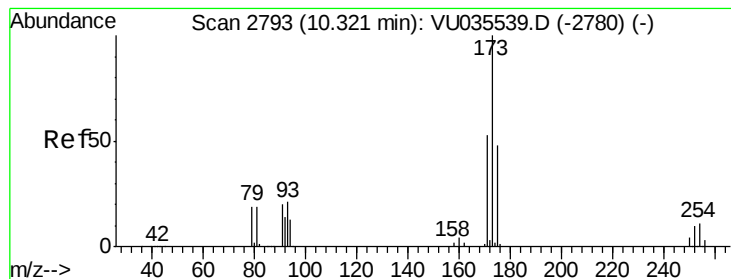
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#66
Styrene
Concen: 11.211 ug/l
RT: 10.14 min Scan# 2738
Delta R.T. -0.00 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Tgt Ion:104 Resp: 695600
Ion Ratio Lower Upper
104 100
78 49.0 38.6 58.0
103 54.6 43.6 65.4





#67

Bromoform

Concen: 9.664 ug/l

RT: 10.32 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 134077

Ion Ratio Lower Upper

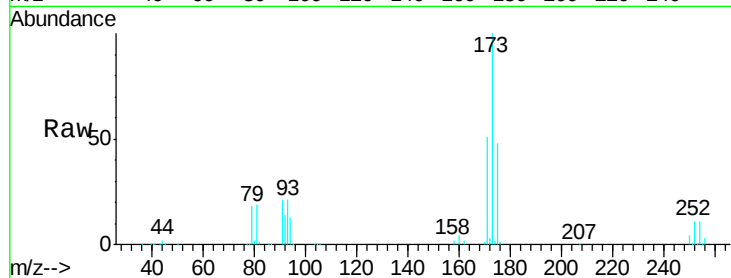
173 100

175 48.4 38.7 58.1

254 10.5 8.2 12.2

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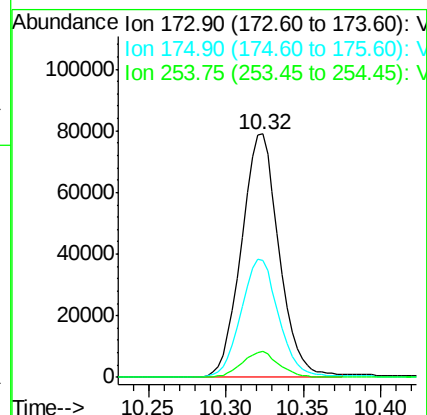
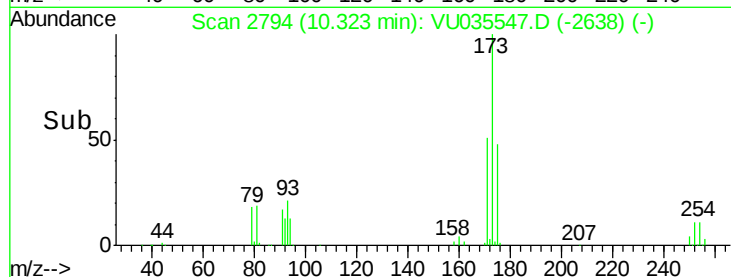
MMDadoda



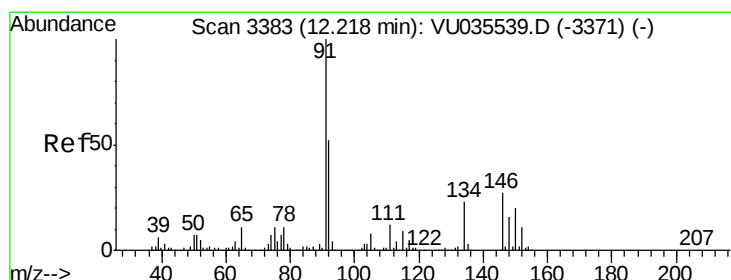
Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



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#68

1,2-Dichlorobenzene-d4

Concen: 1.054 ug/l

RT: 12.22 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

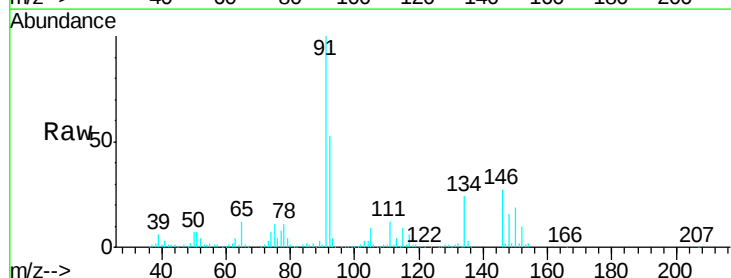
Tgt Ion:152 Resp: 31373

Ion Ratio Lower Upper

152 100

115 136.8 0.0 250.6

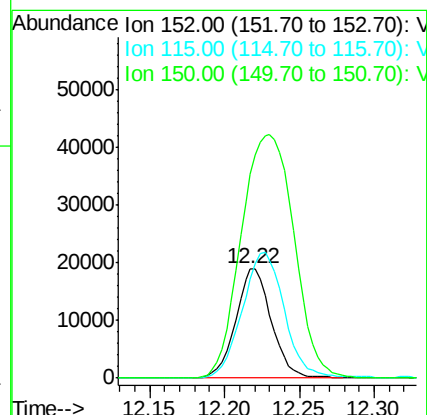
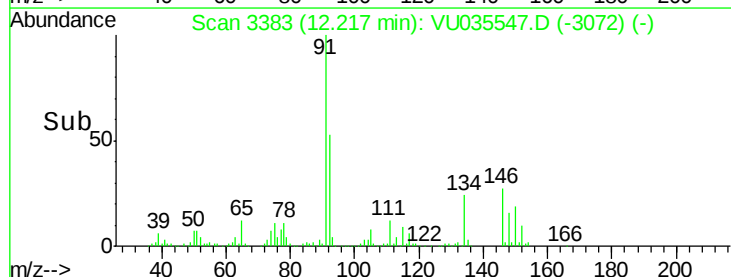
150 329.5 0.0 656.8

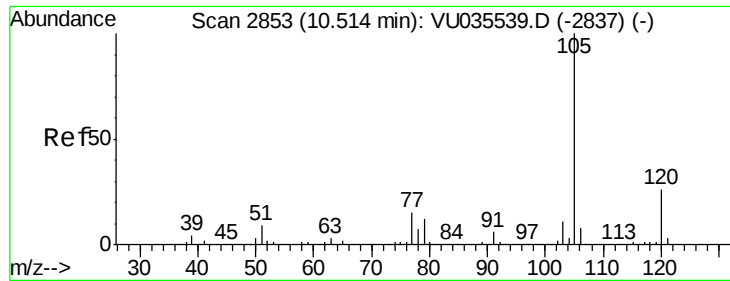


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 10.634 ug/l

RT: 10.51 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 105 Resp: 1039311

Ion Ratio Lower Upper

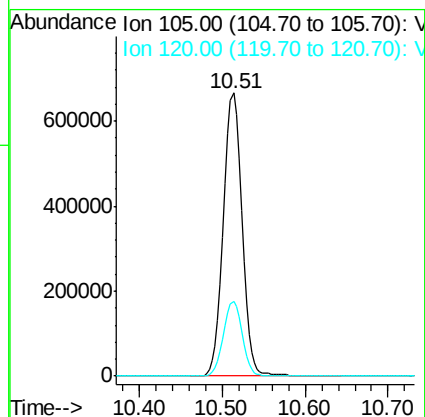
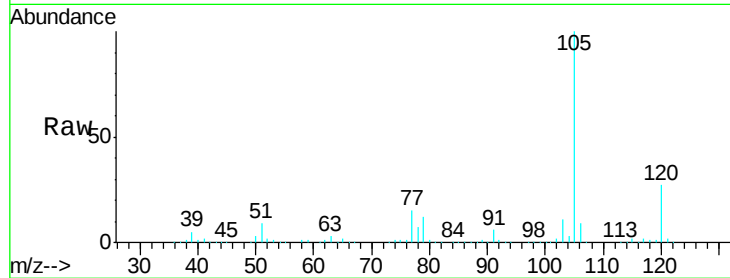
105 100

120 26.6 13.2 39.5

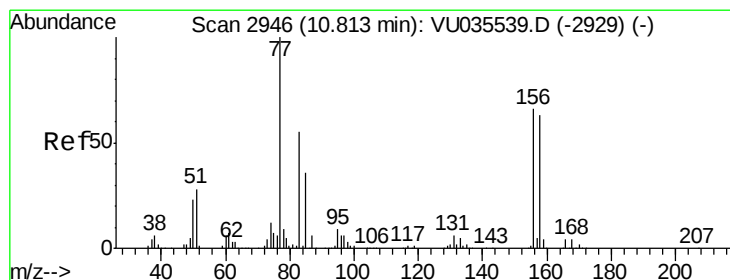
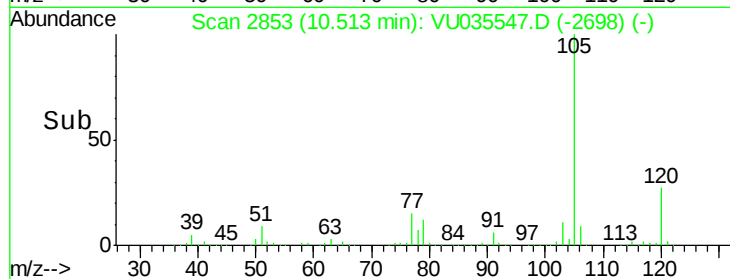
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#70

1,1,2,2-Tetrachloroethane

Concen: 9.587 ug/l

RT: 10.81 min Scan# 2946

Delta R.T. -0.00 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

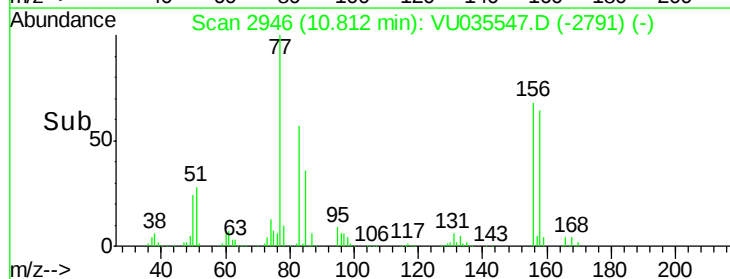
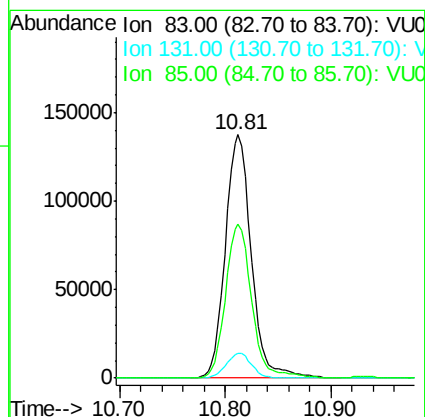
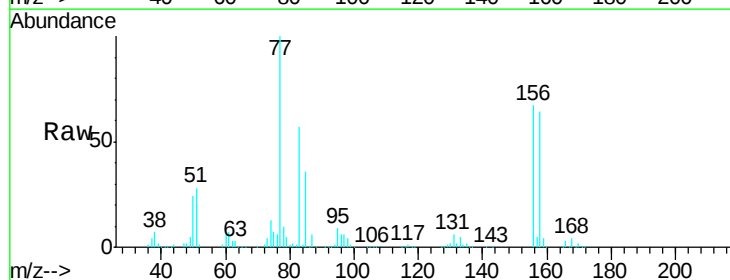
Tgt Ion: 83 Resp: 234098

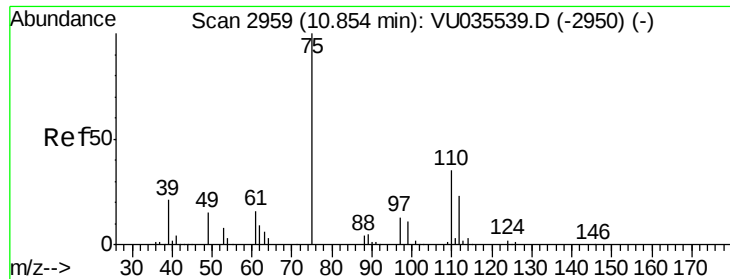
Ion Ratio Lower Upper

83 100

131 10.1 0.0 0.0#

85 64.0 33.5 50.3#





#71
 1,2,3-Trichloropropane
 Concen: 9.726 ug/l m
 RT: 10.86 min Scan# 2960
 Delta R.T. 0.00 min
 Lab File: VU035547.D
 Acq: 29 Oct 2019 19:48

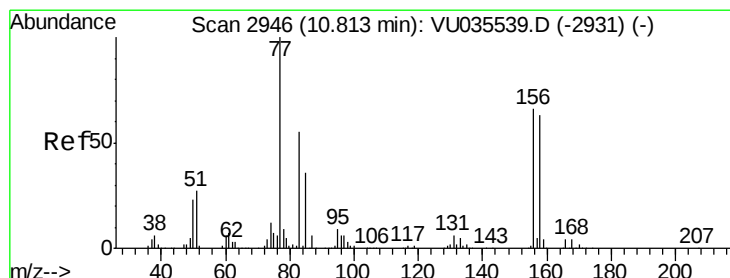
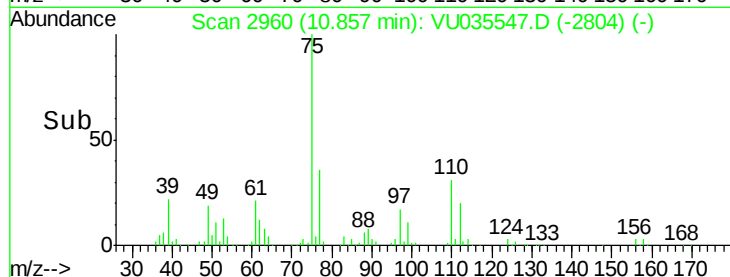
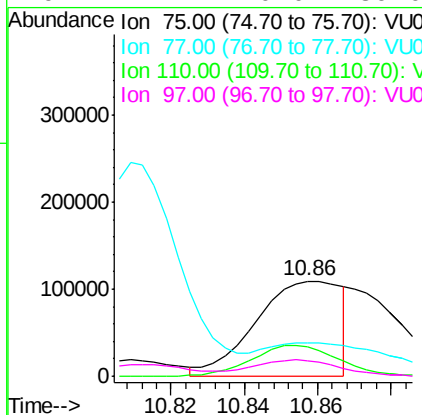
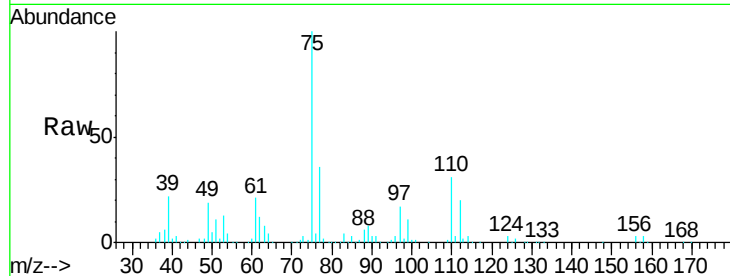
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion	Ratio	Lower	Upper
75	100		
77	51.7	0.0	68.6
110	32.9	0.0	77.2
97	17.4	0.0	39.0

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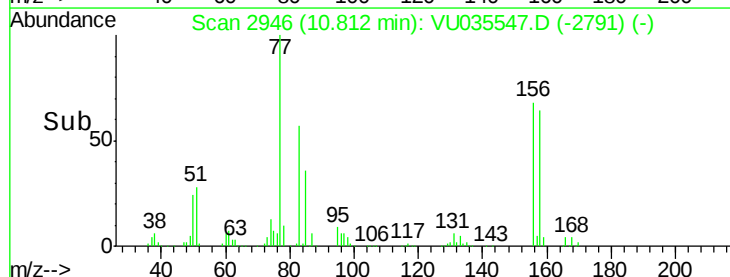
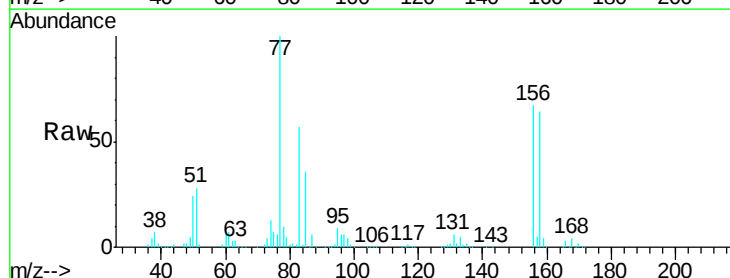
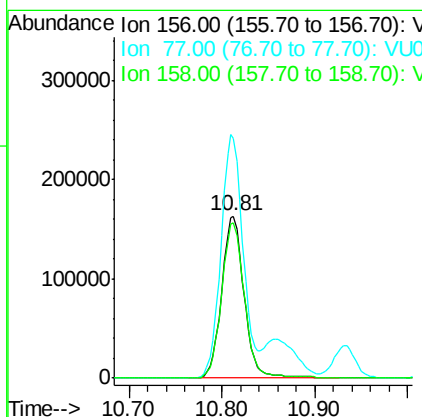
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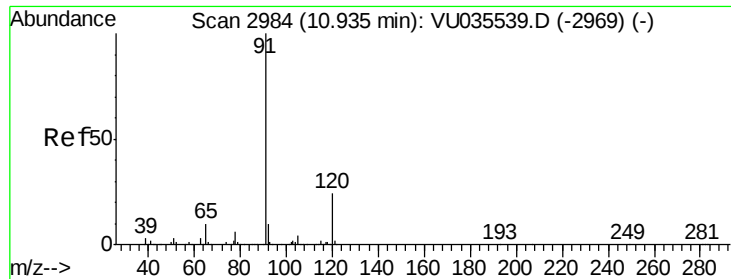
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#72
 Bromobenzene
 Concen: 10.048 ug/l
 RT: 10.81 min Scan# 2946
 Delta R.T. -0.00 min
 Lab File: VU035547.D
 Acq: 29 Oct 2019 19:48

Tgt Ion	Ratio	Lower	Upper
156	100		
77	149.0	0.0	300.4
158	97.7	0.0	194.4





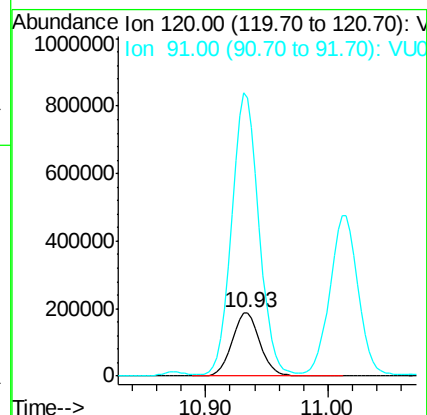
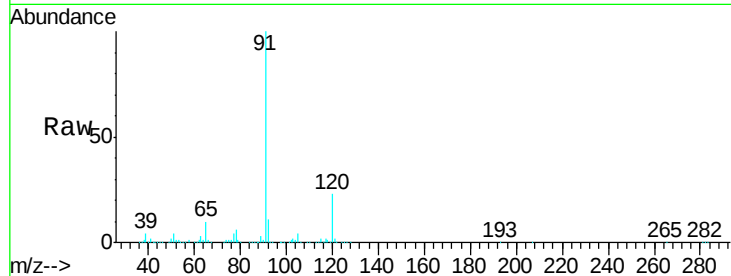
#73
n-propylbenzene
Concen: 11.027 ug/l
RT: 10.93 min Scan# 2984
Delta R.T. -0.00 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

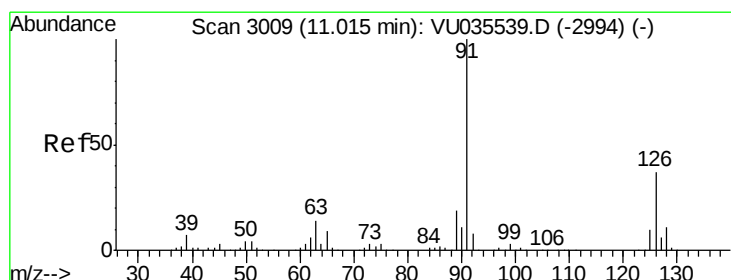
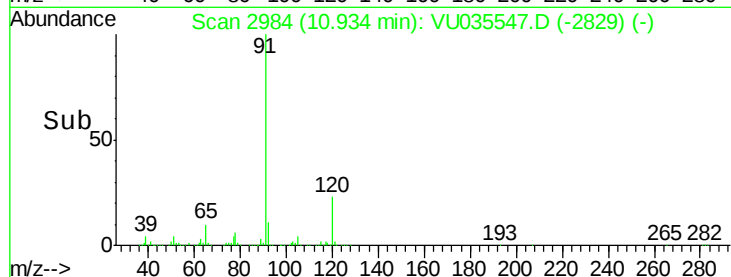
Tgt Ion:120 Resp: 300976
Ion Ratio Lower Upper
120 100
91 431.9 340.6 510.8

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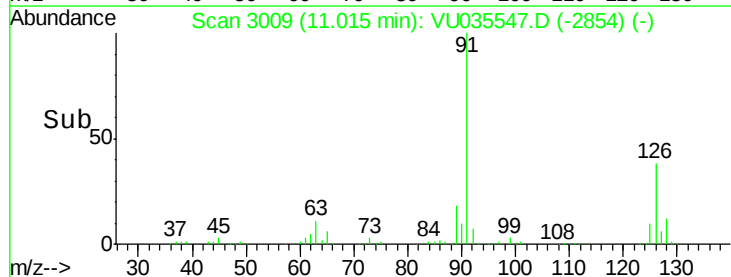
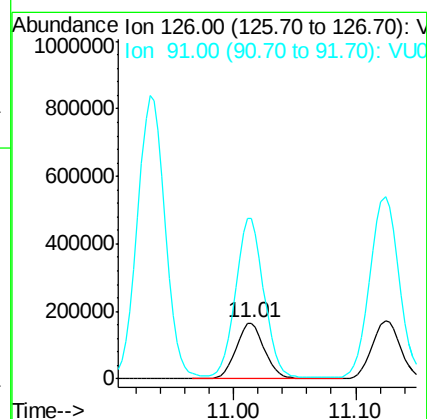
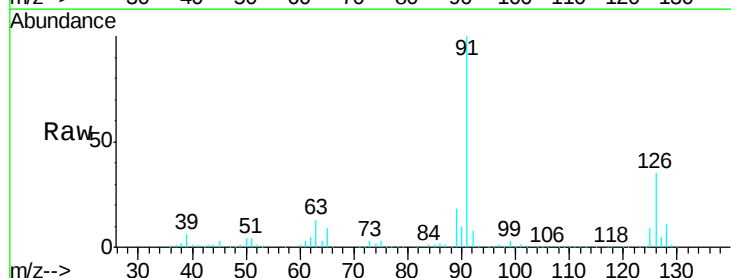


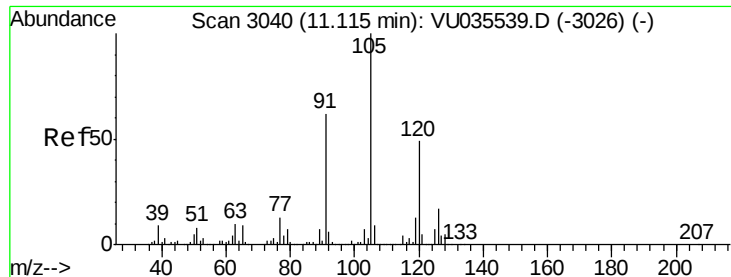
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#74
2-Chlorotoluene
Concen: 10.469 ug/l
RT: 11.01 min Scan# 3009
Delta R.T. -0.00 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Tgt Ion:126 Resp: 267906
Ion Ratio Lower Upper
126 100
91 286.9 0.0 574.2





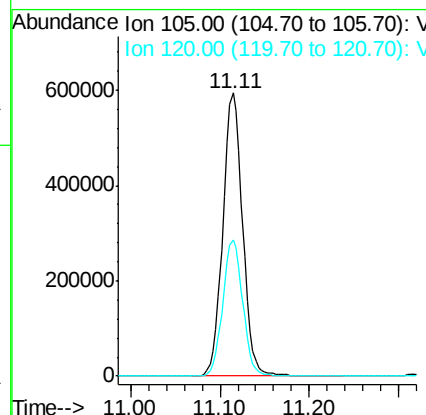
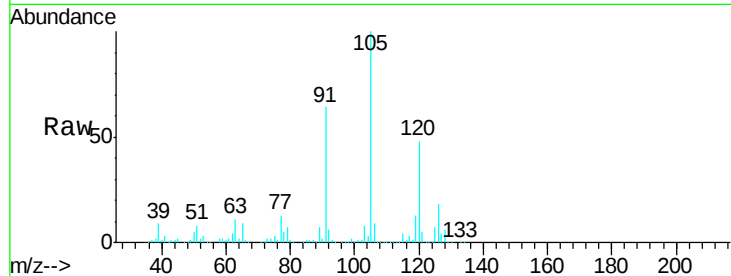
#75
 1,3,5-Trimethylbenzene
 Concen: 11.269 ug/l
 RT: 11.11 min Scan# 3040
 Delta R.T. -0.00 min
 Lab File: VU035547.D
 Acq: 29 Oct 2019 19:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

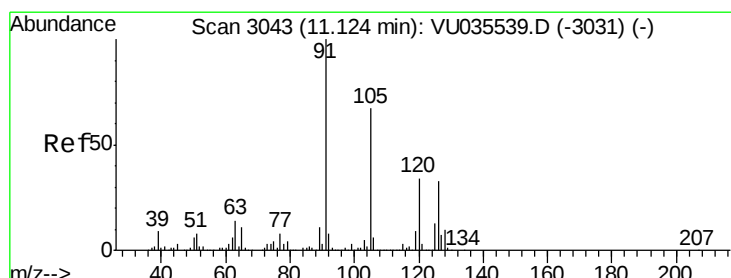
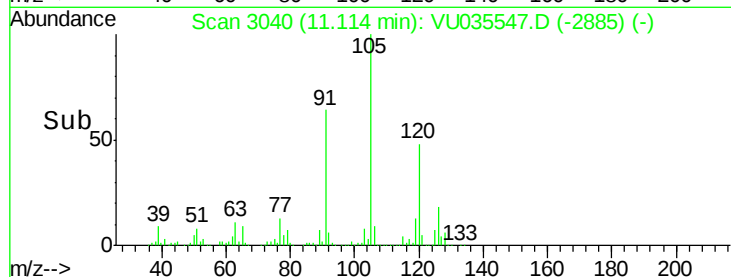
Tgt Ion:105 Resp: 907470
 Ion Ratio Lower Upper
 105 100
 120 48.8 39.4 59.2

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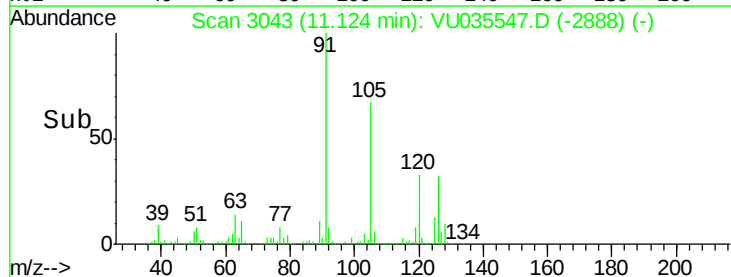
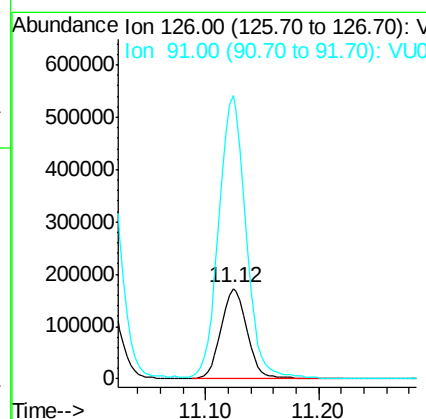
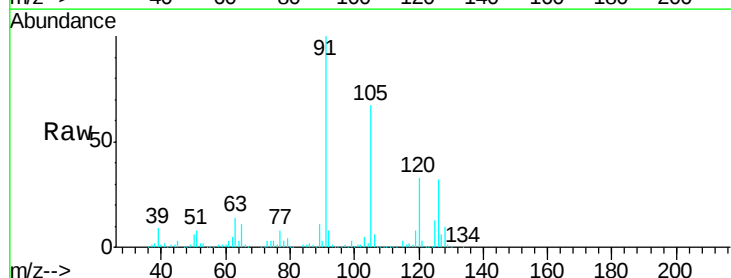


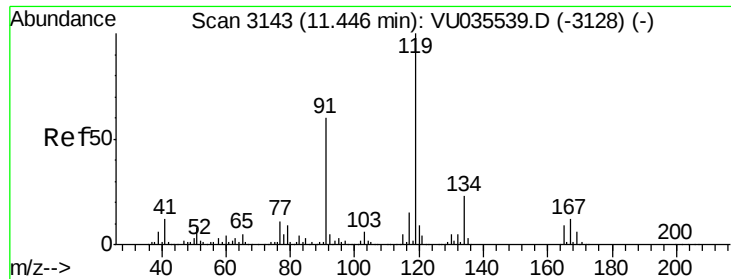
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#76
 4-Chlorotoluene
 Concen: 10.786 ug/l
 RT: 11.12 min Scan# 3043
 Delta R.T. -0.00 min
 Lab File: VU035547.D
 Acq: 29 Oct 2019 19:48

Tgt Ion:126 Resp: 280344
 Ion Ratio Lower Upper
 126 100
 91 325.5 0.0 637.0





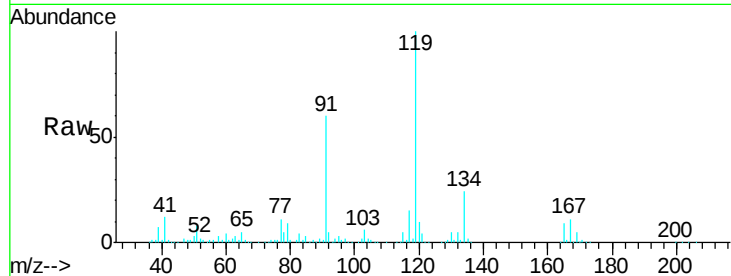
#77
 tert-Butylbenzene
 Concen: 10.725 ug/l
 RT: 11.45 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: VU035547.D
 Acq: 29 Oct 2019 19:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

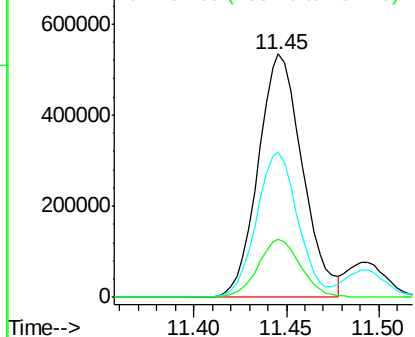
Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.9	27.9	83.7
134	22.9	18.3	27.5

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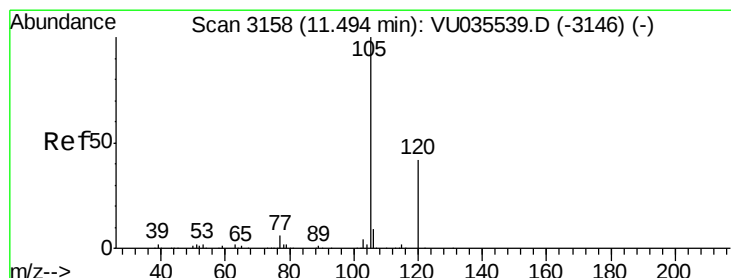
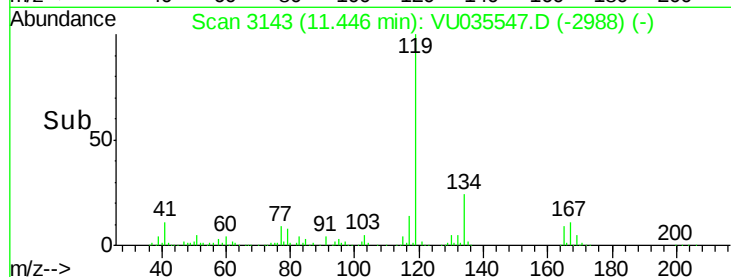
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Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU035547.D (-2988) (-)
 Ion 134.00 (133.70 to 134.70): V

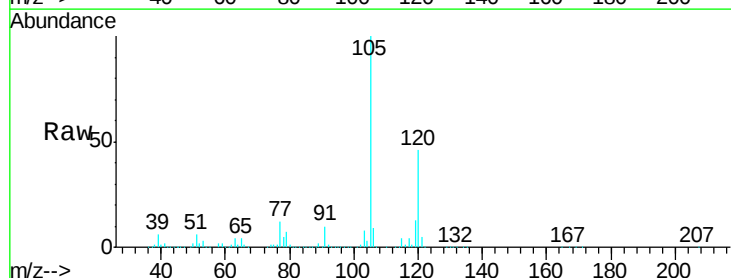


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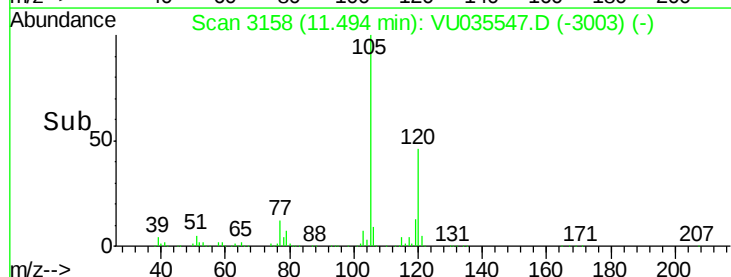
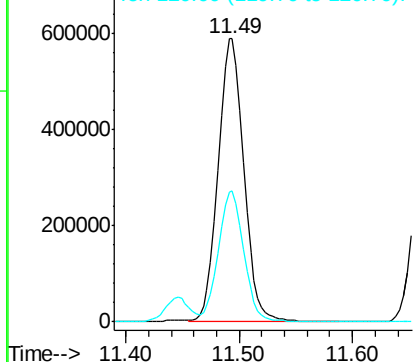


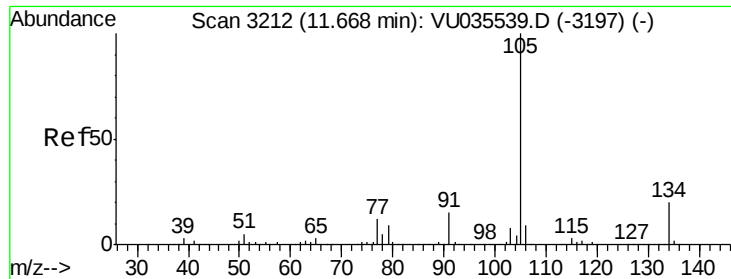
#78
 1,2,4-Trimethylbenzene
 Concen: 11.389 ug/l
 RT: 11.49 min Scan# 3158
 Delta R.T. -0.00 min
 Lab File: VU035547.D
 Acq: 29 Oct 2019 19:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.2	69.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





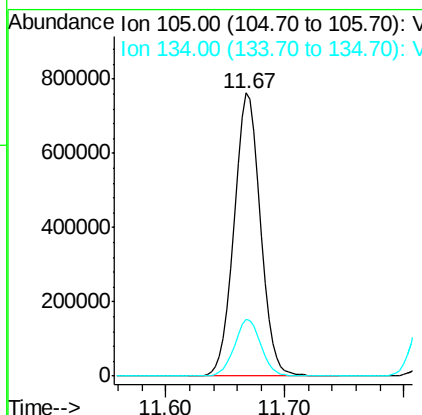
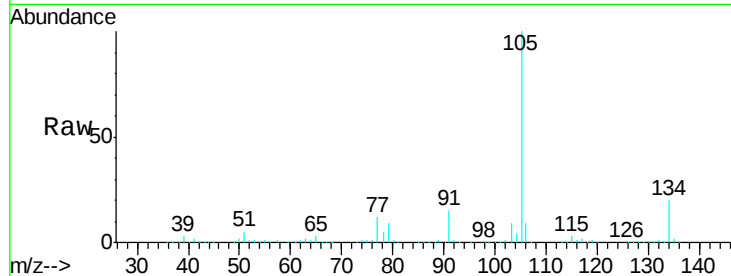
#79
 sec-Butylbenzene
 Concen: 11.085 ug/l
 RT: 11.67 min Scan# 3212
 Delta R.T. -0.00 min
 Lab File: VU035547.D
 Acq: 29 Oct 2019 19:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

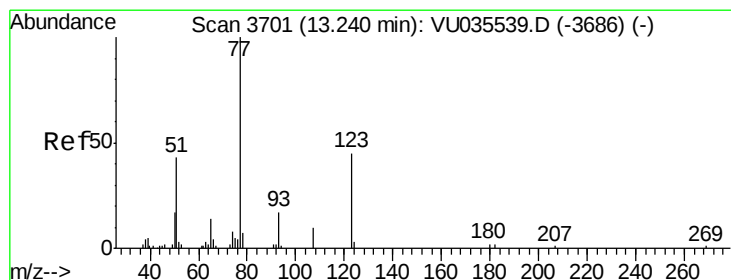
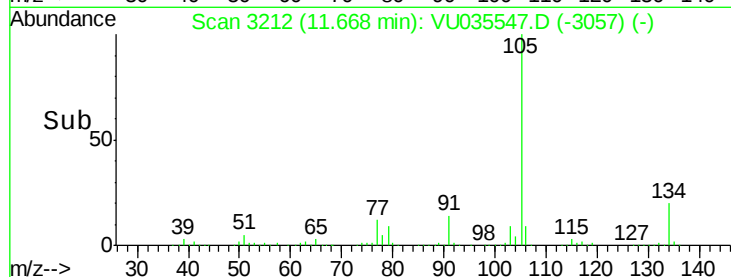
Tgt Ion: 105 Resp: 1171160
 Ion Ratio Lower Upper
 105 100
 134 20.2 15.9 23.9

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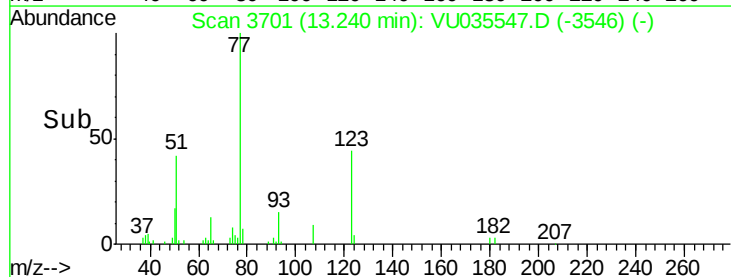
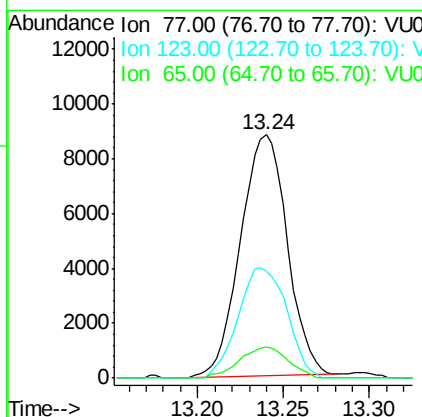
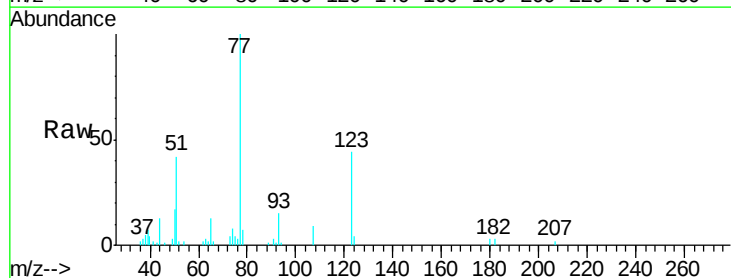


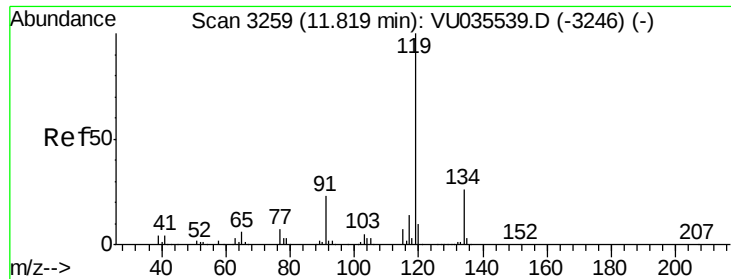
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#80
 Nitrobenzene
 Concen: 20.347 ug/l
 RT: 13.24 min Scan# 3701
 Delta R.T. -0.00 min
 Lab File: VU035547.D
 Acq: 29 Oct 2019 19:48

Tgt Ion: 77 Resp: 16650
 Ion Ratio Lower Upper
 77 100
 123 47.4 18.9 67.1
 65 13.4 11.2 14.2





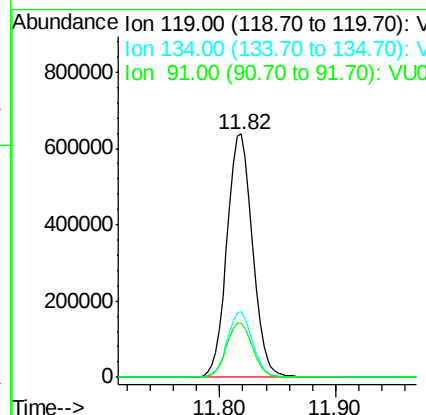
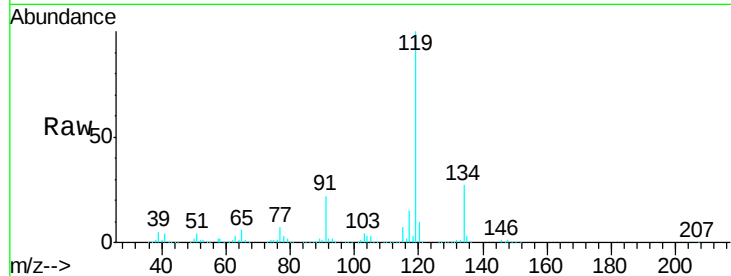
#81
p-Isopropyltoluene
Concen: 11.497 ug/l
RT: 11.82 min Scan# 3259
Delta R.T. -0.00 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

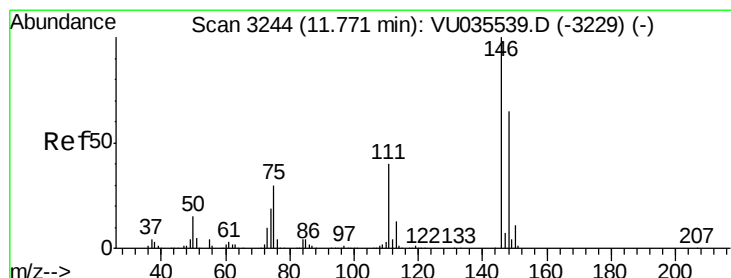
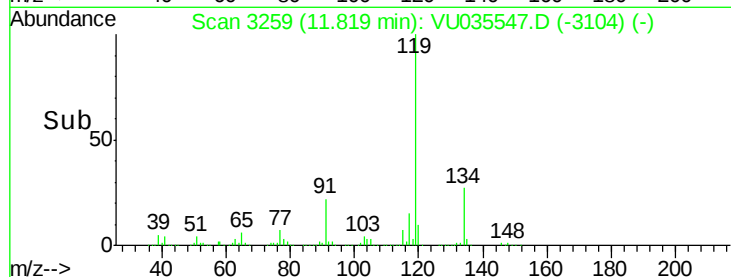
Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	17.0	25.4#
91	22.7	41.3	61.9#

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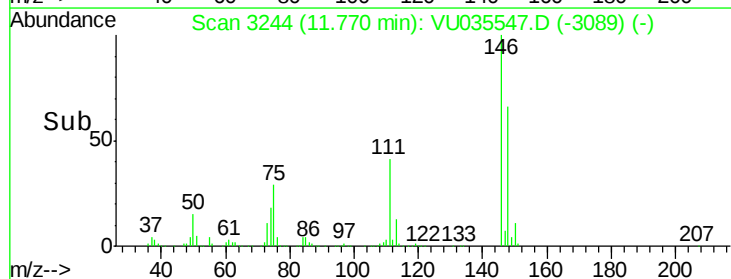
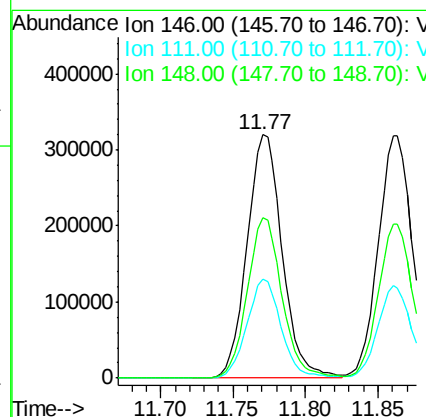
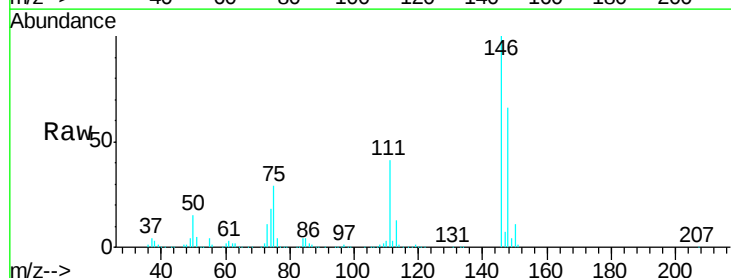


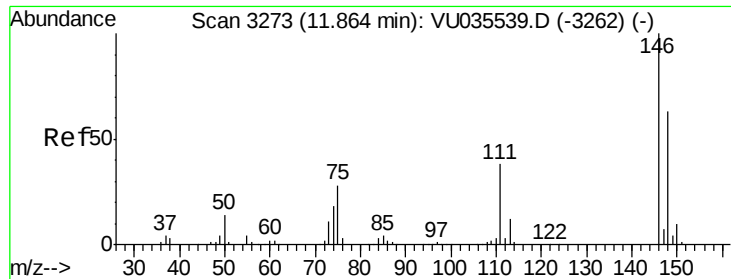
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#82
1,3-Dichlorobenzene
Concen: 10.427 ug/l
RT: 11.77 min Scan# 3244
Delta R.T. -0.00 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	31.8	47.6
148	64.9	50.9	76.3





#83

1,4-Dichlorobenzene

Concen: 10.886 ug/l

RT: 11.86 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

Instrument :

MSVOA_U

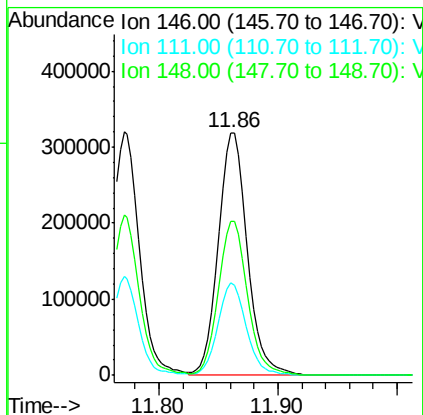
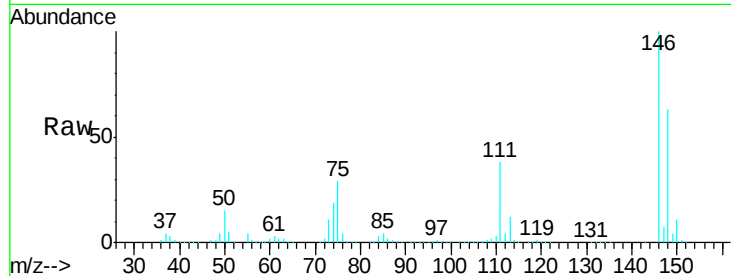
ClientSampleId :

VSTDCCC010EC

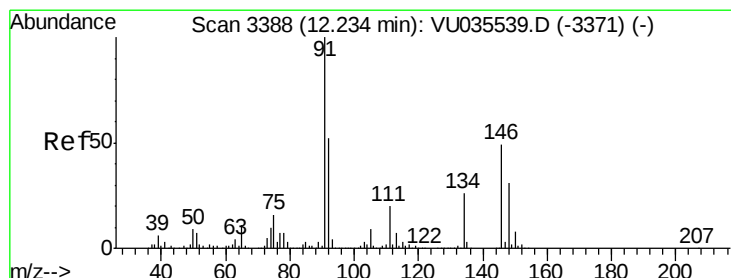
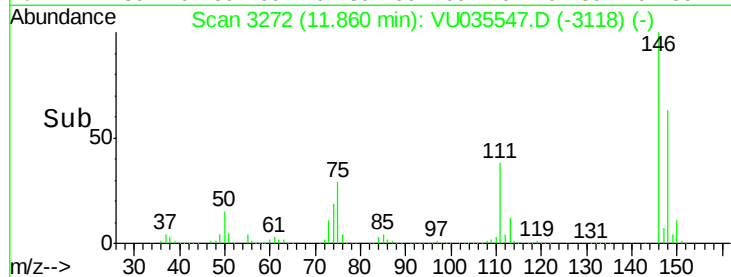
Tgt Ion:	146	Resp:	541427
Ion Ratio	Lower	Upper	
146	100		
111	37.4	30.1	45.1
148	64.0	51.0	76.4

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#84

n-Butylbenzene

Concen: 12.335 ug/l

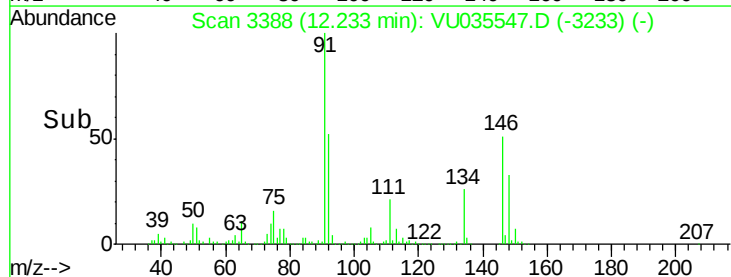
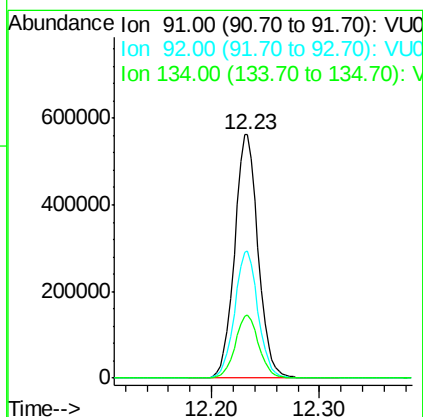
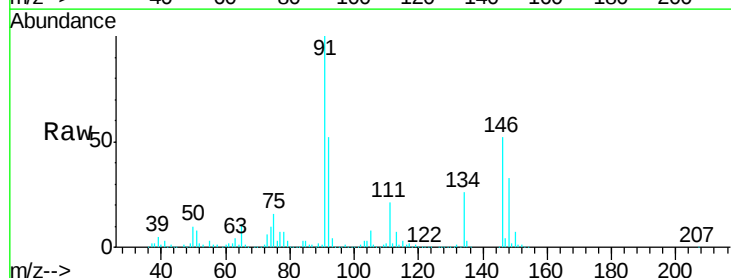
RT: 12.23 min Scan# 3388

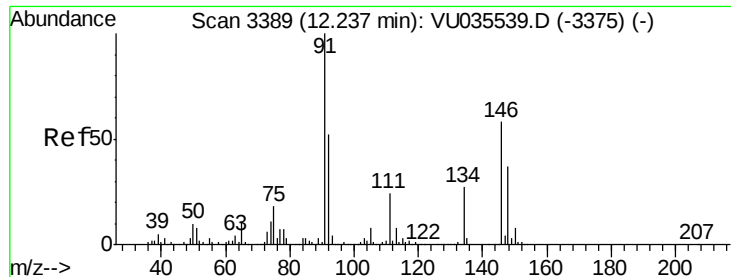
Delta R.T. -0.00 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

Tgt Ion:	91	Resp:	855811
Ion Ratio	Lower	Upper	
91	100		
92	51.9	41.4	62.0
134	25.9	20.6	30.8





#85

1,2-Dichlorobenzene

Concen: 10.538 ug/l

RT: 12.24 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

Instrument :

MSVOA_U

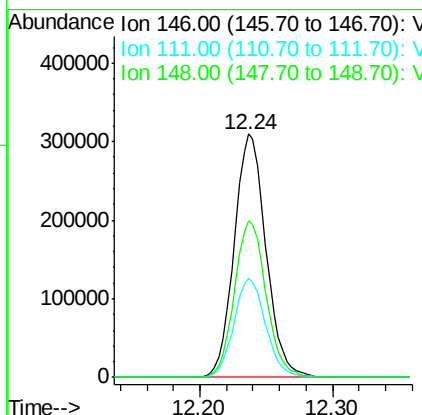
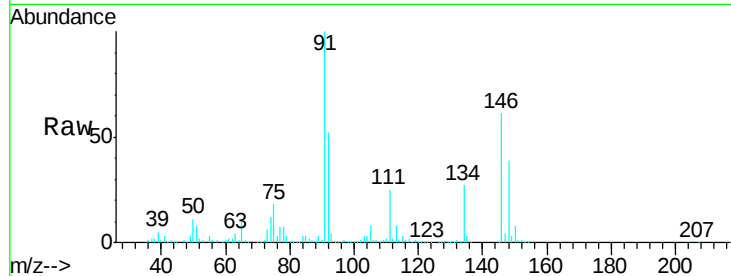
ClientSampleId :

VSTDCCC010EC

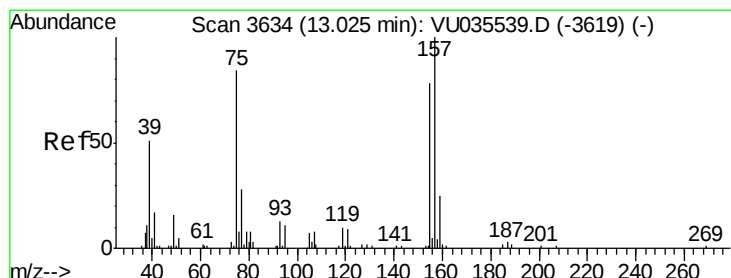
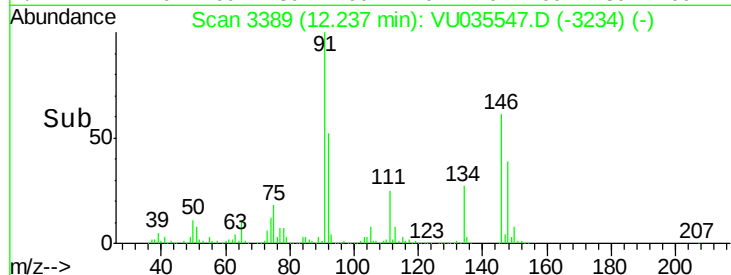
Tgt Ion:	146	Resp:	514684
Ion Ratio	Lower	Upper	
146	100		
111	40.7	20.5	61.5
148	64.2	32.0	96.2

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#86

1,2-Dibromo-3-Chloropropane

Concen: 11.137 ug/l

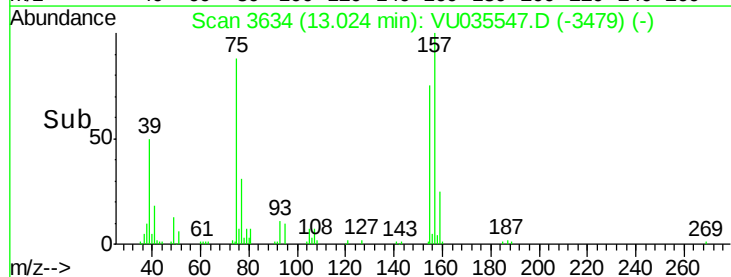
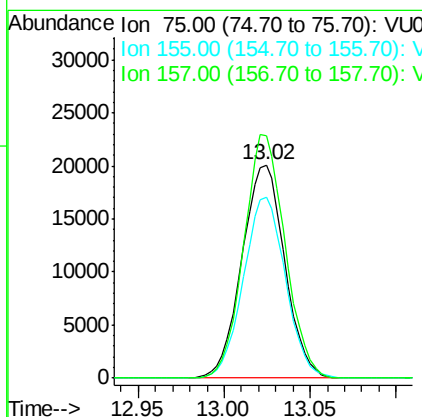
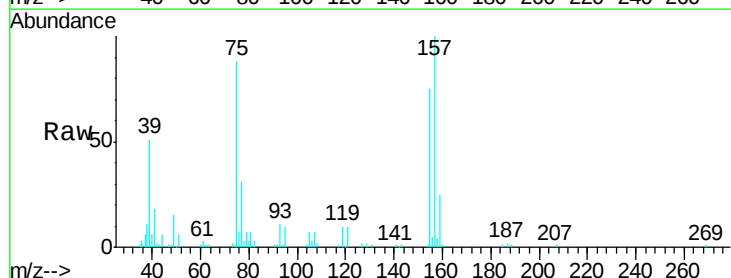
RT: 13.02 min Scan# 3634

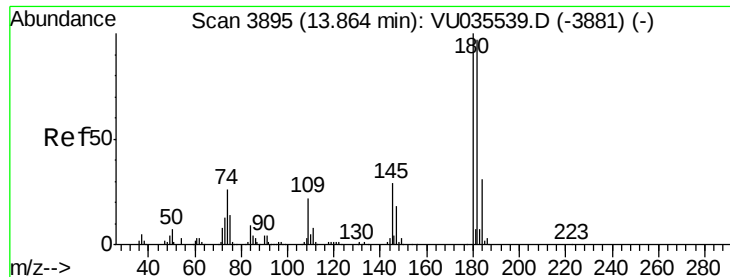
Delta R.T. -0.00 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

Tgt Ion:	75	Resp:	34633
Ion Ratio	Lower	Upper	
75	100		
155	83.4	71.3	106.9
157	110.1	91.2	136.8





#87

1,2,4-Trichlorobenzene

Concen: 11.130 ug/l

RT: 13.86 min Scan# 3895

Delta R.T. 0.00 min

Lab File: VU035547.D

Acq: 29 Oct 2019 19:48

Instrument :

MSVOA_U

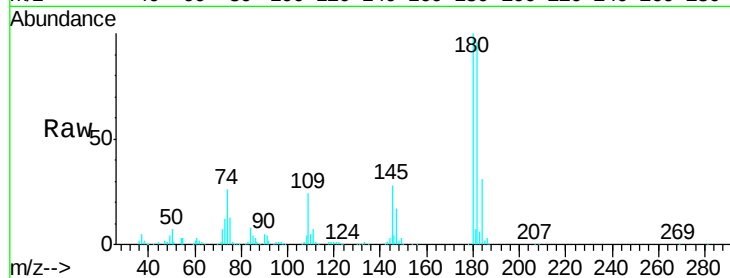
ClientSampleId :

VSTDCCC010EC

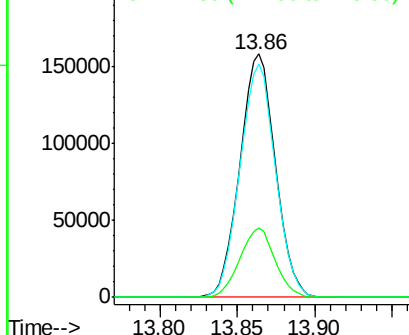
Tgt Ion:	180	Resp:	252338
Ion Ratio	Lower	Upper	
180	100		
182	96.0	77.4	116.0
145	28.3	22.6	33.8

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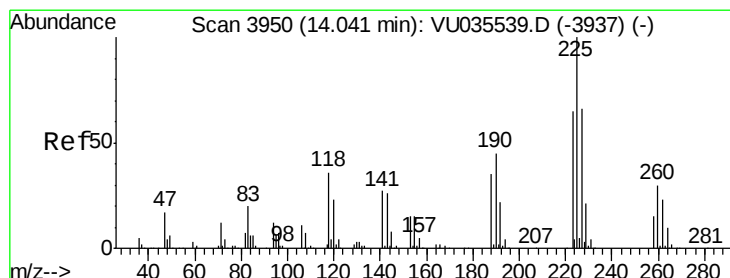
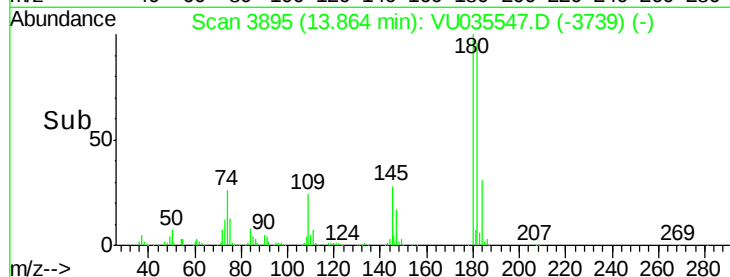
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Abundance Ion 179.70 (179.40 to 180.40): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



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#88

Hexachlorobutadiene

Concen: 10.969 ug/l

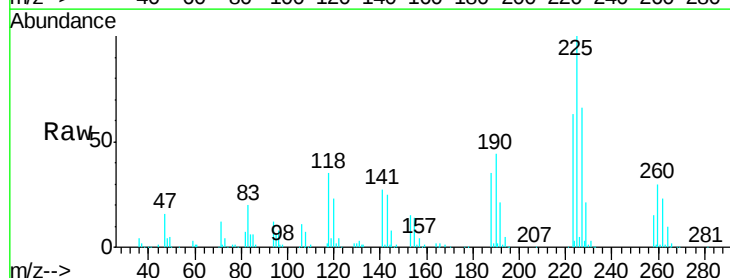
RT: 14.04 min Scan# 3950

Delta R.T. -0.00 min

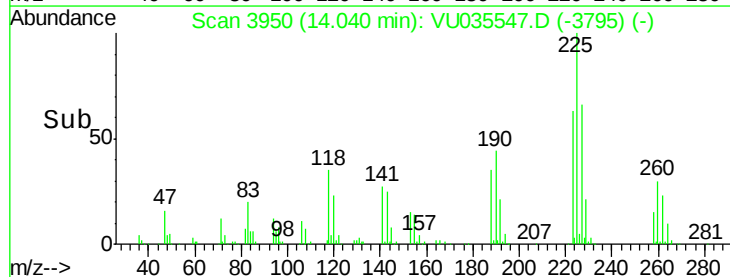
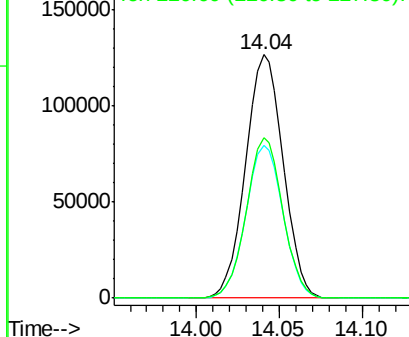
Lab File: VU035547.D

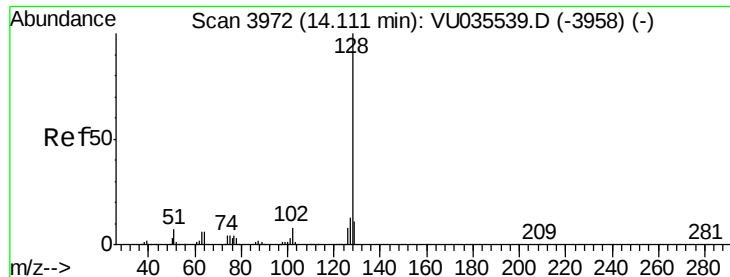
Acq: 29 Oct 2019 19:48

Tgt Ion:	225	Resp:	199538
Ion Ratio	Lower	Upper	
225	100		
223	62.0	50.7	76.1
227	63.9	52.2	78.4



Abundance Ion 224.60 (224.30 to 225.30): V
Ion 222.60 (222.30 to 223.30): V
Ion 226.60 (226.30 to 227.30): V





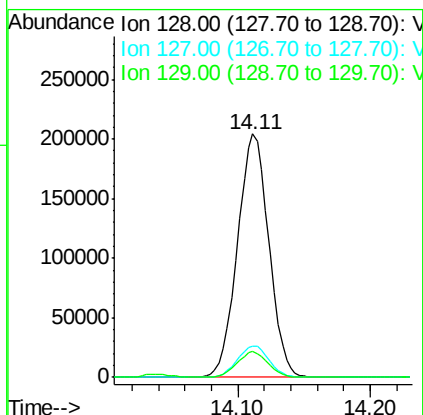
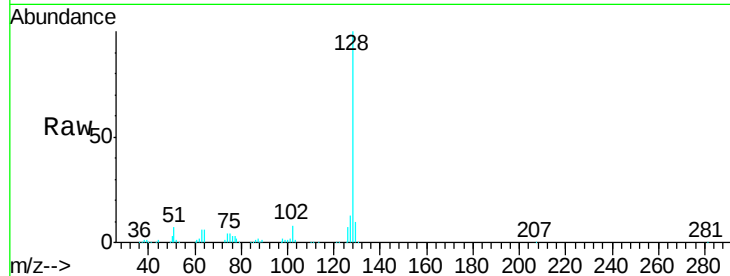
#89
Naphthalene
Concen: 9.911 ug/l
RT: 14.11 min Scan# 3972
Delta R.T. 0.00 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

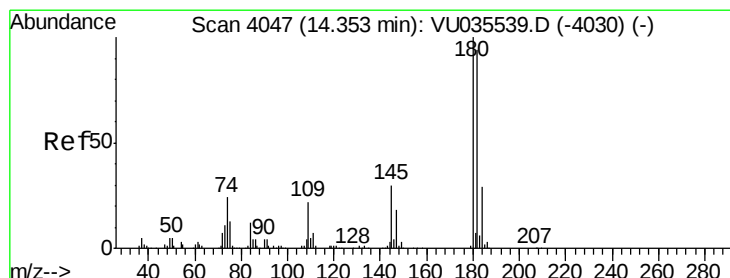
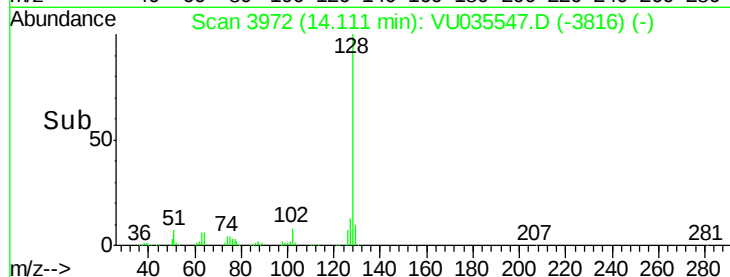
Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.4	8.6	13.0

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#90
1,2,3-Trichlorobenzene
Concen: 11.290 ug/l
RT: 14.35 min Scan# 4047
Delta R.T. 0.00 min
Lab File: VU035547.D
Acq: 29 Oct 2019 19:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.8	113.8
145	30.0	23.7	35.5

