

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102919\
 Data File : VU035535.D
 Acq On : 29 Oct 2019 11:23
 Operator : JC/SP
 Sample : VSTDIC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 10:38:28 AM

Quant Time: Oct 30 05:22:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 05:08:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.16	96	69641	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.66	95	22713	0.85	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.00%	
68) 1,2-Dichlorobenzene-d4	12.22	152	24400	0.85	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.00%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.40	85	15288	0.597	ug/l	89
3) Chloromethane	1.54	50	19983	0.699	ug/l	100
4) Vinyl Chloride	1.62	62	16253	0.585	ug/l	99
5) Bromomethane	1.88	94	9206	0.580	ug/l	96
6) Chloroethane	1.95	64	8853	0.551	ug/l	99
7) Trichlorofluoromethane	2.16	101	20634	0.605	ug/l	91
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	11421	0.620	ug/l	96
9) 1,1-Dichloroethene	2.61	96	11228	0.608	ug/l	95
11) Allyl Chloride	2.96	41	18410	0.604	ug/l	93
12) Acrylonitrile	3.38	53	6037	1.516	ug/l #	95
13) Acetone	2.68	43	14131	4.208	ug/l	93
14) Carbon Disulfide	2.82	76	38727	0.597	ug/l	99
15) Methylene Chloride	3.08	84	15877	0.729	ug/l	95
16) trans-1,2-Dichloroethene	3.39	96	11945	0.579	ug/l	98
17) 1,1-Dichloroethane	3.92	63	21314	0.544	ug/l	98
18) 2-Butanone	4.80	43	18889	3.989	ug/l	96
19) Cyclohexane	5.42	56	16480m	0.546	ug/l	
20) Methylcyclohexane	6.80	83	16449	0.516	ug/l	92
21) 2,2-Dichloropropane	4.71	77	20263	0.626	ug/l	93
22) cis-1,2-Dichloroethene	4.72	96	11905	0.533	ug/l	94
23) Diethyl Ether	2.41	59	8642	0.614	ug/l	98
24) tert-Butyl Alcohol	3.28	59	8440	4.364	ug/l #	92
25) Methyl tert-Butyl Ether	3.43	73	29156	0.648	ug/l #	87
26) Bromochloromethane	5.02	128	5562	0.586	ug/l	96
27) Chloroform	5.14	83	26477	0.647	ug/l	96
28) 1,1,1-Trichloroethane	5.36	97	18930	0.590	ug/l	97
29) 1,1-Dichloropropene	5.57	75	14631	0.530	ug/l	98
30) Carbon Tetrachloride	5.57	117	16161	0.563	ug/l	97
31) Isopropyl Ether	4.07	45	29647	0.527	ug/l	92
32) Ethyl-t-butyl ether	4.57	59	26703	0.548	ug/l	100
33) Tert-Amyl methyl ether	6.01	73	20910	0.510	ug/l	97
34) Propionitrile	4.86	54	4640	3.425	ug/l #	94
35) Benzene	5.82	78	46096	0.556	ug/l	99
36) 1,2-Dichloroethane	5.84	62	13498	0.625	ug/l	99
37) Trichloroethene	6.58	130	13477	0.582	ug/l	94
38) 1,2-Dichloropropane	6.84	63	13242	0.600	ug/l	93
39) Methacrylonitrile	5.05	41	3751	0.670	ug/l #	75
40) Methyl acrylate	4.93	55	5294	0.620	ug/l #	75
41) Tetrahydrofuran	5.15	42	4013	1.402	ug/l #	11
42) 1-Chlorobutane	5.50	56	20134	0.537	ug/l	95
43) Dibromomethane	6.96	93	6448	0.610	ug/l	95

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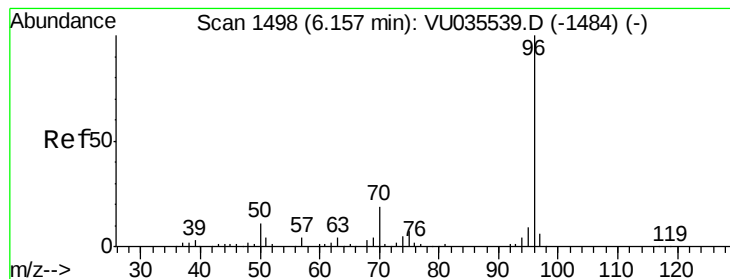
Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Bromodichloromethane	7.15	83	15680	0.584	ug/l	98
45) 4-Methyl-2-Pentanone	7.85	43	32713	3.033	ug/l	94
46) t-1,4-Dichloro-2-butene	10.87	75	4067m	0.906	ug/l	
47) Methyl methacrylate	7.01	69	9672	1.147	ug/l	94
48) Ethyl methacrylate	8.38	69	8013	0.526	ug/l	96
49) Toluene	8.01	92	23439	0.485	ug/l	94
50) t-1,3-Dichloropropene	8.25	75	13488	0.598	ug/l	93
51) cis-1,3-Dichloropropene	7.65	75	16131	0.578	ug/l	96
52) 1,1,2-Trichloroethane	8.44	97	9101	0.622	ug/l	97
53) 1,3-Dichloropropane	8.61	76	14986	0.610	ug/l	97
54) 2-Hexanone	8.74	43	22711	3.123	ug/l	91
55) Dibromochloromethane	8.84	129	10646	0.598	ug/l	99
56) 1,2-Dibromoethane	8.96	107	7826	0.579	ug/l	99
58) Tetrachloroethene	8.58	164	11681	0.533	ug/l	96
59) Chlorobenzene	9.48	112	29432	0.543	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.57	131	11825	0.587	ug/l	98
61) Pentachloroethane	11.46	117	9871	0.602	ug/l	96
62) Hexachloroethane	12.50	117	8902	0.609	ug/l	99
63) Ethyl Benzene	9.60	91	40382	0.467	ug/l	96
64) m/p-Xylenes	9.73	106	30518	0.874	ug/l #	8
65) o-Xylene	10.13	106	15416	0.463	ug/l	98
66) Styrene	10.15	104	22912	0.411	ug/l	96
67) Bromoform	10.32	173	6229	0.587	ug/l	98
69) Isopropylbenzene	10.51	105	38942	0.448	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.81	83	12191	0.644	ug/l #	64
71) 1,2,3-Trichloropropane	10.86	75	9148m	0.693	ug/l	
72) Bromobenzene	10.81	156	12292	0.519	ug/l	90
73) n-propylbenzene	10.93	120	10622	0.424	ug/l	99
74) 2-Chlorotoluene	11.02	126	10539	0.465	ug/l	100
75) 1,3,5-Trimethylbenzene	11.11	105	30099	0.391	ug/l	100
76) 4-Chlorotoluene	11.13	126	9896	0.428	ug/l	89
77) tert-Butylbenzene	11.45	119	33638	0.447	ug/l	99
78) 1,2,4-Trimethylbenzene	11.49	105	29974	0.385	ug/l	99
79) sec-Butylbenzene	11.67	105	40881	0.405	ug/l	100
80) Nitrobenzene	13.24	77	711	1.837	ug/l #	80
81) p-Isopropyltoluene	11.82	119	30944	0.370	ug/l #	69
82) 1,3-Dichlorobenzene	11.77	146	22147	0.455	ug/l	97
83) 1,4-Dichlorobenzene	11.87	146	20501	0.424	ug/l	97
84) n-Butylbenzene	12.23	91	23965	0.315	ug/l	99
85) 1,2-Dichlorobenzene	12.24	146	21665	0.487	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.03	75	1500	0.601	ug/l	84
87) 1,2,4-Trichlorobenzene	13.87	180	5083	0.210	ug/l	97
88) Hexachlorobutadiene	14.04	225	8924	0.472	ug/l	98
90) 1,2,3-Trichlorobenzene	14.36	180	5772	0.256	ug/l	99

(#) = 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: VU035535.D

Acq: 29 Oct 2019 11:23

Instrument :

MSVOA_U

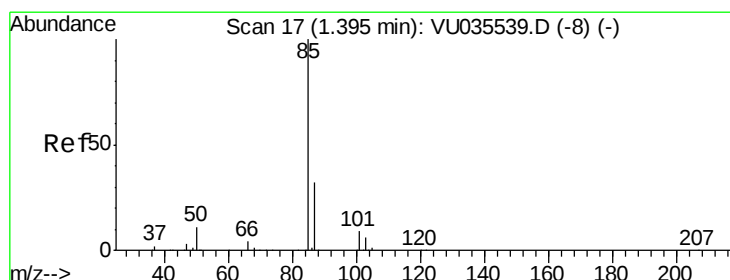
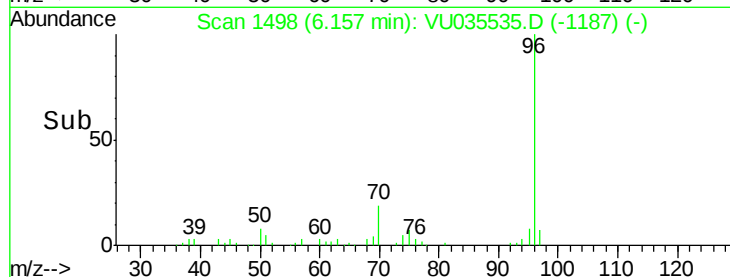
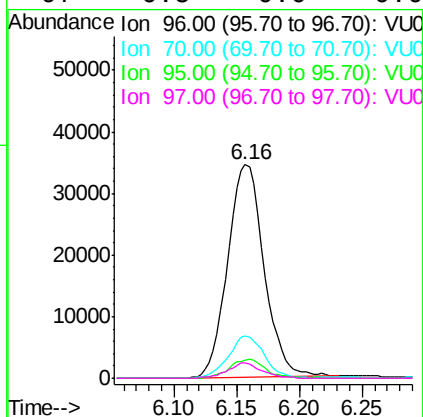
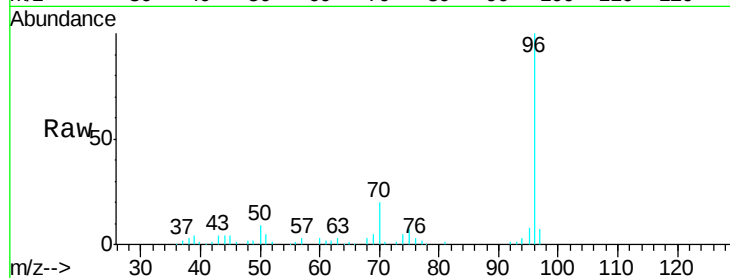
ClientSampleId :

VSTDIC0.5

Tgt Ion	Ratio	Lower	Upper
96	100		
70	19.2	15.8	23.8
95	8.8	7.4	11.2
97	6.5	0.0	0.0#

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#2

Dichlorodifluoromethane

Concen: 0.597 ug/l

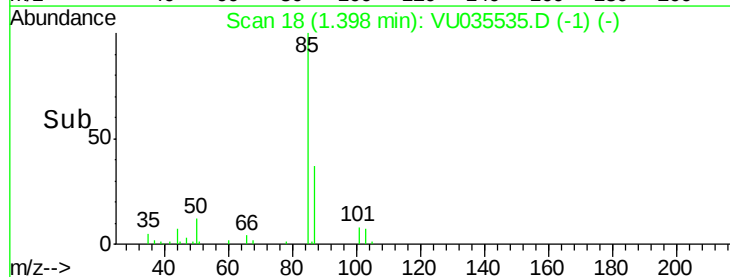
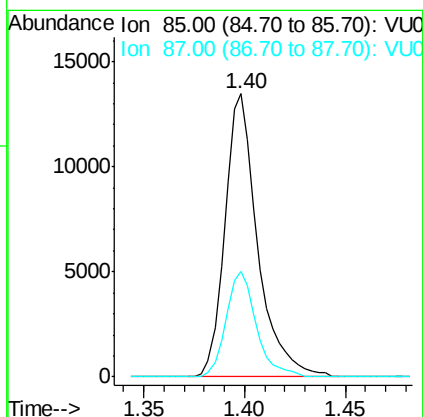
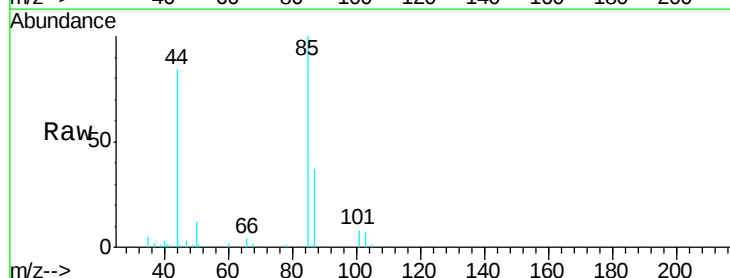
RT: 1.40 min Scan# 18

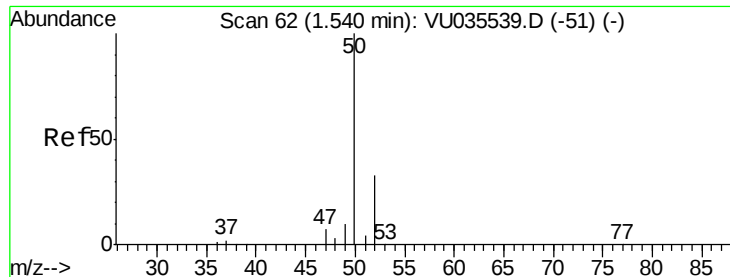
Delta R.T. 0.00 min

Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

Tgt Ion	Ratio	Lower	Upper
85	100		
87	37.5	15.8	47.4





#3

Chloromethane

Concen: 0.699 ug/l

RT: 1.54 min Scan# 62

Delta R.T. -0.00 min

Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 50 Resp: 19983

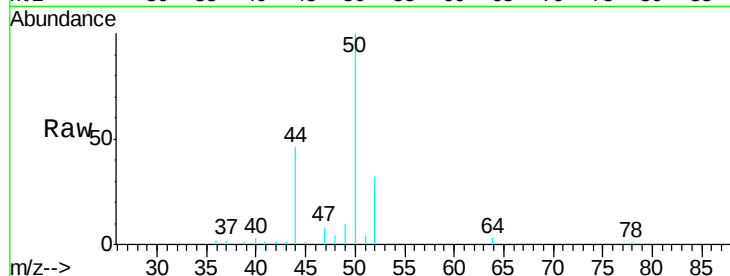
Ion Ratio Lower Upper

50 100

52 32.2 26.0 39.0

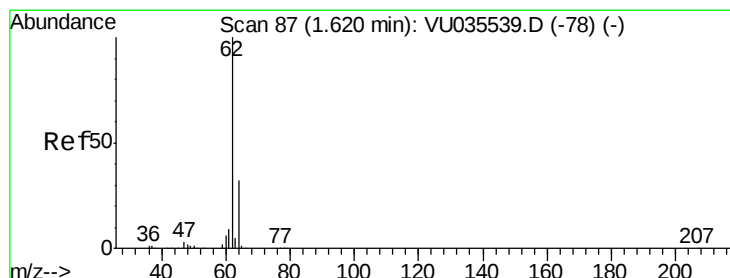
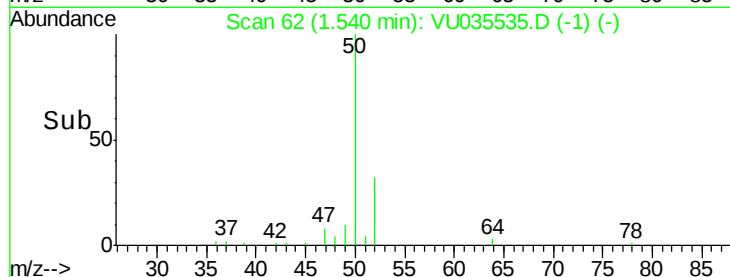
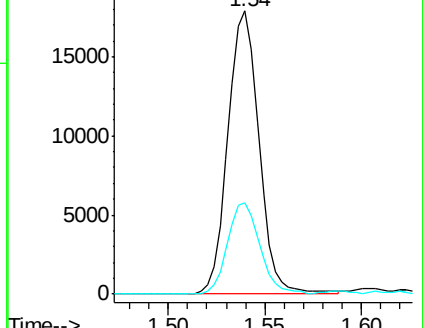
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Abundance Ion 50.00 (49.70 to 50.70): VU035539.D (-51) (-)

Ion 52.00 (51.70 to 52.70): VU035539.D (-51) (-)



#4

Vinyl Chloride

Concen: 0.585 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VU035535.D

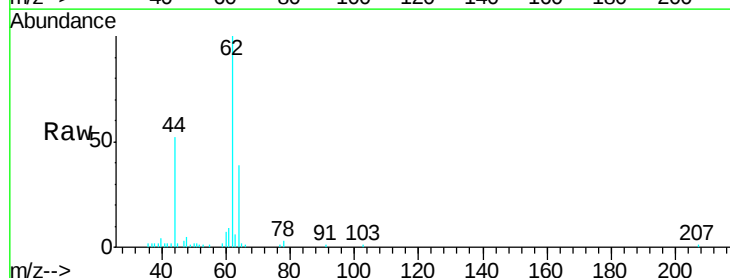
Acq: 29 Oct 2019 11:23

Tgt Ion: 62 Resp: 16253

Ion Ratio Lower Upper

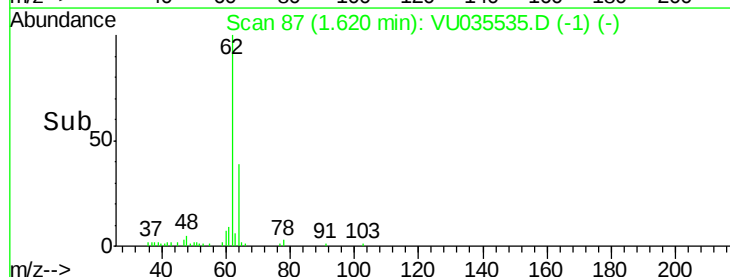
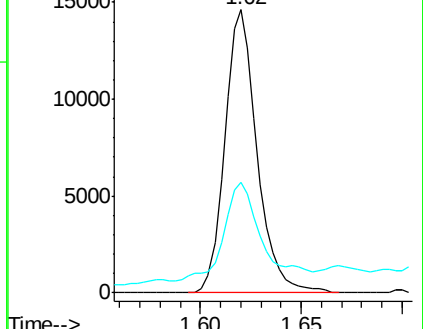
62 100

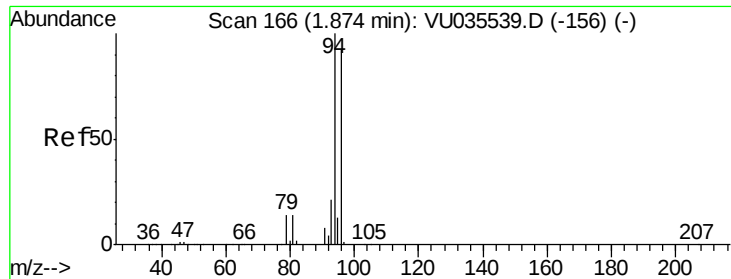
64 32.8 25.6 38.4



Abundance Ion 62.00 (61.70 to 62.70): VU035539.D (-78) (-)

Ion 64.00 (63.70 to 64.70): VU035539.D (-78) (-)





#5

Bromomethane

Concen: 0.580 ug/l

RT: 1.88 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 94 Resp: 9206

Ion Ratio Lower Upper

94 100

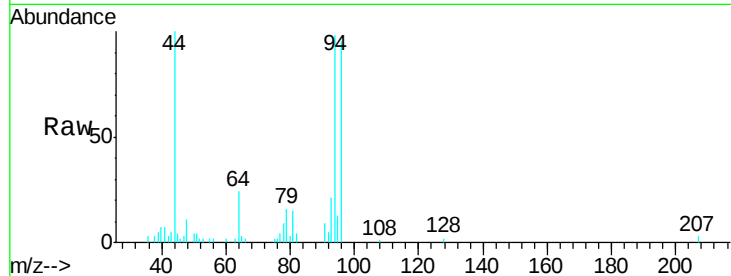
96 96.2 73.8 110.8

Manual Integrations

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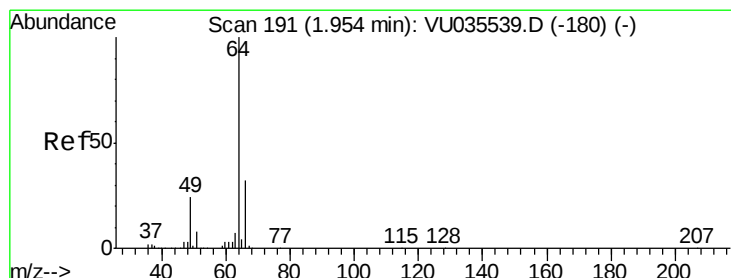
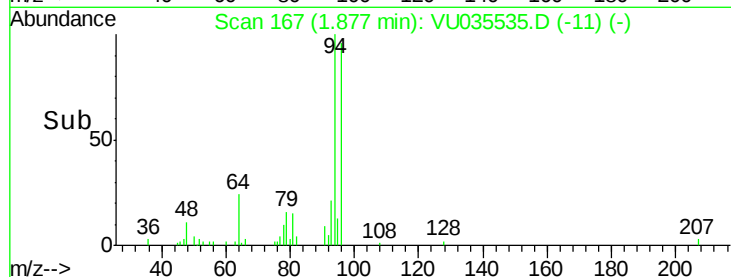


Abundance Ion 94.00 (93.70 to 94.70): VU035535.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU035535.D (-156) (-)

1.88

Time-->



#6

Chloroethane

Concen: 0.551 ug/l

RT: 1.95 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU035535.D

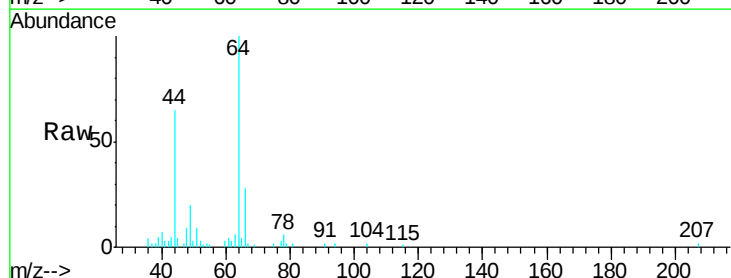
Acq: 29 Oct 2019 11:23

Tgt Ion: 64 Resp: 8853

Ion Ratio Lower Upper

64 100

66 31.9 25.9 38.9

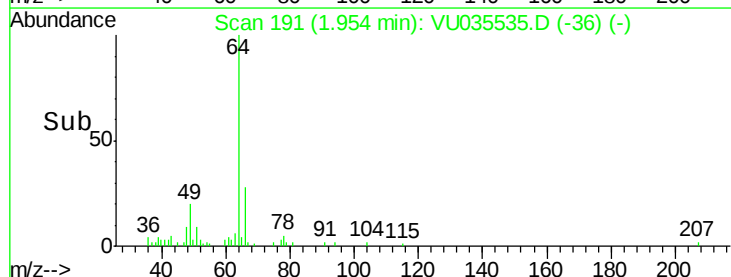


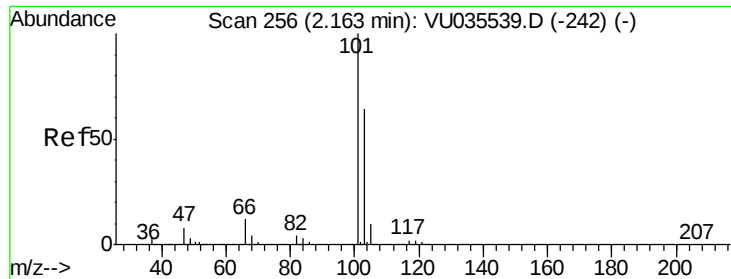
Abundance Ion 64.00 (63.70 to 64.70): VU035535.D (-180) (-)

Ion 66.00 (65.70 to 66.70): VU035535.D (-180) (-)

1.95

Time-->





#7

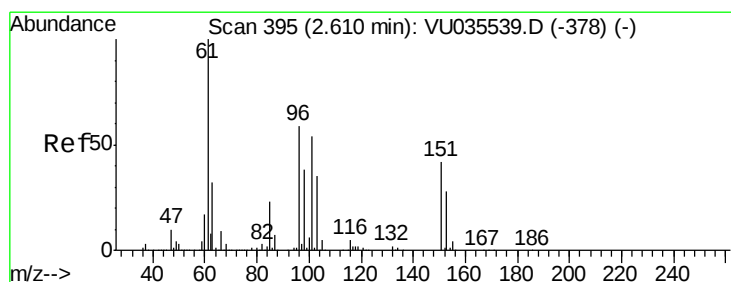
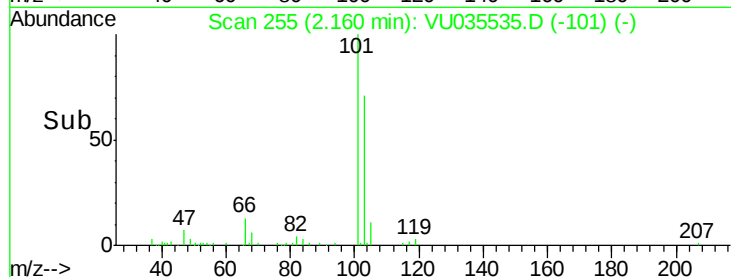
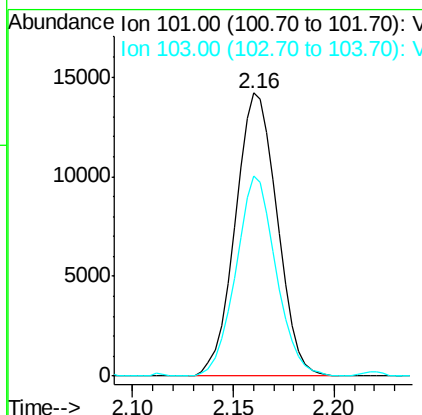
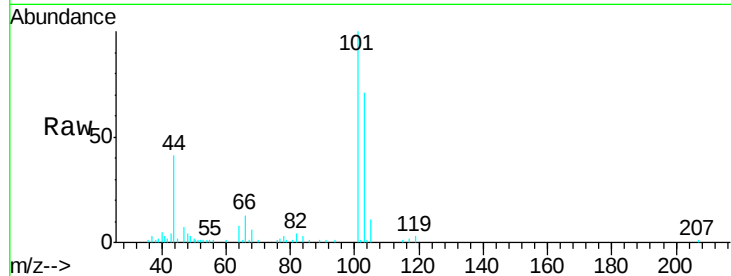
Trichlorofluoromethane
Concen: 0.605 ug/l
RT: 2.16 min Scan# 255
Delta R.T. -0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion	Ratio	Lower	Upper
101	100		
103	70.8	51.0	76.6

Manual Integrations
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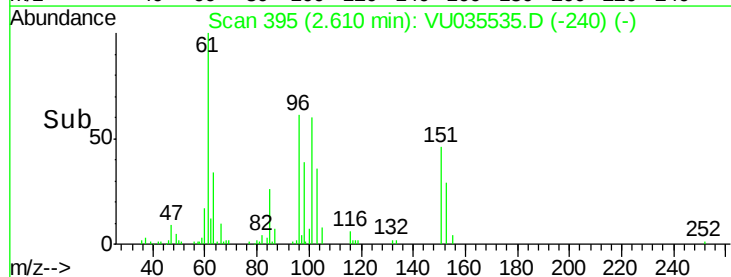
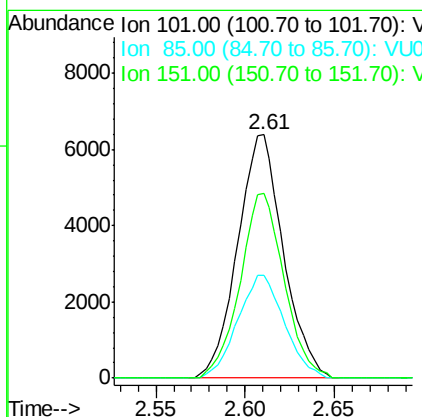
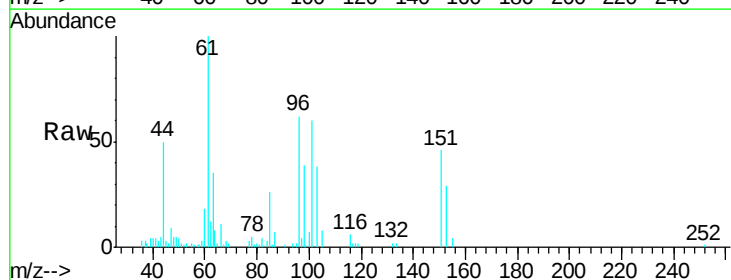
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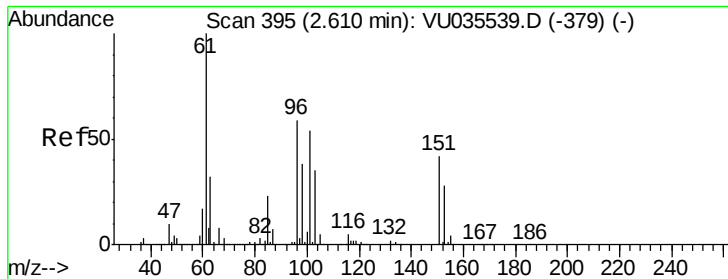


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.620 ug/l
RT: 2.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Tgt Ion	Ratio	Lower	Upper
101	100		
85	43.0	35.8	53.6
151	72.9	61.8	92.6





#9

1,1-Dichloroethene

Concen: 0.608 ug/l

RT: 2.61 min Scan# 395

Delta R.T. -0.00 min

Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

Instrument :

MSVOA_U

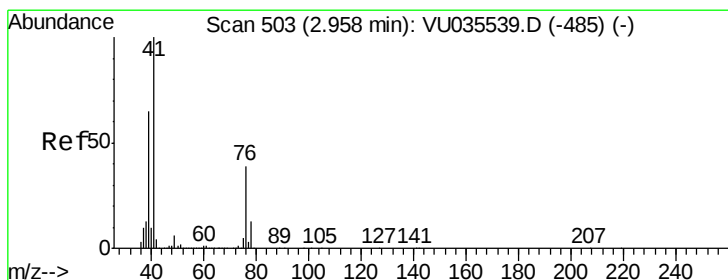
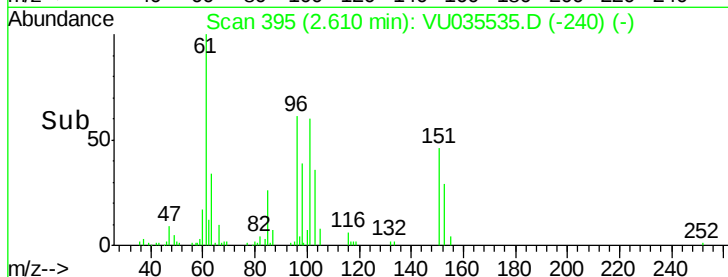
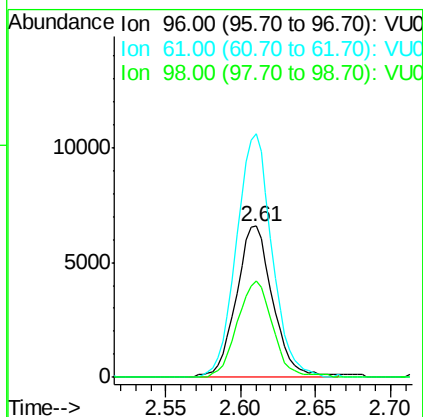
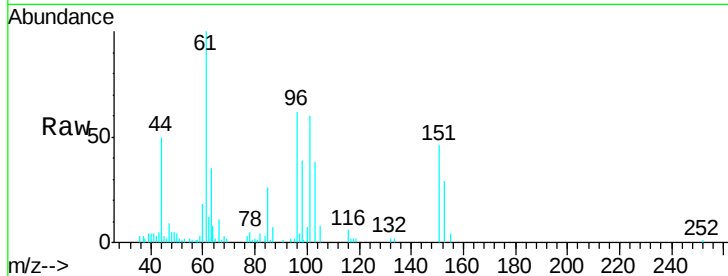
ClientSampleId :

VSTDIC0.5

Tgt Ion:	96	Resp:	11228
Ion	Ratio	Lower	Upper
96	100		
61	160.8	0.0	508.8
98	63.5	0.0	130.4

Manual Integrations
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#11

Allyl Chloride

Concen: 0.604 ug/l

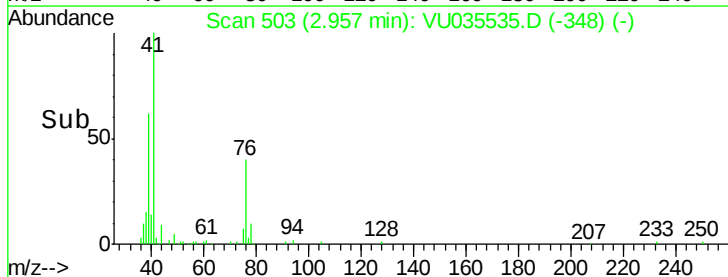
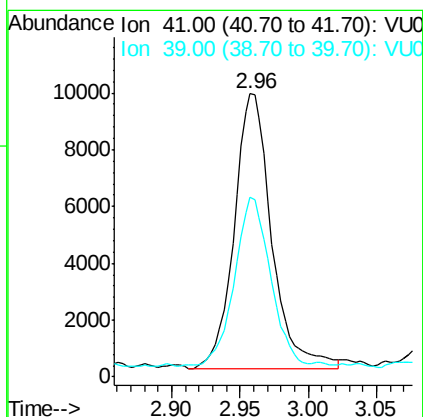
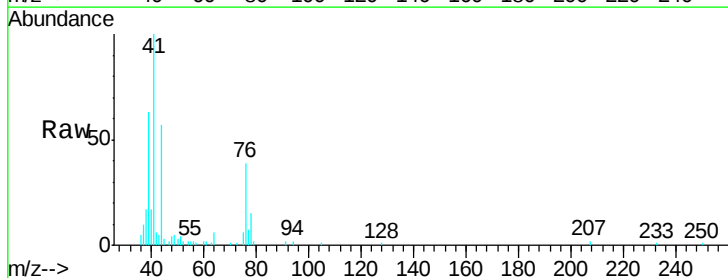
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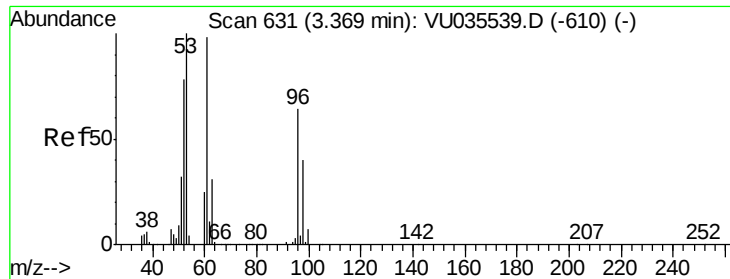
Delta R.T. -0.00 min

Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

Tgt Ion:	41	Resp:	18410
Ion	Ratio	Lower	Upper
41	100		
39	59.5	52.0	78.0





#12

Acrylonitrile

Concen: 1.516 ug/l

RT: 3.38 min Scan# 635

Delta R.T. 0.01 min

Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

Instrument :

MSVOA_U

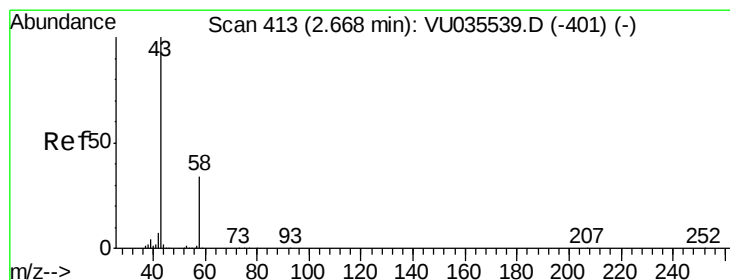
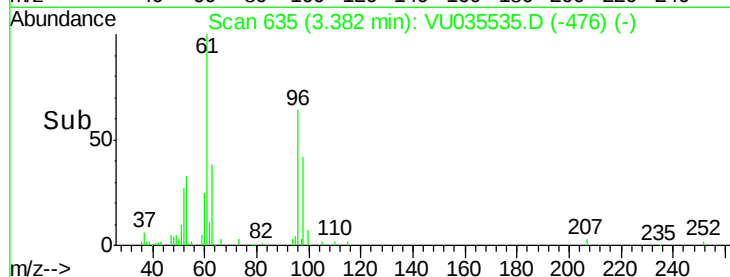
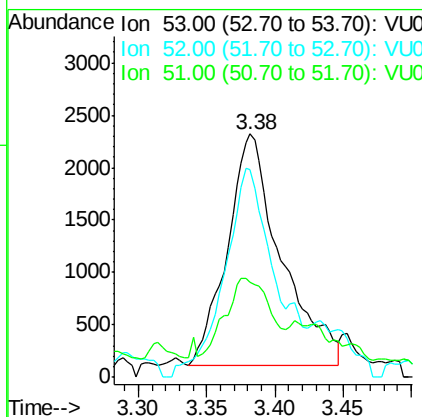
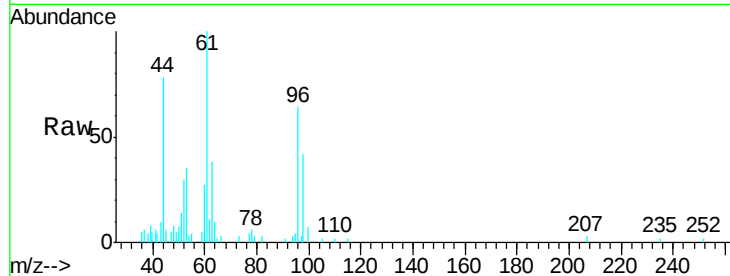
ClientSampleId :

VSTDIC0.5

Tgt Ion:	53	Resp:	6037
Ion Ratio	Lower	Upper	
53	100		
52	85.2	67.4	101.0
51	26.2	27.0	40.4#

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#13

Acetone

Concen: 4.208 ug/l

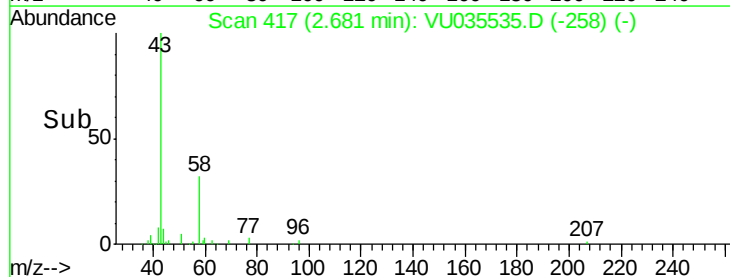
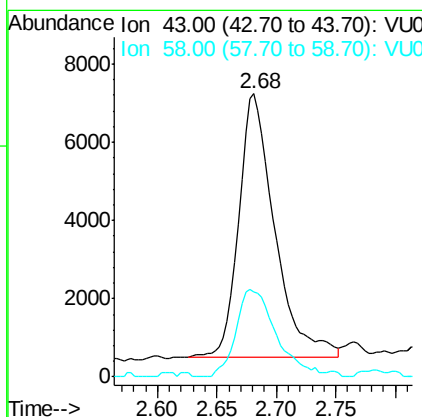
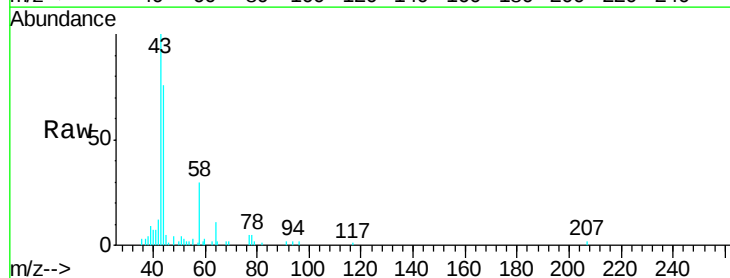
RT: 2.68 min Scan# 417

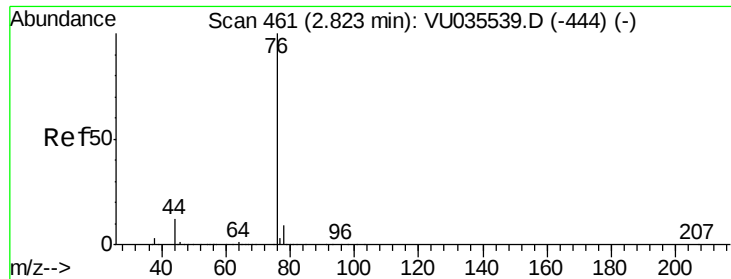
Delta R.T. 0.01 min

Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

Tgt Ion:	43	Resp:	14131
Ion Ratio	Lower	Upper	
43	100		
58	30.5	27.6	41.4





#14

Carbon Disulfide

Concen: 0.597 ug/l

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 76 Resp: 38727

Ion Ratio Lower Upper

76 100

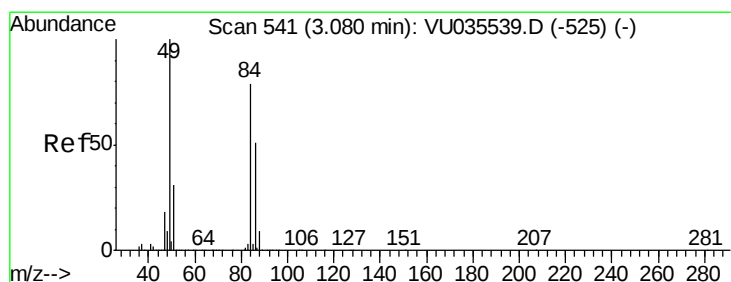
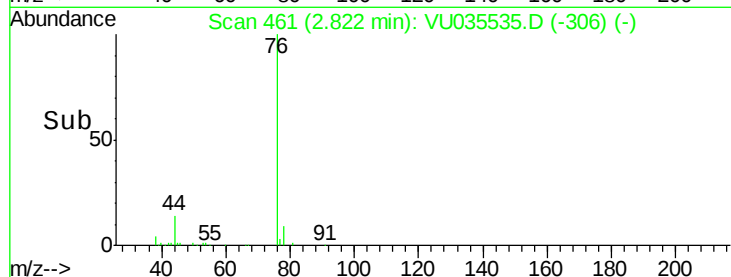
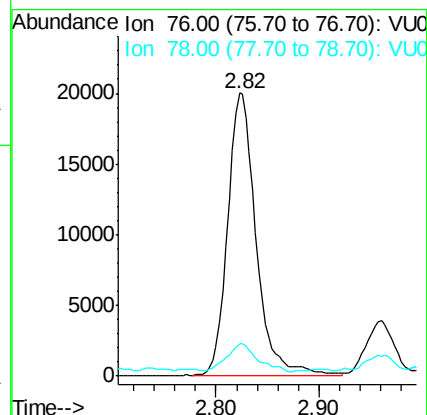
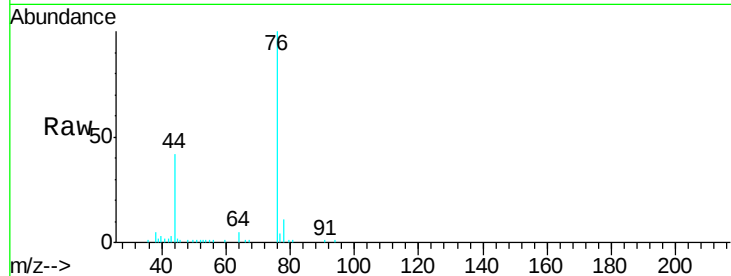
78 9.1 7.4 11.2

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#15

Methylene Chloride

Concen: 0.729 ug/l

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

Tgt Ion: 84 Resp: 15877

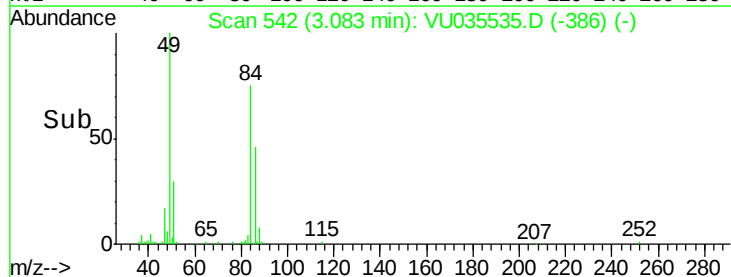
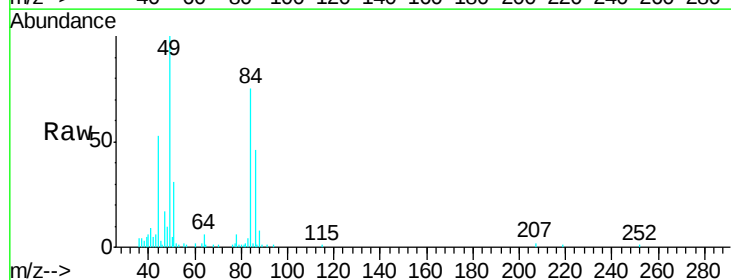
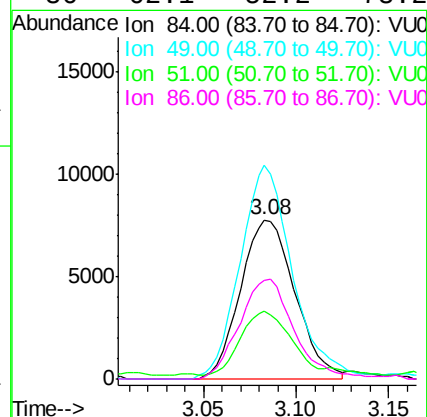
Ion Ratio Lower Upper

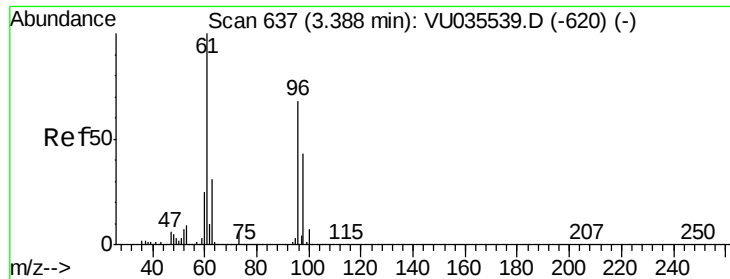
84 100

49 134.2 101.5 152.3

51 38.8 0.0 78.6

86 62.1 52.2 78.2





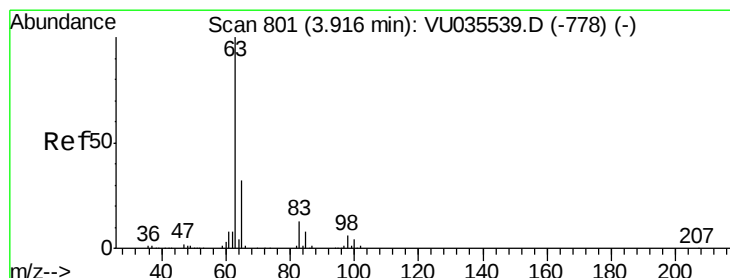
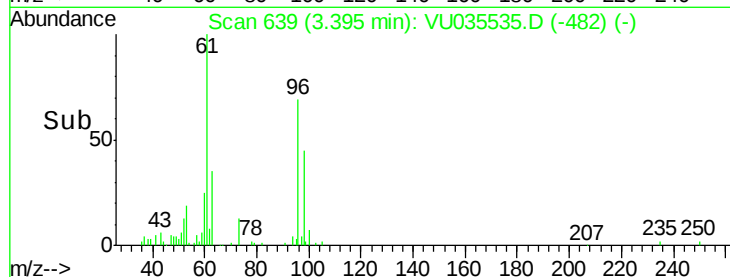
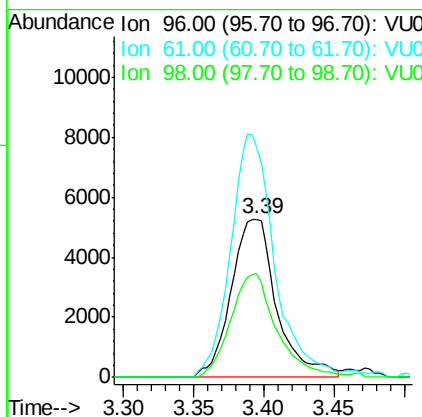
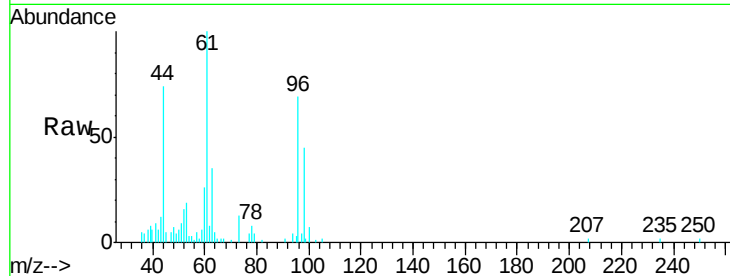
#16
trans-1,2-Dichloroethene
Concen: 0.579 ug/l
RT: 3.39 min Scan# 639
Delta R.T. 0.01 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.8	117.8	176.8
98	65.5	50.2	75.2

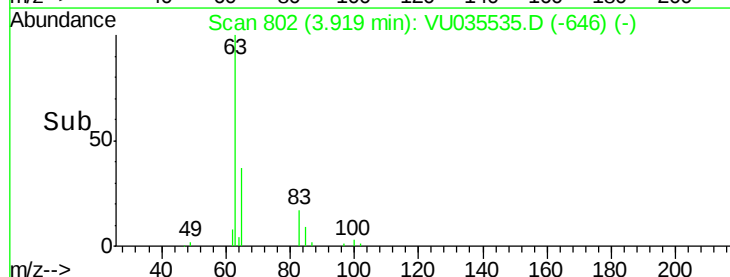
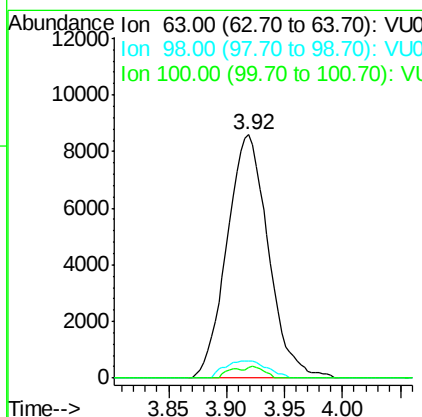
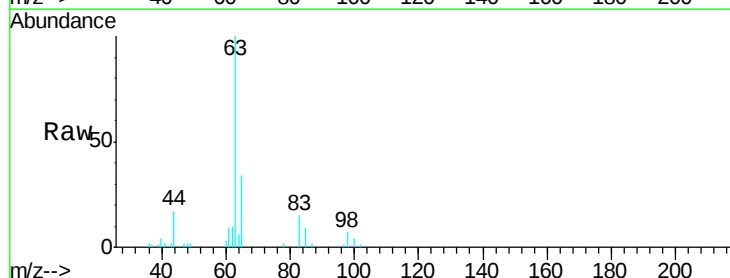
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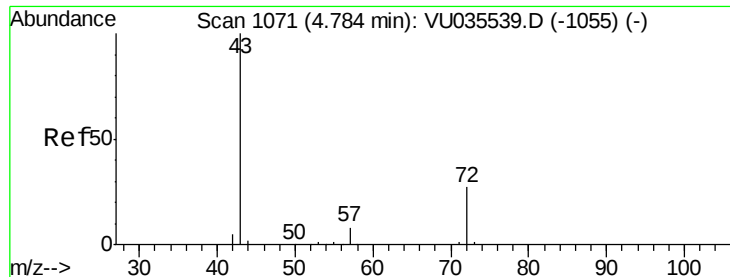
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#17
1,1-Dichloroethane
Concen: 0.544 ug/l
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.1	9.3
100	4.3	2.1	6.3





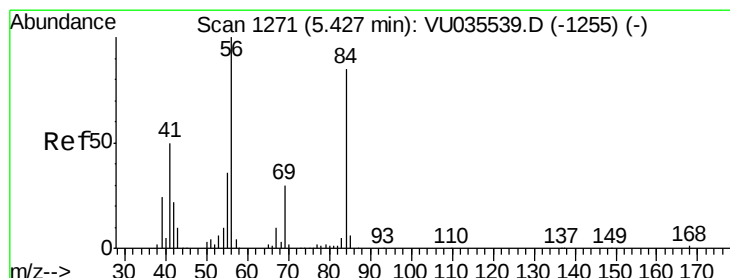
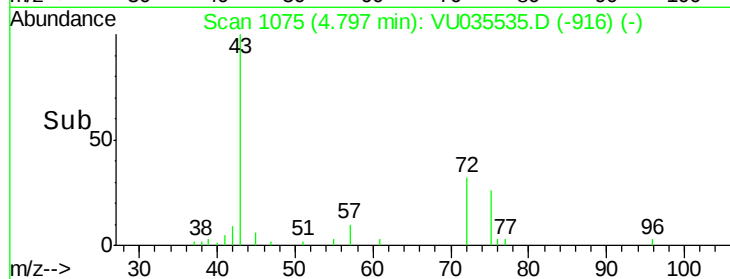
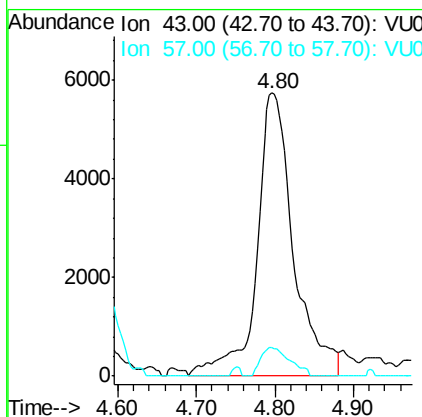
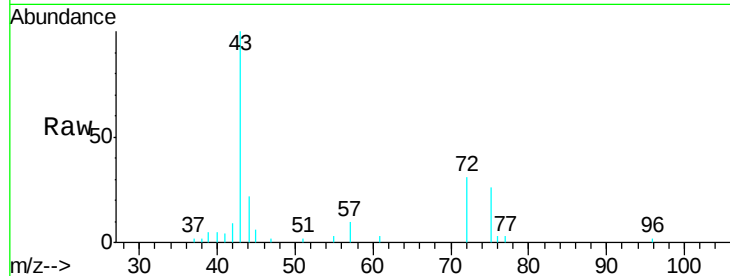
#18
2-Butanone
Concen: 3.989 ug/l
RT: 4.80 min Scan# 1075
Delta R.T. 0.01 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 18889
Ion Ratio Lower Upper
43 100
57 10.1 0.0 17.0

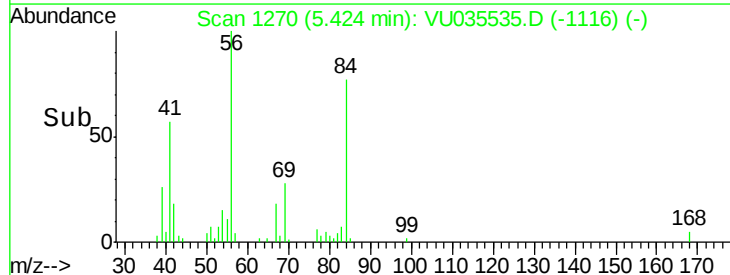
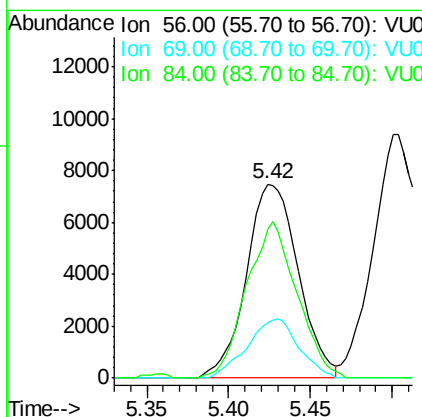
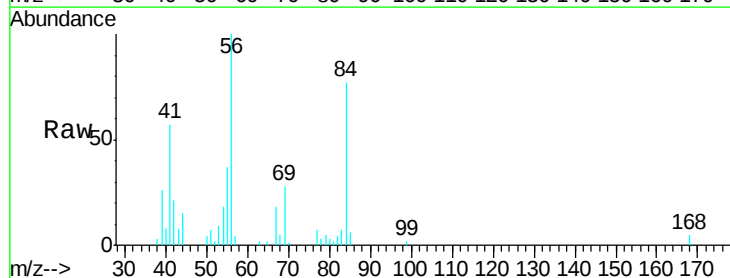
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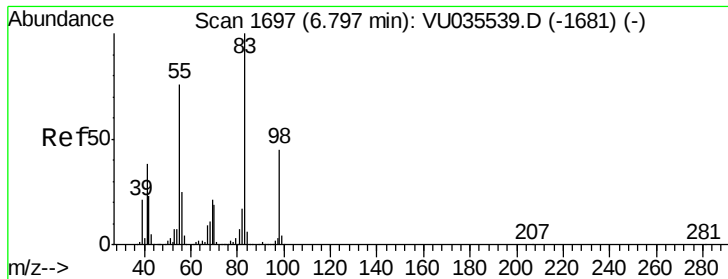
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#19
Cyclohexane
Concen: 0.546 ug/l m
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Tgt Ion: 56 Resp: 16480
Ion Ratio Lower Upper
56 100
69 30.1 26.4 39.6
84 78.4 72.9 109.3





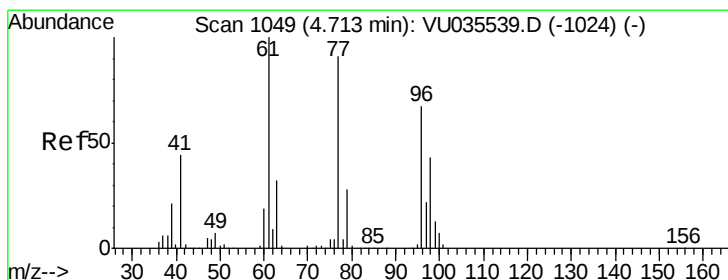
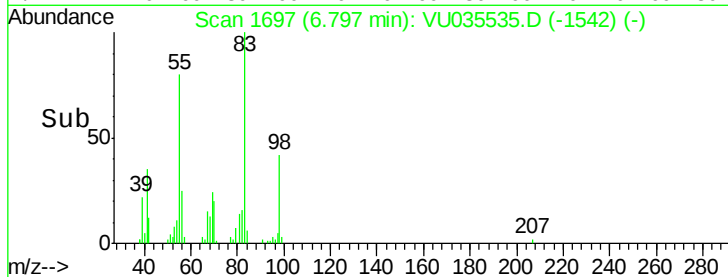
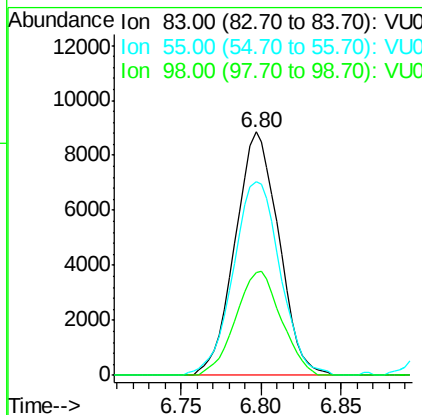
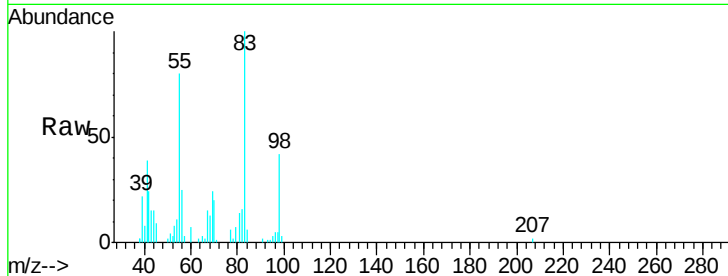
#20
Methylcyclohexane
Concen: 0.516 ug/l
RT: 6.80 min Scan# 1697
Delta R.T. -0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion	Ratio	Lower	Upper
83	100		
55	85.8	61.2	91.8
98	44.5	36.7	55.1

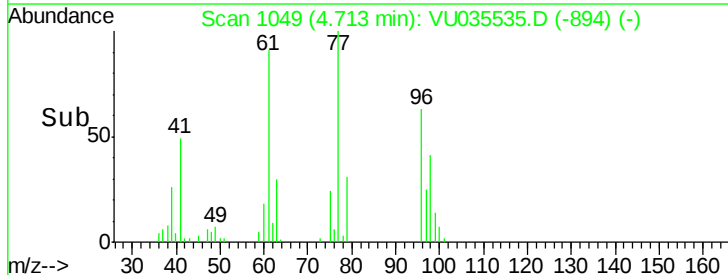
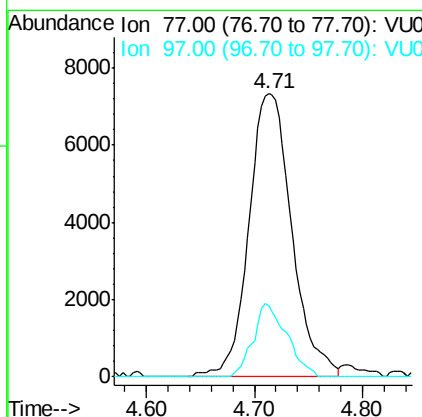
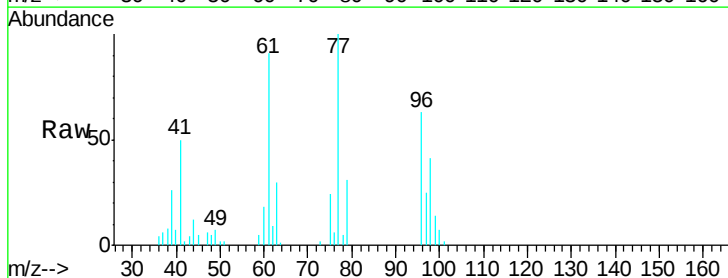
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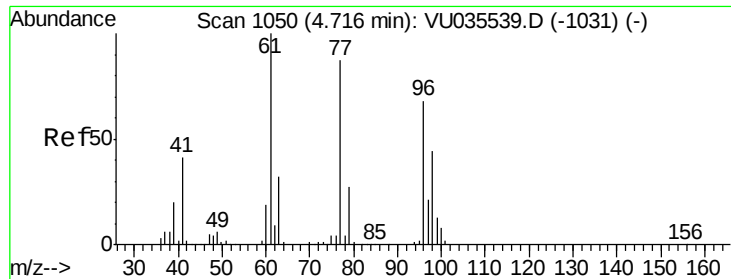
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#21
2,2-Dichloropropane
Concen: 0.626 ug/l
RT: 4.71 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Tgt Ion	Ratio	Lower	Upper
77	100		
97	20.2	18.8	28.2





#22

cis-1,2-Dichloroethene

Concen: 0.533 ug/l

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

Instrument :

MSVOA_U

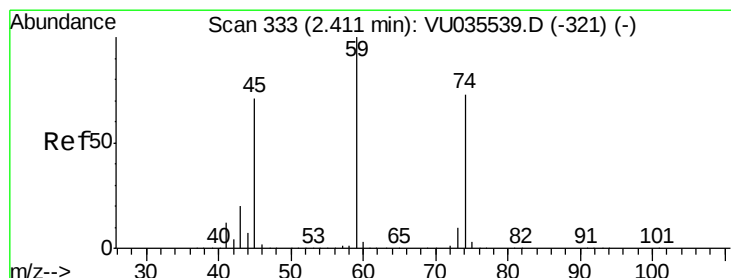
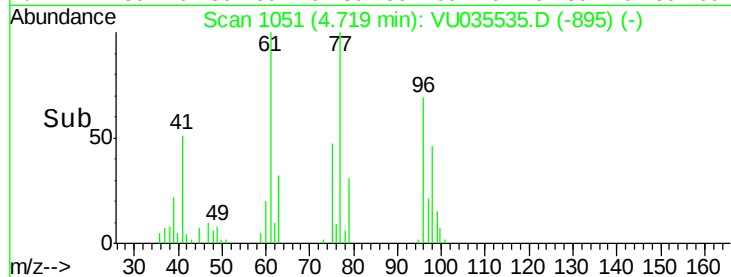
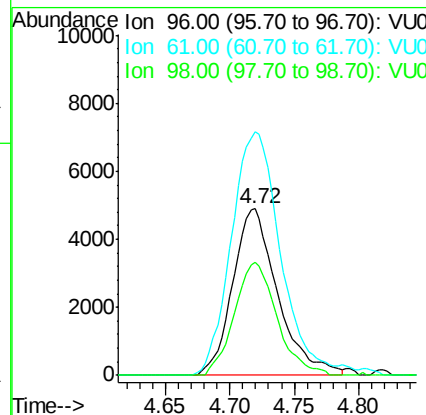
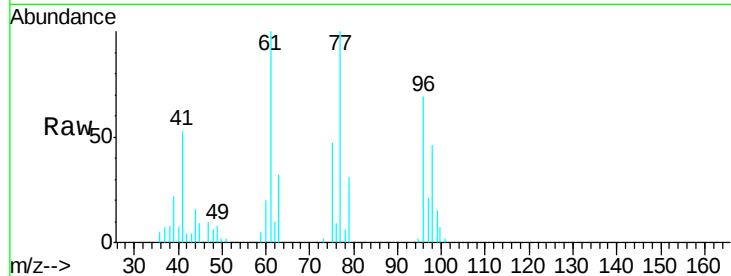
ClientSampleId :

VSTDIC0.5

Tgt Ion:	96	Resp:	11905
Ion	Ratio	Lower	Upper
96	100		
61	158.7	0.0	370.5
98	63.9	31.8	95.4

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#23

Diethyl Ether

Concen: 0.614 ug/l

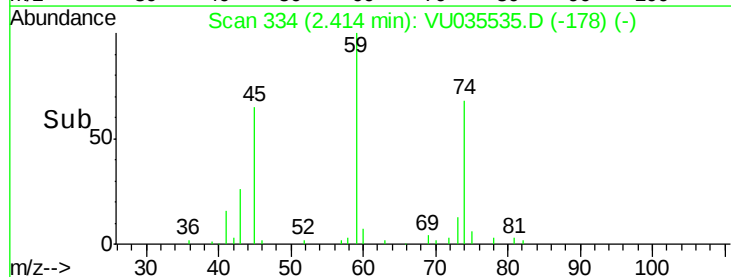
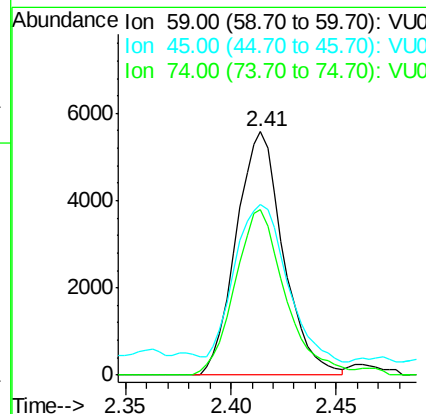
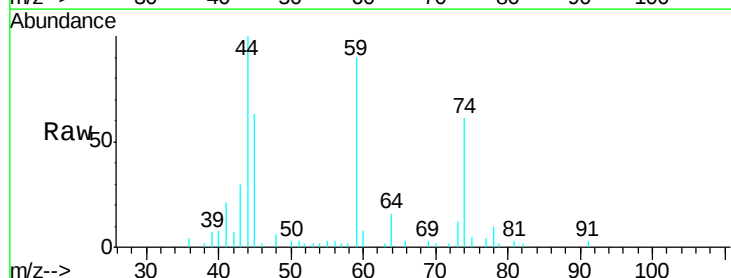
RT: 2.41 min Scan# 334

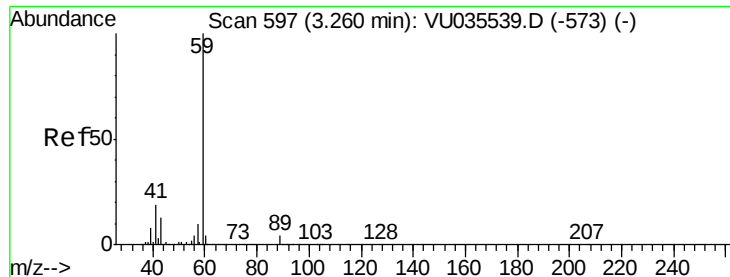
Delta R.T. 0.00 min

Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

Tgt Ion:	59	Resp:	8642
Ion	Ratio	Lower	Upper
59	100		
45	72.5	56.9	85.3
74	73.0	59.5	89.3





#24

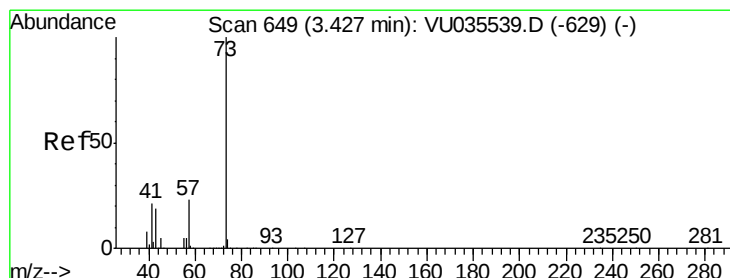
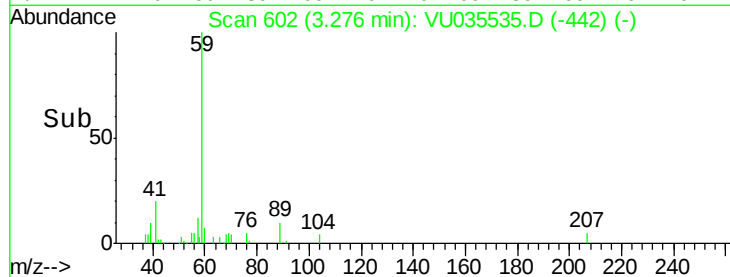
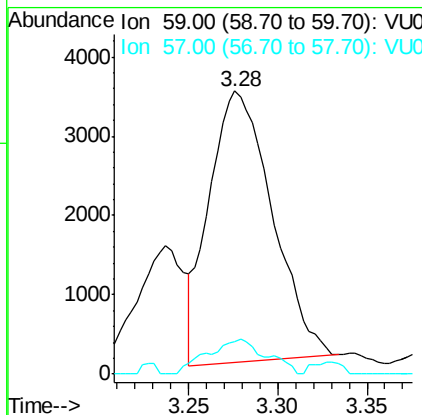
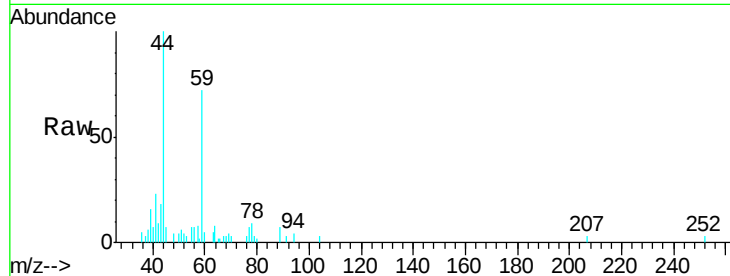
tert-Butyl Alcohol
Concen: 4.364 ug/l
RT: 3.28 min Scan# 602
Delta R.T. 0.02 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 59 Resp: 8440
Ion Ratio Lower Upper
59 100
57 12.0 7.4 11.0#

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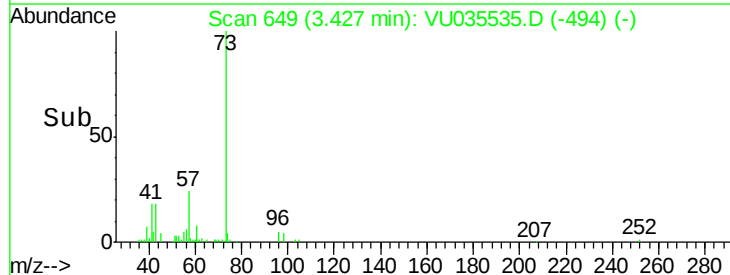
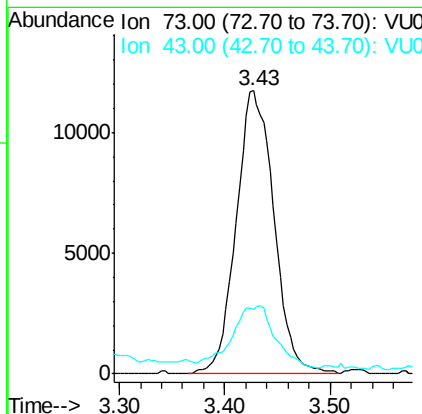
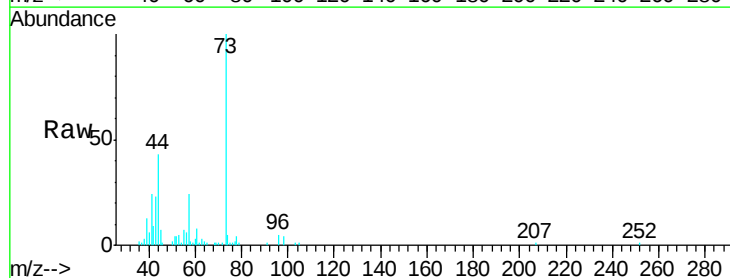
MMDadoda
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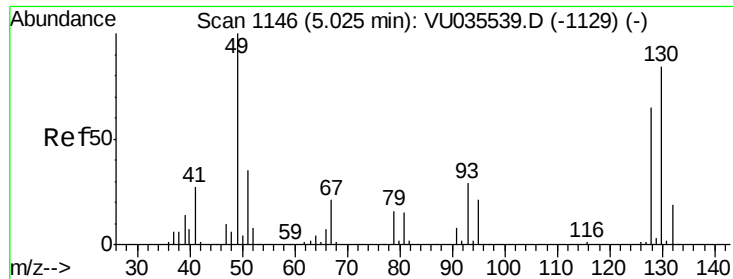


#25

Methyl tert-Butyl Ether
Concen: 0.648 ug/l
RT: 3.43 min Scan# 649
Delta R.T. -0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Tgt Ion: 73 Resp: 29156
Ion Ratio Lower Upper
73 100
43 25.3 15.4 23.2#





#26

Bromochloromethane

Concen: 0.586 ug/l

RT: 5.02 min Scan# 1146

Delta R.T. -0.00 min

Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

Instrument :

MSVOA_U

ClientSampleId :

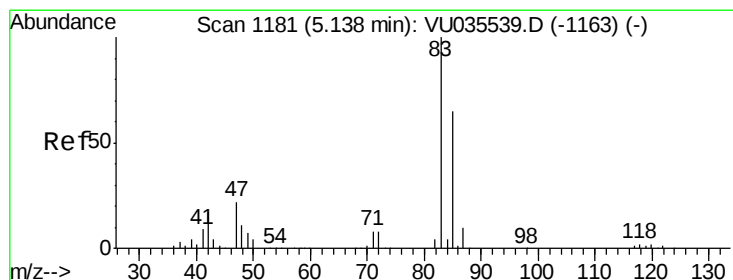
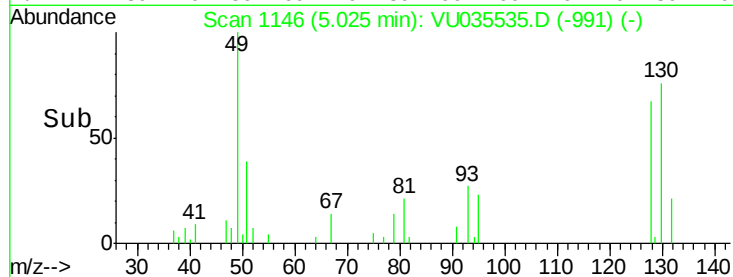
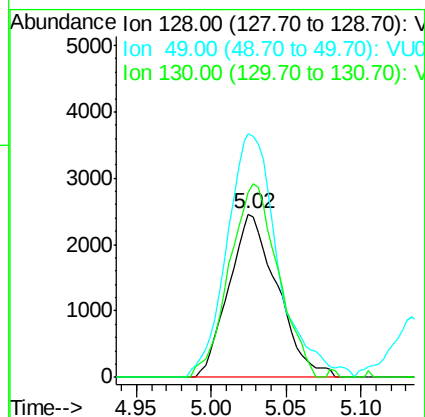
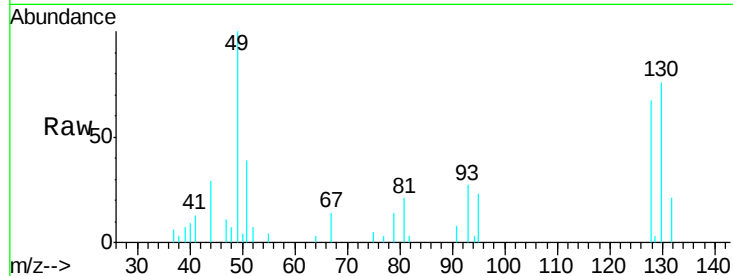
VSTDIC0.5

Tgt Ion: 128 Resp: 5562

Ion	Ratio	Lower	Upper
128	100		
49	156.9	0.0	309.0
130	119.0	101.8	152.8

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#27

Chloroform

Concen: 0.647 ug/l

RT: 5.14 min Scan# 1181

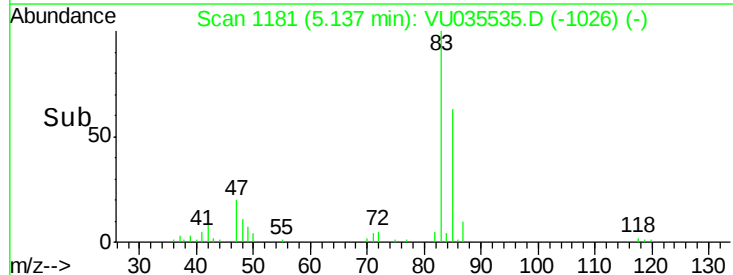
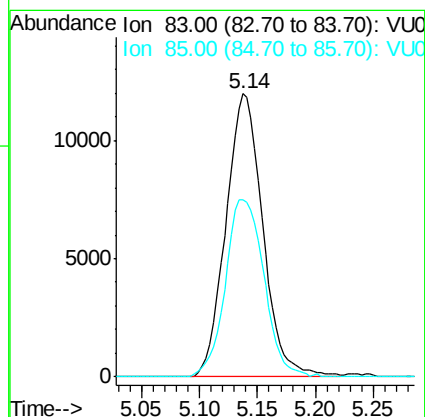
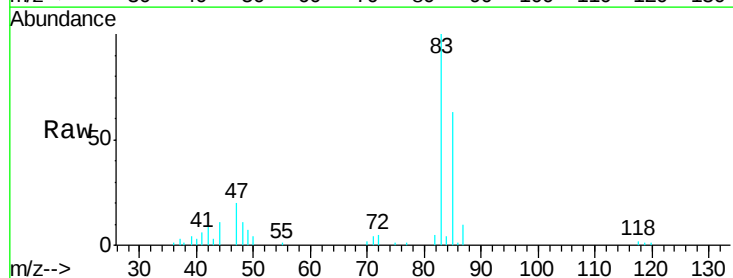
Delta R.T. -0.00 min

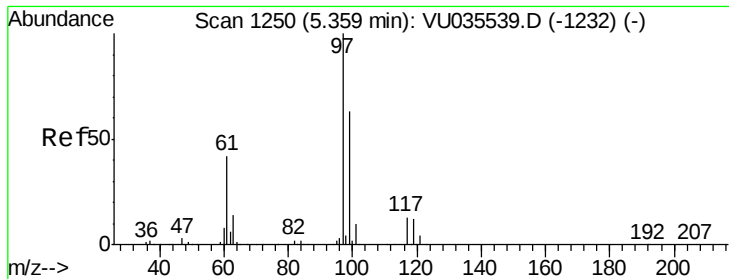
Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

Tgt Ion: 83 Resp: 26477

Ion	Ratio	Lower	Upper
83	100		
85	62.5	0.0	130.6





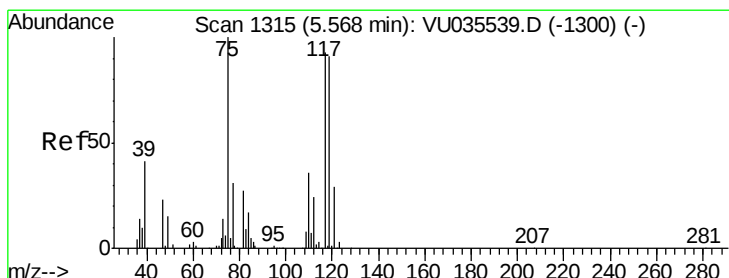
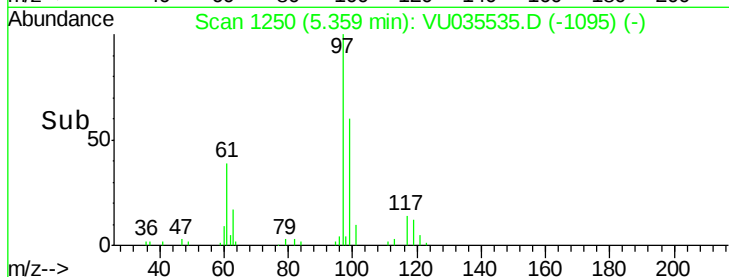
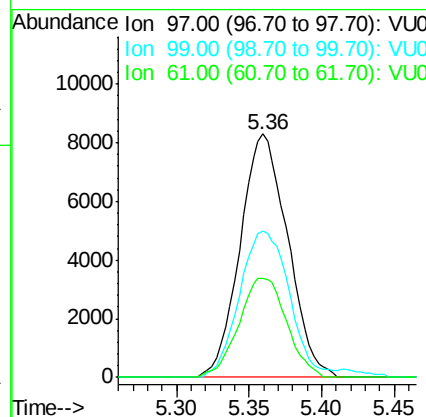
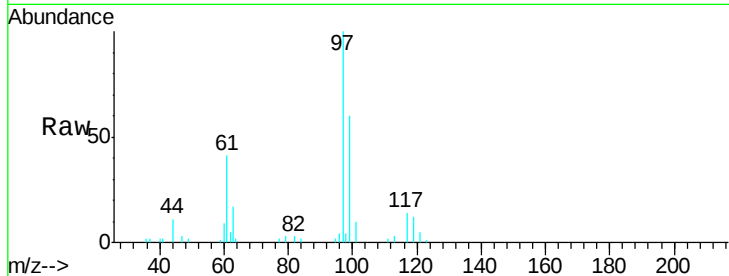
#28
 1,1,1-Trichloroethane
 Concen: 0.590 ug/l
 RT: 5.36 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VU035535.D
 Acq: 29 Oct 2019 11:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	18930		
99	63.1	32.6	97.7	
61	41.0	21.8	65.4	

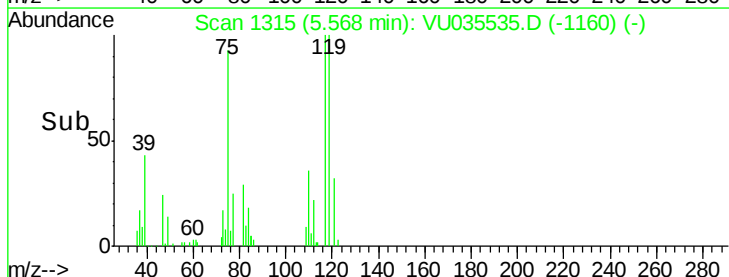
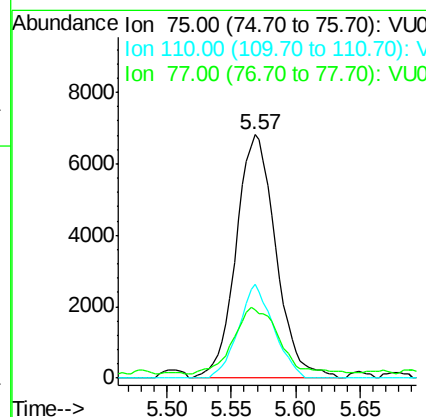
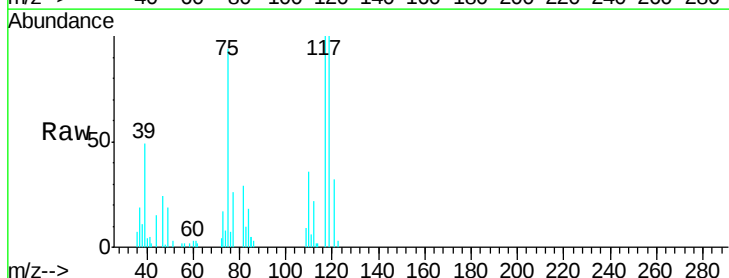
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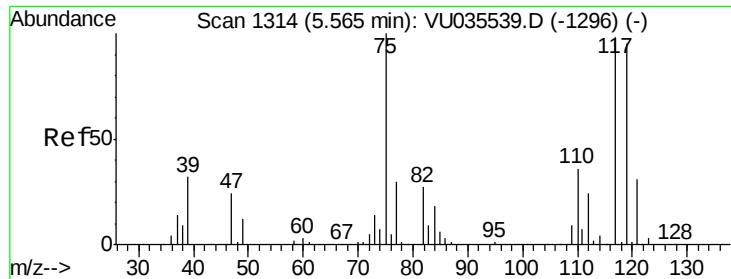
MMDadoda
 10/30/2019 10:38:28 AM



#29
 1,1-Dichloropropene
 Concen: 0.530 ug/l
 RT: 5.57 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VU035535.D
 Acq: 29 Oct 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	14631		
110	33.9	18.3	54.8	
77	30.7	24.6	37.0	





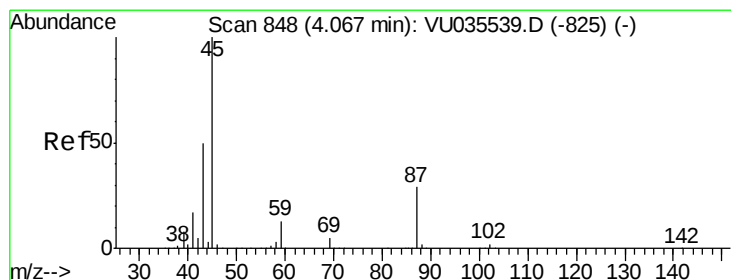
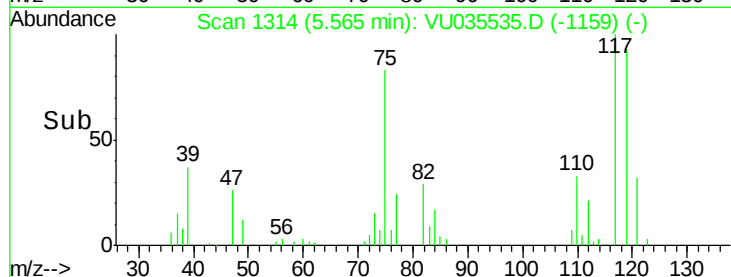
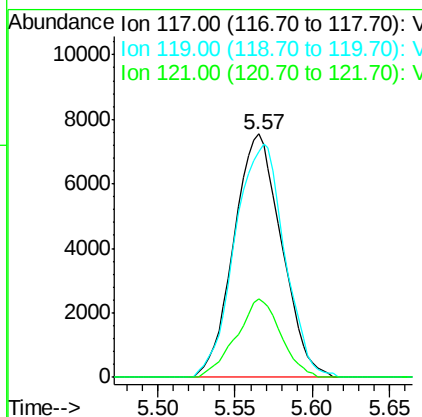
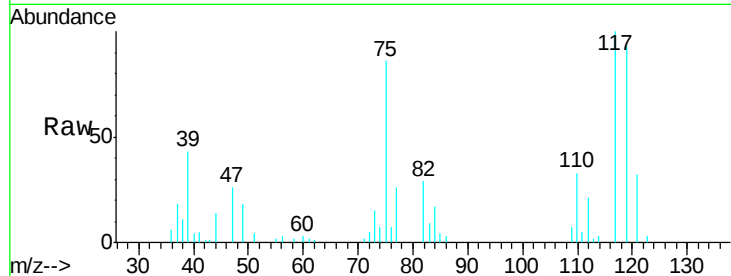
#30
Carbon Tetrachloride
Concen: 0.563 ug/l
RT: 5.57 min Scan# 1314
Delta R.T. -0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	77.3	115.9
121	32.0	25.2	37.8

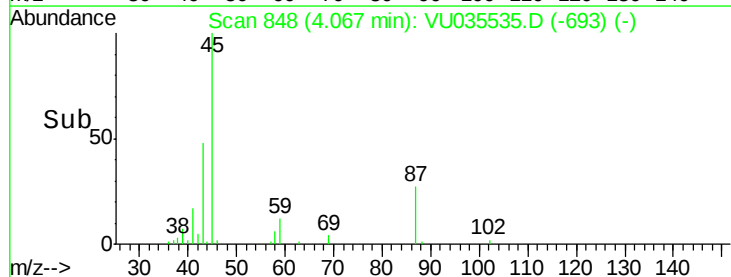
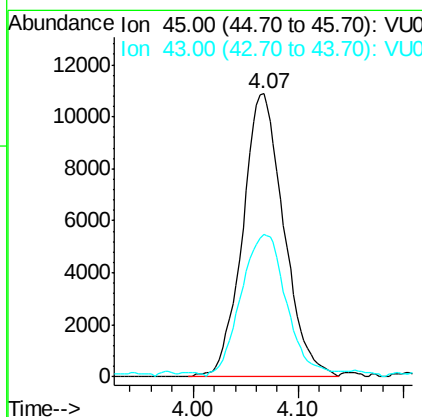
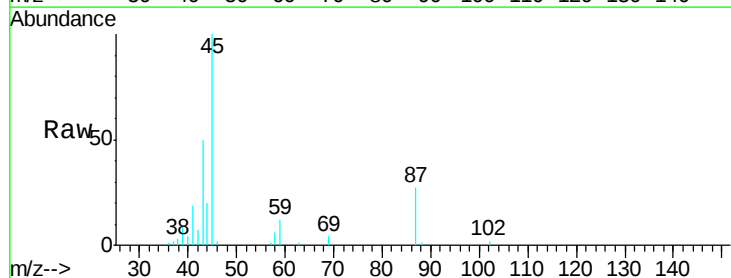
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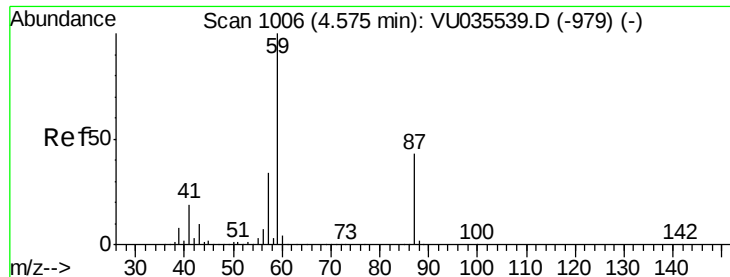
MMDadoda
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#31
Isopropyl Ether
Concen: 0.527 ug/l
RT: 4.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.3	25.3	75.8





#32

Ethyl-t-butyl ether

Concen: 0.548 ug/l

RT: 4.57 min Scan# 1005

Delta R.T. -0.00 min

Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 59 Resp: 26703

Ion Ratio Lower Upper

59 100

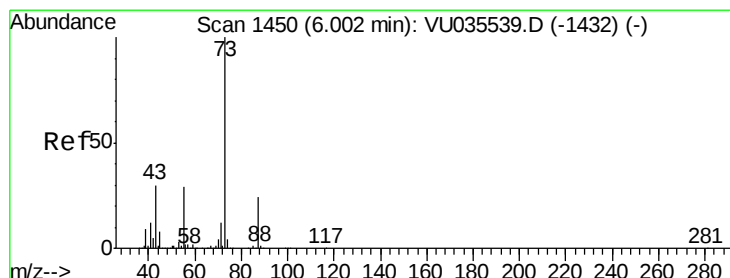
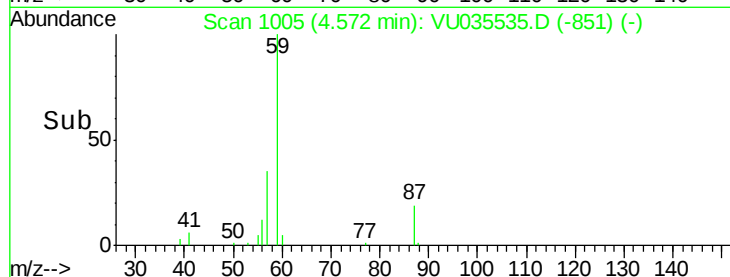
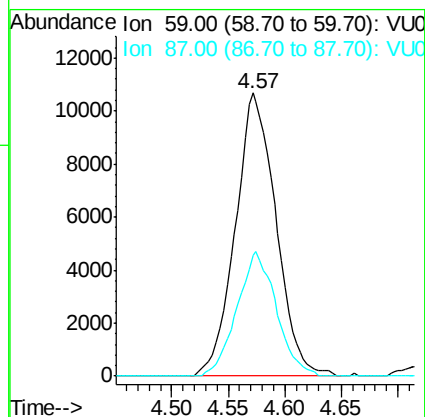
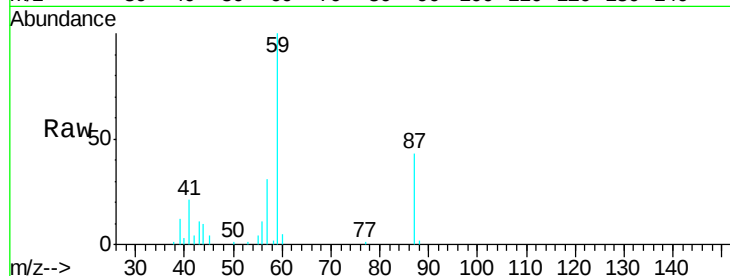
87 42.7 33.9 50.9

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#33

Tert-Amyl methyl ether

Concen: 0.510 ug/l

RT: 6.01 min Scan# 1451

Delta R.T. 0.00 min

Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

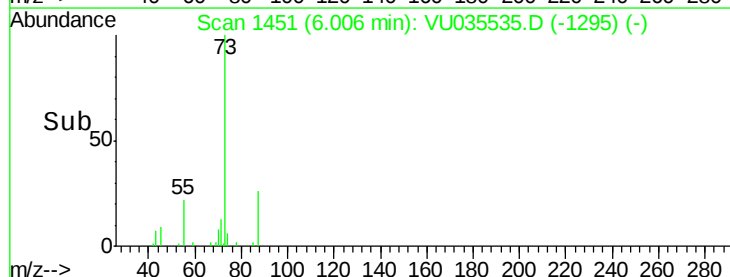
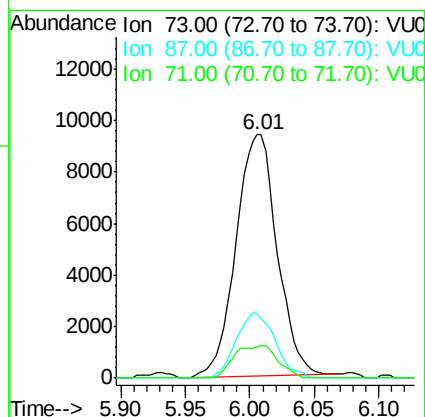
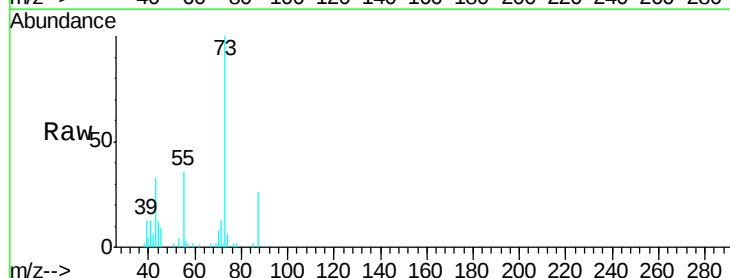
Tgt Ion: 73 Resp: 20910

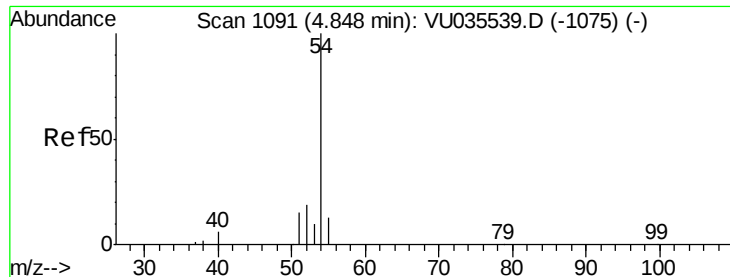
Ion Ratio Lower Upper

73 100

87 25.4 19.5 29.3

71 14.1 9.4 14.2





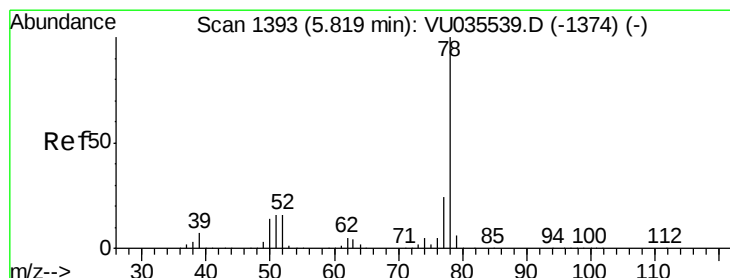
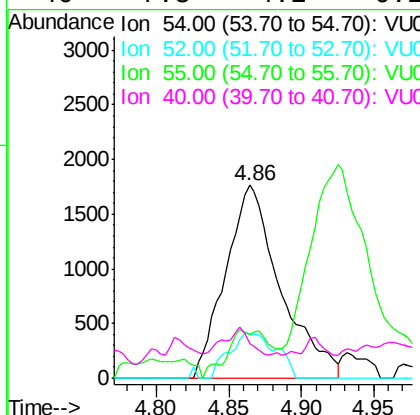
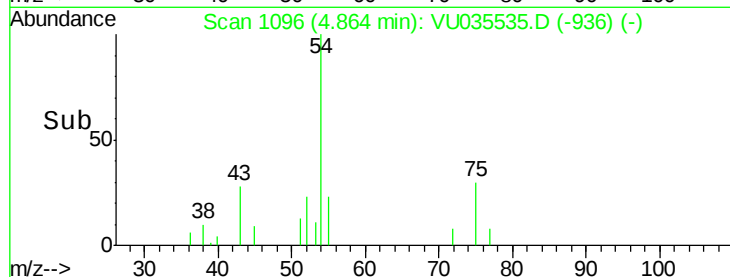
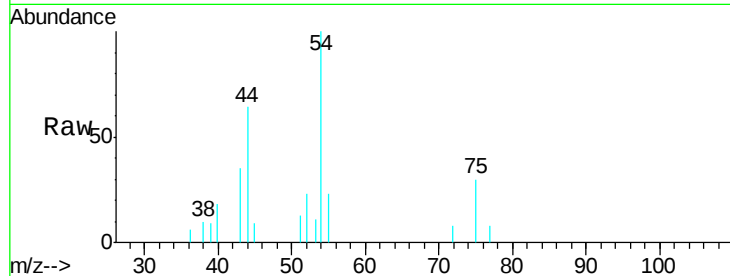
#34
 Propionitrile
 Concen: 3.425 ug/l
 RT: 4.86 min Scan# 1096
 Delta R.T. 0.02 min
 Lab File: VU035535.D
 Acq: 29 Oct 2019 11:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:	54	Resp:	4640
Ion	Ratio	Lower	Upper
54	100		
52	19.8	14.6	21.8
55	10.8	11.7	17.5#
40	7.3	4.2	6.2#

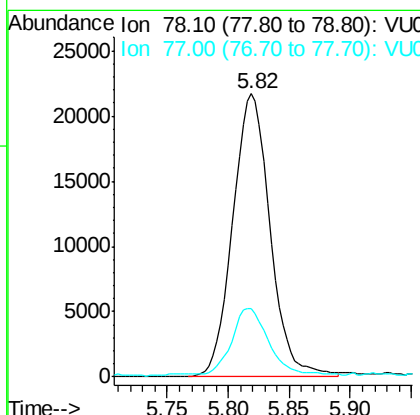
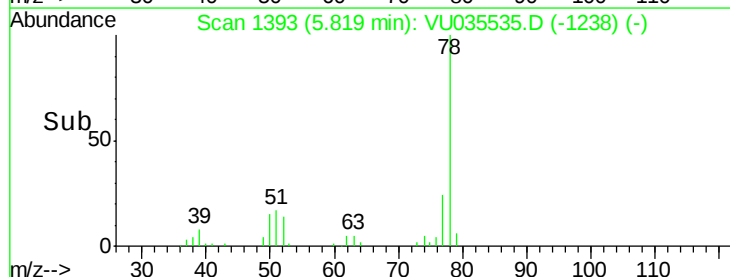
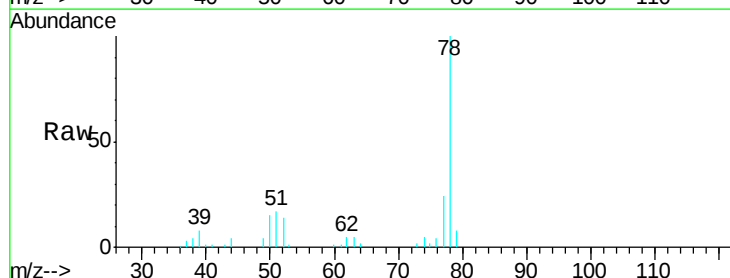
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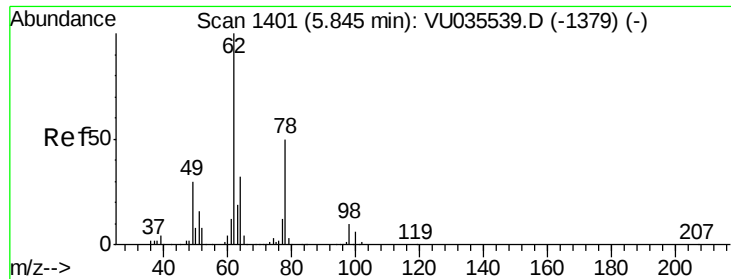
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#35
 Benzene
 Concen: 0.556 ug/l
 RT: 5.82 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: VU035535.D
 Acq: 29 Oct 2019 11:23

Tgt Ion:	78	Resp:	46096
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.4





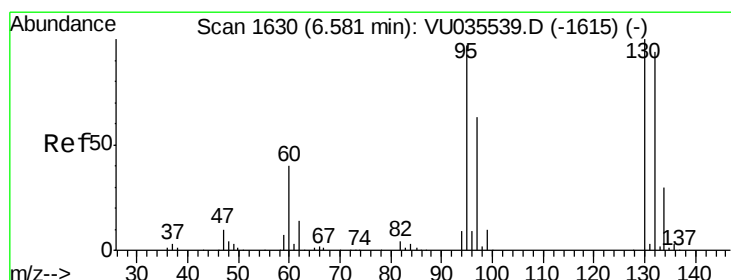
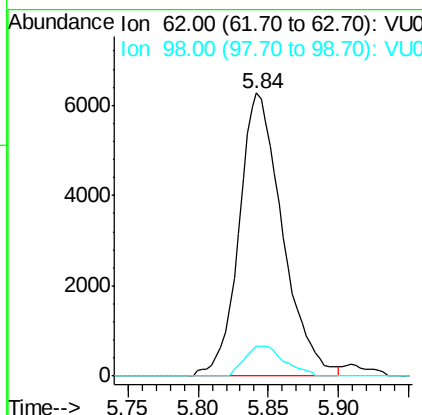
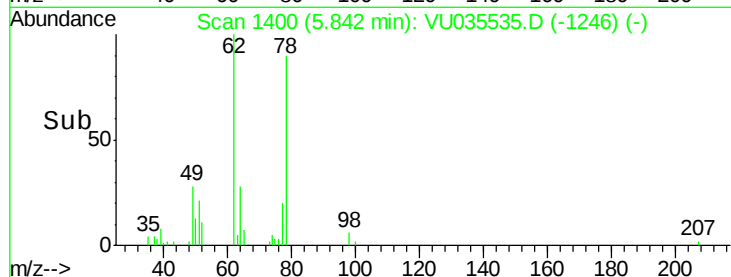
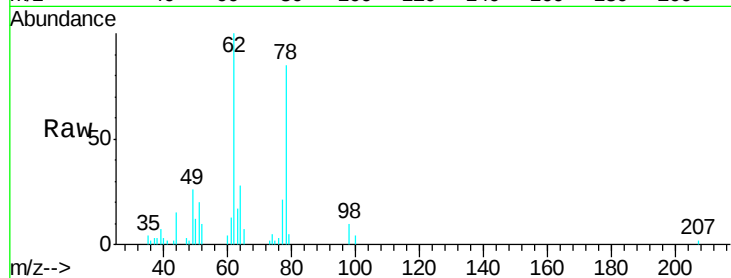
#36
1,2-Dichloroethane
Concen: 0.625 ug/l
RT: 5.84 min Scan# 1400
Delta R.T. -0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	13498		
98	9.8	7.5	11.3	

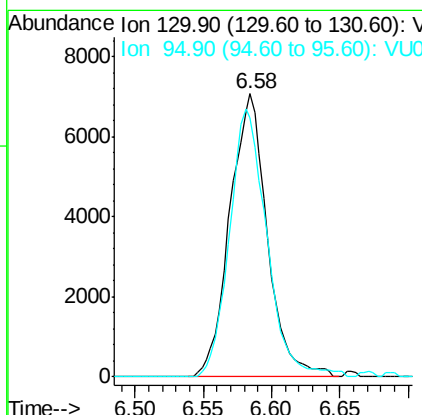
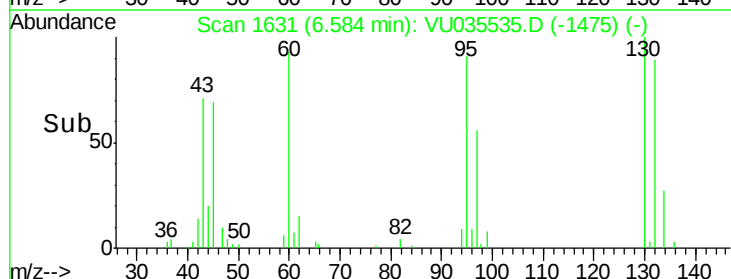
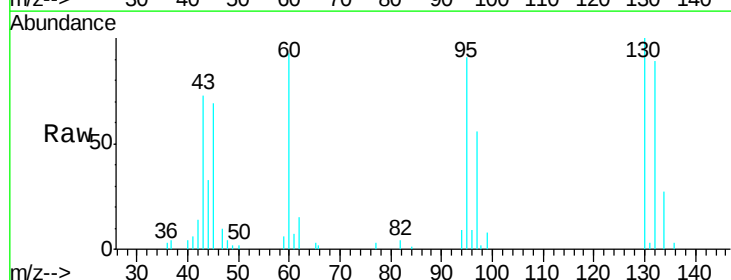
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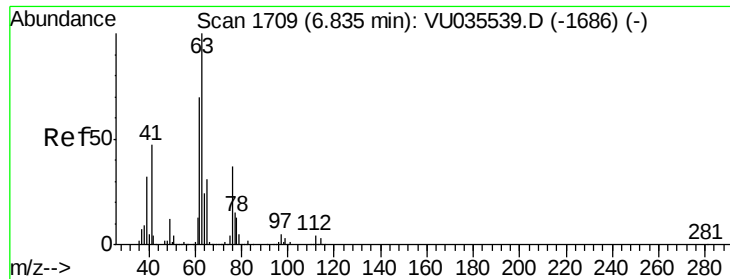
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#37
Trichloroethene
Concen: 0.582 ug/l
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	13477		
95	91.5	77.5	116.3	





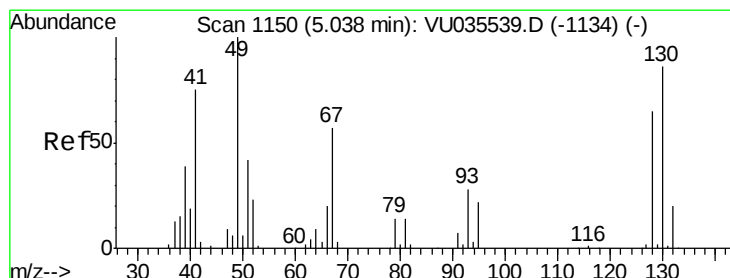
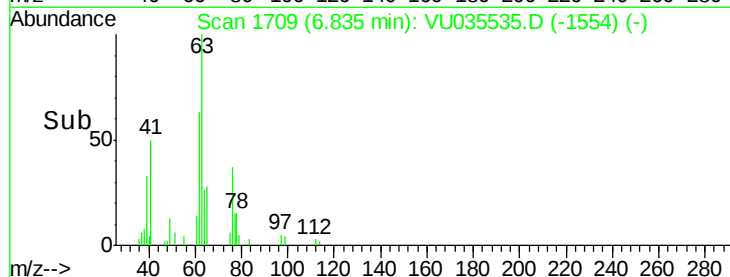
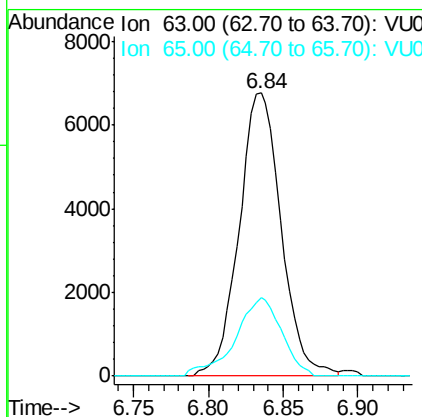
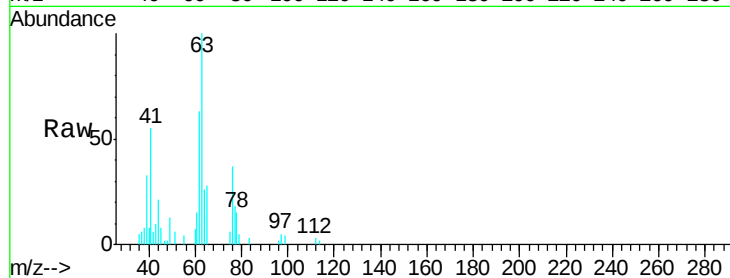
#38
 1,2-Dichloropropane
 Concen: 0.600 ug/l
 RT: 6.84 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: VU035535.D
 Acq: 29 Oct 2019 11:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 63 Resp: 13242
 Ion Ratio Lower Upper
 63 100
 65 27.6 25.0 37.6

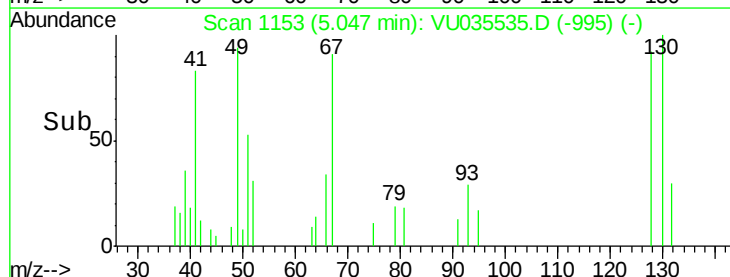
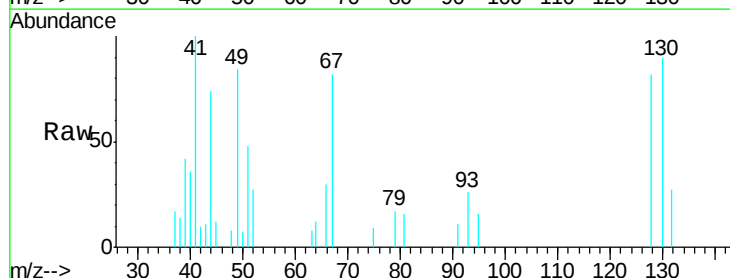
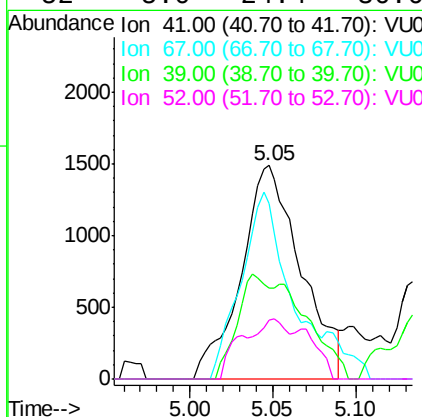
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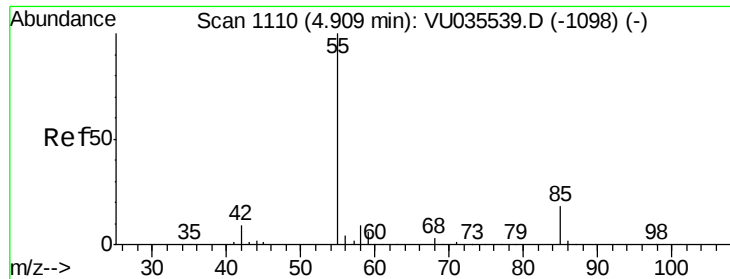
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#39
 Methacrylonitrile
 Concen: 0.670 ug/l
 RT: 5.05 min Scan# 1153
 Delta R.T. 0.01 min
 Lab File: VU035535.D
 Acq: 29 Oct 2019 11:23

Tgt Ion: 41 Resp: 3751
 Ion Ratio Lower Upper
 41 100
 67 69.4 61.5 92.3
 39 25.1 41.3 61.9#
 52 5.0 24.4 36.6#





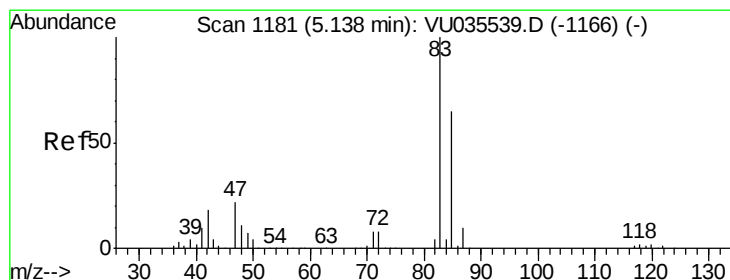
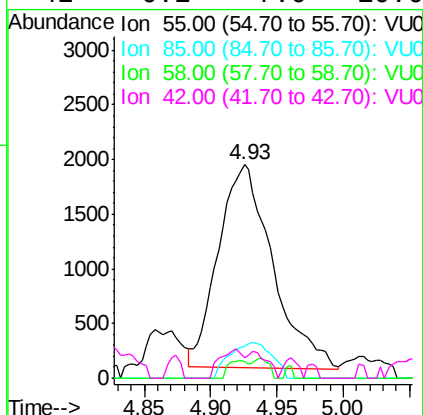
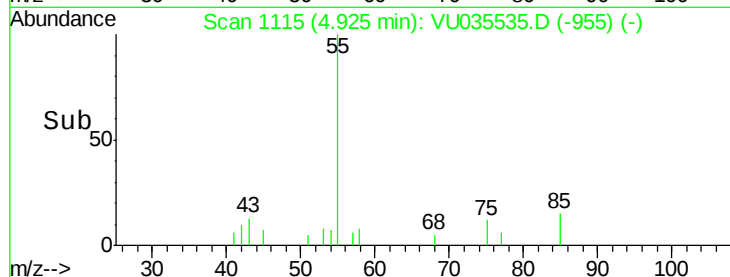
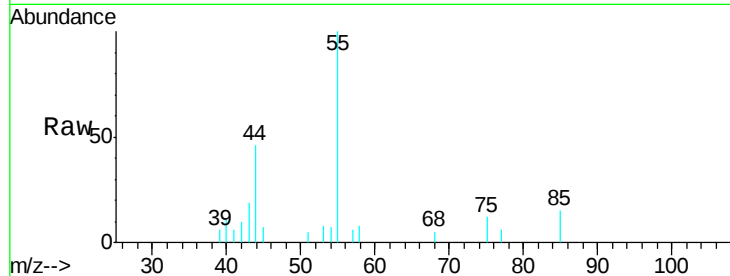
#40
Methyl acrylate
Concen: 0.620 ug/l
RT: 4.93 min Scan# 1115
Delta R.T. 0.02 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.5	20.3#
58	3.1	6.6	10.0#
42	6.1	7.0	10.6#

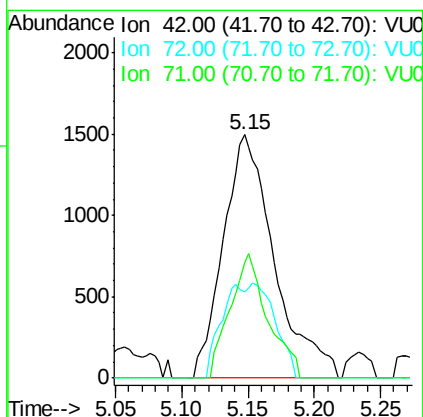
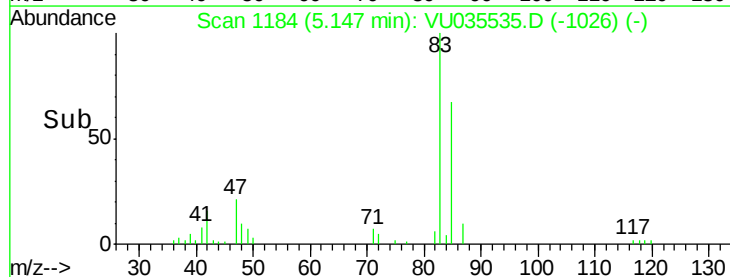
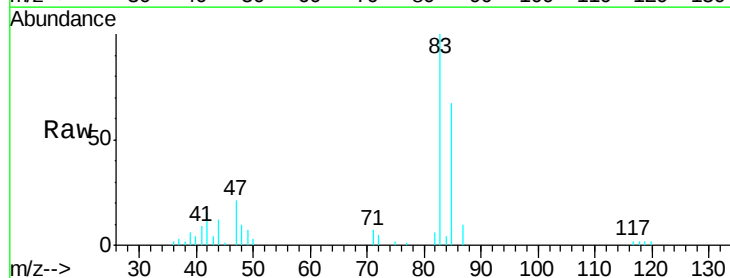
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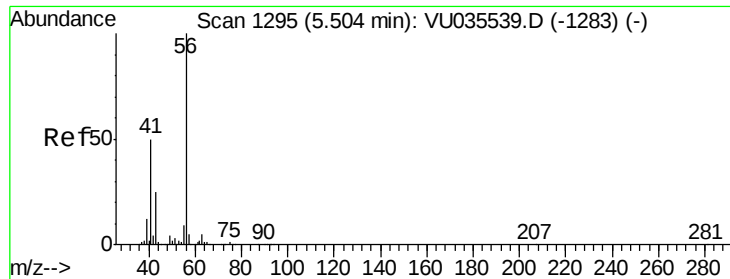
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#41
Tetrahydrofuran
Concen: 1.402 ug/l
RT: 5.15 min Scan# 1184
Delta R.T. 0.01 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Tgt Ion	Ratio	Lower	Upper
42	100		
72	18.1	89.9	134.9#
71	37.5	3.7	5.5#





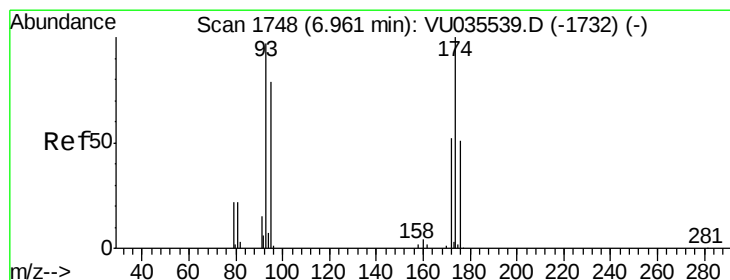
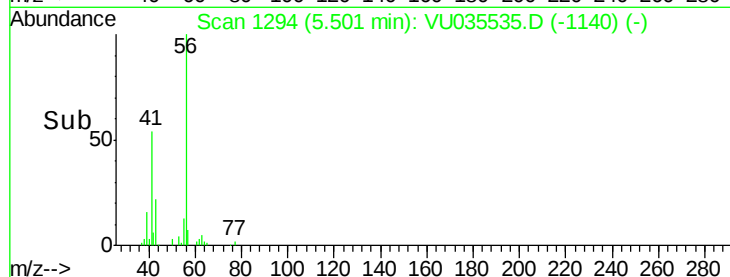
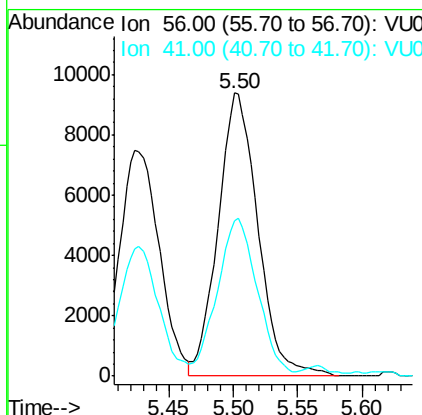
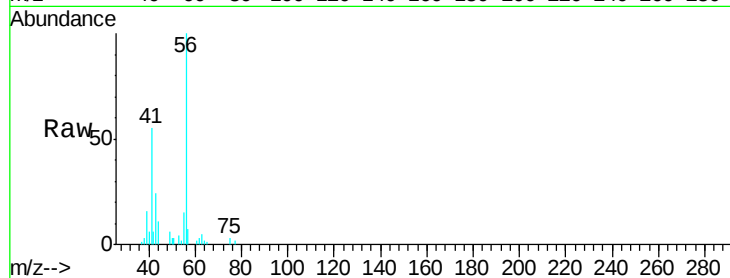
#42
1-Chlorobutane
Concen: 0.537 ug/l
RT: 5.50 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion	Ratio	Lower	Upper
56	100		
41	54.8	25.5	76.5

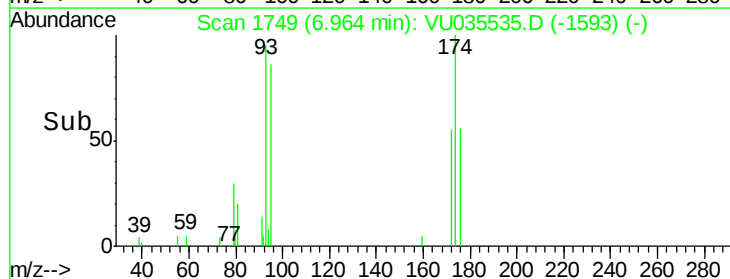
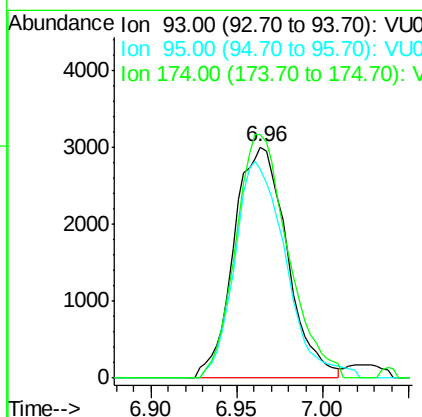
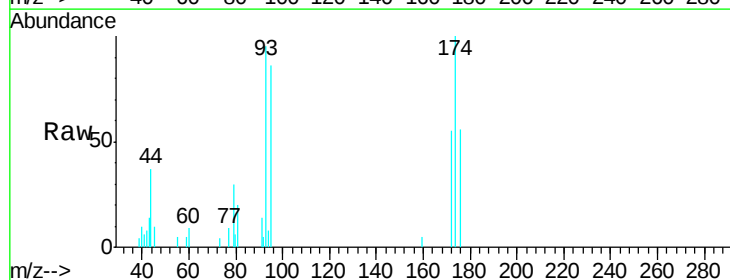
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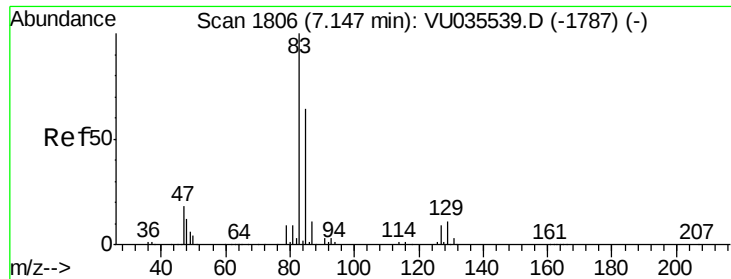
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#43
Dibromomethane
Concen: 0.610 ug/l
RT: 6.96 min Scan# 1749
Delta R.T. 0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	90.1	65.1	97.7
174	103.7	84.2	126.4





#44

Bromodichloromethane

Concen: 0.584 ug/l

RT: 7.15 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

Instrument :

MSVOA_U

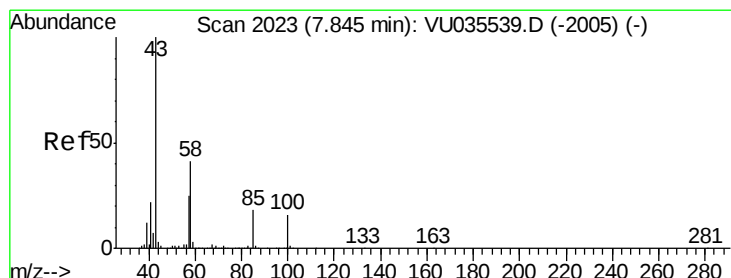
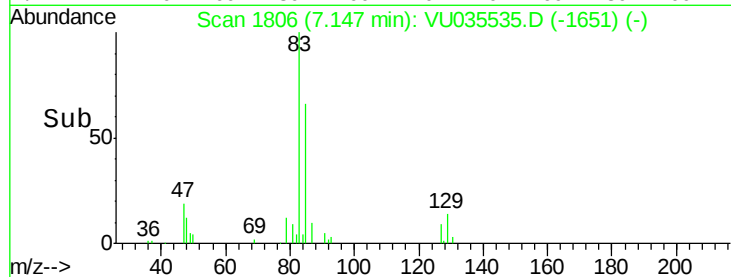
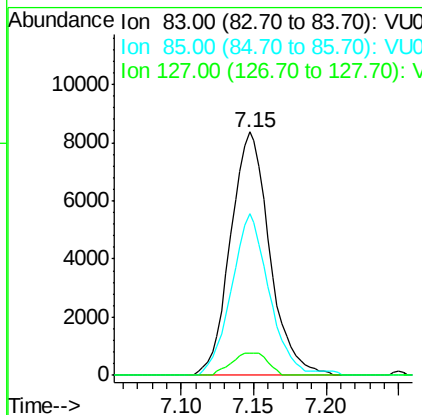
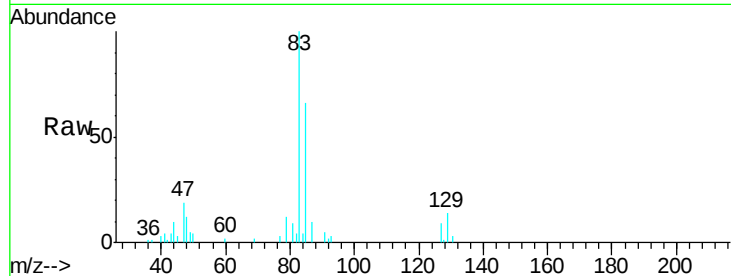
ClientSampleId :

VSTDIC0.5

Tgt Ion:	83	Resp:	15680
Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.6	77.4
127	9.0	7.0	10.4

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#45

4-Methyl-2-Pentanone

Concen: 3.033 ug/l

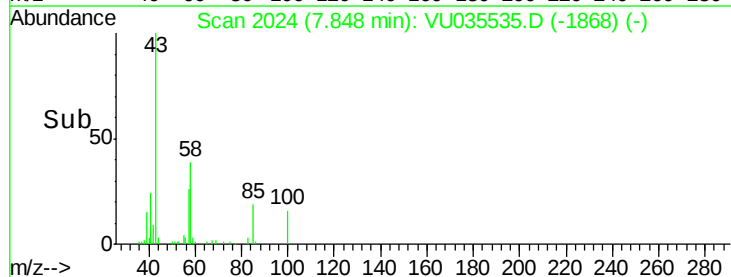
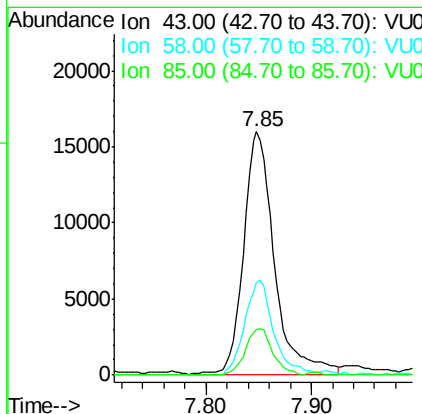
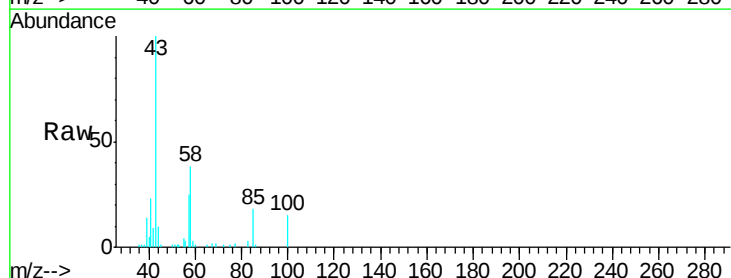
RT: 7.85 min Scan# 2024

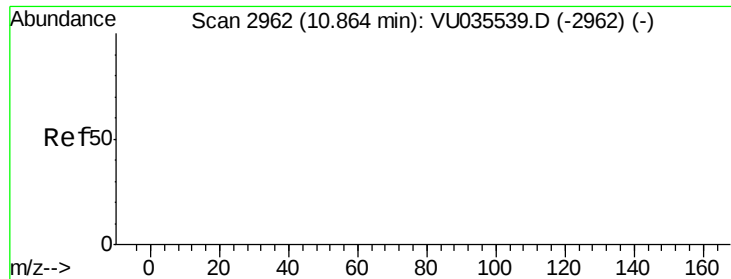
Delta R.T. 0.00 min

Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

Tgt Ion:	43	Resp:	32713
Ion	Ratio	Lower	Upper
43	100		
58	36.4	20.6	61.8
85	16.8	14.5	21.7





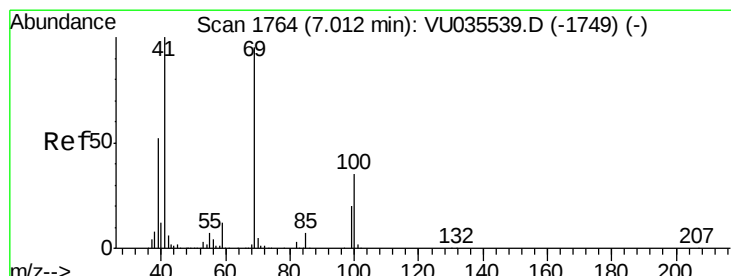
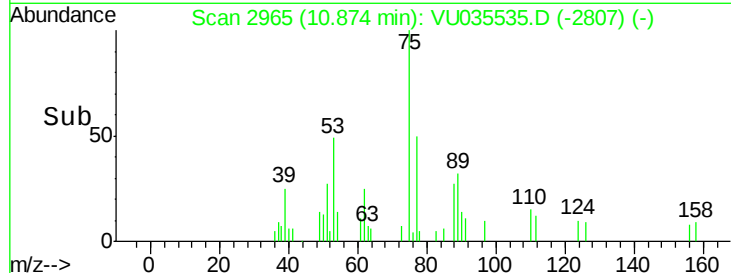
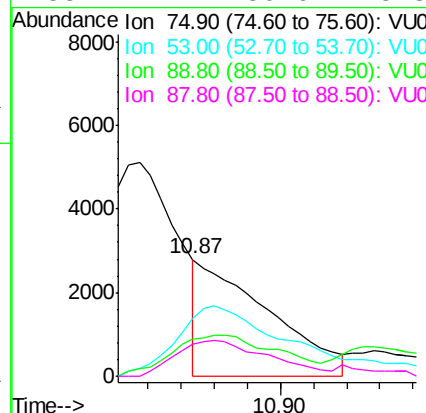
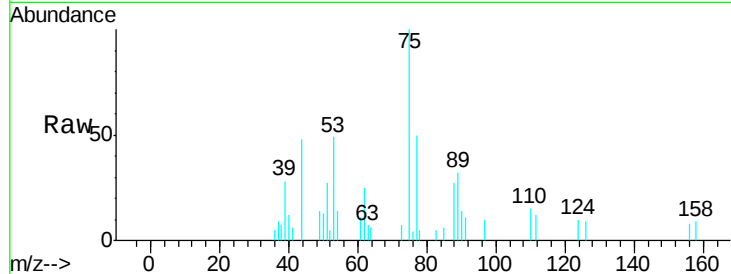
#46
t-1,4-Dichloro-2-butene
Concen: 0.906 ug/l m
RT: 10.87 min Scan# 2965
Delta R.T. 0.01 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion	Ratio	Lower	Upper
75	100		
53	101.4	54.1	81.1#
89	54.6	38.2	57.4
88	41.1	30.6	45.8

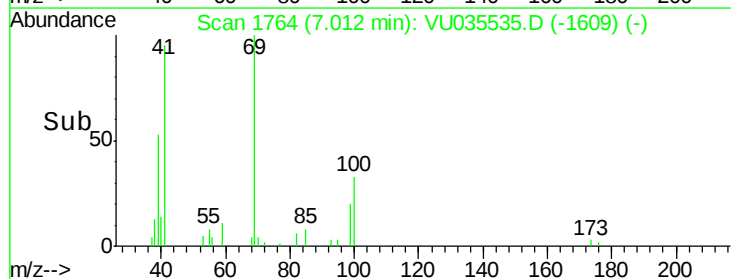
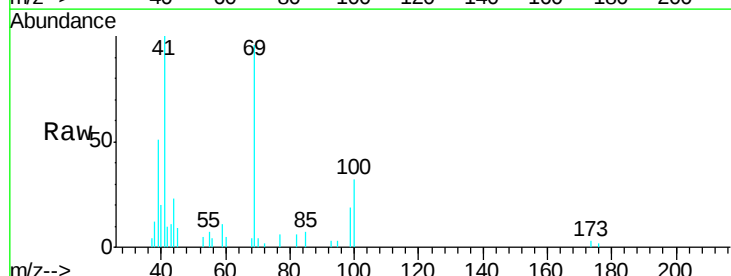
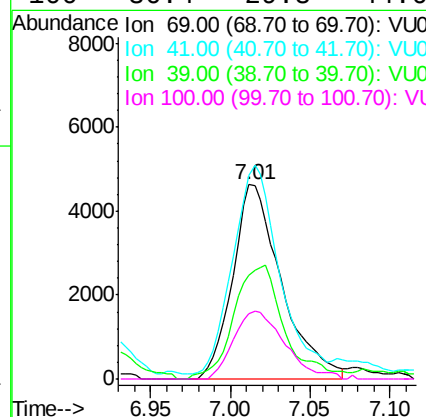
Manual Integrations
APPROVED

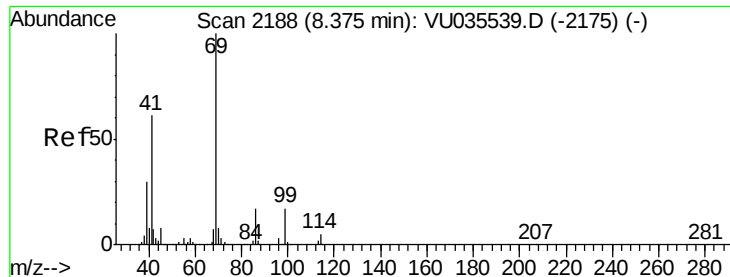
MMDadoda
10/30/2019 10:38:28 AM



#47
Methyl methacrylate
Concen: 1.147 ug/l
RT: 7.01 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Tgt Ion	Ratio	Lower	Upper
69	100		
41	100.4	0.0	216.8
39	60.6	45.1	67.7
100	36.4	29.8	44.6





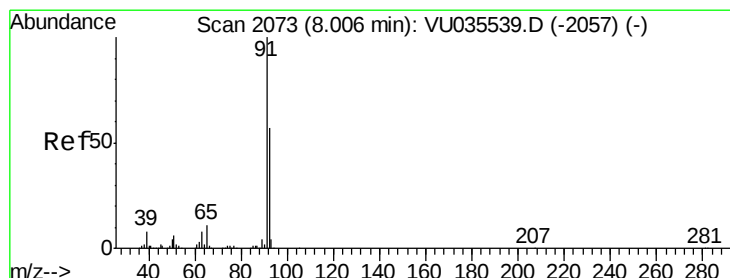
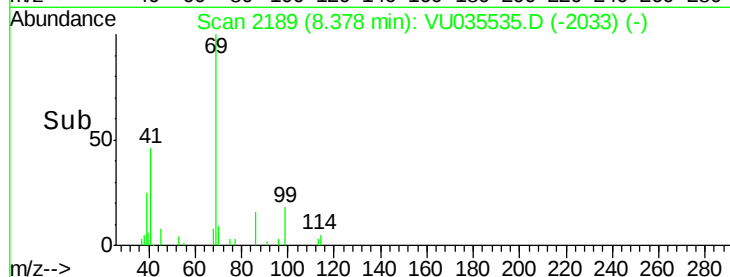
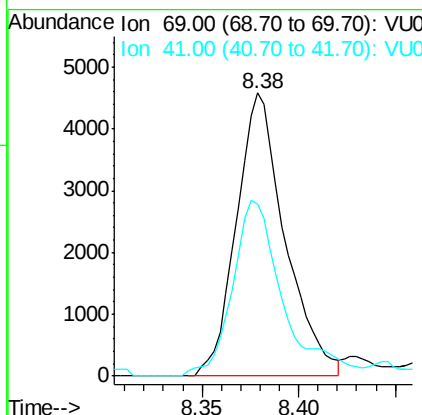
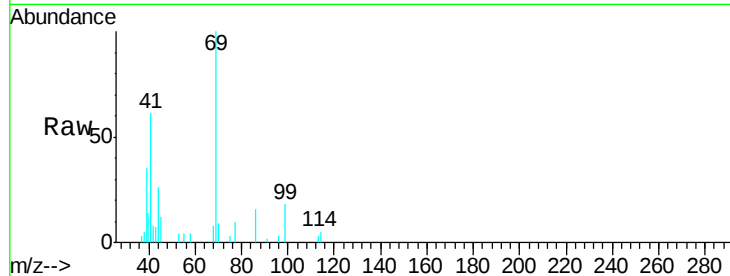
#48
Ethyl methacrylate
Concen: 0.526 ug/l
RT: 8.38 min Scan# 2189
Delta R.T. 0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.2	30.4	91.2

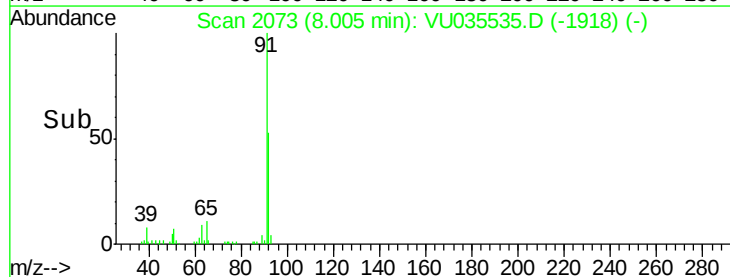
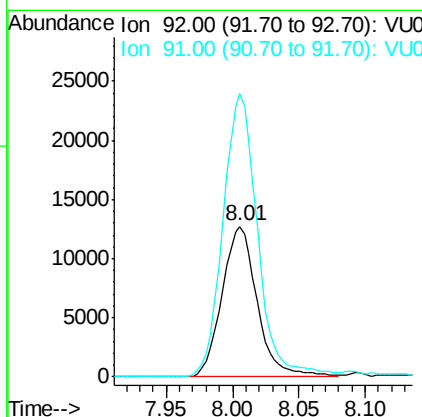
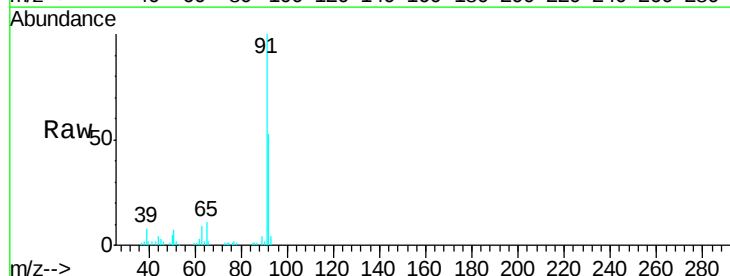
Manual Integrations
APPROVED

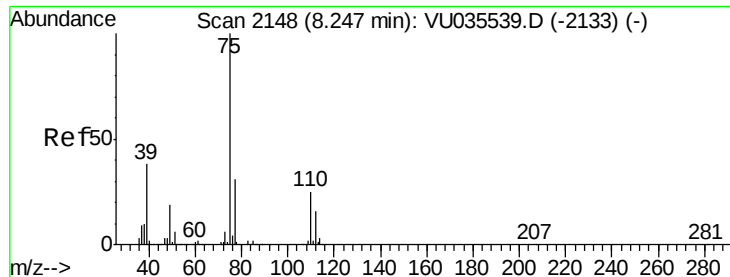
MMDadoda
10/30/2019 10:38:28 AM



#49
Toluene
Concen: 0.485 ug/l
RT: 8.01 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Tgt Ion	Ratio	Lower	Upper
92	100		
91	185.4	141.4	212.0





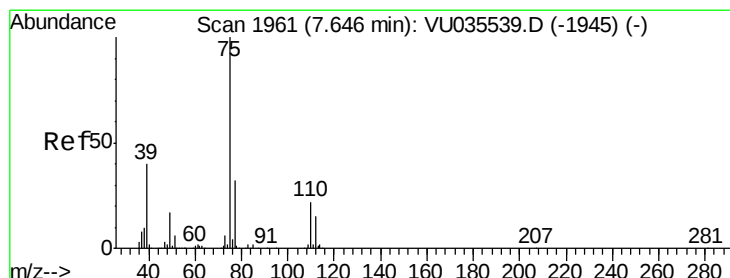
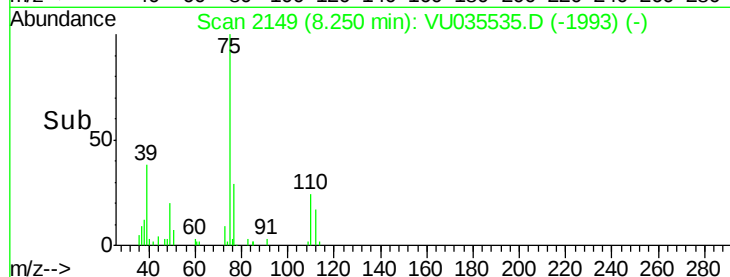
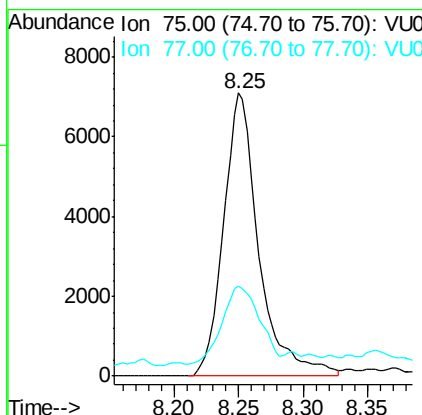
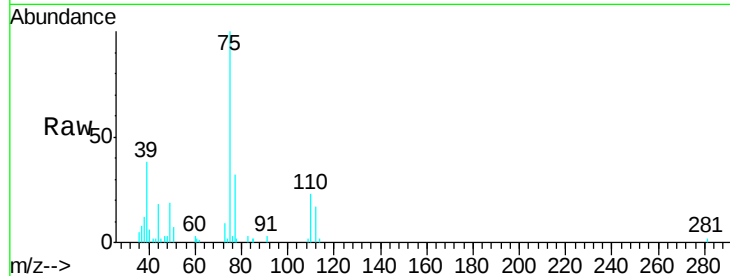
#50
t-1,3-Dichloropropene
Concen: 0.598 ug/l
RT: 8.25 min Scan# 2149
Delta R.T. 0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 75 Resp: 13488
Ion Ratio Lower Upper
75 100
77 27.8 25.2 37.8

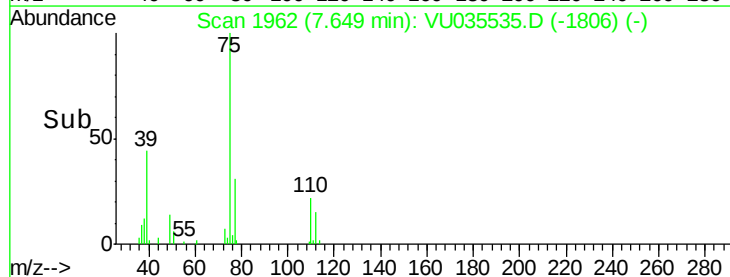
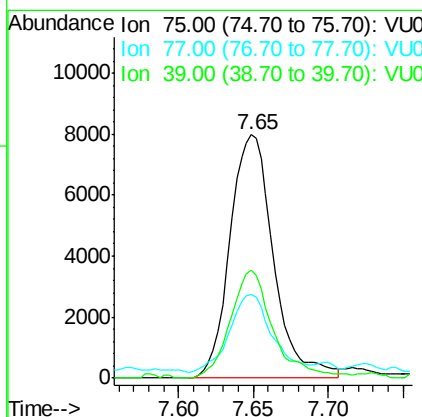
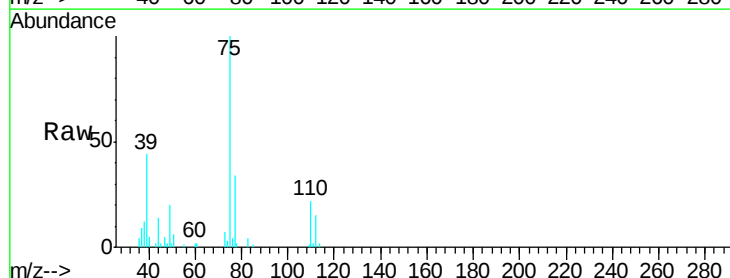
Manual Integrations
APPROVED

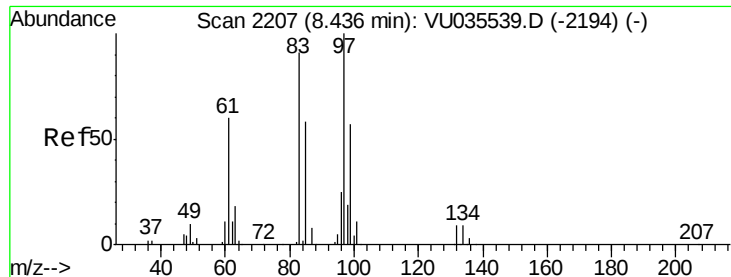
MMDadoda
10/30/2019 10:38:28 AM



#51
cis-1,3-Dichloropropene
Concen: 0.578 ug/l
RT: 7.65 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Tgt Ion: 75 Resp: 16131
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8
39 44.2 32.1 48.1





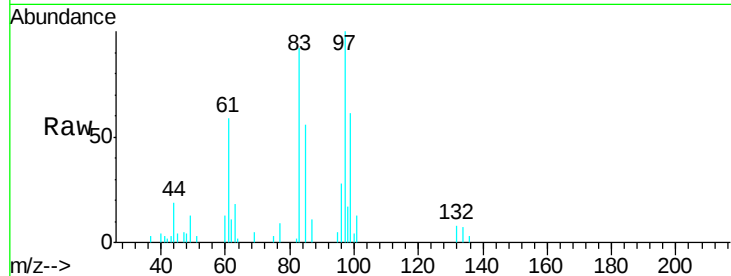
#52
 1,1,2-Trichloroethane
 Concen: 0.622 ug/l
 RT: 8.44 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: VU035535.D
 Acq: 29 Oct 2019 11:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:	97	Resp:	9101
Ion	Ratio	Lower	Upper
97	100		
83	91.8	72.6	108.8
85	55.6	46.4	69.6
99	57.6	49.6	74.4

Manual Integrations
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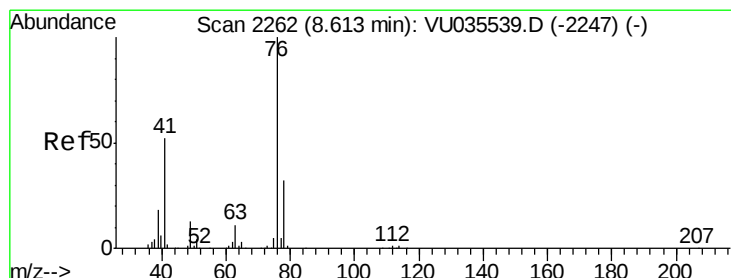
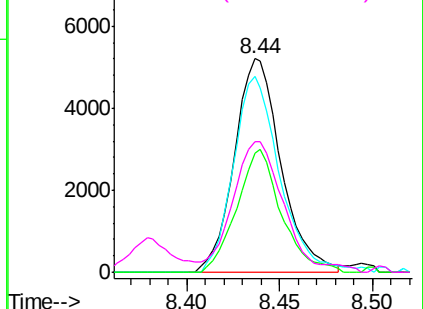
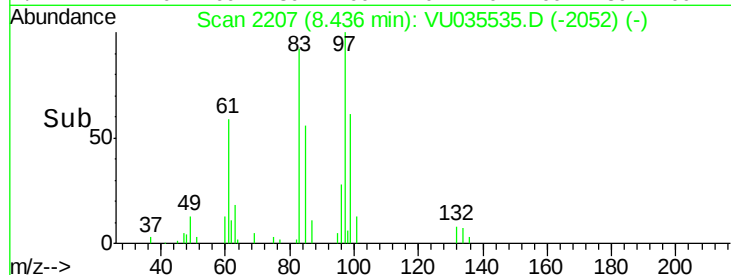


Abundance Ion 97.00 (96.70 to 97.70): VU035535.D (-2052) (-)

Ion 82.95 (82.65 to 83.65): VU035535.D (-2052) (-)

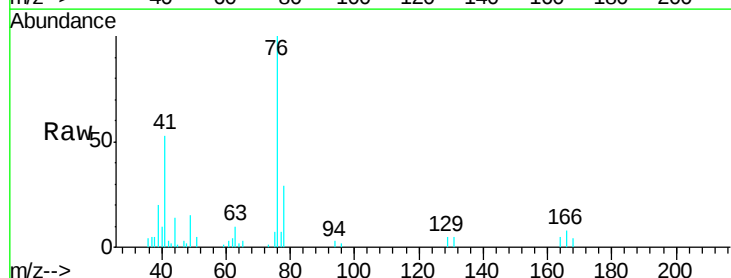
Ion 84.95 (84.65 to 85.65): VU035535.D (-2052) (-)

Ion 98.95 (98.65 to 99.65): VU035535.D (-2052) (-)



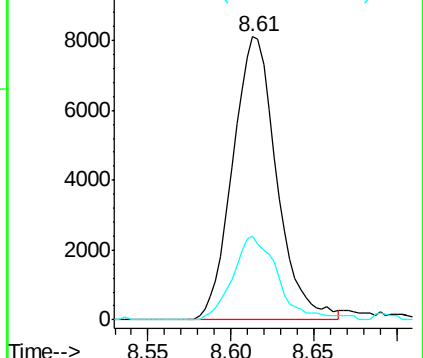
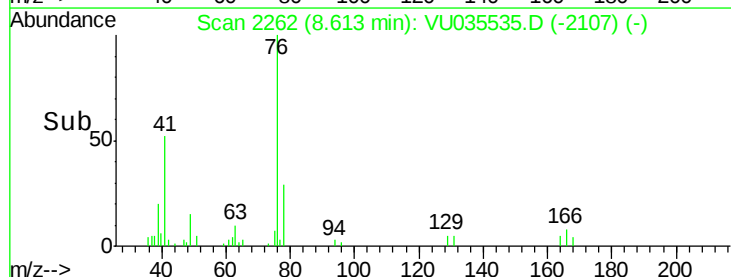
#53
 1,3-Dichloropropane
 Concen: 0.610 ug/l
 RT: 8.61 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: VU035535.D
 Acq: 29 Oct 2019 11:23

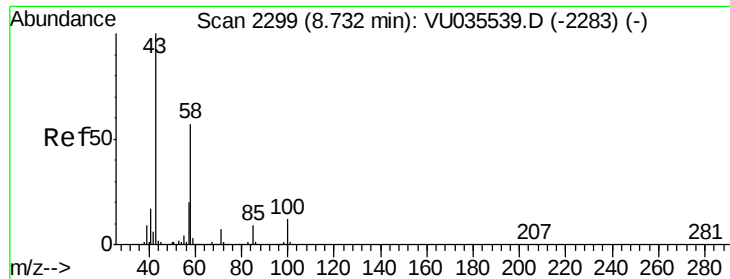
Tgt Ion:	76	Resp:	14986
Ion	Ratio	Lower	Upper
76	100		
78	30.5	25.6	38.4



Abundance Ion 76.00 (75.70 to 76.70): VU035535.D (-2107) (-)

Ion 78.00 (77.70 to 78.70): VU035535.D (-2107) (-)





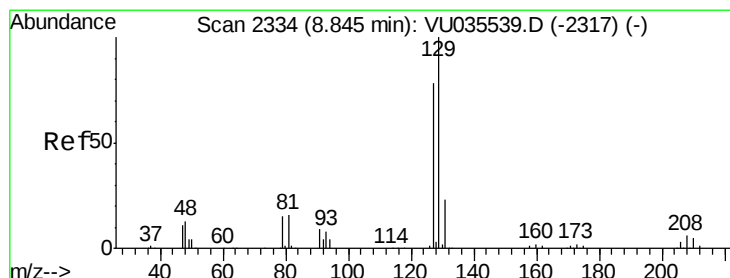
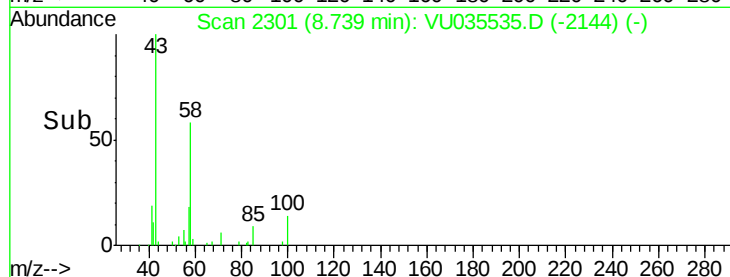
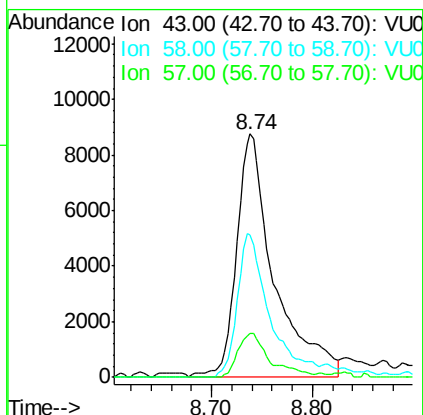
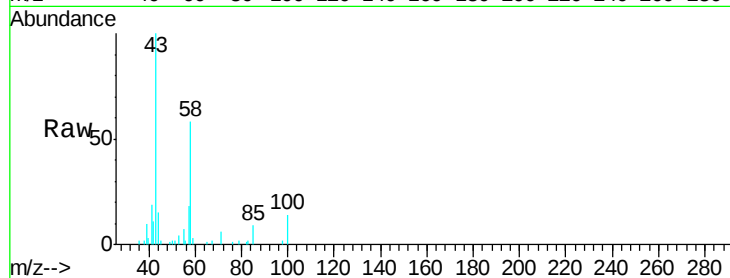
#54
2-Hexanone
Concen: 3.123 ug/l
RT: 8.74 min Scan# 2301
Delta R.T. 0.01 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion	Ratio	Lower	Upper
43	100		
58	50.4	37.2	77.2
57	15.5	0.0	39.1

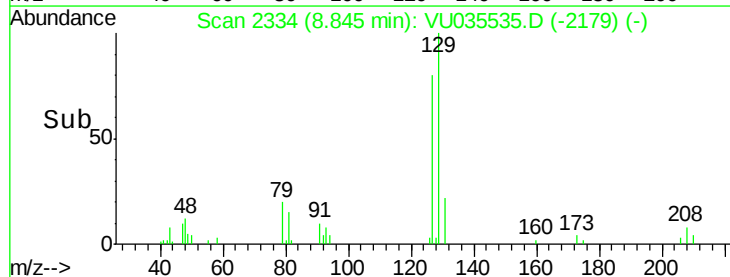
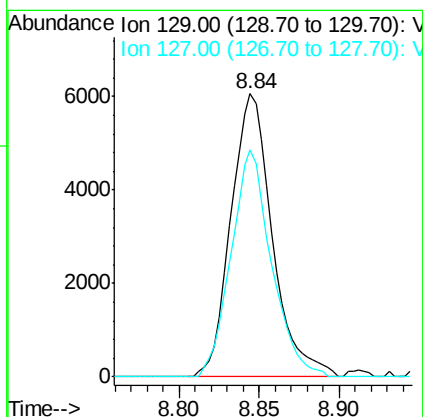
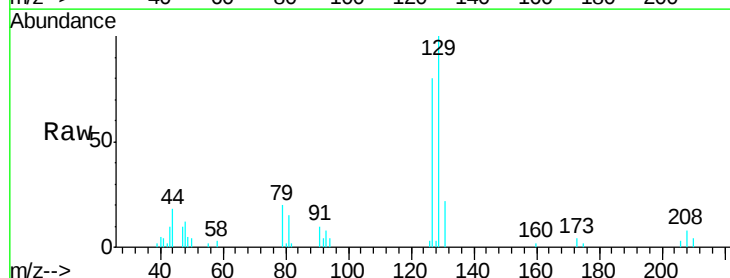
Manual Integrations
APPROVED

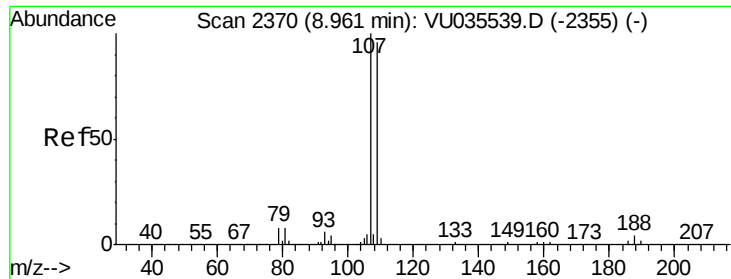
MMDadoda
10/30/2019 10:38:28 AM



#55
Dibromochloromethane
Concen: 0.598 ug/l
RT: 8.84 min Scan# 2334
Delta R.T. -0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.3	62.3	93.5





#56

1,2-Dibromoethane

Concen: 0.579 ug/l

RT: 8.96 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 107 Resp: 7826

Ion Ratio Lower Upper

107 100

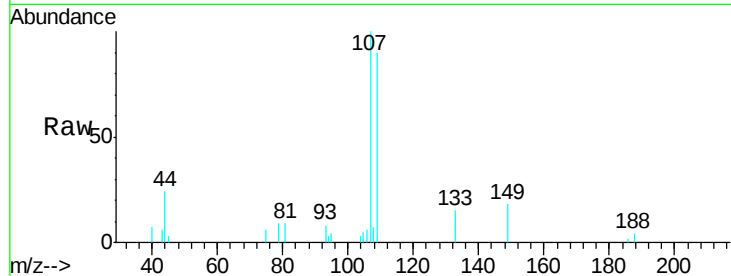
109 97.1 0.0 191.4

Manual Integrations

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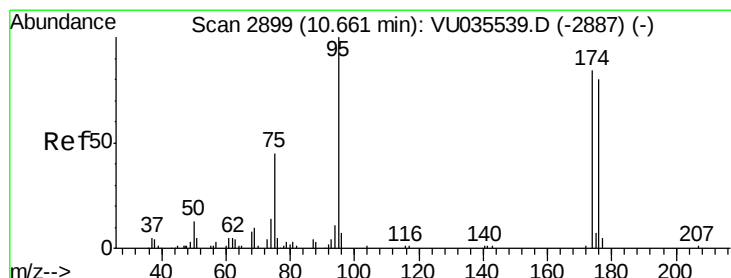
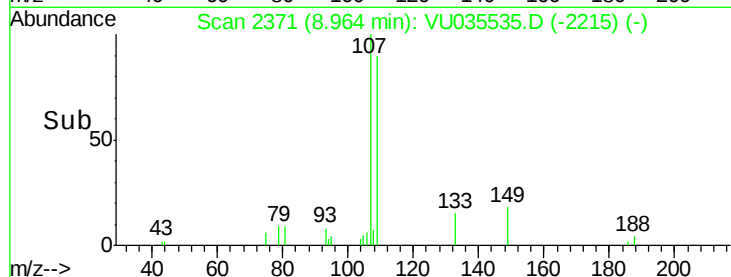
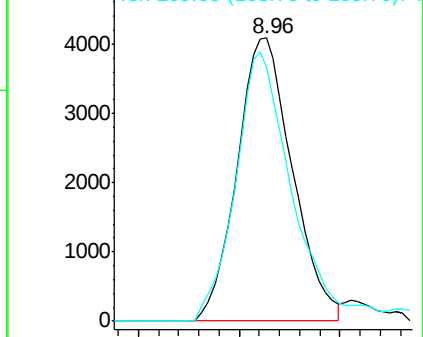
MMDadoda

10/30/2019 10:38:28 AM



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#57

4-Bromofluorobenzene

Concen: 0.849 ug/l

RT: 10.66 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

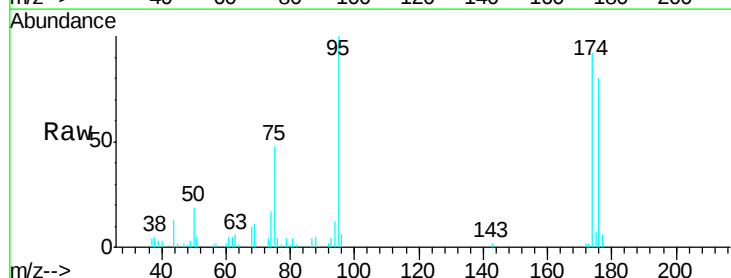
Tgt Ion: 95 Resp: 22713

Ion Ratio Lower Upper

95 100

174 92.6 70.2 105.4

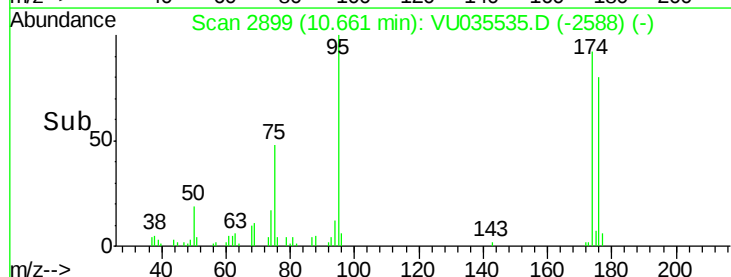
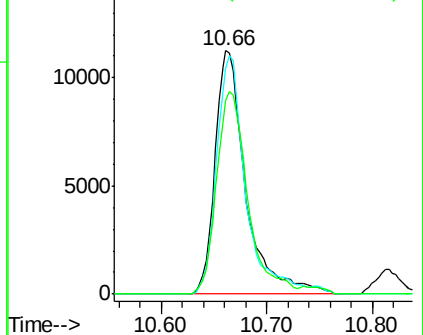
176 84.4 67.7 101.5

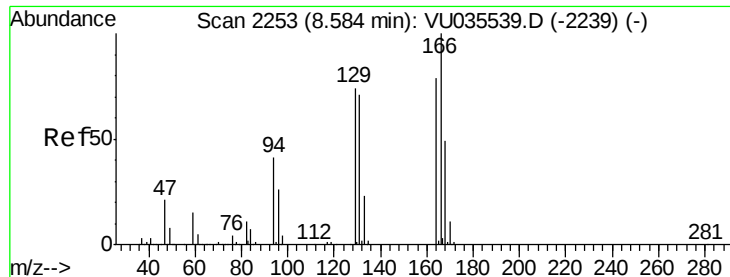


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





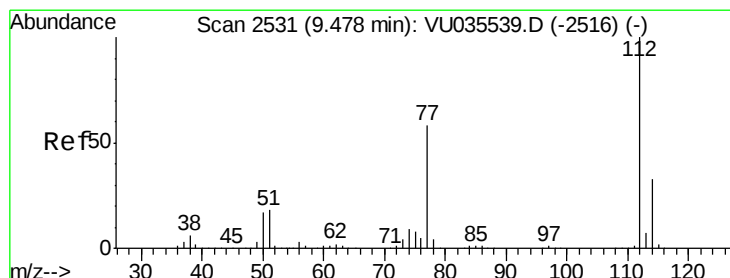
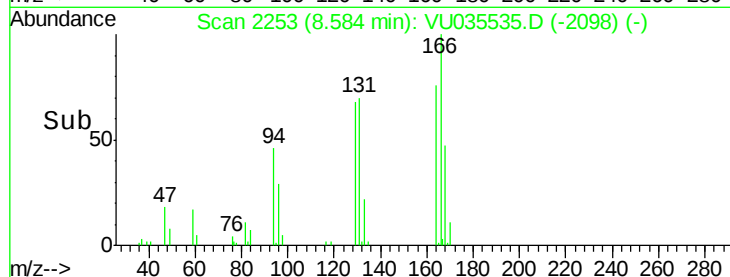
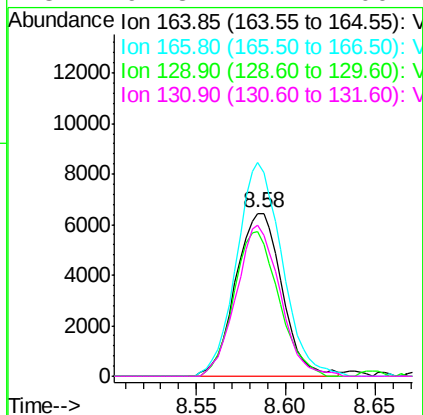
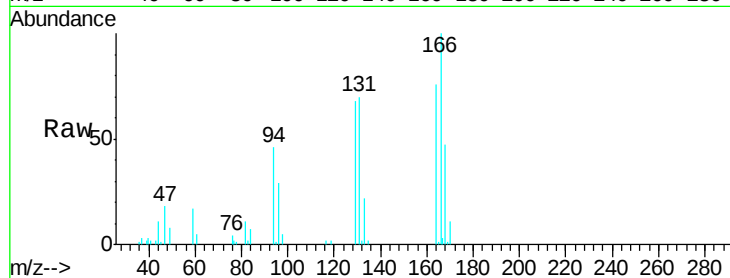
#58
Tetrachloroethene
Concen: 0.533 ug/l
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.9	100.6	151.0
129	88.4	74.1	111.1
131	92.3	71.1	106.7

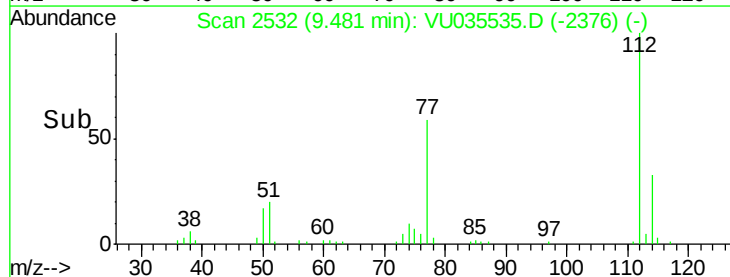
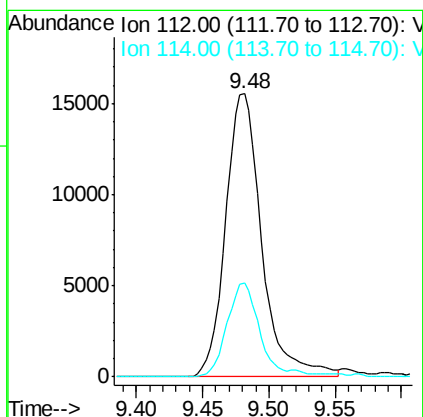
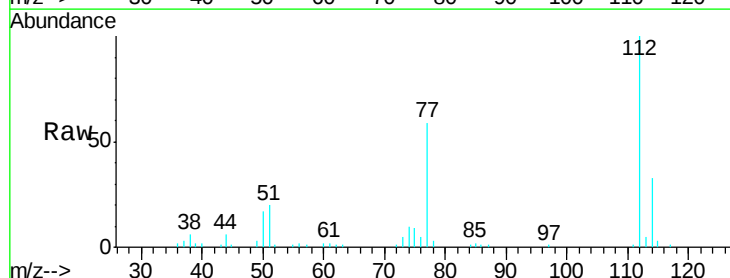
Manual Integrations
APPROVED

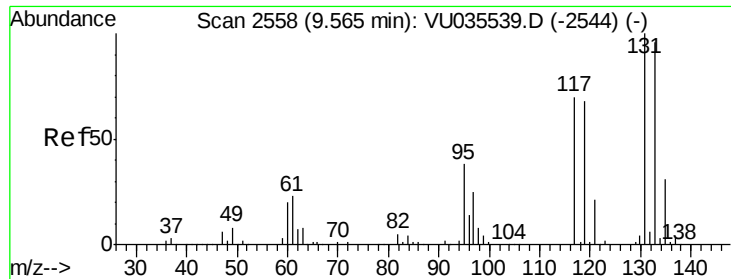
MMDadoda
10/30/2019 10:38:28 AM



#59
Chlorobenzene
Concen: 0.543 ug/l
RT: 9.48 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.4	26.5	39.7





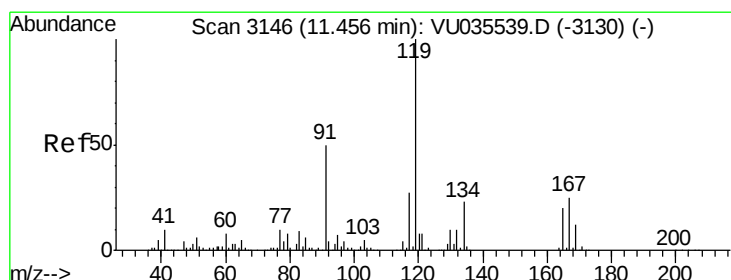
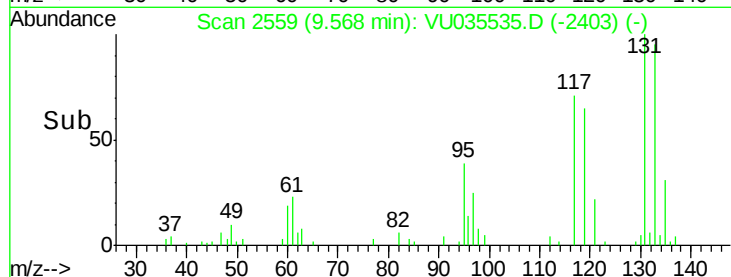
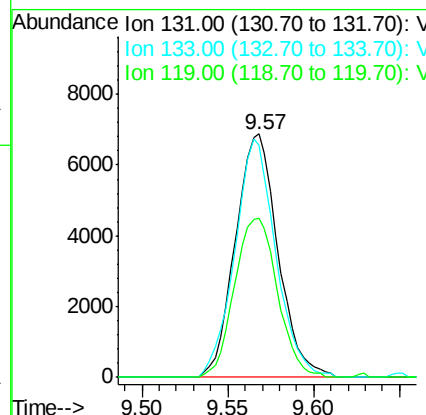
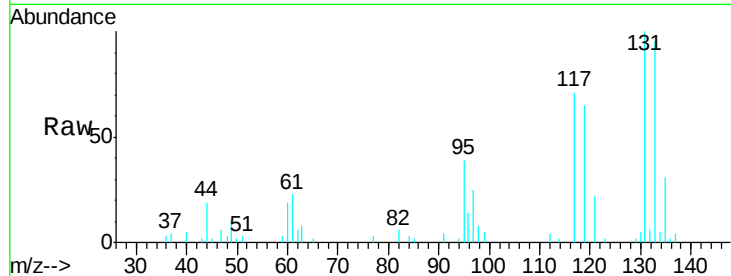
#60
1,1,1,2-Tetrachloroethane
Concen: 0.587 ug/l
RT: 9.57 min Scan# 2559
Delta R.T. 0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:131 Resp: 11825
Ion Ratio Lower Upper
131 100
133 94.2 76.9 115.3
119 65.9 53.6 80.4

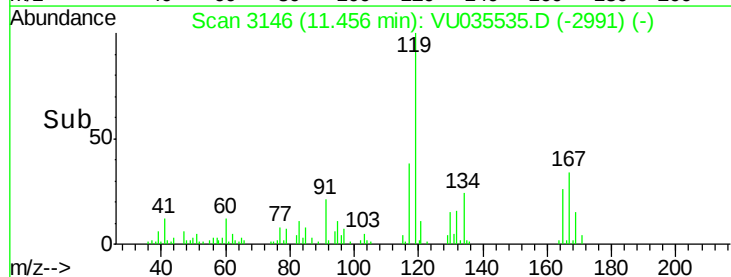
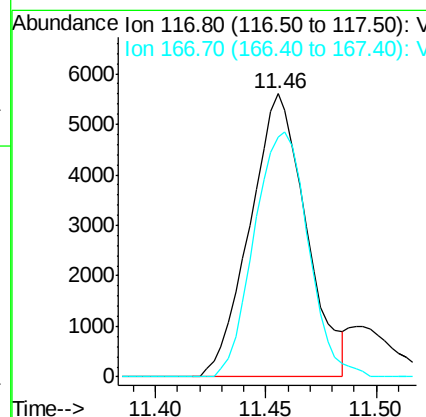
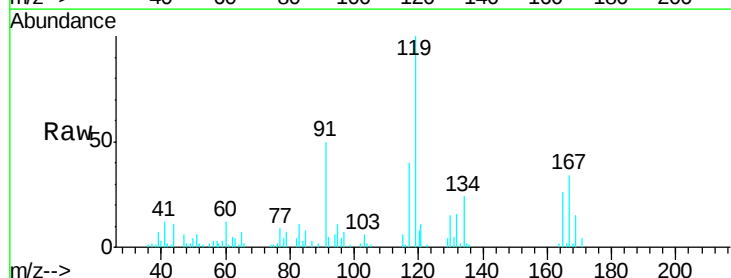
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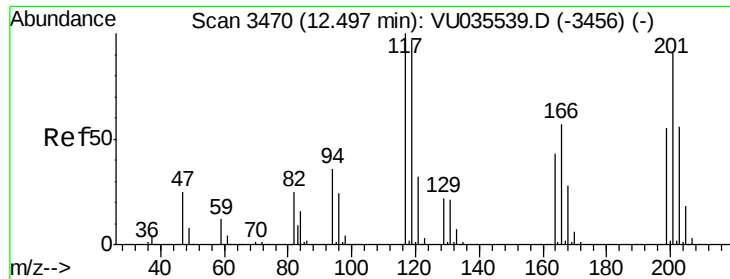
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#61
Pentachloroethane
Concen: 0.602 ug/l
RT: 11.46 min Scan# 3146
Delta R.T. -0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Tgt Ion:117 Resp: 9871
Ion Ratio Lower Upper
117 100
167 83.3 69.8 104.6





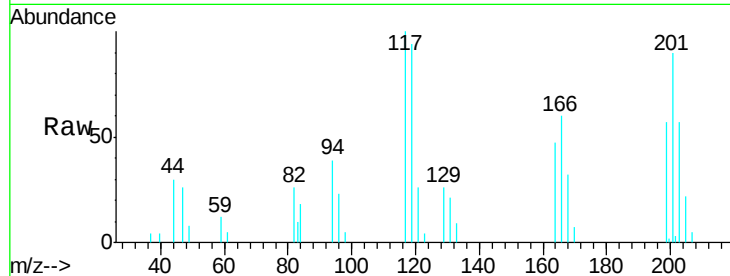
#62
Hexachloroethane
Concen: 0.609 ug/l
RT: 12.50 min Scan# 3471
Delta R.T. 0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

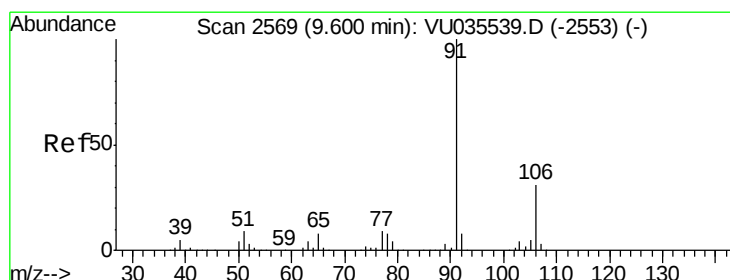
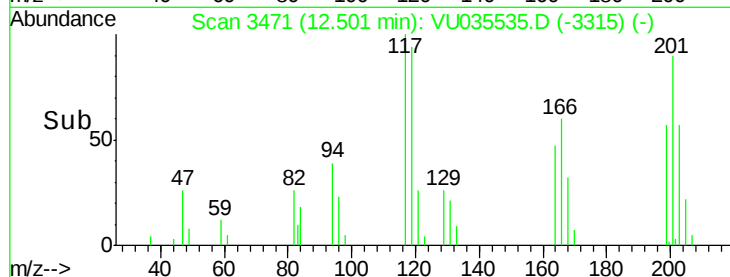
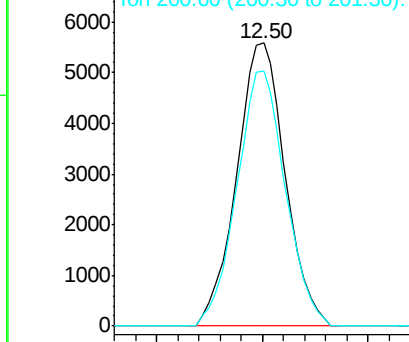
Tgt Ion: 117 Resp: 8902
Ion Ratio Lower Upper
117 100
201 90.6 71.8 107.8

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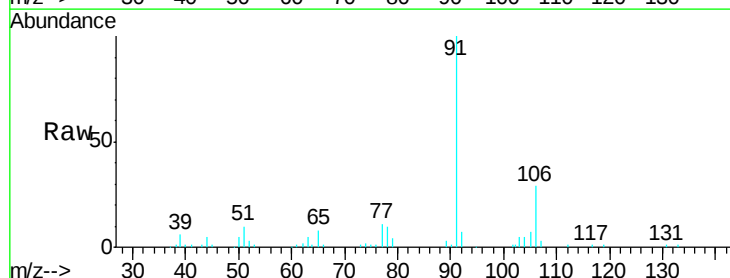


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.60 (200.30 to 201.30): V

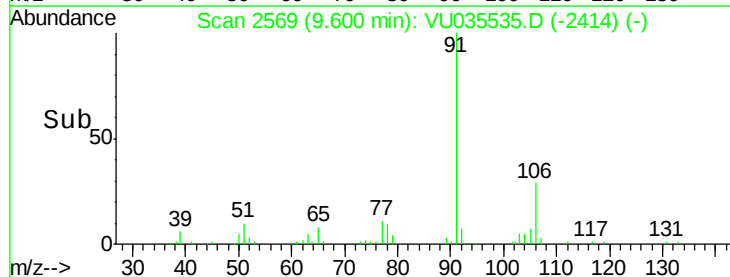
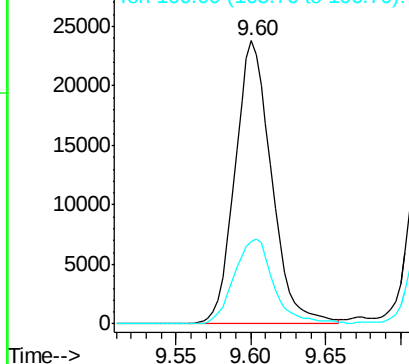


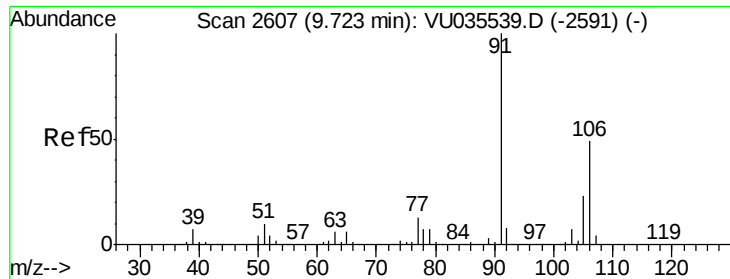
#63
Ethyl Benzene
Concen: 0.467 ug/l
RT: 9.60 min Scan# 2569
Delta R.T. -0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Tgt Ion: 91 Resp: 40382
Ion Ratio Lower Upper
91 100
106 29.1 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 106.00 (105.70 to 106.70): V





#64

m/p-Xylenes

Concen: 0.874 ug/l

RT: 9.73 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion:106 Resp: 30518

Ion Ratio Lower Upper

106 100

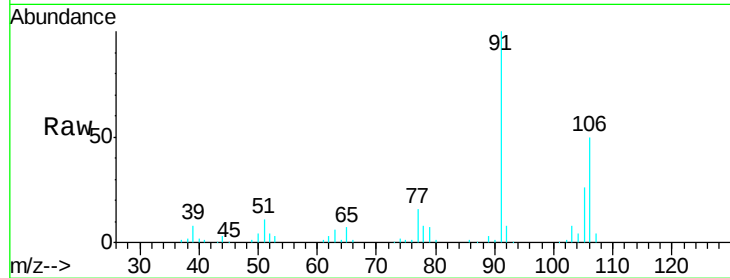
91 193.8 81.0 121.4#

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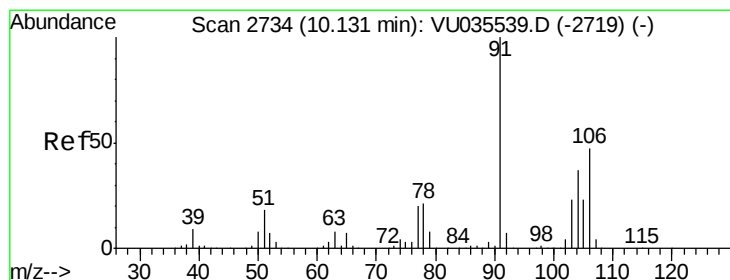
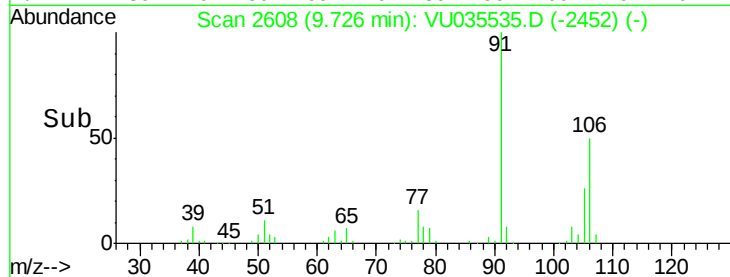
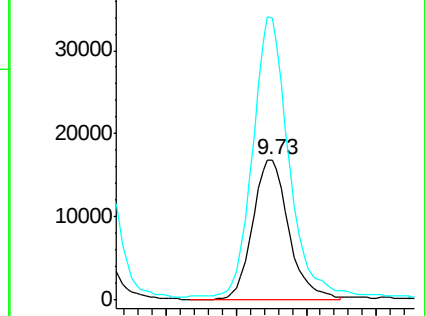
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#65

o-Xylene

Concen: 0.463 ug/l

RT: 10.13 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VU035535.D

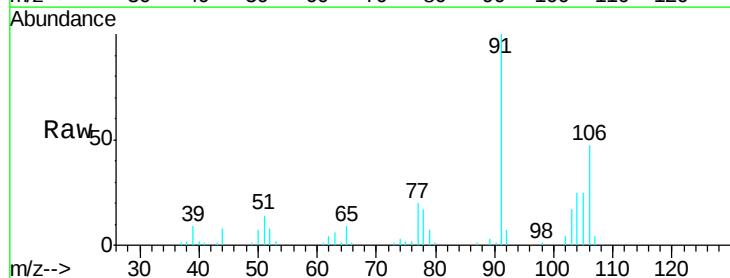
Acq: 29 Oct 2019 11:23

Tgt Ion:106 Resp: 15416

Ion Ratio Lower Upper

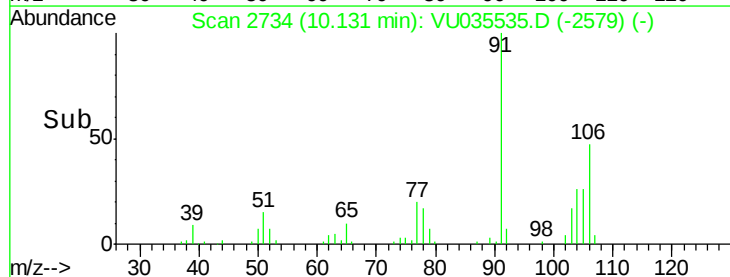
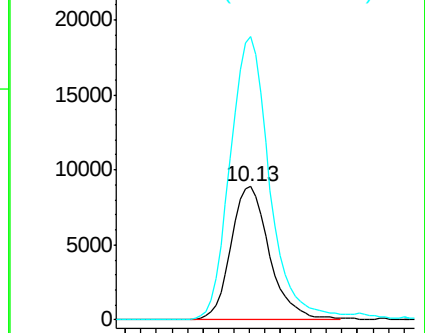
106 100

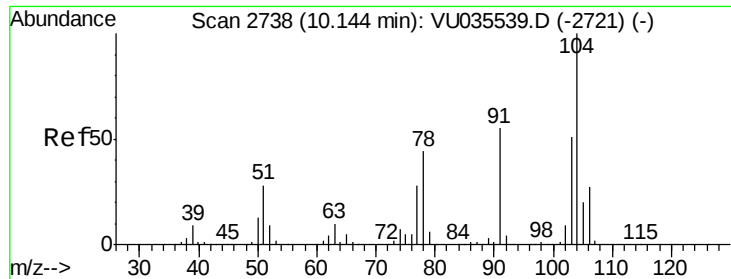
91 216.8 107.1 321.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





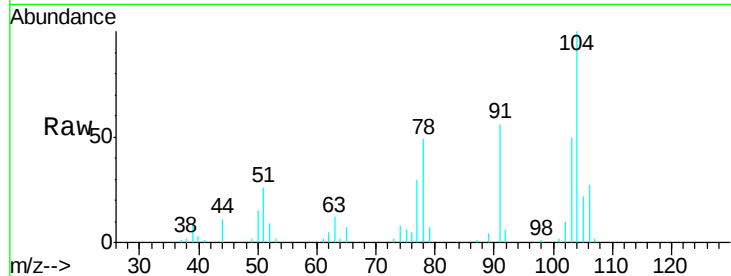
#66
Styrene
Concen: 0.411 ug/l
RT: 10.15 min Scan# 2739
Delta R.T. 0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.8	38.6	58.0
103	56.2	43.6	65.4

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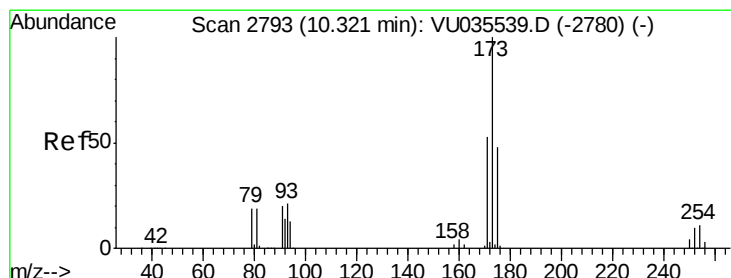
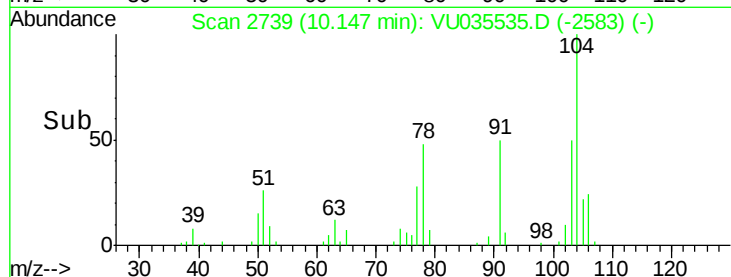
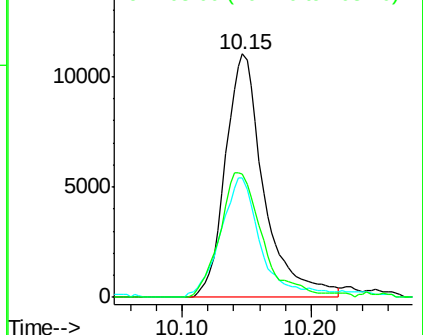


Abundance

Ion 104.00 (103.70 to 104.70): V

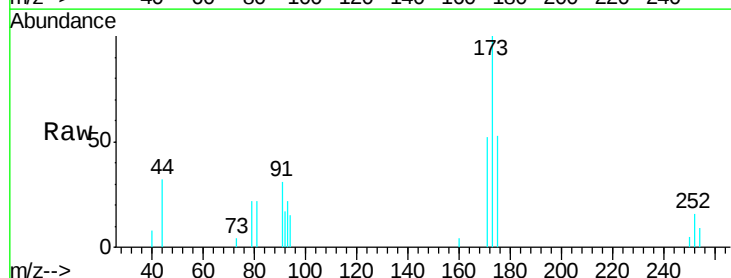
Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#67
Bromoform
Concen: 0.587 ug/l
RT: 10.32 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.3	38.7	58.1
254	8.5	8.2	12.2

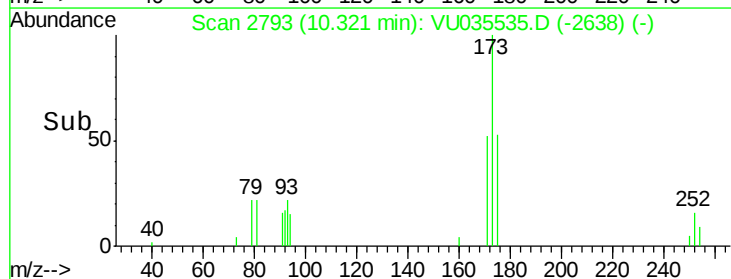
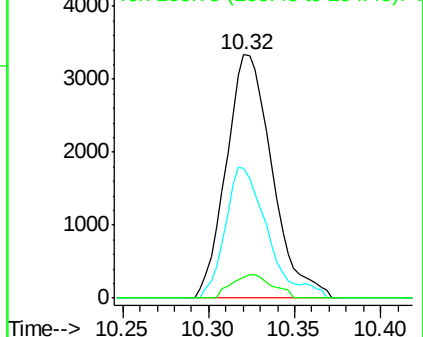


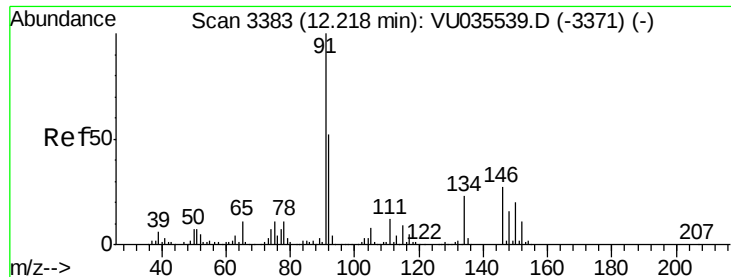
Abundance

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





#68

1,2-Dichlorobenzene-d4

Concen: 0.847 ug/l

RT: 12.22 min Scan# 3384

Delta R.T. 0.00 min

Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

Instrument :

MSVOA_U

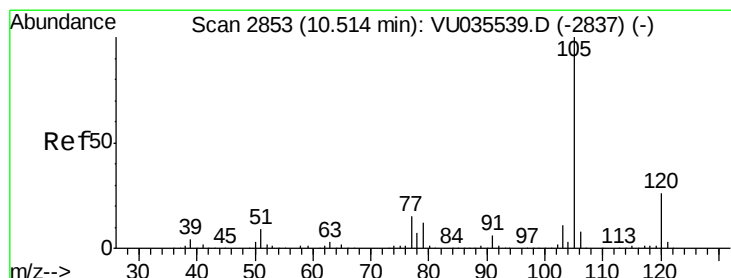
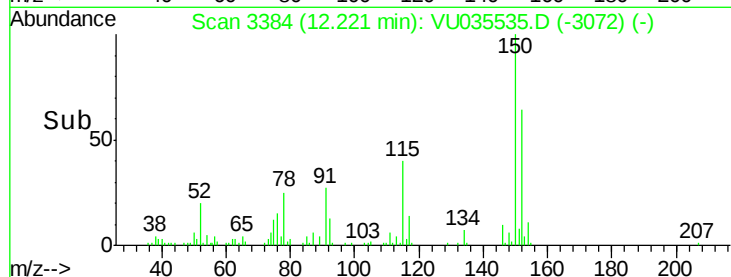
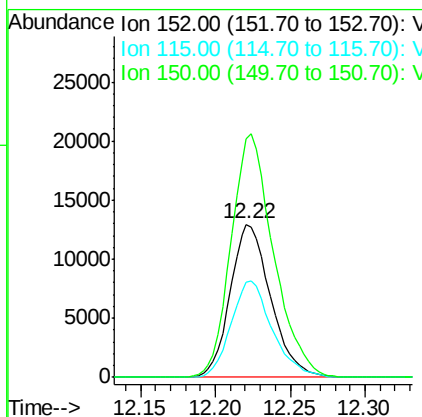
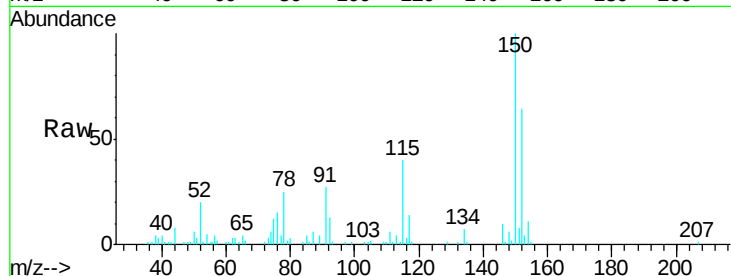
ClientSampleId :

VSTDIC0.5

Tgt Ion:	152	Resp:	24400
Ion Ratio	Lower	Upper	
152	100		
115	63.7	0.0	250.6
150	166.4	0.0	656.8

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#69

Isopropylbenzene

Concen: 0.448 ug/l

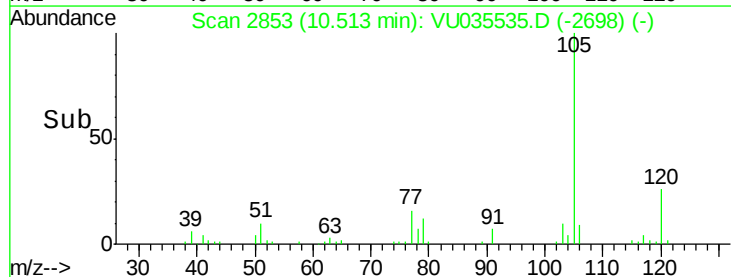
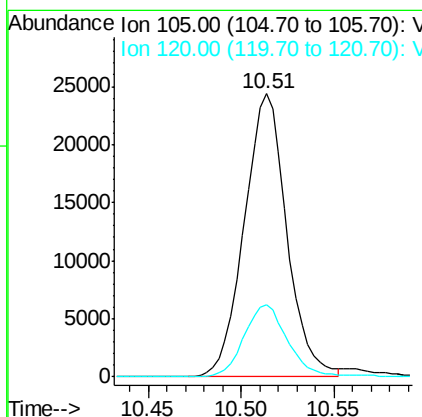
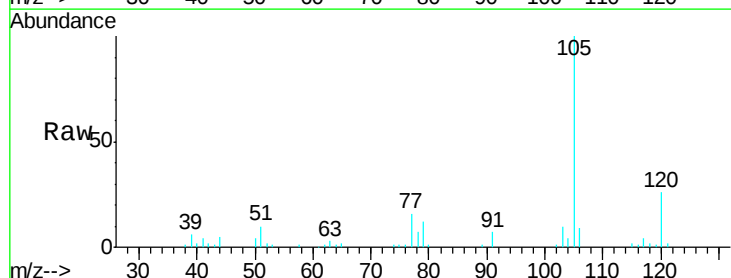
RT: 10.51 min Scan# 2853

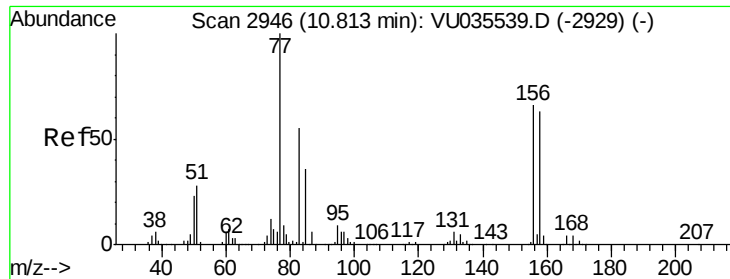
Delta R.T. -0.00 min

Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

Tgt Ion:	105	Resp:	38942
Ion Ratio	Lower	Upper	
105	100		
120	26.4	13.2	39.5





#70

1,1,2,2-Tetrachloroethane

Concen: 0.644 ug/l

RT: 10.81 min Scan# 2946

Delta R.T. -0.00 min

Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 83 Resp: 12191

Ion Ratio Lower Upper

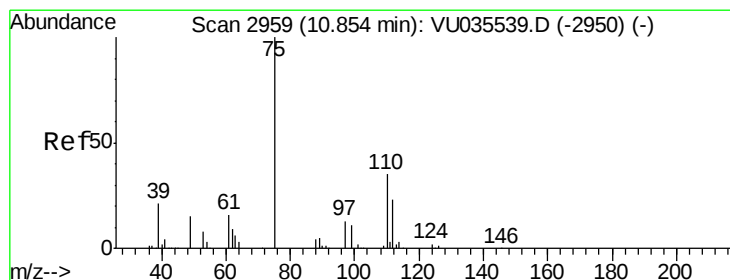
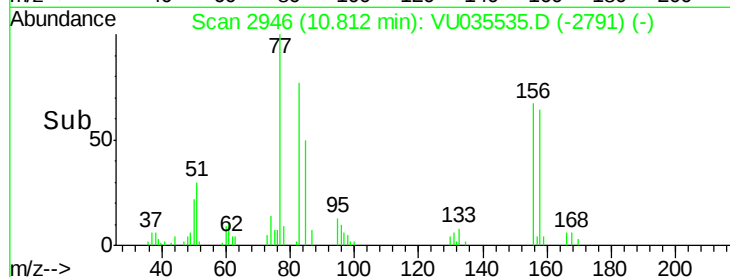
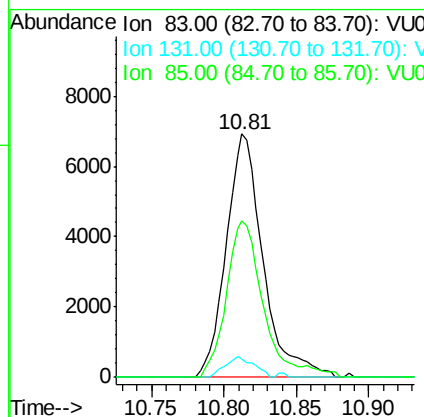
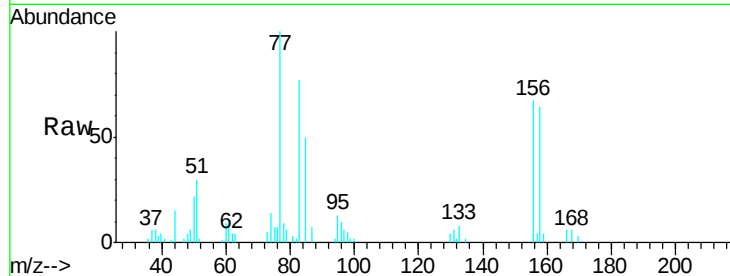
83 100

131 6.6 0.0 0.0#

85 64.6 33.5 50.3#

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#71

1,2,3-Trichloropropane

Concen: 0.693 ug/l m

RT: 10.86 min Scan# 2960

Delta R.T. 0.00 min

Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

Tgt Ion: 75 Resp: 9148

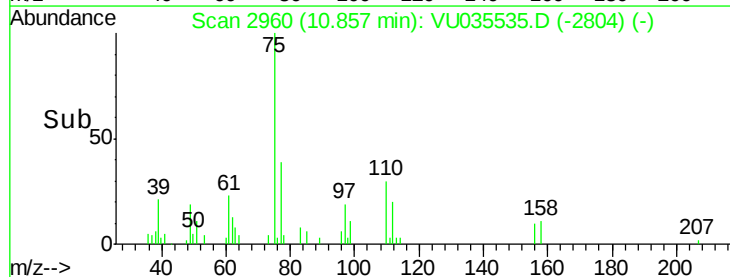
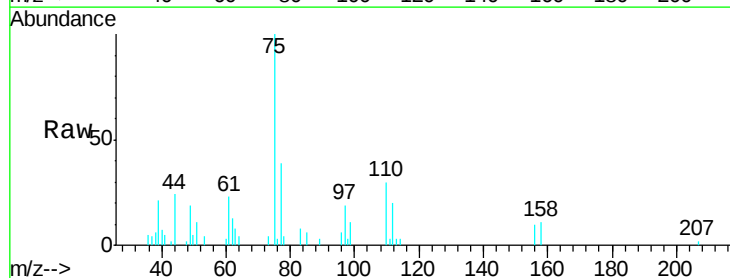
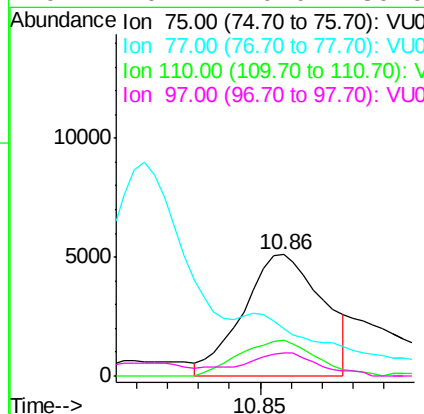
Ion Ratio Lower Upper

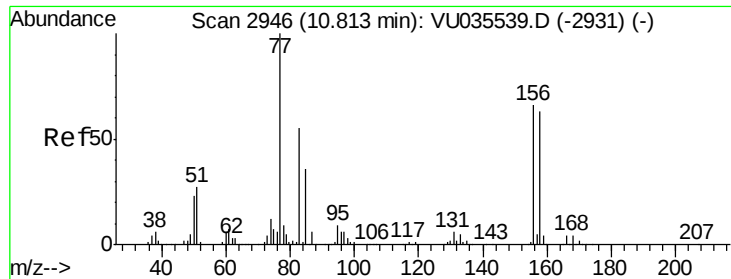
75 100

77 23.9 0.0 68.6

110 28.6 0.0 77.2

97 16.4 0.0 39.0





#72

Bromobenzene

Concen: 0.519 ug/l

RT: 10.81 min Scan# 2946

Delta R.T. -0.00 min

Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

Instrument :

MSVOA_U

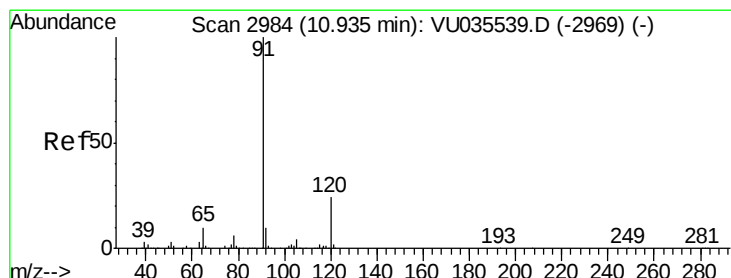
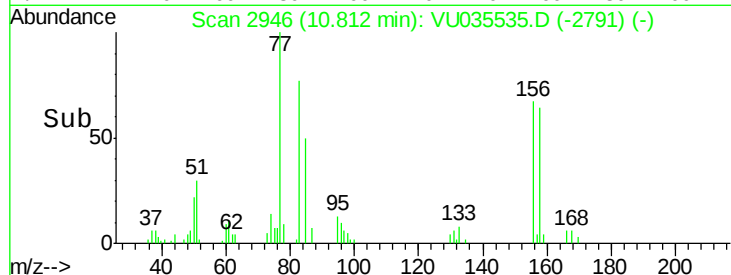
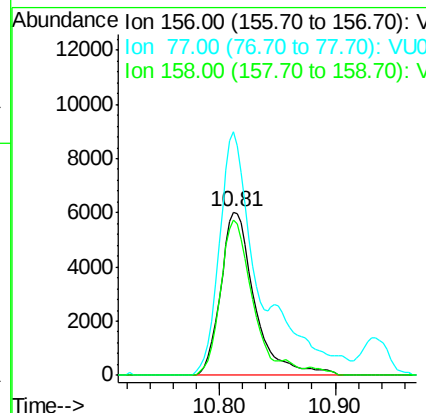
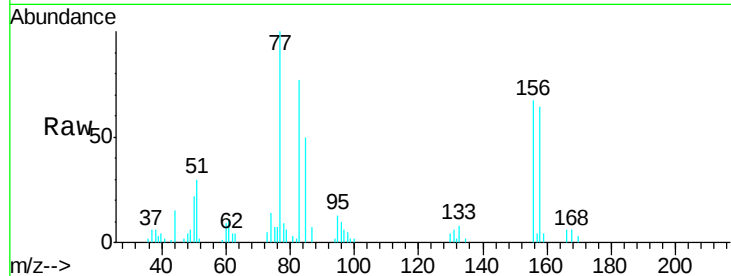
ClientSampleId :

VSTDIC0.5

Tgt Ion	Ratio	Lower	Upper
156	100		
77	135.3	0.0	300.4
158	90.5	0.0	194.4

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#73

n-propylbenzene

Concen: 0.424 ug/l

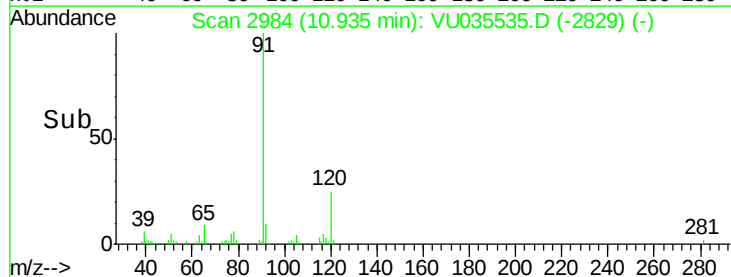
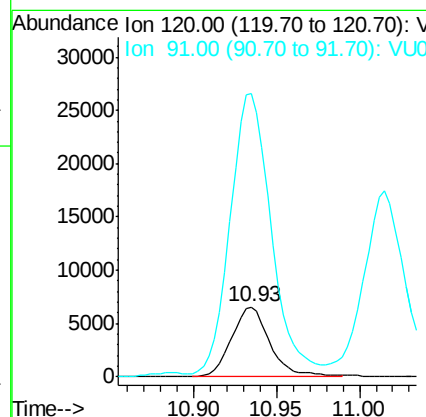
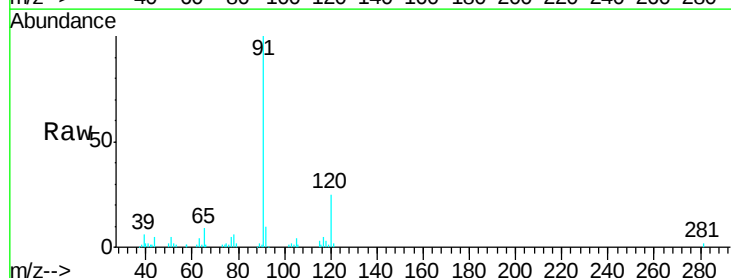
RT: 10.93 min Scan# 2984

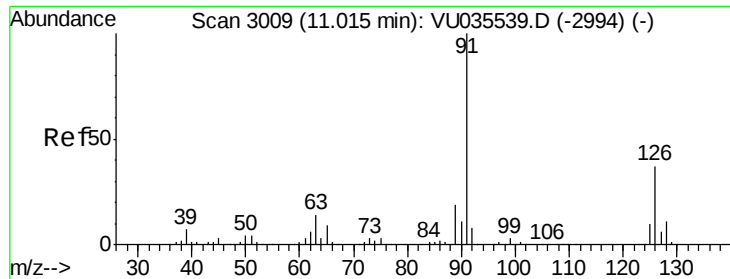
Delta R.T. -0.00 min

Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

Tgt Ion	Ratio	Lower	Upper
120	100		
91	423.4	340.6	510.8





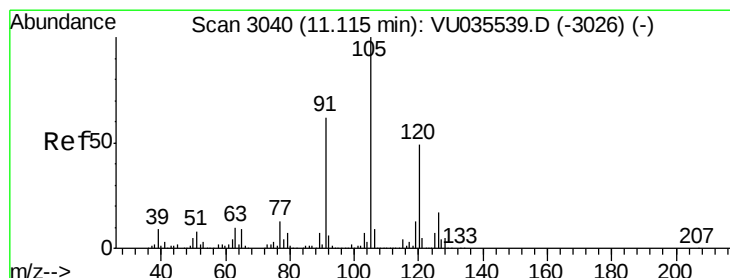
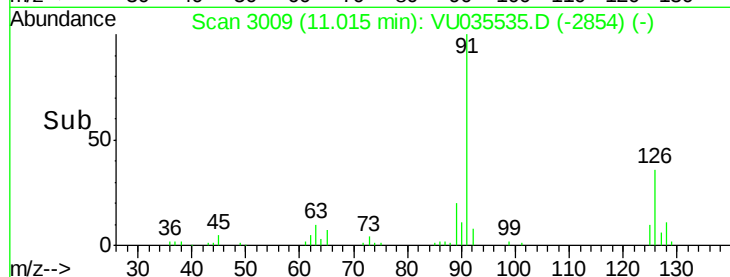
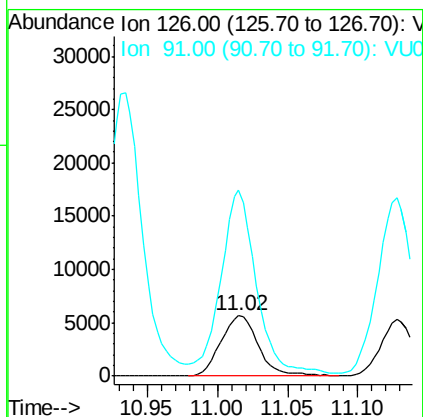
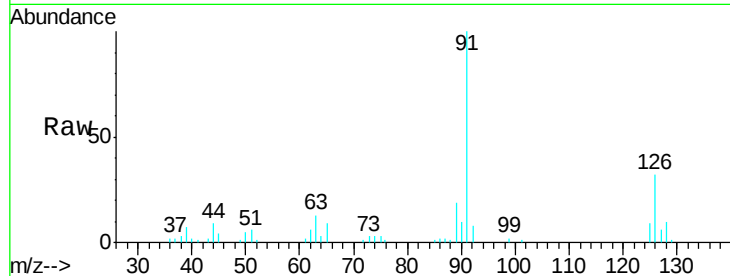
#74
2-Chlorotoluene
Concen: 0.465 ug/l
RT: 11.02 min Scan# 3009
Delta R.T. -0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:126 Resp: 10539
Ion Ratio Lower Upper
126 100
91 287.7 0.0 574.2

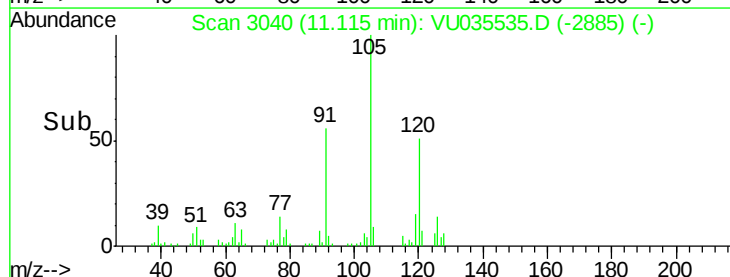
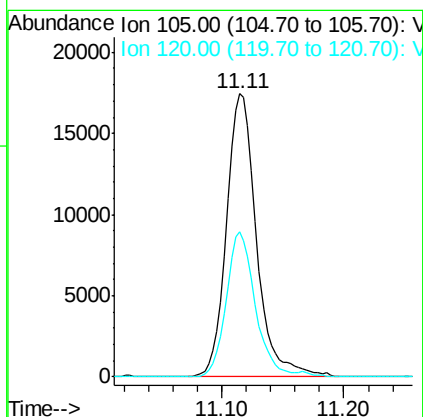
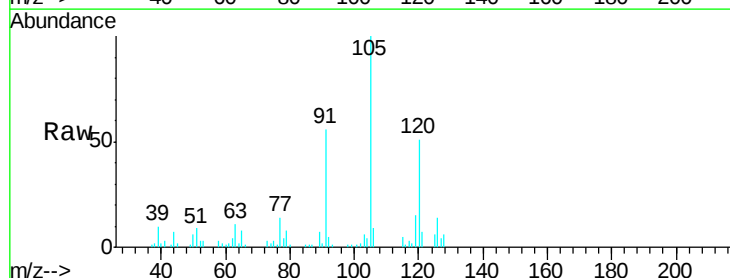
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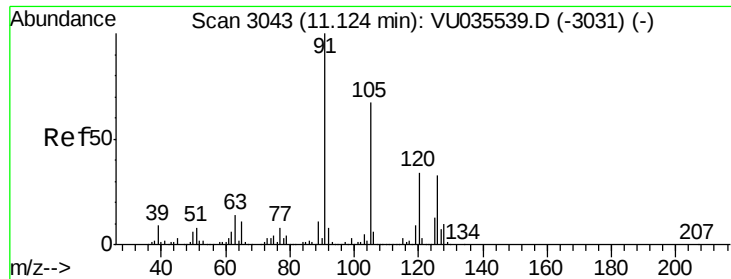
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#75
1,3,5-Trimethylbenzene
Concen: 0.391 ug/l
RT: 11.11 min Scan# 3040
Delta R.T. -0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Tgt Ion:105 Resp: 30099
Ion Ratio Lower Upper
105 100
120 49.2 39.4 59.2





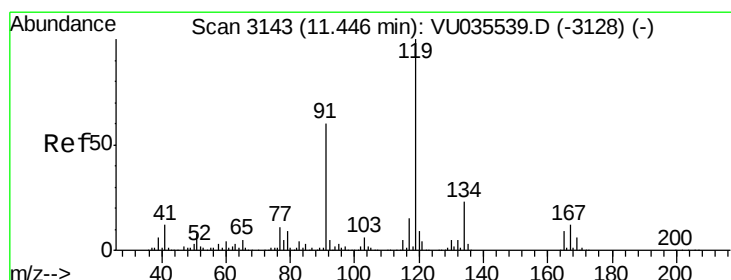
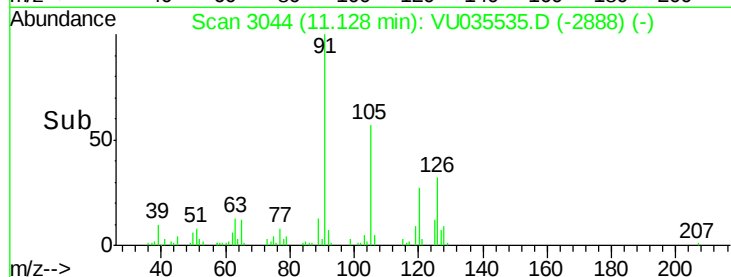
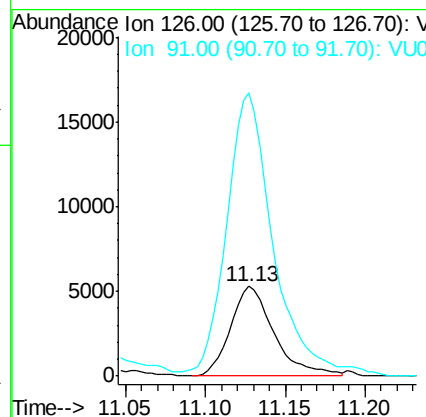
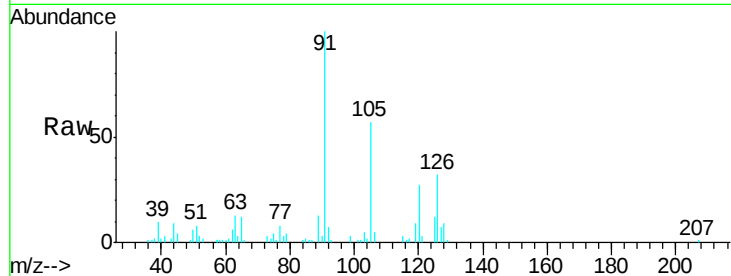
#76
4-Chlorotoluene
Concen: 0.428 ug/l
RT: 11.13 min Scan# 3044
Delta R.T. 0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:126 Resp: 9896
Ion Ratio Lower Upper
126 100
91 340.0 0.0 637.0

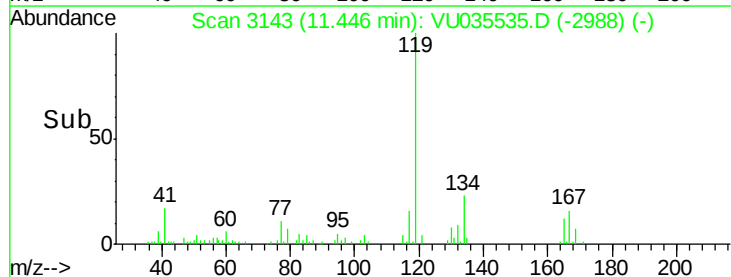
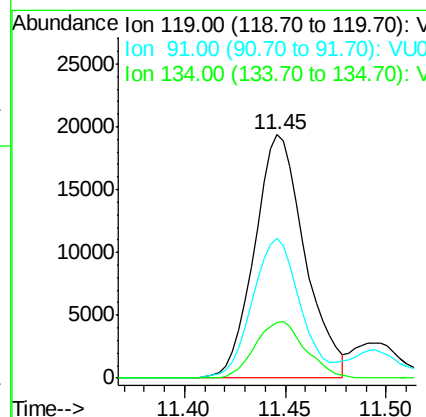
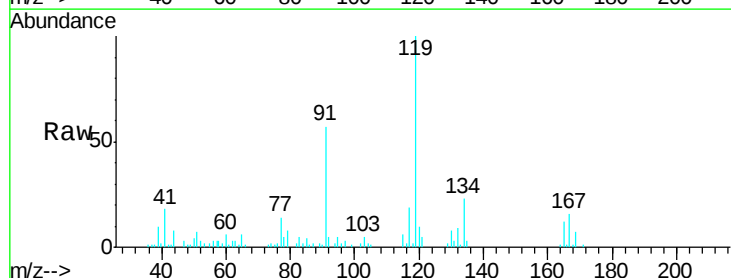
Manual Integrations
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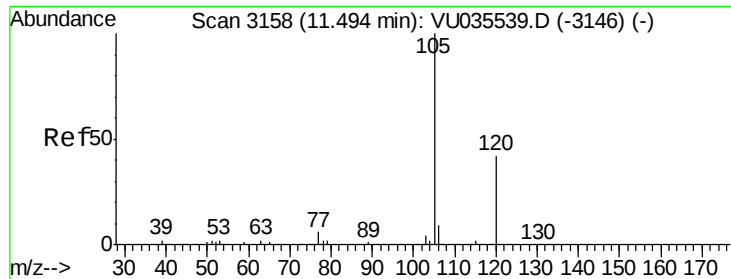
MMDadoda
10/30/2019 10:38:28 AM



#77
tert-Butylbenzene
Concen: 0.447 ug/l
RT: 11.45 min Scan# 3143
Delta R.T. -0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Tgt Ion:119 Resp: 33638
Ion Ratio Lower Upper
119 100
91 55.0 27.9 83.7
134 23.1 18.3 27.5





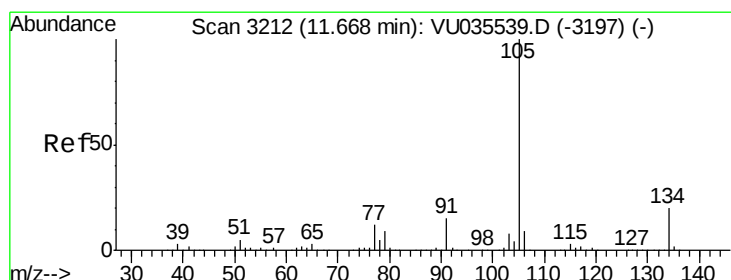
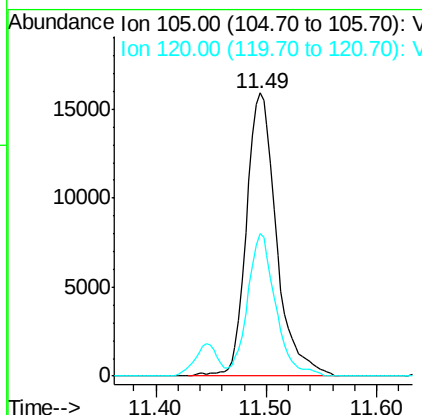
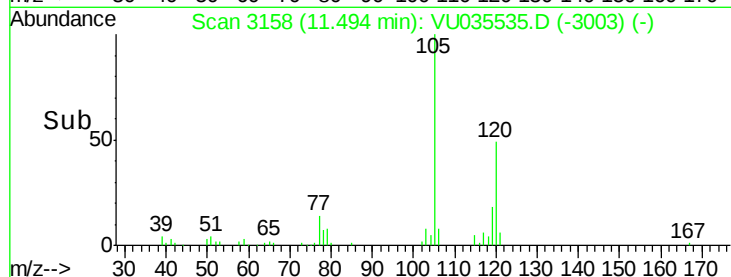
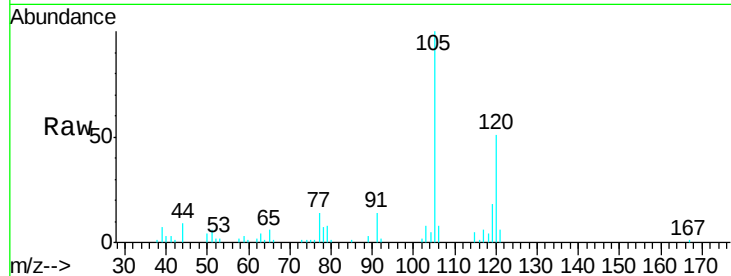
#78
1,2,4-Trimethylbenzene
Concen: 0.385 ug/l
RT: 11.49 min Scan# 3158
Delta R.T. -0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:105 Resp: 29974
Ion Ratio Lower Upper
105 100
120 46.7 23.2 69.5

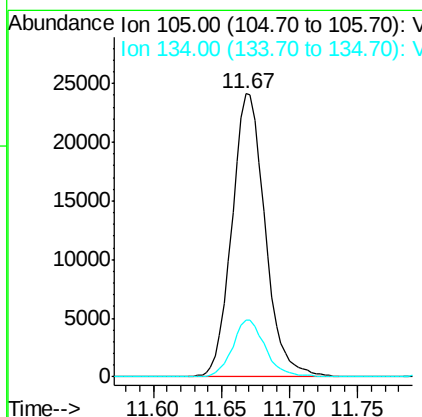
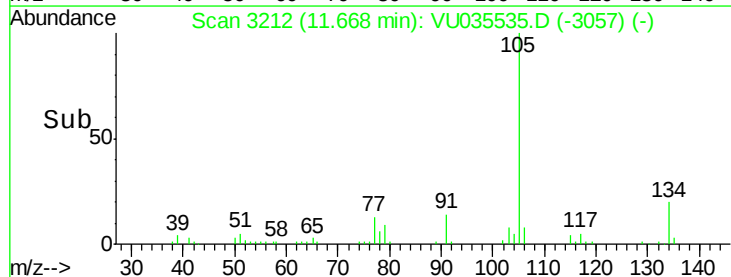
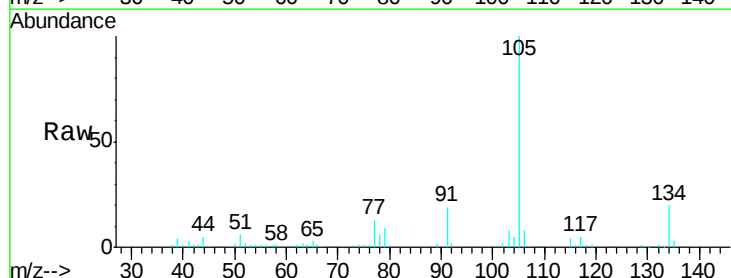
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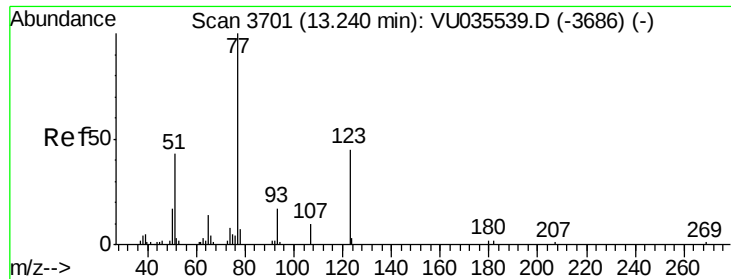
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#79
sec-Butylbenzene
Concen: 0.405 ug/l
RT: 11.67 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Tgt Ion:105 Resp: 40881
Ion Ratio Lower Upper
105 100
134 19.8 15.9 23.9





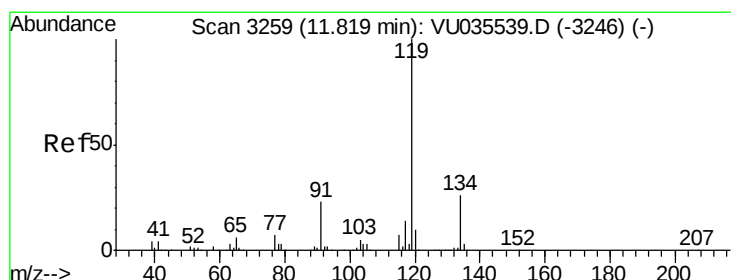
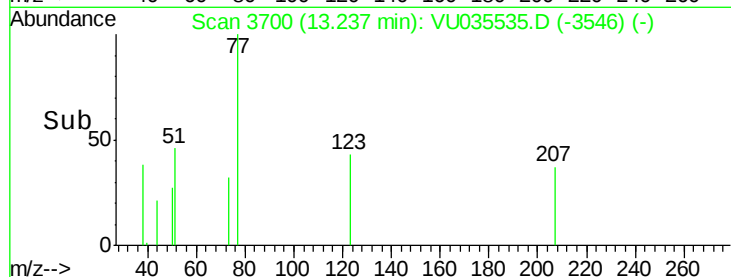
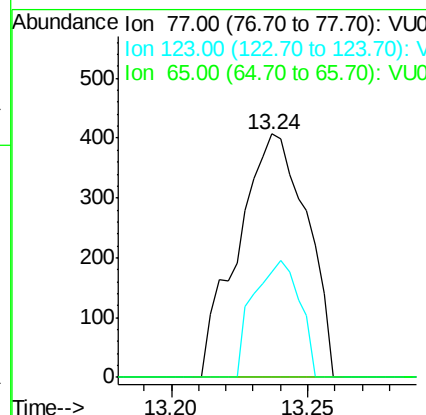
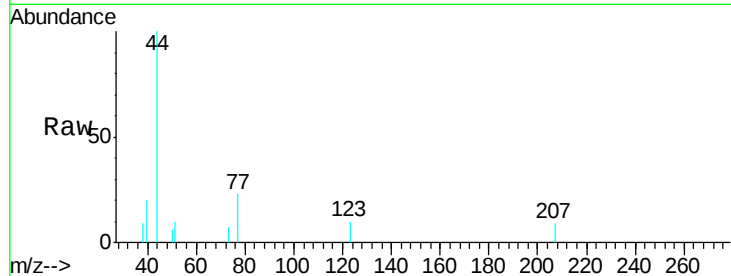
#80
Nitrobenzene
Concen: 1.837 ug/l
RT: 13.24 min Scan# 3700
Delta R.T. -0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Instrument :
MSVOA_U
ClientSampled :
VSTDIC0.5

Tgt Ion	Ratio	Lower	Upper
77	100		
123	32.5	18.9	67.1
65	0.0	11.2	14.2#

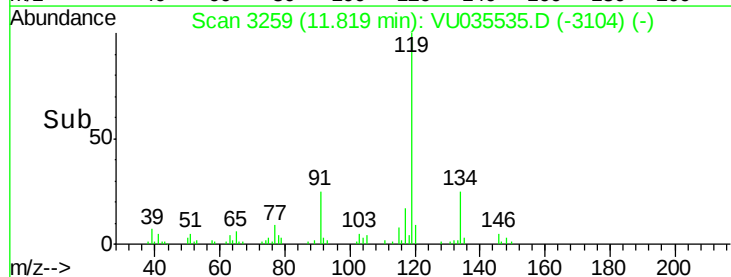
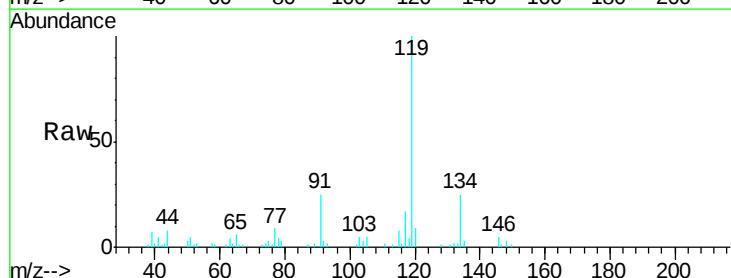
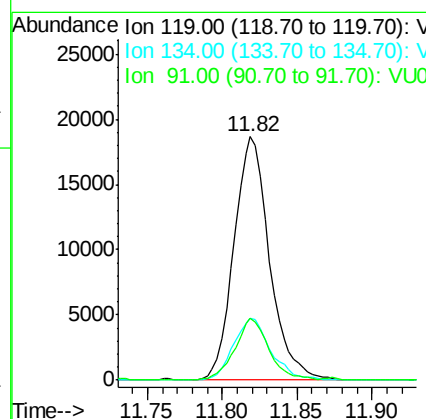
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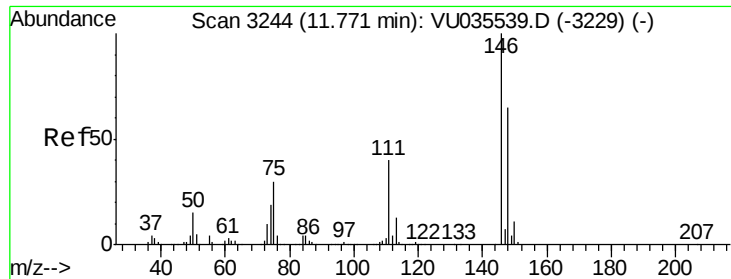
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#81
p-Isopropyltoluene
Concen: 0.370 ug/l
RT: 11.82 min Scan# 3259
Delta R.T. -0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	17.0	25.4#
91	24.3	41.3	61.9#





#82

1,3-Dichlorobenzene

Concen: 0.455 ug/l

RT: 11.77 min Scan# 3245

Delta R.T. 0.00 min

Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

Instrument :

MSVOA_U

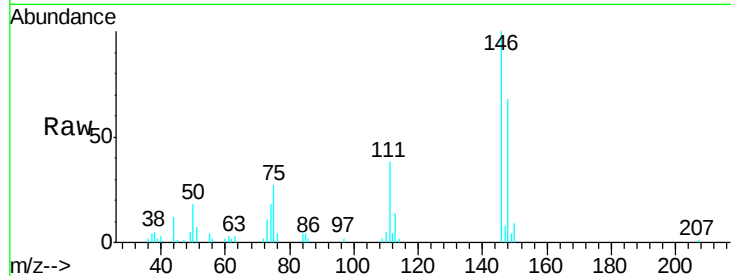
ClientSampleId :

VSTDIC0.5

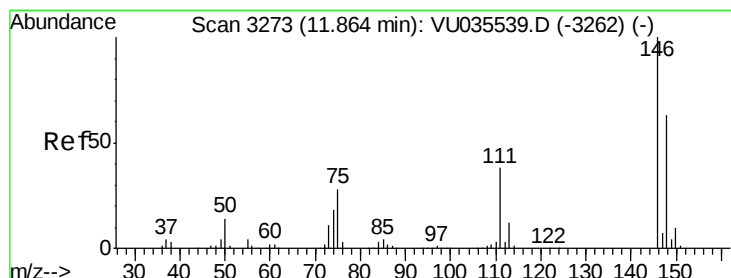
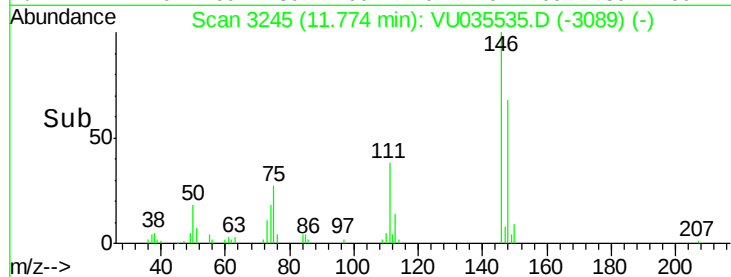
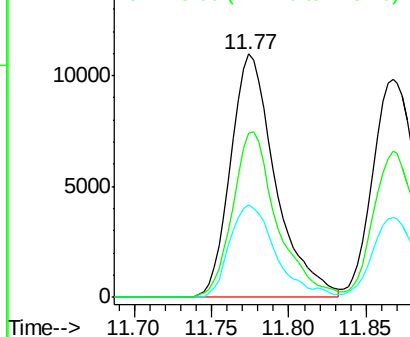
Tgt Ion:	146	Resp:	22147
Ion Ratio	Lower	Upper	
146	100		
111	38.8	31.8	47.6
148	67.3	50.9	76.3

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Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#83

1,4-Dichlorobenzene

Concen: 0.424 ug/l

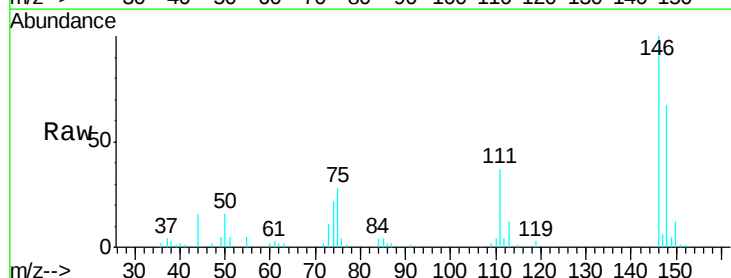
RT: 11.87 min Scan# 3274

Delta R.T. 0.00 min

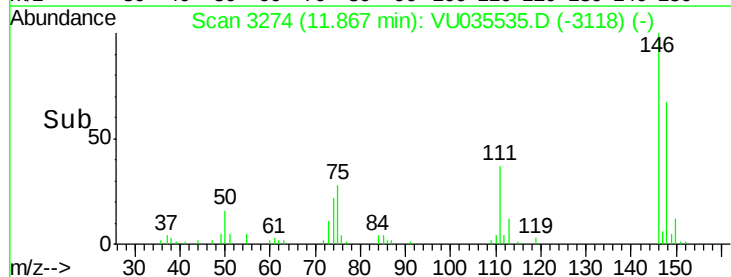
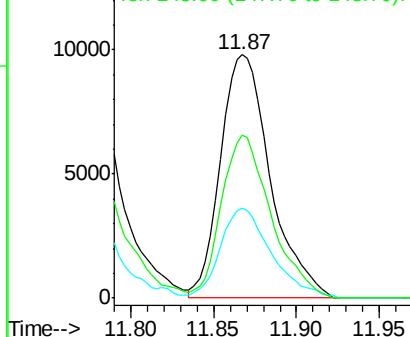
Lab File: VU035535.D

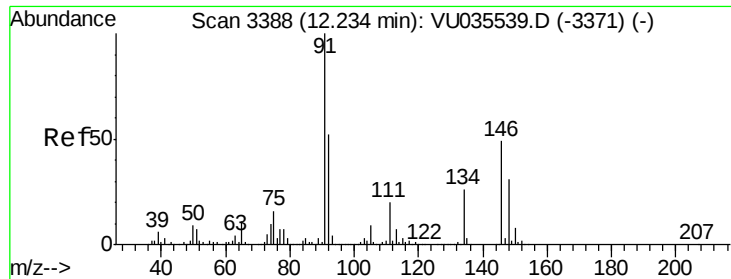
Acq: 29 Oct 2019 11:23

Tgt Ion:	146	Resp:	20501
Ion Ratio	Lower	Upper	
146	100		
111	38.1	30.1	45.1
148	66.7	51.0	76.4



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





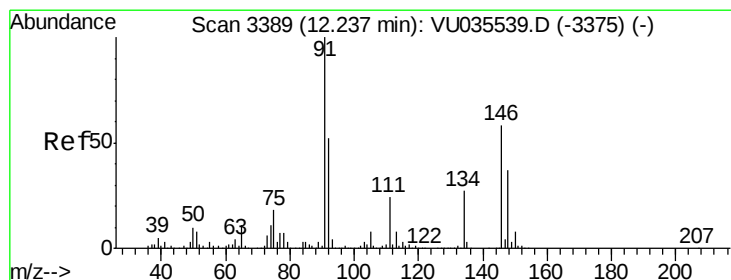
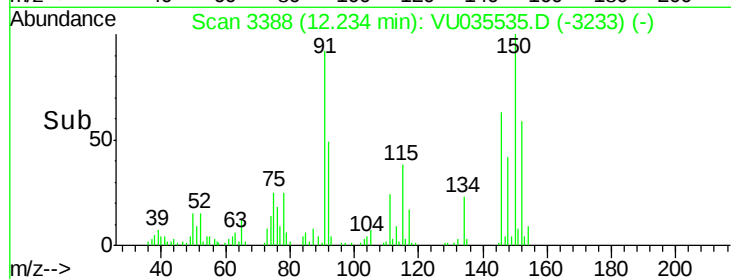
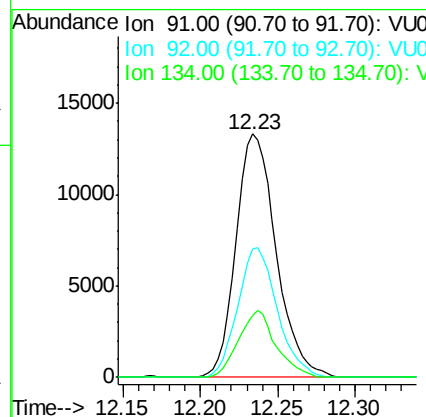
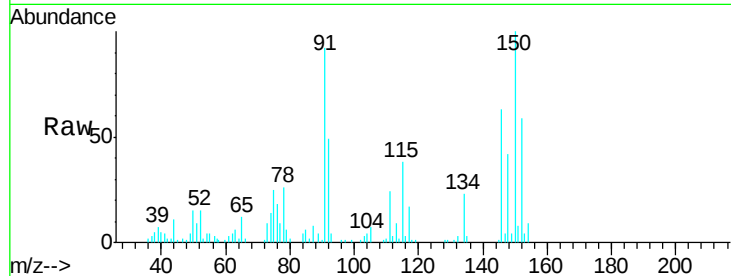
#84
n-Butylbenzene
Concen: 0.315 ug/l
RT: 12.23 min Scan# 3388
Delta R.T. -0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	23965		
92	52.5		41.4	62.0
134	25.4		20.6	30.8

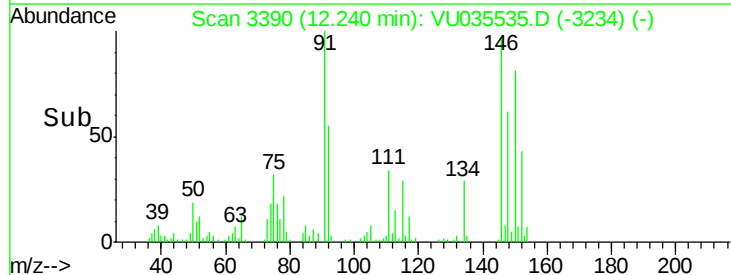
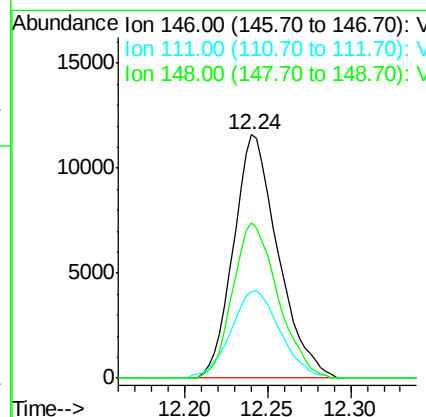
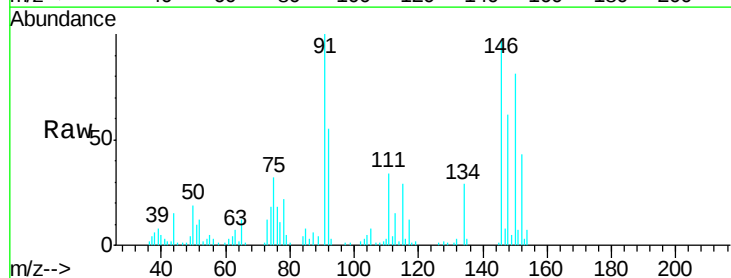
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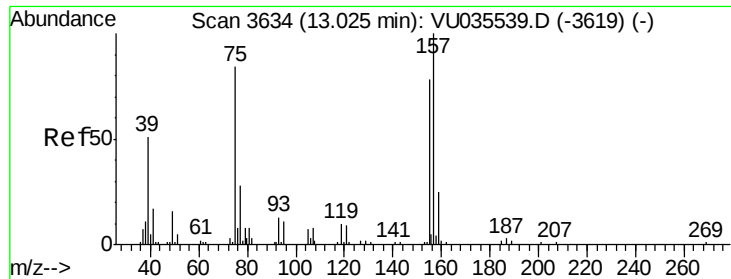
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#85
1,2-Dichlorobenzene
Concen: 0.487 ug/l
RT: 12.24 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU035535.D
Acq: 29 Oct 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	21665		
111	39.8		20.5	61.5
148	64.7		32.0	96.2





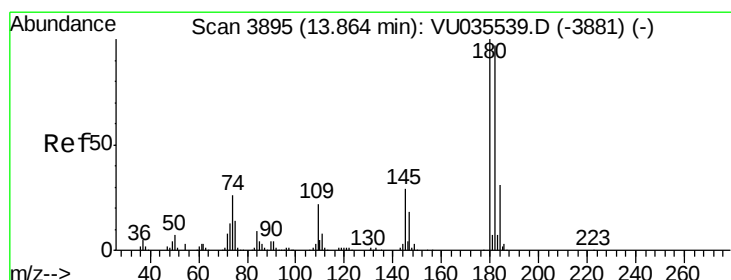
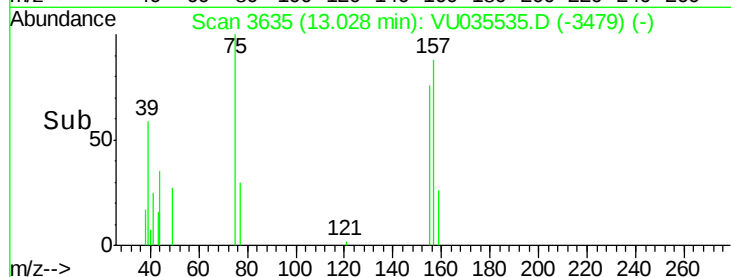
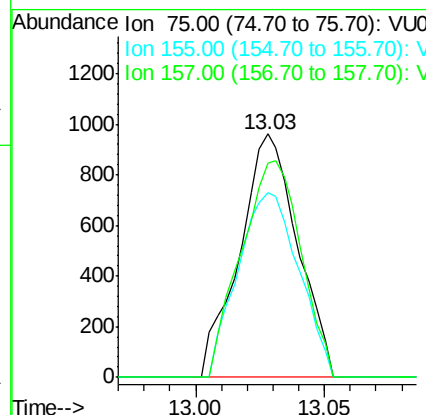
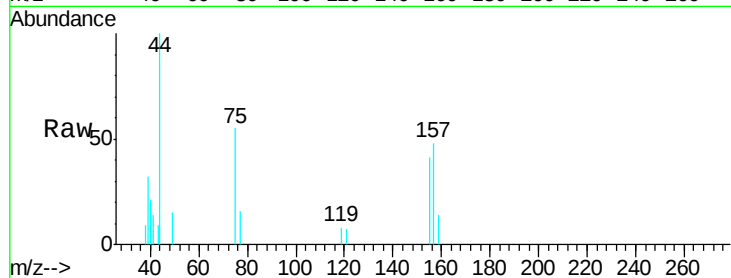
#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.601 ug/l
 RT: 13.03 min Scan# 3635
 Delta R.T. 0.00 min
 Lab File: VU035535.D
 Acq: 29 Oct 2019 11:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.0	71.3	106.9
157	92.2	91.2	136.8

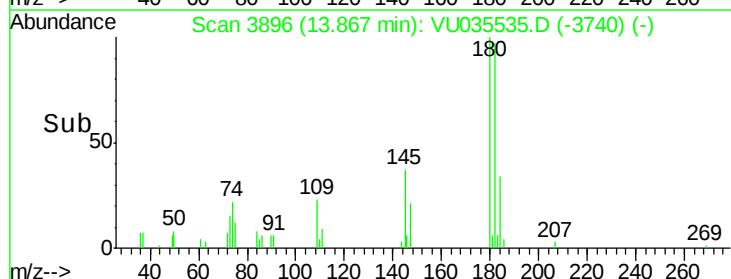
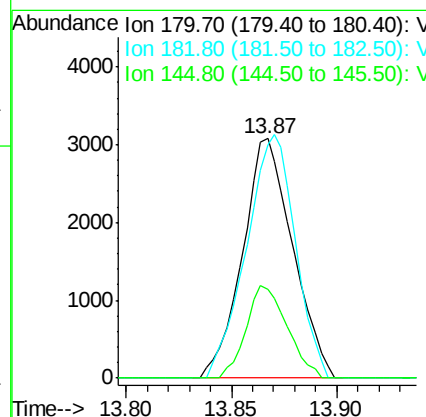
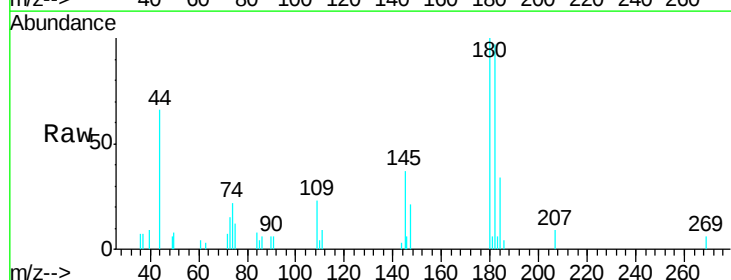
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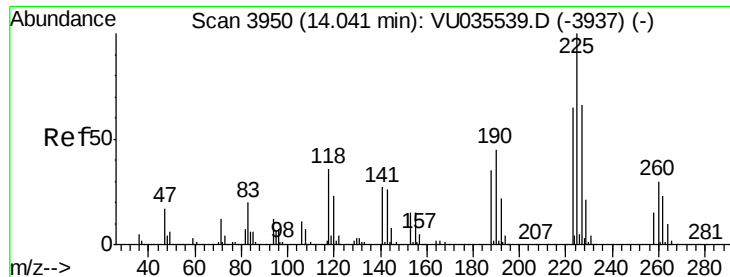
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#87
 1,2,4-Trichlorobenzene
 Concen: 0.210 ug/l
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.00 min
 Lab File: VU035535.D
 Acq: 29 Oct 2019 11:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.2	77.4	116.0
145	31.4	22.6	33.8





#88

Hexachlorobutadiene

Concen: 0.472 ug/l

RT: 14.04 min Scan# 3951

Delta R.T. 0.00 min

Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

Instrument :

MSVOA_U

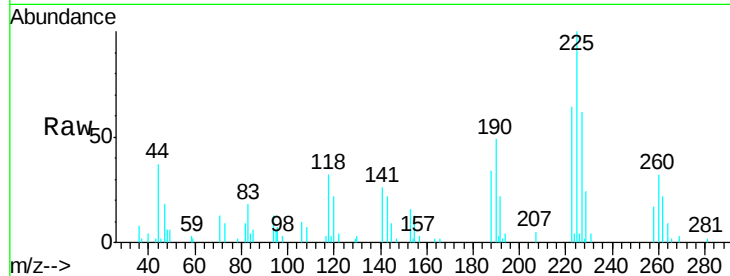
ClientSampleId :

VSTDIC0.5

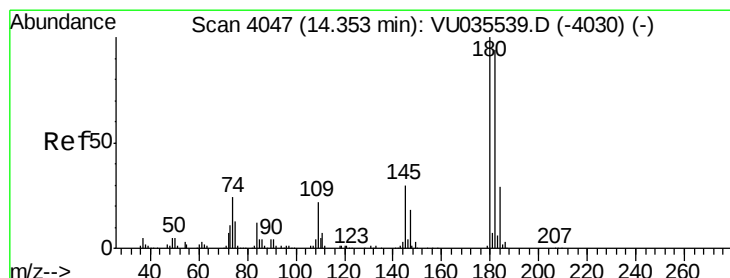
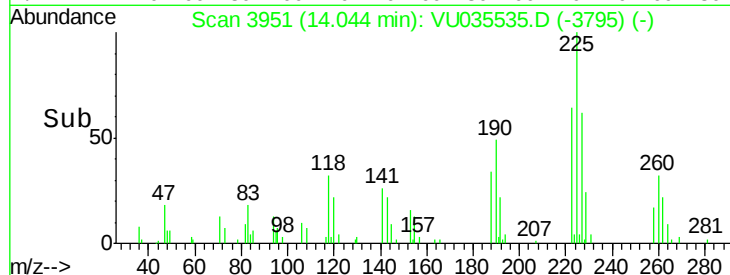
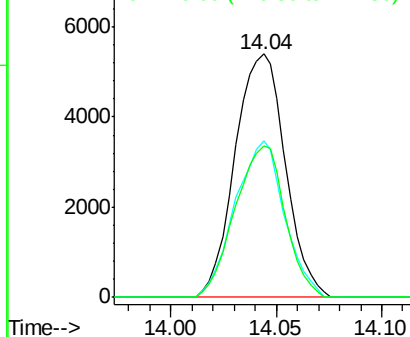
Tgt Ion:	225	Resp:	8924
Ion Ratio	Lower	Upper	
225	100		
223	63.2	50.7	76.1
227	61.7	52.2	78.4

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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



#90

1,2,3-Trichlorobenzene

Concen: 0.256 ug/l

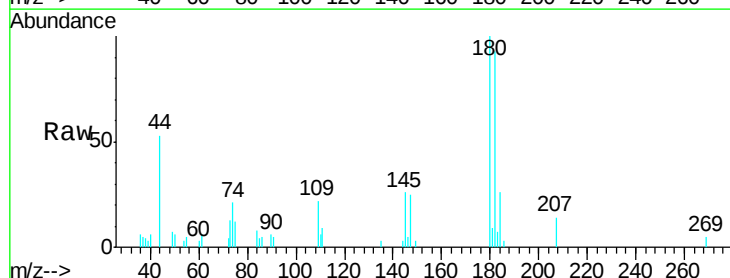
RT: 14.36 min Scan# 4048

Delta R.T. 0.00 min

Lab File: VU035535.D

Acq: 29 Oct 2019 11:23

Tgt Ion:	180	Resp:	5772
Ion Ratio	Lower	Upper	
180	100		
182	95.0	75.8	113.8
145	26.7	23.7	35.5



Abundance Ion 179.70 (179.40 to 180.40): V
Ion 181.70 (181.40 to 182.40): V
Ion 144.80 (144.50 to 145.50): V

