

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062318\
 Data File : VU024862.D
 Acq On : 23 Jun 2018 03:30
 Operator : MD/SY
 Sample : J3592-04MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0627MSD

Manual Integrations
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 6/26/2018 11:59:55 AM

Quant Time: Jun 23 04:58:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	179546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	273698	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	257880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	156589	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	124812	42.58	ug/l	0.00
Spiked Amount			Recovery	=	85.16%	
35) Dibromofluoromethane	4.89	113	101094	44.51	ug/l	0.00
Spiked Amount			Recovery	=	89.02%	
50) Toluene-d8	7.57	98	353774	42.70	ug/l	0.00
Spiked Amount			Recovery	=	85.40%	
62) 4-Bromofluorobenzene	10.31	95	141379	42.98	ug/l	0.00
Spiked Amount			Recovery	=	85.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	99927	44.46	ug/l	98
3) Chloromethane	1.33	50	96537	42.05	ug/l	98
4) Vinyl Chloride	1.40	62	344580	145.53	ug/l	99
5) Bromomethane	1.63	94	49504	43.25	ug/l	99
6) Chloroethane	1.70	64	69697	52.73	ug/l	98
7) Trichlorofluoromethane	1.89	101	175467	48.56	ug/l	99
8) Diethyl Ether	2.10	74	64008	52.13	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.29	101	99171	44.24	ug/l	97
10) Methyl Iodide	2.41	142	98855	51.88	ug/l	99
11) Tert butyl alcohol	2.83	59	189381	265.66	ug/l	99
12) 1,1-Dichloroethene	2.29	96	93006	45.49	ug/l	96
13) Acrolein	2.20	56	49087	131.13	ug/l	97
14) Allyl chloride	2.60	41	173970	45.83	ug/l	92
15) Acrylonitrile	2.94	53	338570	244.11	ug/l	99
16) Acetone	2.33	43	335405	212.97	ug/l	99
17) Carbon Disulfide	2.48	76	262072	40.03	ug/l	99
18) Methyl Acetate	2.62	43	176701	52.34	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	366916	47.75	ug/l	97
20) Methylene Chloride	2.71	84	106310	43.02	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	118531	52.64	ug/l	98
22) Diisopropyl ether	3.57	45	352141	46.80	ug/l	95
23) Vinyl Acetate	3.53	43	1495674	221.89	ug/l	99
24) 1,1-Dichloroethane	3.45	63	201945	46.65	ug/l	97
25) 2-Butanone	4.27	43	516826	244.31	ug/l	97
26) 2,2-Dichloropropane	4.23	77	156661	38.11	ug/l	84
27) cis-1,2-Dichloroethene	4.23	96	490313	189.41	ug/l	91
28) Bromochloromethane	4.55	49	85236	44.70	ug/l	87
29) Tetrahydrofuran	4.64	42	325407	248.40	ug/l	96
30) Chloroform	4.68	83	213093	48.64	ug/l	99
31) Cyclohexane	5.00	56	181358	47.06	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	192425	47.49	ug/l	97
36) 1,1-Dichloropropene	5.14	75	149357	46.44	ug/l	98
37) Ethyl Acetate	4.38	43	178635	50.96	ug/l	98
38) Carbon Tetrachloride	5.14	117	176227	49.83	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	183423	45.70	ug/l	97
40) Benzene	5.39	78	437516	47.74	ug/l	100
41) Methacrylonitrile	4.54	41	101232	53.56	ug/l	98
42) 1,2-Dichloroethane	5.41	62	179287	51.37	ug/l	99
43) Isopropyl Acetate	5.55	43	281588	46.47	ug/l	98
44) Trichloroethene	6.19	130	174733	67.00	ug/l	93
45) 1,2-Dichloropropane	6.44	63	119625	48.92	ug/l	99
46) Dibromomethane	6.56	93	85721	49.91	ug/l	95
47) Bromodichloromethane	6.76	83	165247	48.32	ug/l	100
48) Methyl methacrylate	6.63	41	147098	49.86	ug/l	98
49) 1,4-Dioxane	6.63	88	80165	1389.33	ug/l	94
51) 4-Methyl-2-Pentanone	7.46	43	1004510	263.88	ug/l	98
52) Toluene	7.64	92	285269	48.38	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	174971	45.55	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	182947	44.70	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	119968	50.06	ug/l	98
56) Ethyl methacrylate	8.02	69	195389	48.71	ug/l	97
57) 1,3-Dichloropropane	8.25	76	203850	50.42	ug/l	99
59) 2-Hexanone	8.36	43	814270	262.01	ug/l	99
60) Dibromochloromethane	8.48	129	141223	47.25	ug/l	99
61) 1,2-Dibromoethane	8.59	107	132572	49.70	ug/l	98
64) Tetrachloroethene	8.23	164	110171	44.94	ug/l	94
65) Chlorobenzene	9.12	112	325049	49.34	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	124331	49.68	ug/l	98
67) Ethyl Benzene	9.25	91	561424	48.61	ug/l	98
68) m/p-Xylenes	9.38	106	433453	97.74	ug/l	98
69) o-Xylene	9.78	106	217399	49.53	ug/l	97
70) Styrene	9.80	104	352387	48.86	ug/l	99
71) Bromoform	9.96	173	113861	47.86	ug/l #	98
73) Isopropylbenzene	10.17	105	595161	49.50	ug/l	99
74) N-amyl acetate	10.01	43	272520	47.66	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	206194	51.18	ug/l	100
76) 1,2,3-Trichloropropane	10.50	75	194238m	56.34	ug/l	
77) Bromobenzene	10.45	156	151793	49.87	ug/l	94
78) n-propylbenzene	10.59	91	674400	47.62	ug/l	97
79) 2-Chlorotoluene	10.66	91	401455	48.07	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	505639	48.52	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	55357m	37.16	ug/l	
82) 4-Chlorotoluene	10.78	91	465481	47.89	ug/l	99
83) tert-Butylbenzene	11.10	119	511931	51.07	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	519609	48.93	ug/l	100
85) sec-Butylbenzene	11.33	105	616482	49.13	ug/l	98
86) p-Isopropyltoluene	11.48	119	545396	48.54	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	275183	48.94	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	276641	48.88	ug/l	100
89) n-Butylbenzene	11.89	91	468261	46.94	ug/l	96
90) Hexachloroethane	12.15	117	95381	43.51	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	283679	50.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	58609	52.72	ug/l	93
93) 1,2,4-Trichlorobenzene	13.51	180	195989	56.35	ug/l	99

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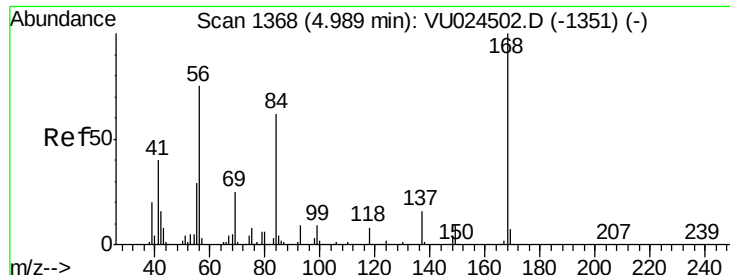
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	99259	50.70	ug/l	99
95) Naphthalene	13.74	128	682343	59.14	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	205699	59.35	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Instrument :

MSVOA_U

ClientSampleId :

S32-0627MSD

Tot Ion:168 Resp: 179546

Ion Ratio Lower Upper

168 100

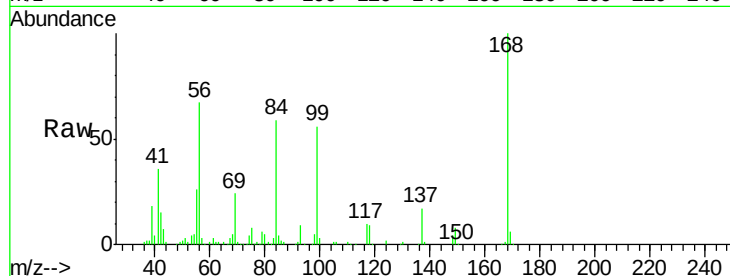
99 55.6 43.2 64.8

Manual Integrations

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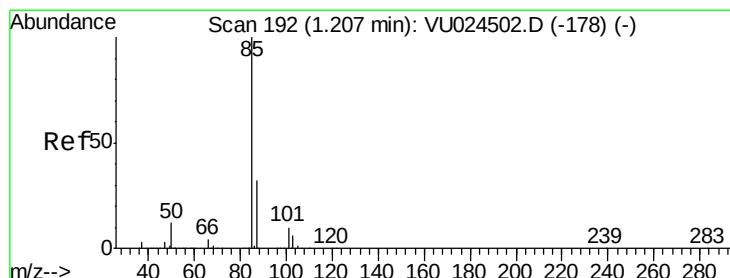
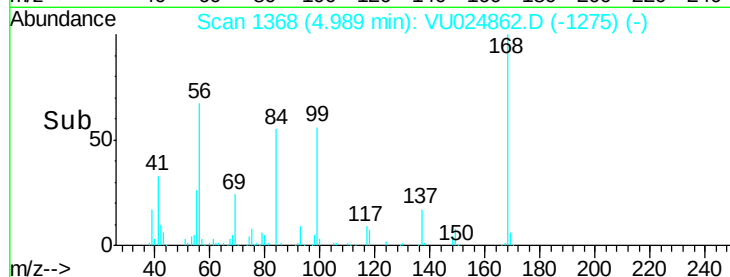
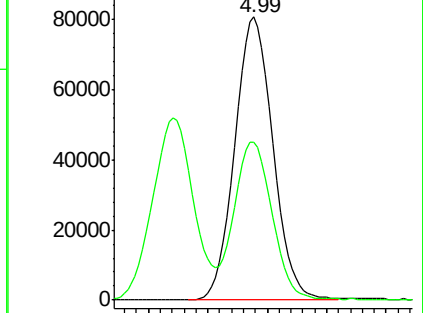
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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)



#2

Dichlorodifluoromethane

Concen: 44.46 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU024862.D

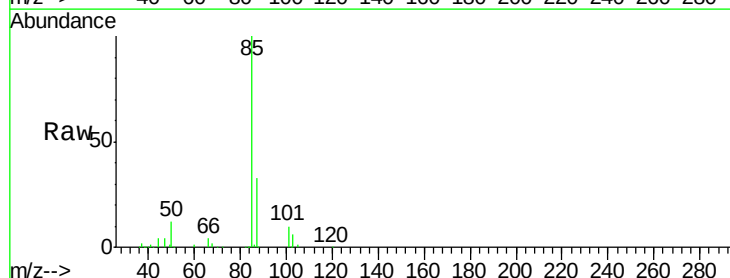
Acq: 23 Jun 2018 03:30

Tgt Ion: 85 Resp: 99927

Ion Ratio Lower Upper

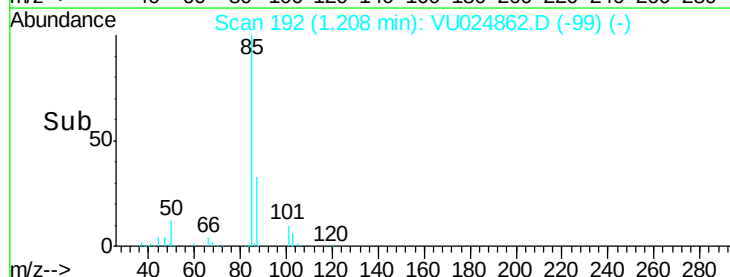
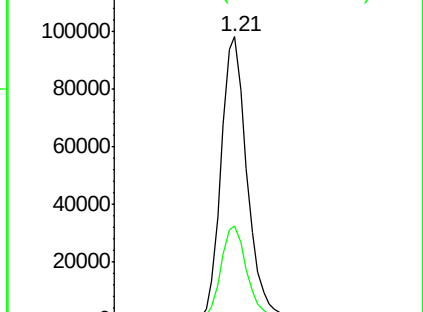
85 100

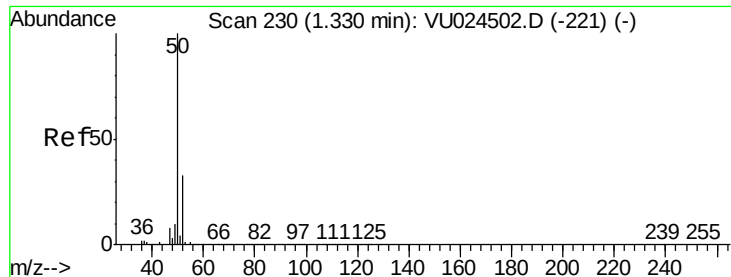
87 33.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU024502.D (-178) (-)

Ion 86.90 (86.60 to 87.60): VU024502.D (-178) (-)





#3

Chloromethane

Concen: 42.05 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Instrument :

MSVOA_U

ClientSampleId :

S32-0627MSD

Tot Ion: 50 Resp: 96537

Ion Ratio Lower Upper

50 100

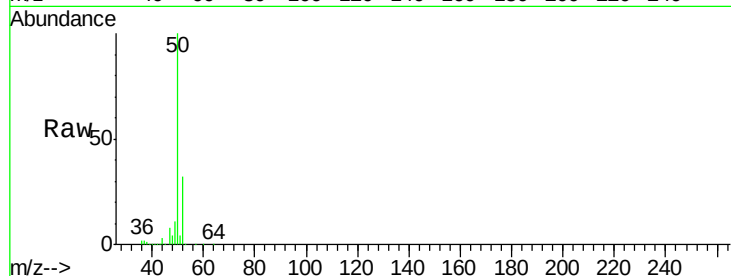
52 32.1 26.4 39.6

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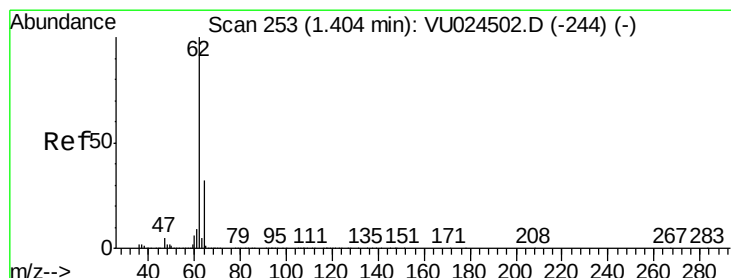
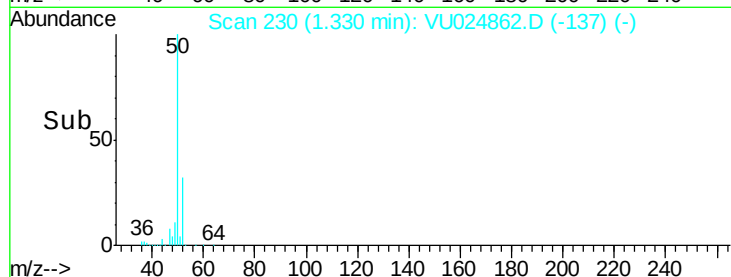
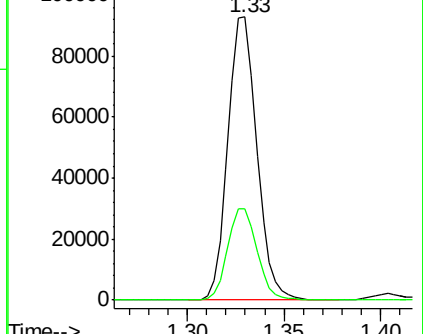
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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 145.53 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024862.D

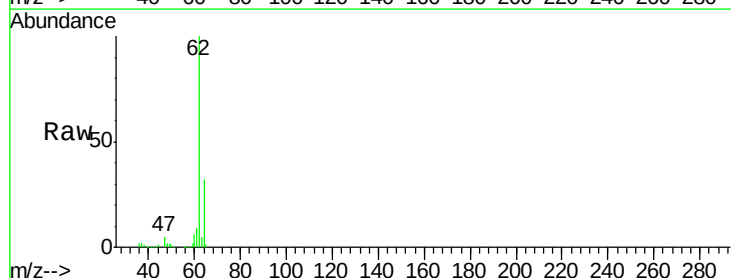
Acq: 23 Jun 2018 03:30

Tgt Ion: 62 Resp: 344580

Ion Ratio Lower Upper

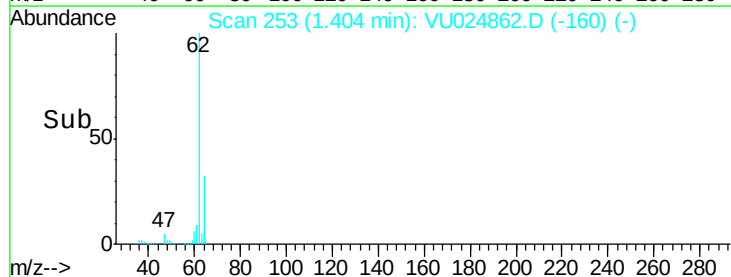
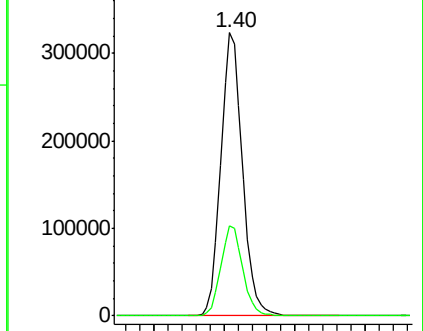
62 100

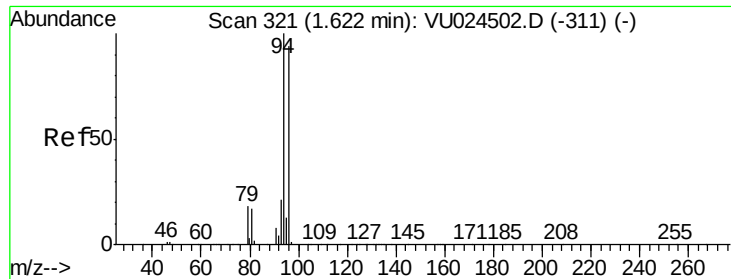
64 31.8 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 43.25 ug/l

RT: 1.63 min Scan# 322

Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Instrument :

MSVOA_U

ClientSampleId :

S32-0627MSD

Tot Ion: 94 Resp: 49504

Ion Ratio Lower Upper

94 100

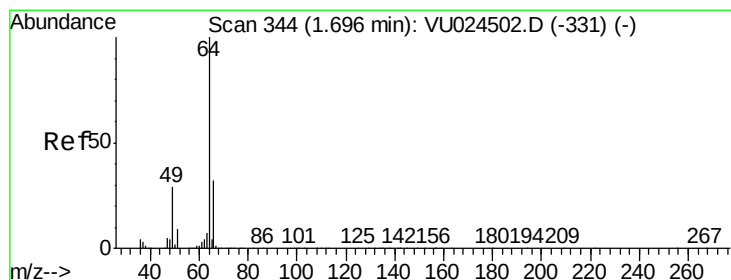
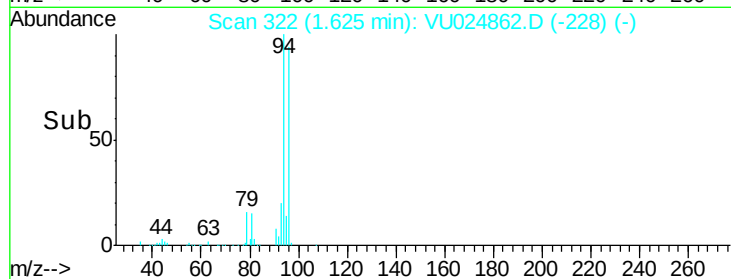
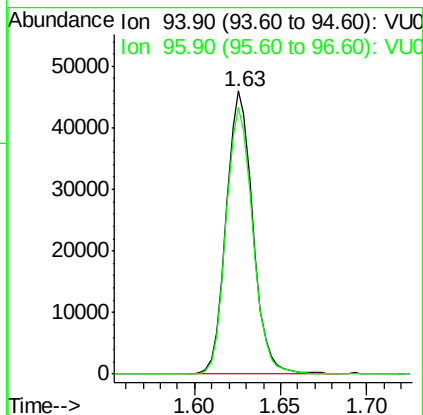
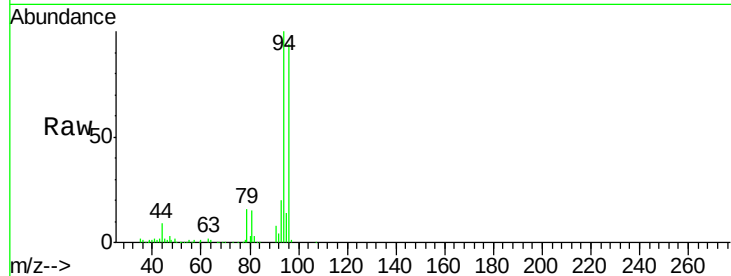
96 94.1 74.5 111.7

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#6

Chloroethane

Concen: 52.73 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024862.D

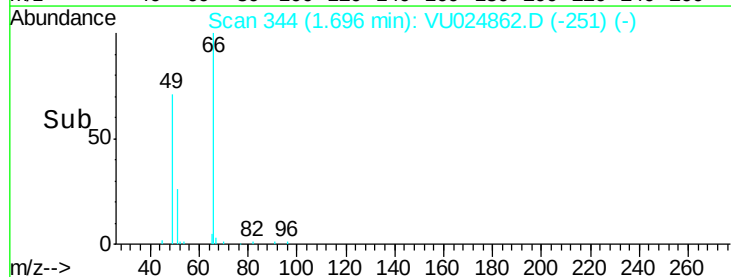
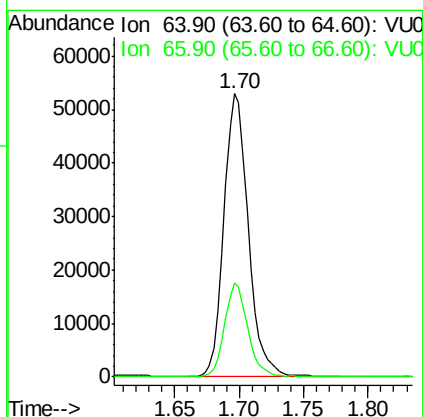
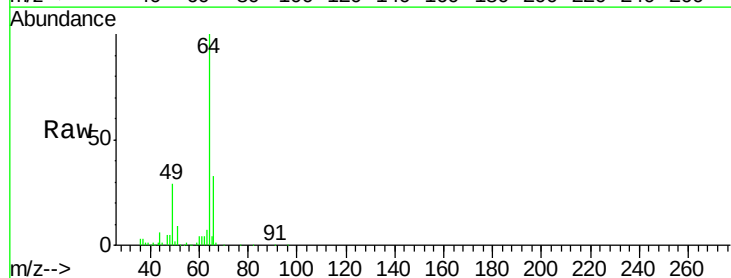
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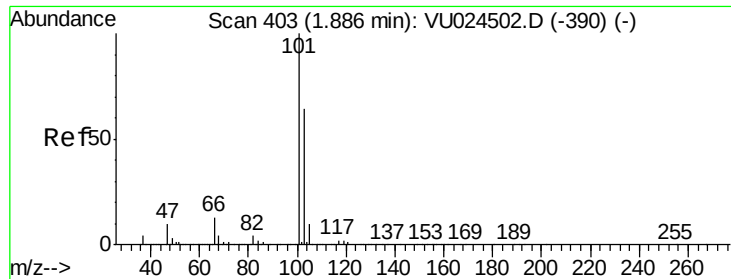
Tgt Ion: 64 Resp: 69697

Ion Ratio Lower Upper

64 100

66 33.1 25.5 38.3





#7

Trichlorofluoromethane

Concen: 48.56 ug/l

RT: 1.89 min Scan# 403

Delta R.T. 0.00 min

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Tot Ion:101 Resp: 175467

Ion Ratio Lower Upper

101 100

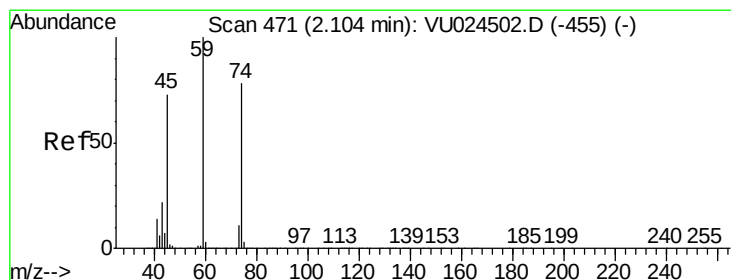
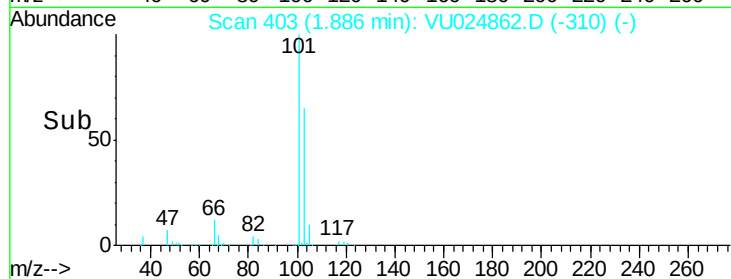
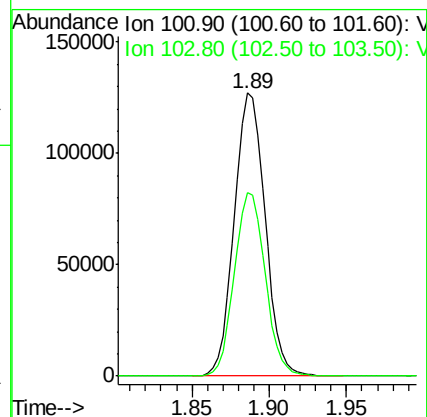
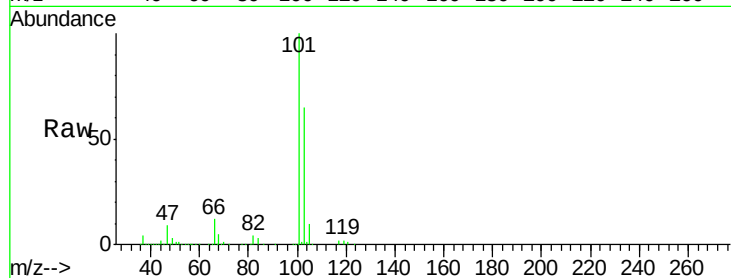
103 64.7 52.3 78.5

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#8

Diethyl Ether

Concen: 52.13 ug/l

RT: 2.10 min Scan# 471

Delta R.T. 0.00 min

Lab File: VU024862.D

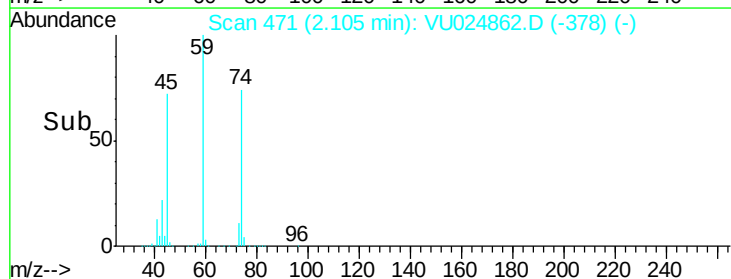
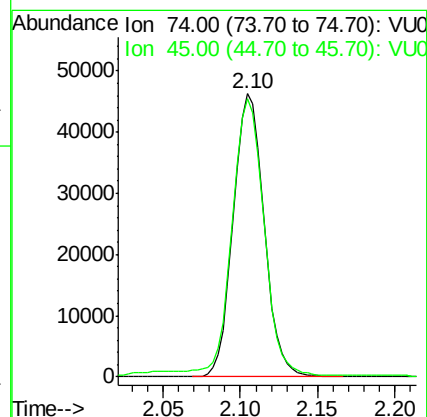
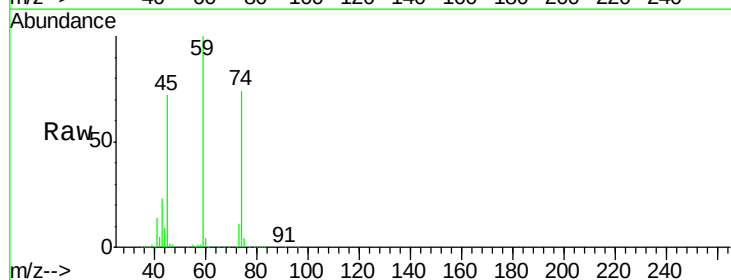
Acq: 23 Jun 2018 03:30

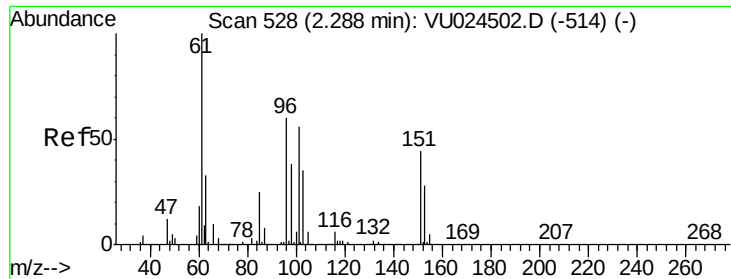
Tgt Ion: 74 Resp: 64008

Ion Ratio Lower Upper

74 100

45 99.6 55.0 165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.24 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

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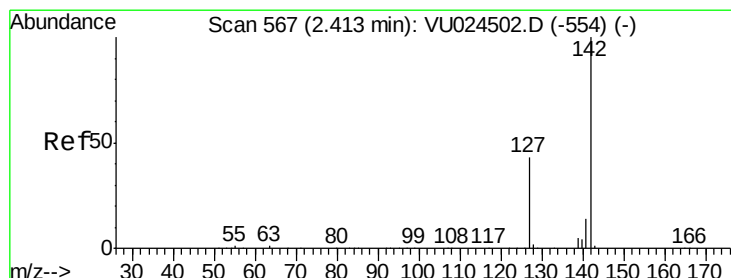
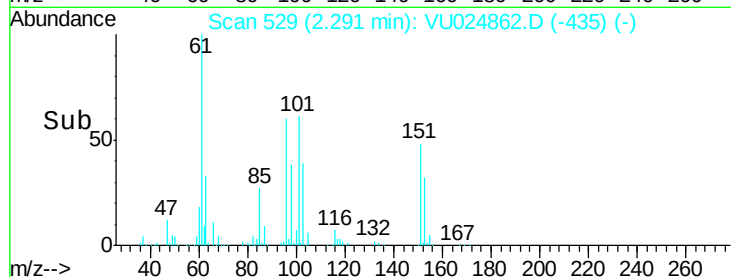
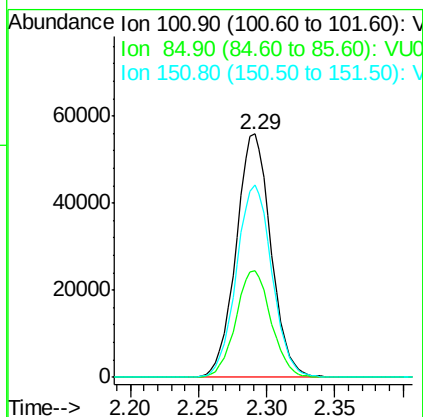
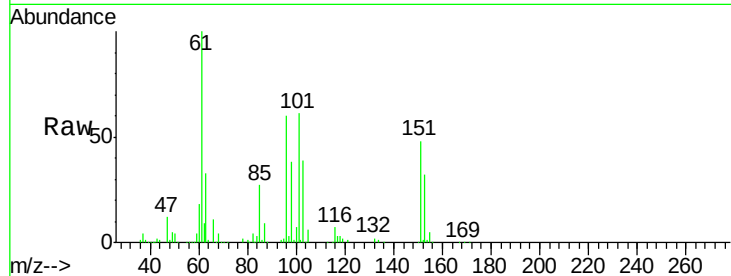
ClientSampleId :

S32-0627MSD

Tot Ion:	101	Resp:	99171
Ion Ratio	Lower	Upper	
101	100		
85	44.3	36.0	54.0
151	80.8	62.3	93.5

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#10

Methyl Iodide

Concen: 51.88 ug/l

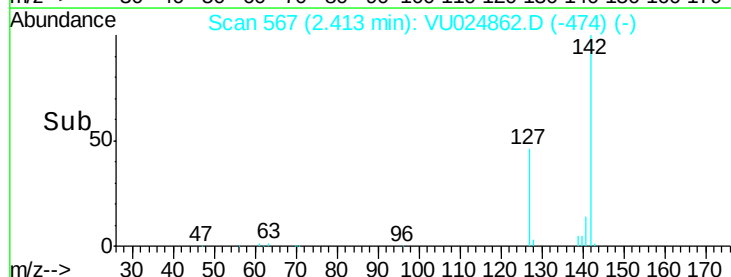
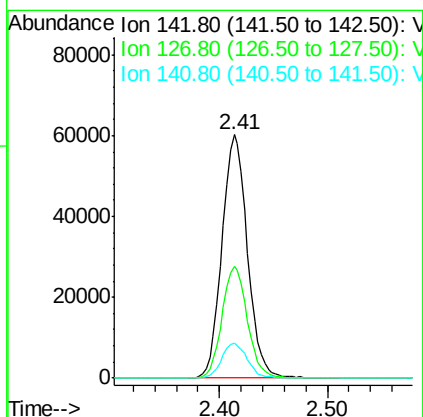
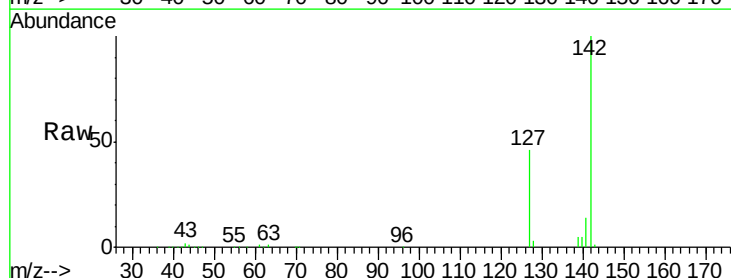
RT: 2.41 min Scan# 567

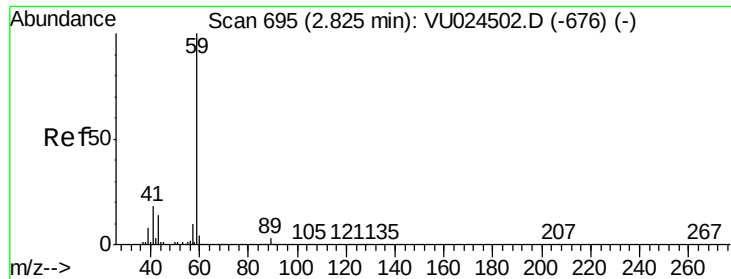
Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Tgt Ion:	142	Resp:	98855
Ion Ratio	Lower	Upper	
142	100		
127	45.6	35.6	53.4
141	14.3	11.7	17.5





#11

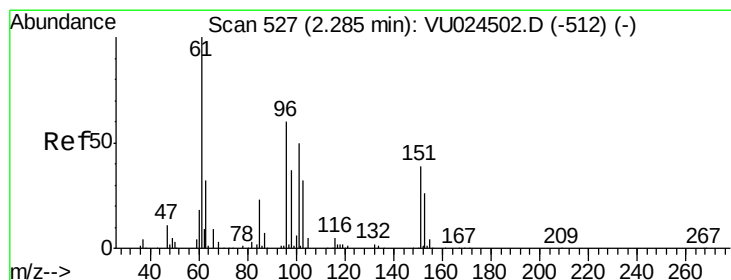
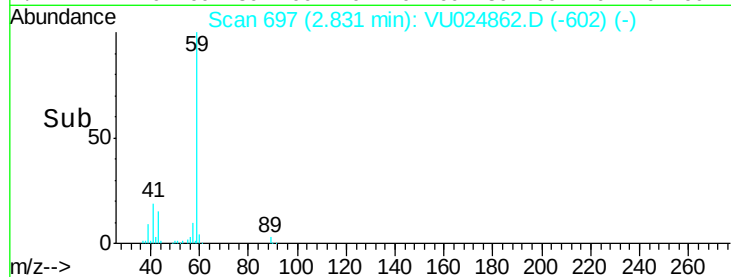
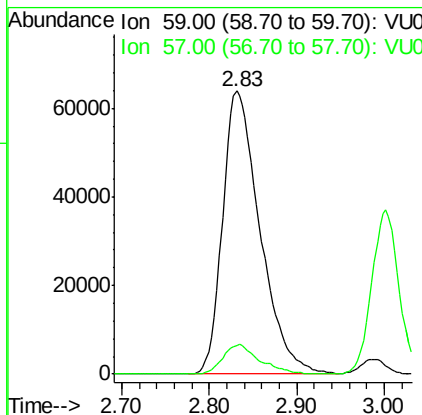
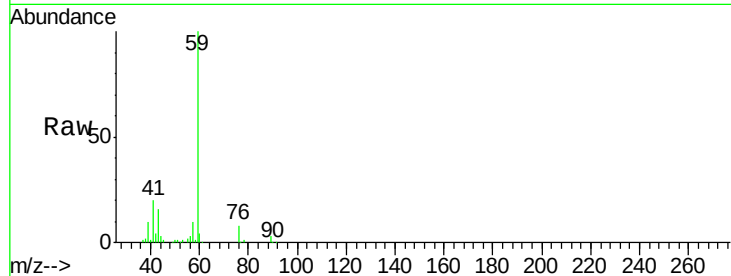
Tert butyl alcohol
 Concen: 265.66 ug/l
 RT: 2.83 min Scan# 697
 Delta R.T. 0.01 min
 Lab File: VU024862.D
 Acq: 23 Jun 2018 03:30

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0627MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.5	12.7

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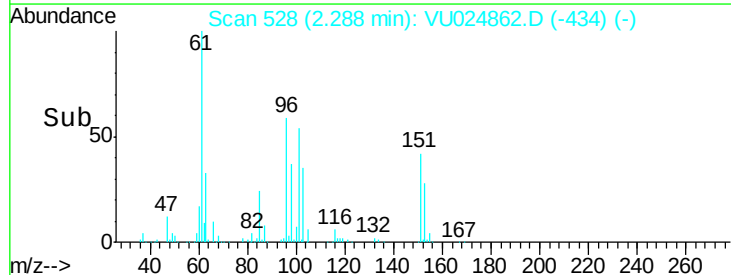
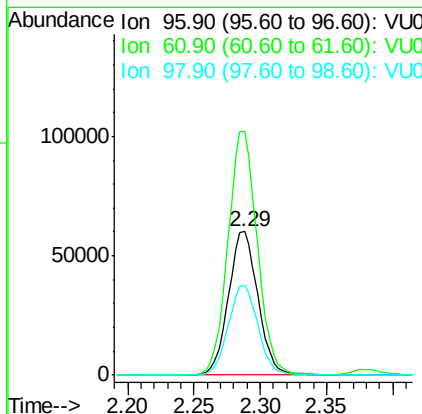
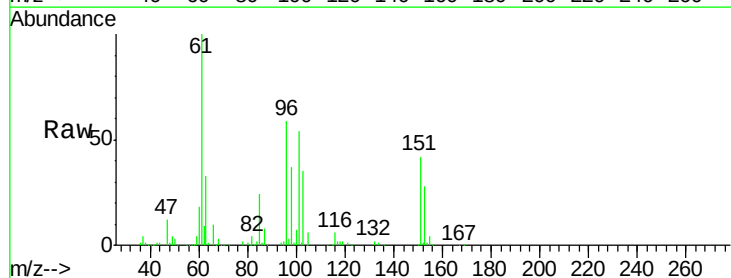
apatel
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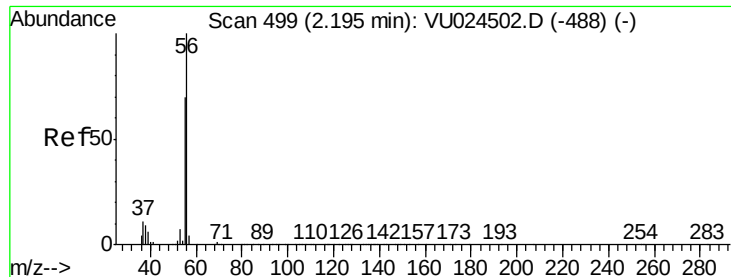


#12

1,1-Dichloroethene
 Concen: 45.49 ug/l
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU024862.D
 Acq: 23 Jun 2018 03:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.9	141.7	212.5
98	62.6	51.6	77.4





#13

Acrolein

Concen: 131.13 ug/l

RT: 2.20 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Instrument :

MSVOA_U

ClientSampleId :

S32-0627MSD

Tot Ion: 56 Resp: 49087

Ion Ratio Lower Upper

56 100

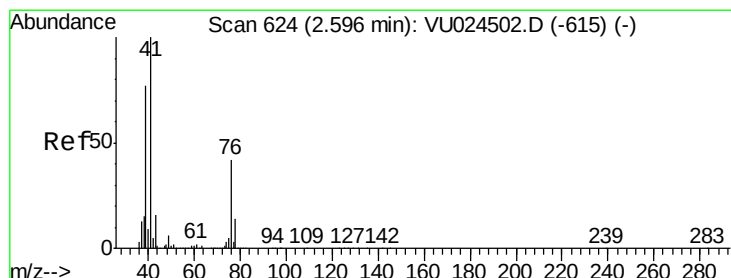
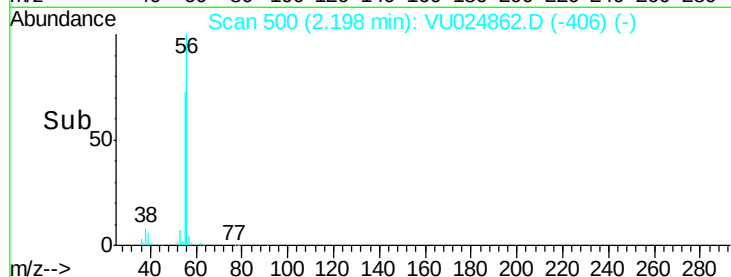
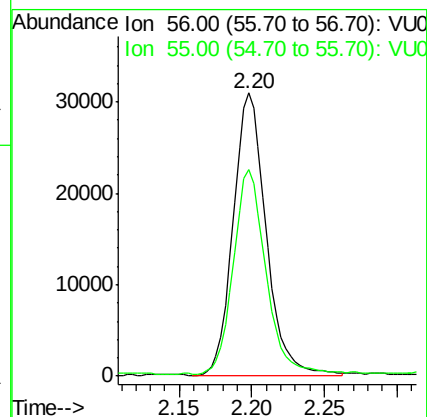
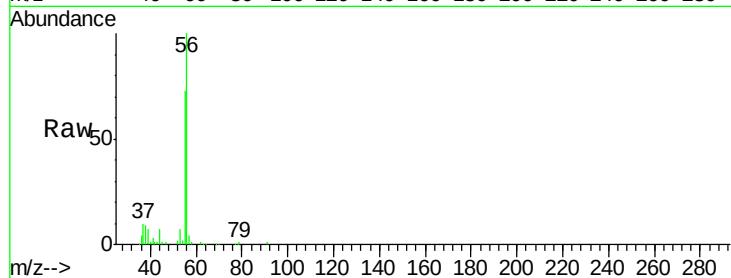
55 70.8 58.4 87.6

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#14

Allyl chloride

Concen: 45.83 ug/l

RT: 2.60 min Scan# 624

Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

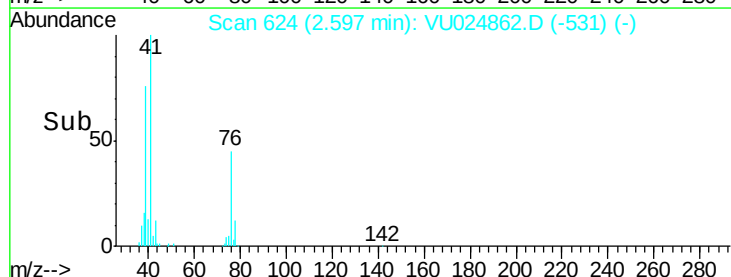
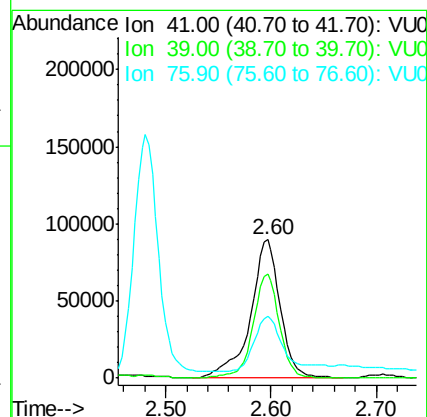
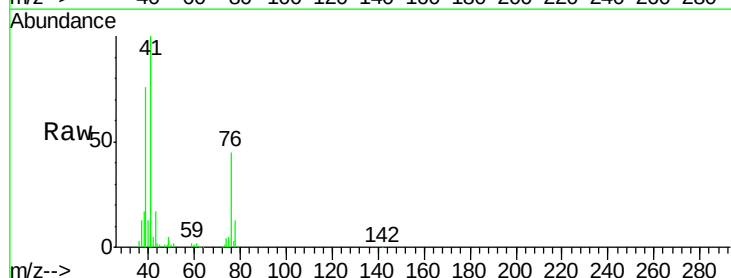
Tgt Ion: 41 Resp: 173970

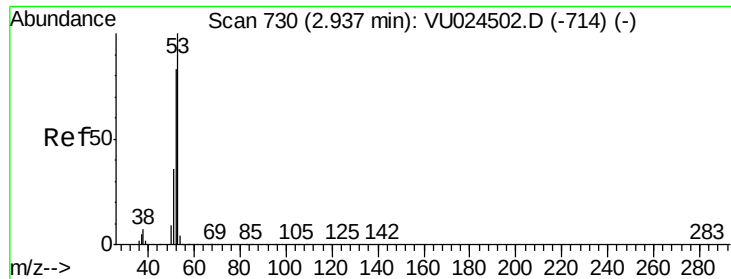
Ion Ratio Lower Upper

41 100

39 67.0 61.6 92.4

76 36.8 29.7 44.5





#15

Acrylonitrile

Concen: 244.11 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Instrument :

MSVOA_U

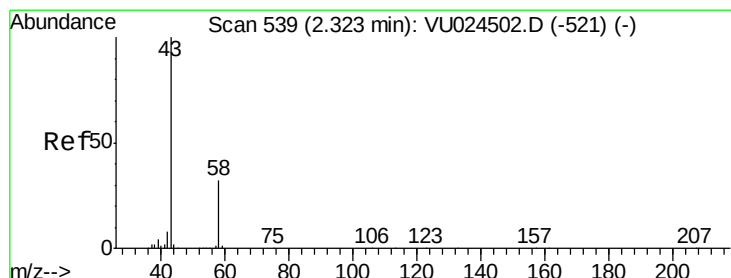
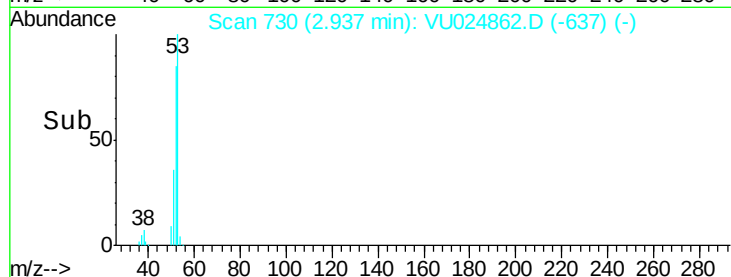
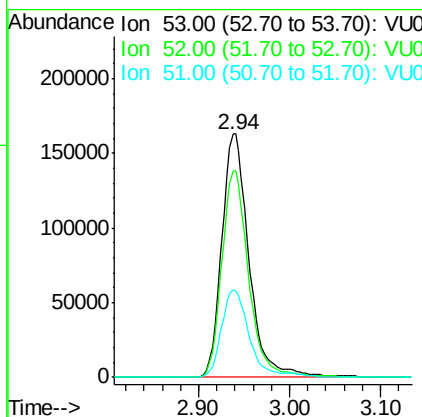
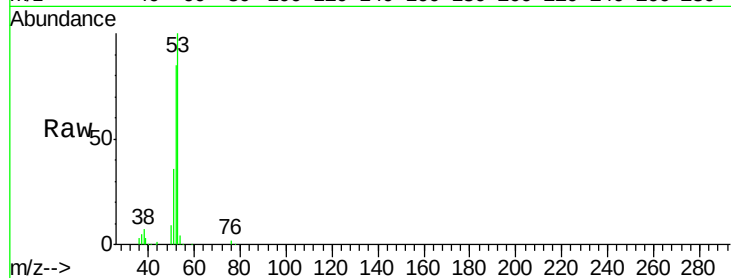
ClientSampleId :

S32-0627MSD

Tot Ion:	53	Resp:	338570
Ion	Ratio	Lower	Upper
53	100		
52	83.2	67.1	100.7
51	37.0	28.4	42.6

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#16

Acetone

Concen: 212.97 ug/l

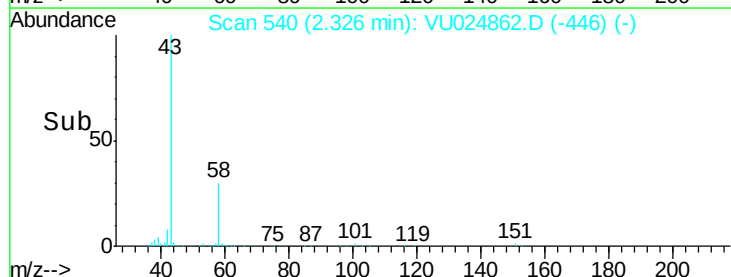
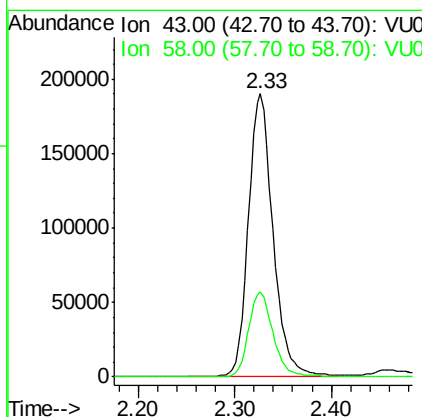
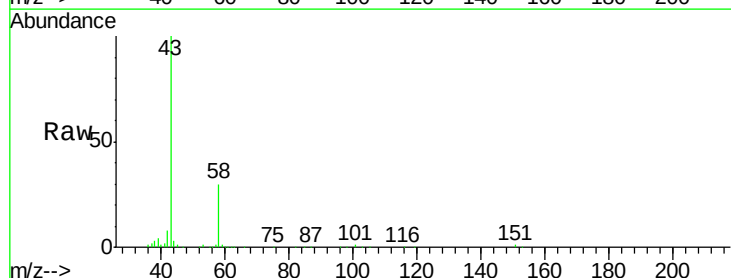
RT: 2.33 min Scan# 540

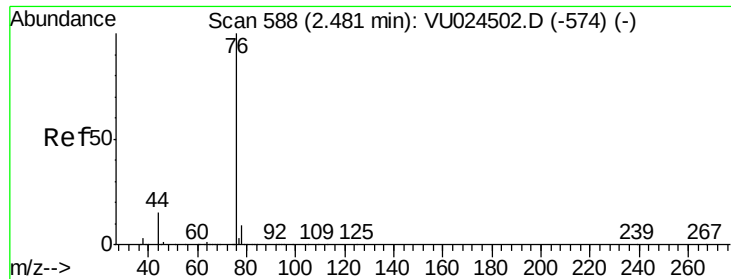
Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Tgt Ion:	43	Resp:	335405
Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.4	36.6





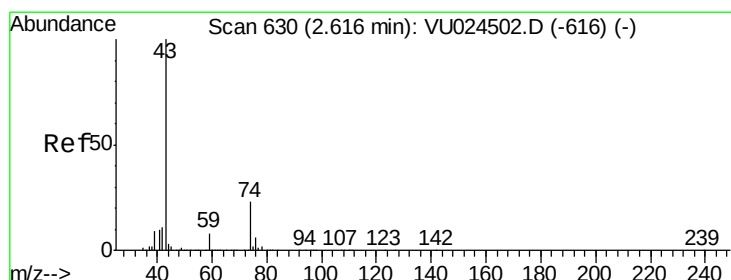
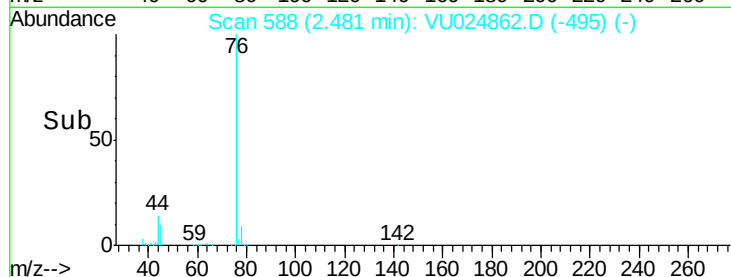
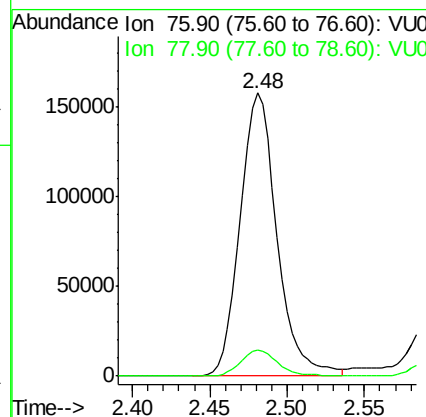
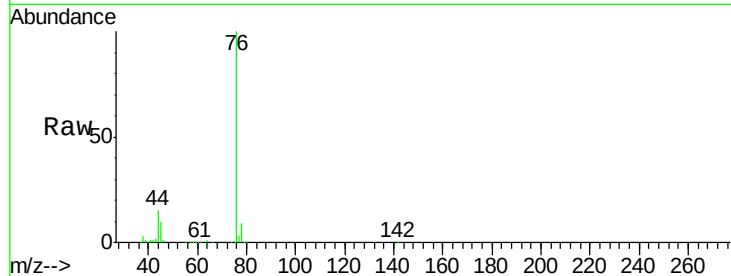
#17
Carbon Disulfide
Concen: 40.03 ug/l
RT: 2.48 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU024862.D
Acq: 23 Jun 2018 03:30

Instrument :
MSVOA_U
ClientSampleId :
S32-0627MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

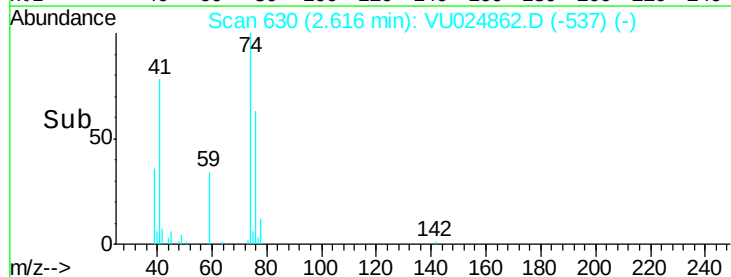
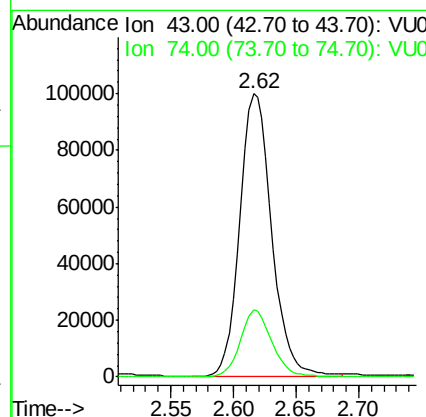
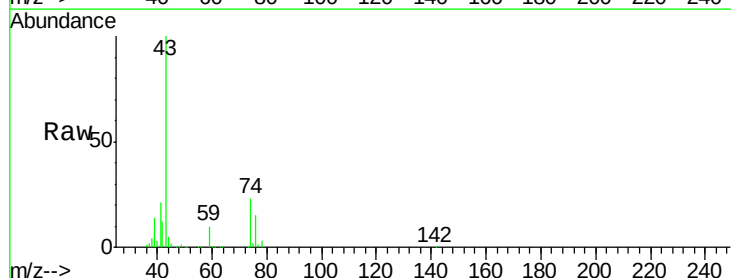
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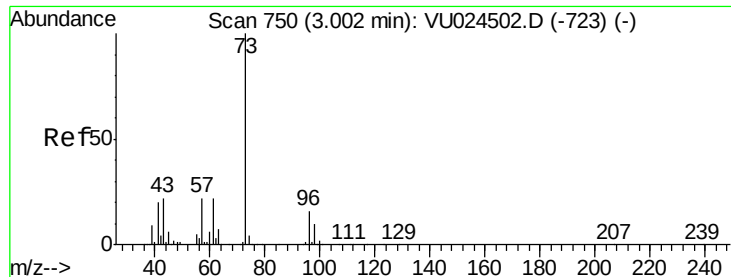
apatel
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#18
Methyl Acetate
Concen: 52.34 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU024862.D
Acq: 23 Jun 2018 03:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	18.0	27.0





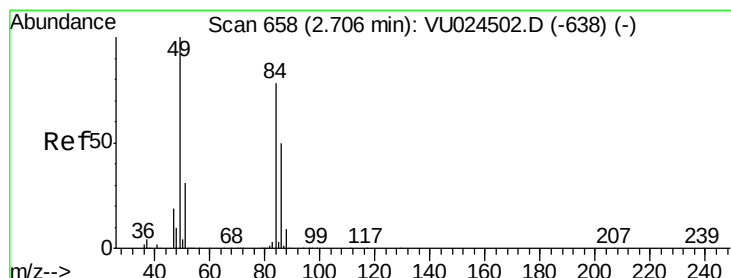
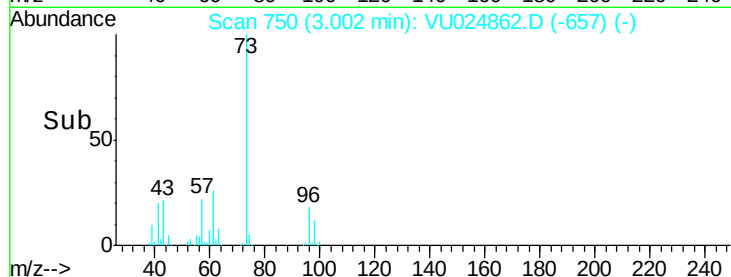
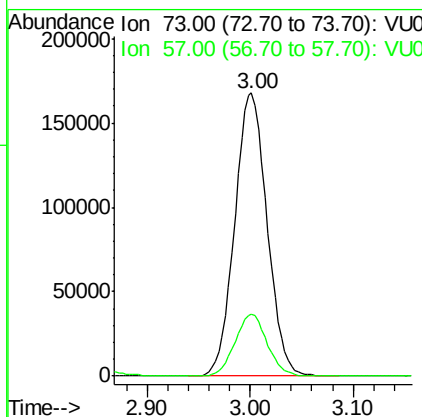
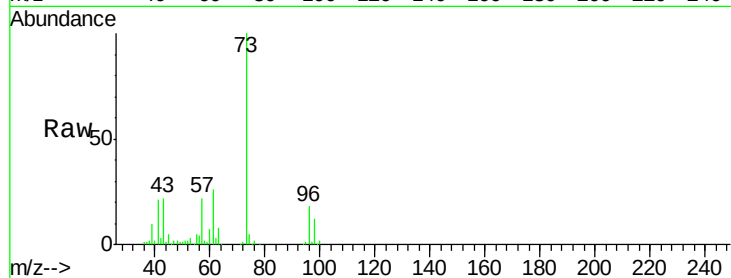
#19
Methvl tert-butvl Ether
Concen: 47.75 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU024862.D
Acq: 23 Jun 2018 03:30

Instrument :
MSVOA_U
ClientSampleId :
S32-0627MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.8	28.2

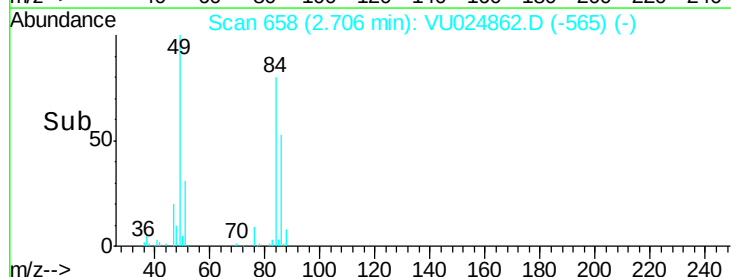
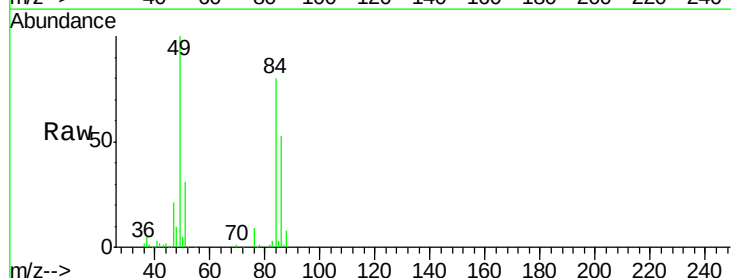
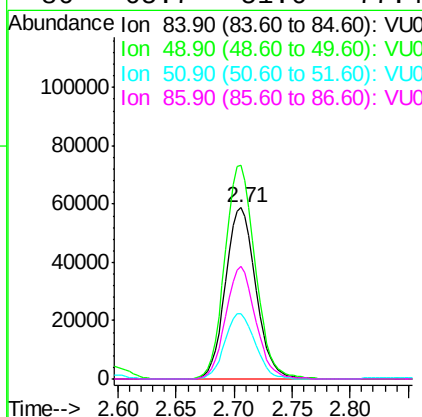
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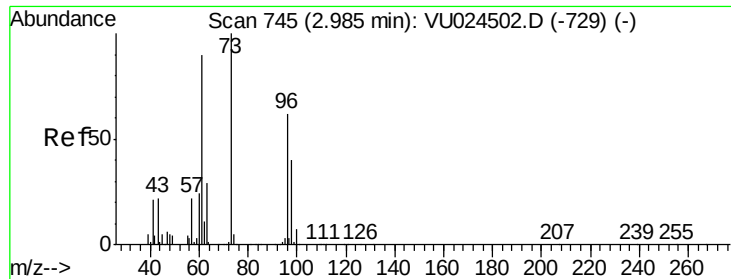
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#20
Methylene Chloride
Concen: 43.02 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU024862.D
Acq: 23 Jun 2018 03:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.9	103.8	155.8
51	38.1	32.0	48.0
86	65.7	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 52.64 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Instrument :

MSVOA_U

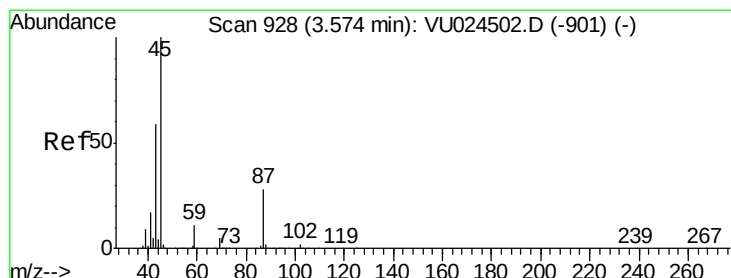
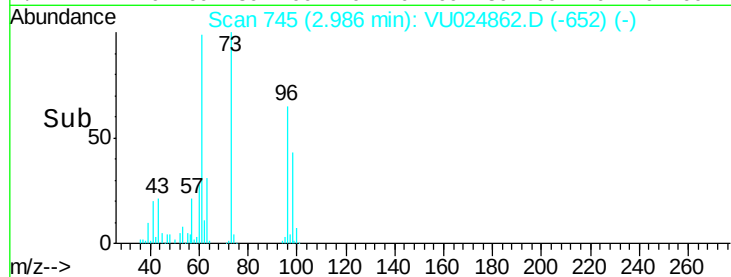
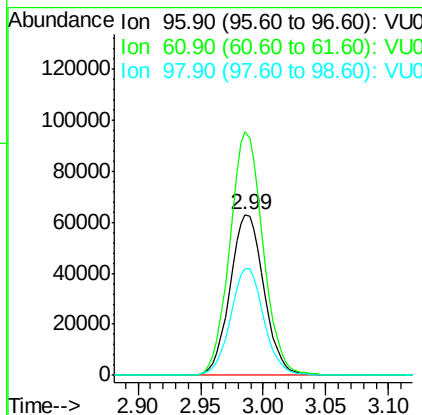
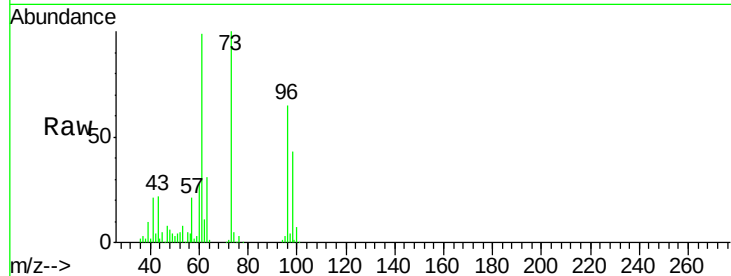
ClientSampleId :

S32-0627MSD

Tot Ion:	96	Resp:	118531
Ion	Ratio	Lower	Upper
96	100		
61	151.3	119.4	179.0
98	66.3	51.1	76.7

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#22

Diisopropyl ether

Concen: 46.80 ug/l

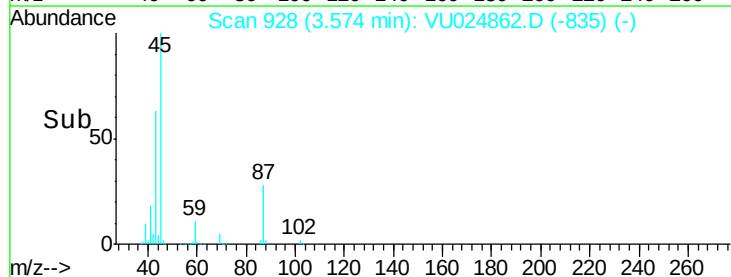
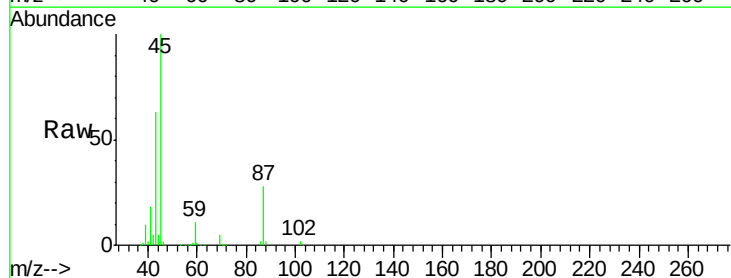
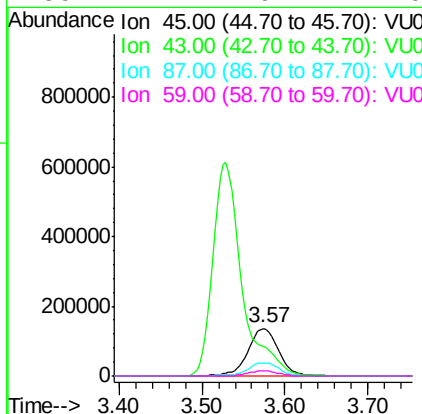
RT: 3.57 min Scan# 928

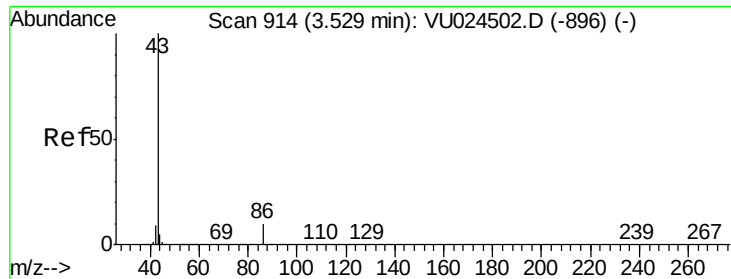
Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Tgt Ion:	45	Resp:	352141
Ion	Ratio	Lower	Upper
45	100		
43	62.1	45.8	68.6
87	28.2	20.6	31.0
59	11.1	9.4	14.0





#23

Vinyl Acetate

Concen: 221.89 ug/l

RT: 3.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Instrument :

MSVOA_U

ClientSampleId :

S32-0627MSD

Tot Ion: 43 Resp: 1495674

Ion Ratio Lower Upper

43 100

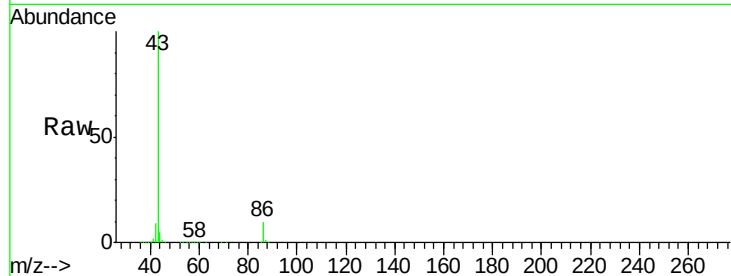
86 10.0 7.8 11.8

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

3.53

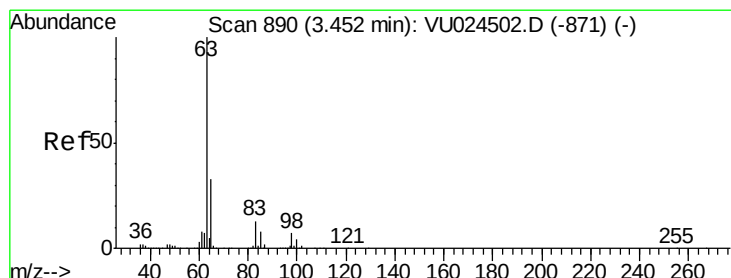
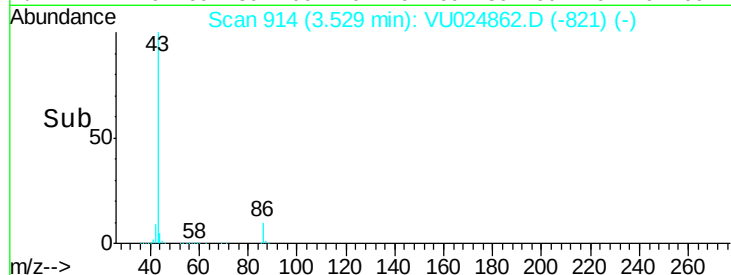
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 46.65 ug/l

RT: 3.45 min Scan# 890

Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

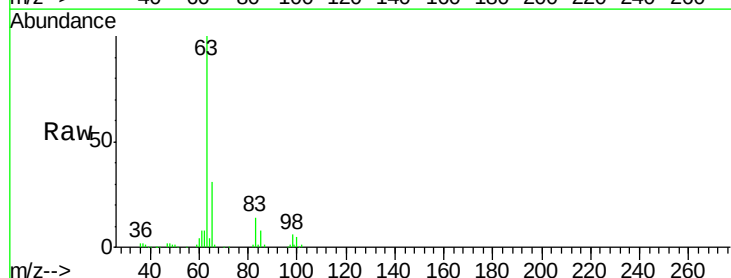
Tgt Ion: 63 Resp: 201945

Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.4

100 4.6 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

Ion 99.90 (99.60 to 100.60): VU0

120000

100000

80000

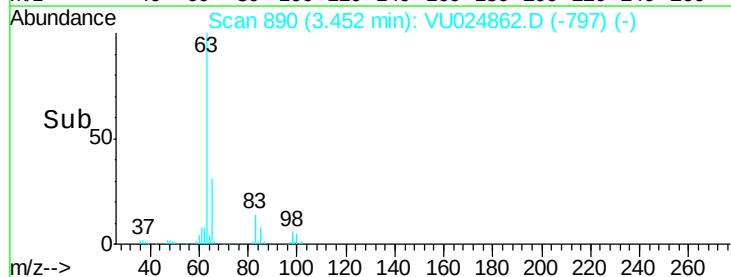
60000

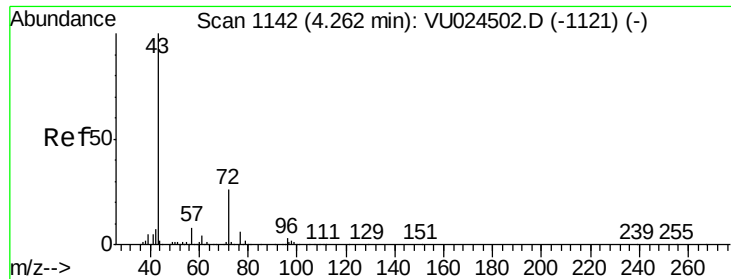
40000

20000

0

Time-->





#25

2-Butanone

Concen: 244.31 ug/l

RT: 4.27 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Instrument :

MSVOA_U

ClientSampleId :

S32-0627MSD

Tot Ion: 43 Resp: 516826

Ion Ratio Lower Upper

43 100

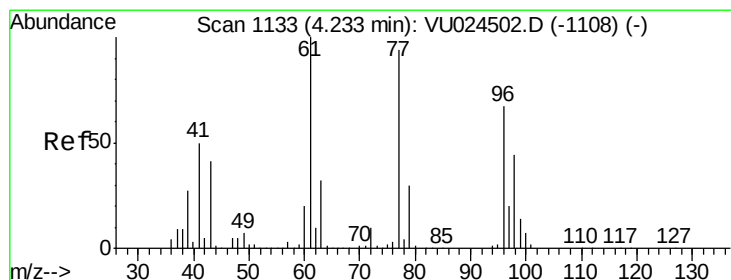
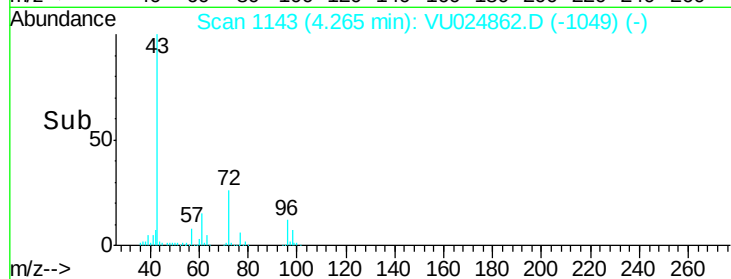
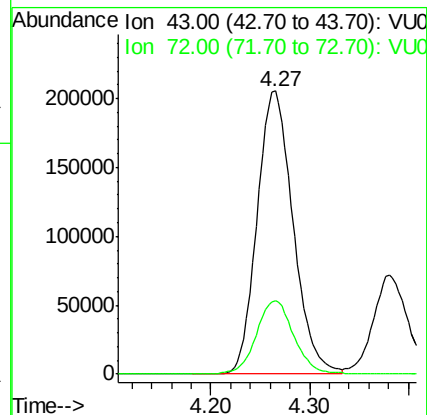
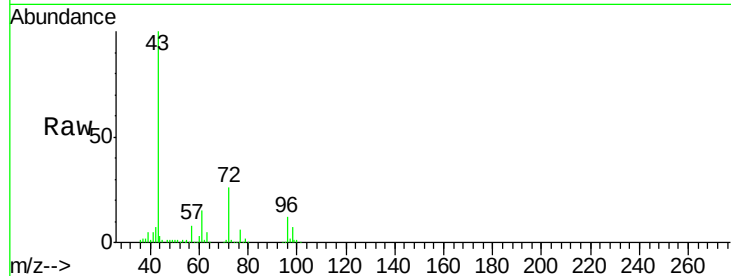
72 25.8 19.6 29.4

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#26

2,2-Dichloropropane

Concen: 38.11 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU024862.D

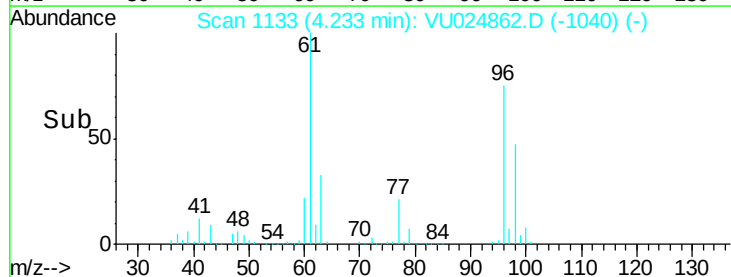
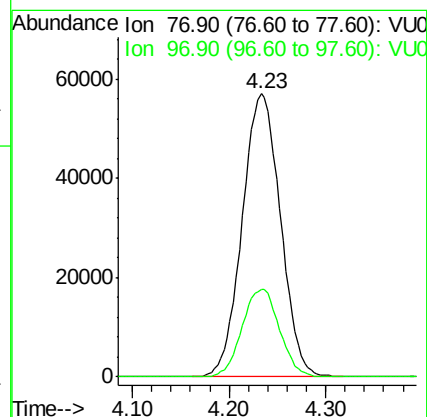
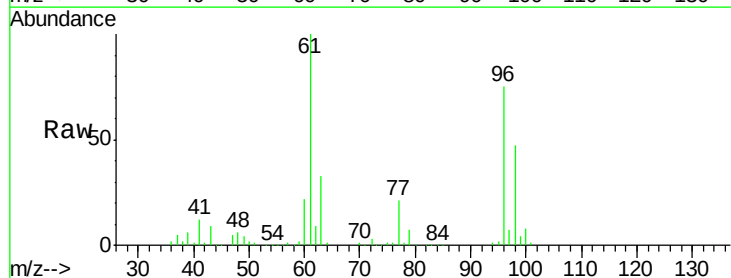
Acq: 23 Jun 2018 03:30

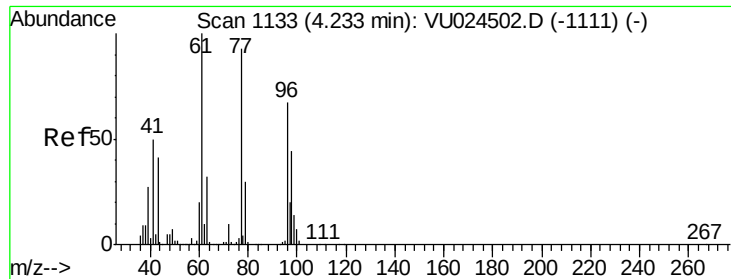
Tgt Ion: 77 Resp: 156661

Ion Ratio Lower Upper

77 100

97 30.3 11.3 33.8





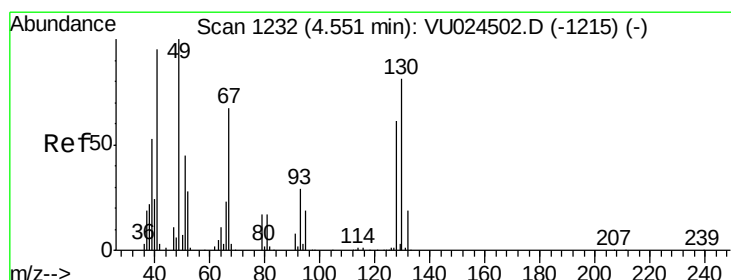
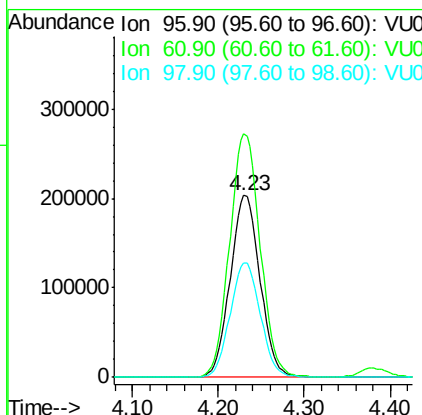
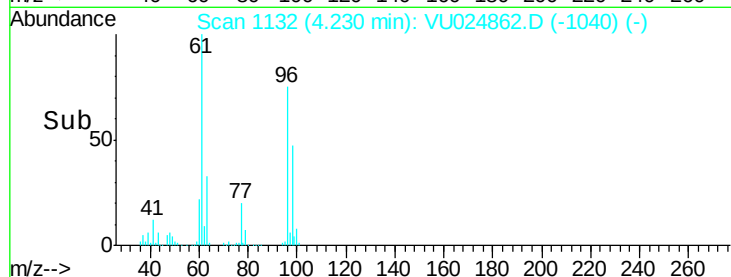
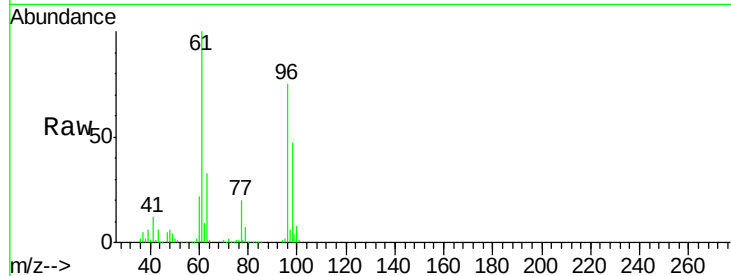
#27
 cis-1,2-Dichloroethene
 Concen: 189.41 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU024862.D
 Acq: 23 Jun 2018 03:30

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0627MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	137.0	0.0	306.6	
98	63.9	0.0	128.8	

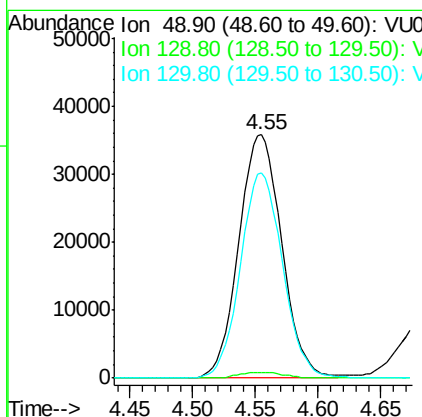
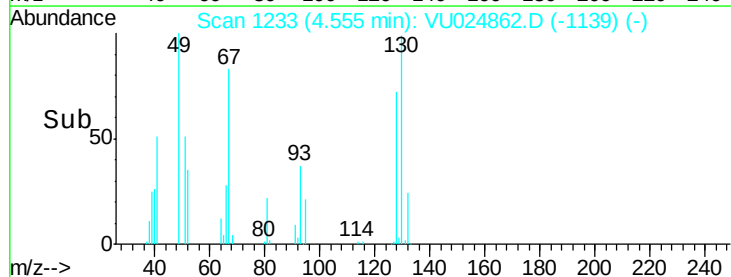
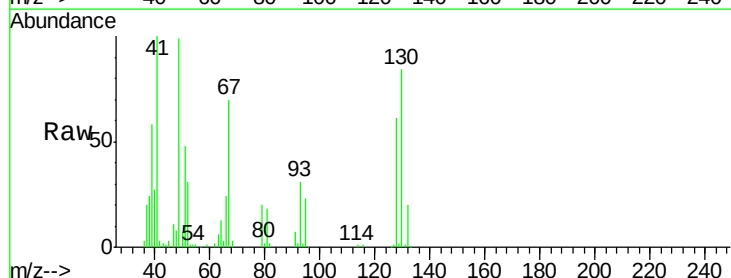
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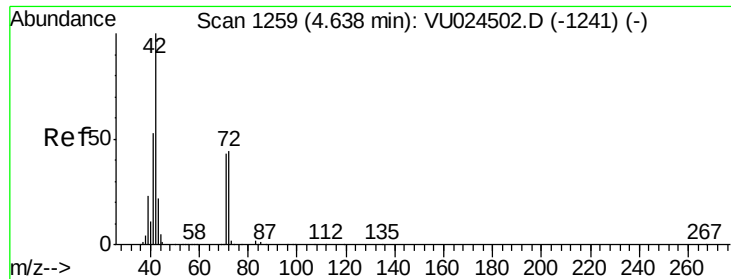
apatel
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#28
 Bromochloromethane
 Concen: 44.70 ug/l
 RT: 4.55 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU024862.D
 Acq: 23 Jun 2018 03:30

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.5	0.0	3.8	
130	83.0	57.8	86.6	





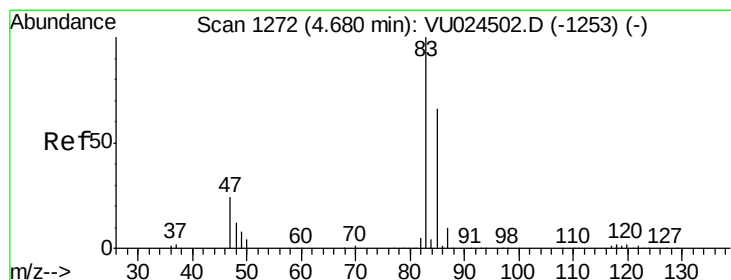
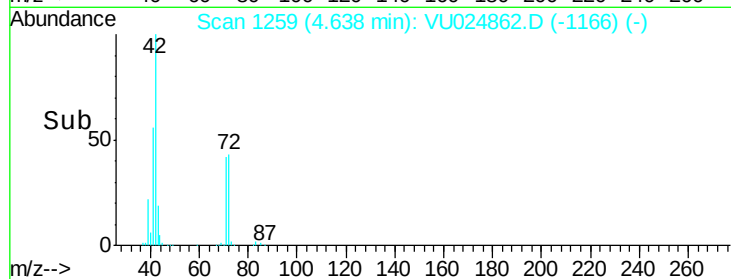
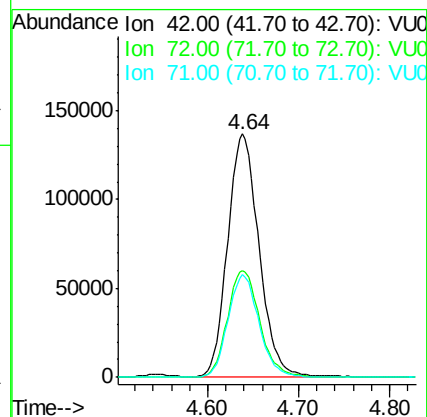
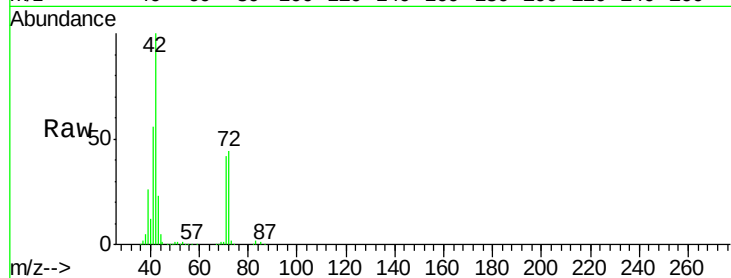
#29
Tetrahydrofuran
Concen: 248.40 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VU024862.D
Acq: 23 Jun 2018 03:30

Instrument :
MSVOA_U
ClientSampleId :
S32-0627MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	34.5	51.7
71	42.1	32.2	48.4

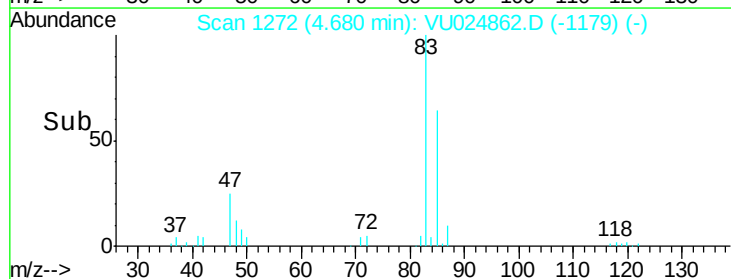
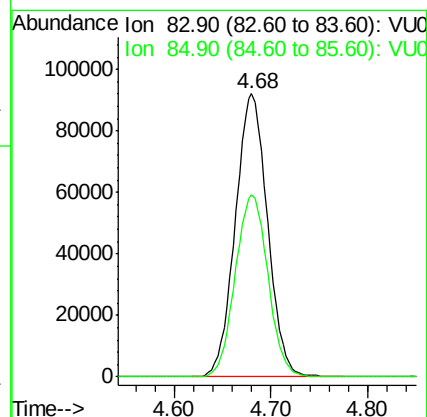
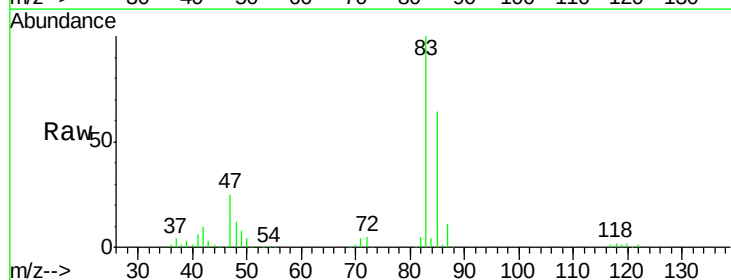
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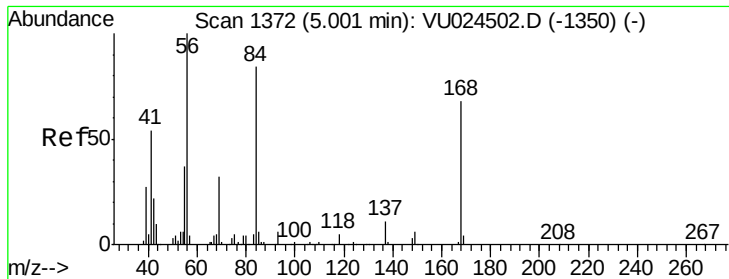
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#30
Chloroform
Concen: 48.64 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU024862.D
Acq: 23 Jun 2018 03:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.4	78.6





#31

Cyclohexane

Concen: 47.06 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Instrument :

MSVOA_U

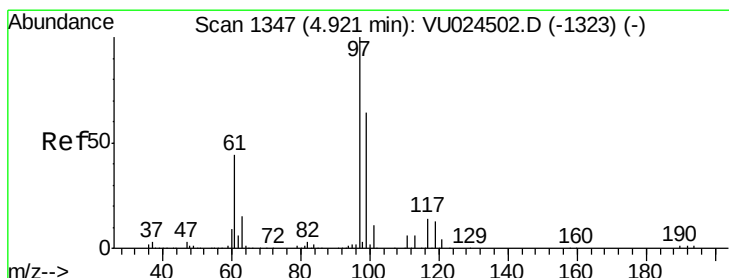
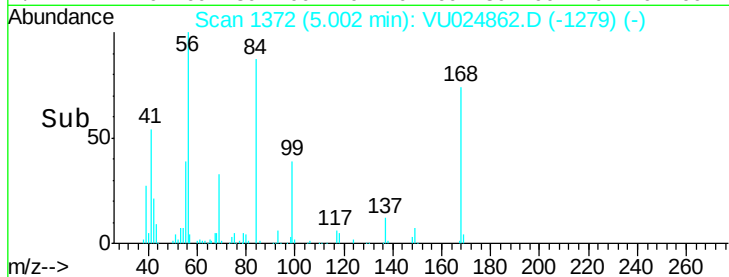
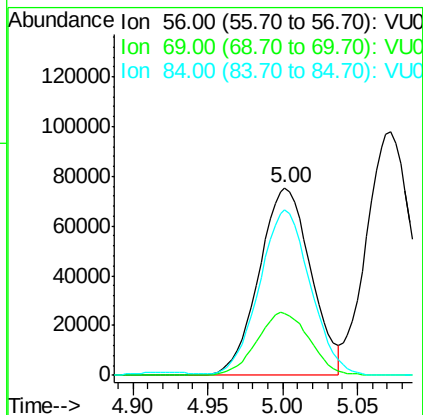
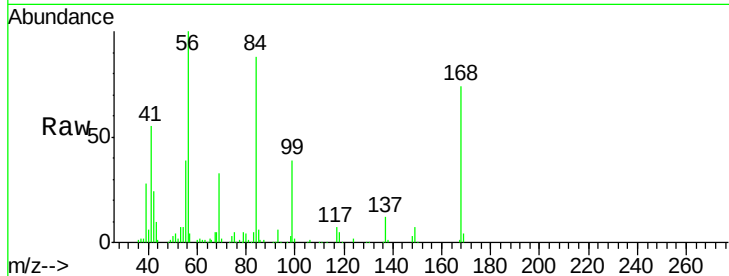
ClientSampleId :

S32-0627MSD

Tot Ion:	56	Resp:	181358
Ion Ratio	Lower	Upper	
56	100		
69	33.3	24.8	37.2
84	87.4	65.2	97.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 47.49 ug/l

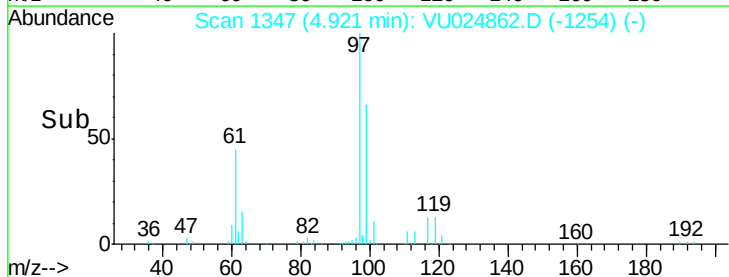
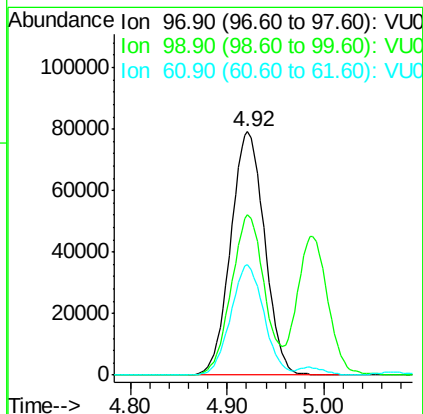
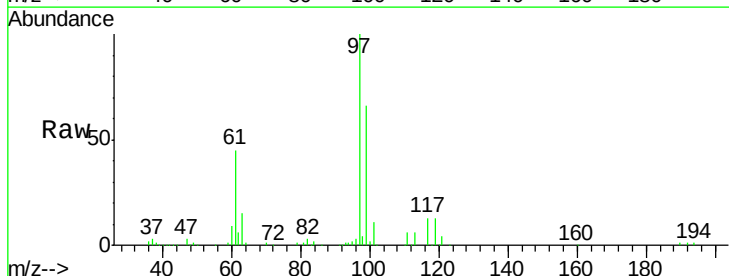
RT: 4.92 min Scan# 1347

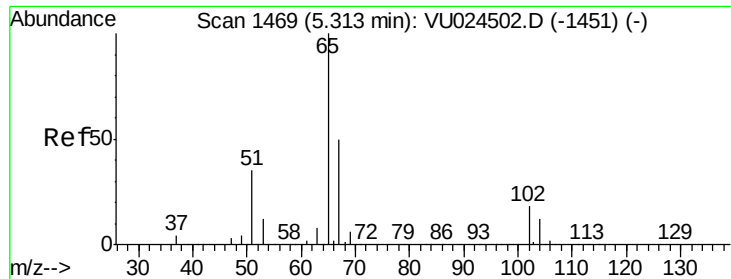
Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Tgt Ion:	97	Resp:	192425
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.0	76.6
61	44.6	39.4	59.0





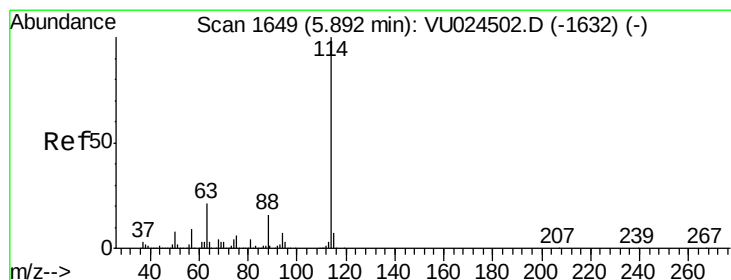
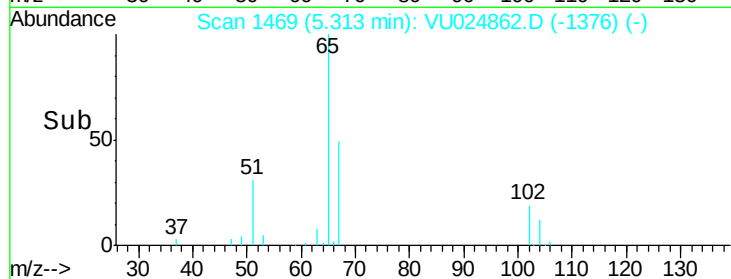
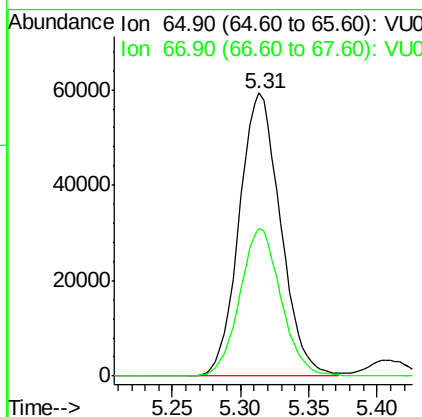
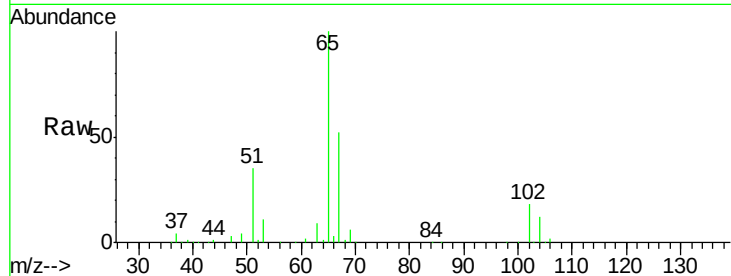
#33
 1,2-Dichloroethane-d4
 Concen: 42.58 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024862.D
 Acq: 23 Jun 2018 03:30

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0627MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	107.0

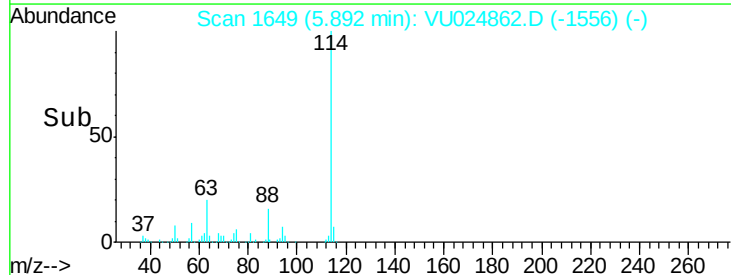
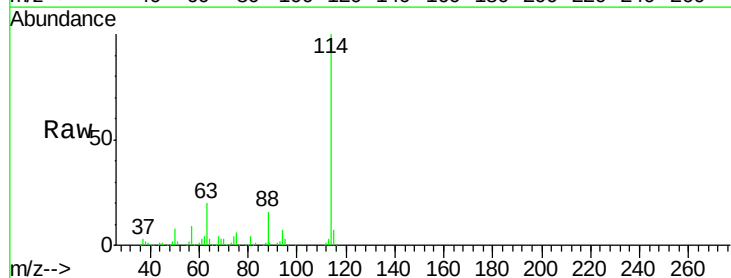
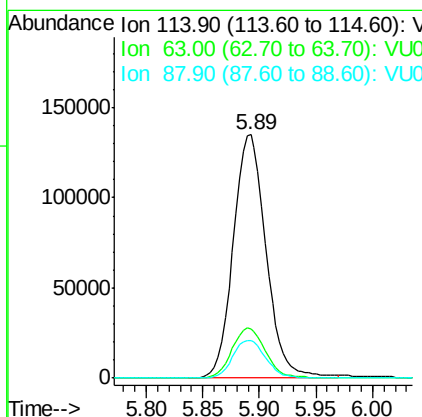
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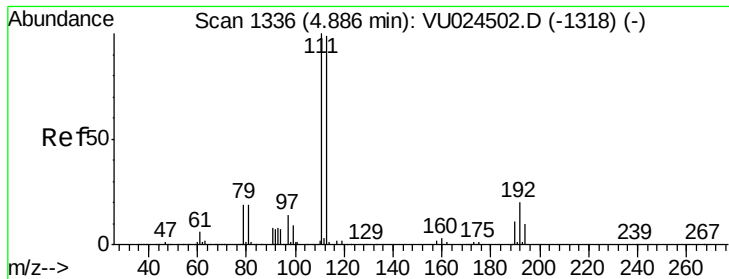
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU024862.D
 Acq: 23 Jun 2018 03:30

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	45.4
88	15.6	0.0	31.0





#35

Dibromofluoromethane

Concen: 44.51 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Instrument :

MSVOA_U

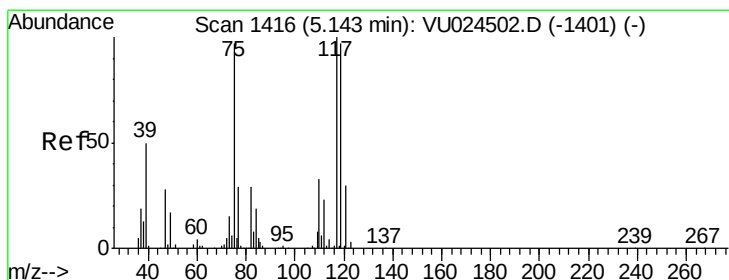
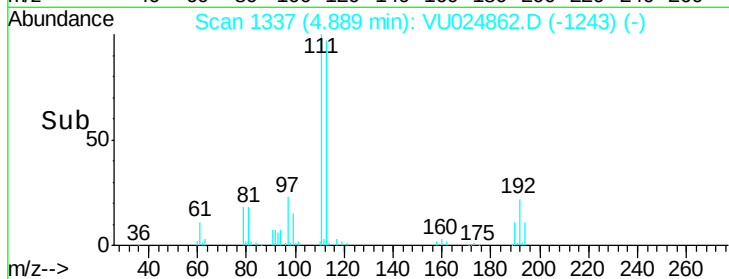
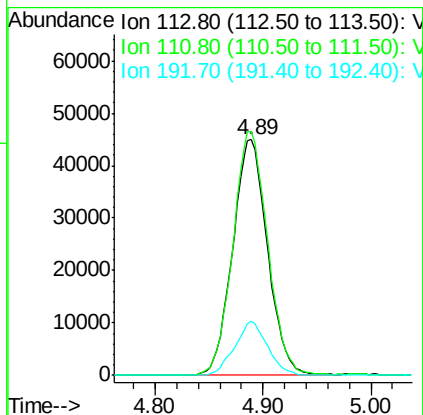
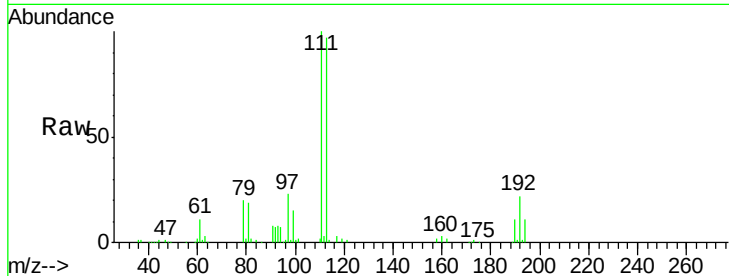
ClientSampleId :

S32-0627MSD

Tot Ion:	113	Resp:	101094
Ion Ratio	Lower	Upper	
113	100		
111	103.2	82.2	123.4
192	21.6	16.2	24.4

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#36

1,1-Dichloropropene

Concen: 46.44 ug/l

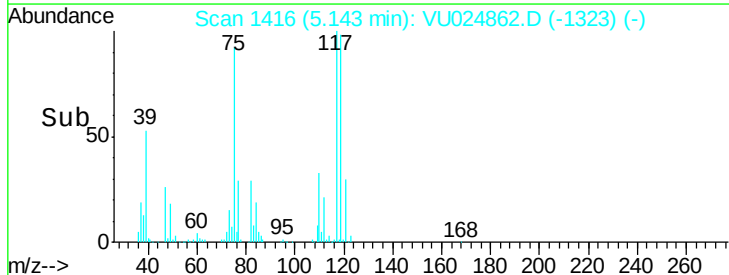
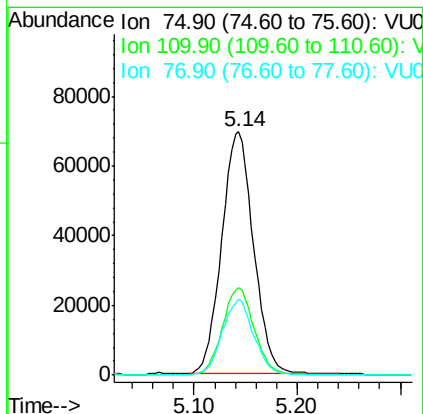
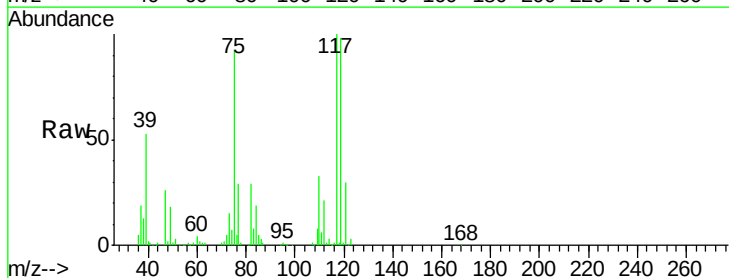
RT: 5.14 min Scan# 1416

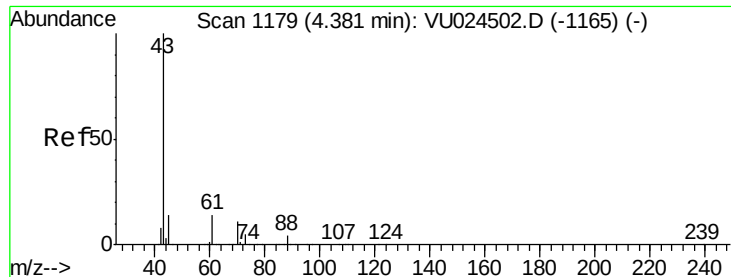
Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Tgt Ion:	75	Resp:	149357
Ion Ratio	Lower	Upper	
75	100		
110	36.2	17.0	50.9
77	30.5	24.2	36.4





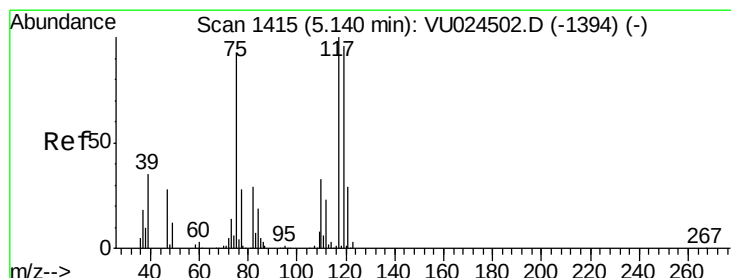
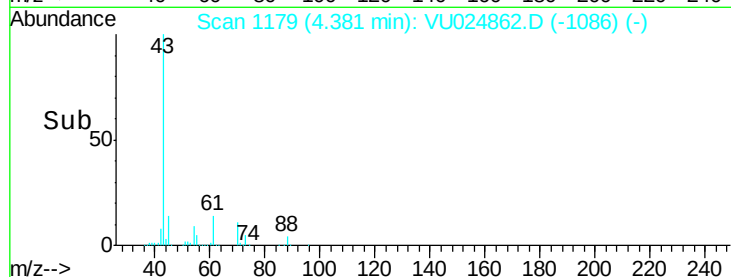
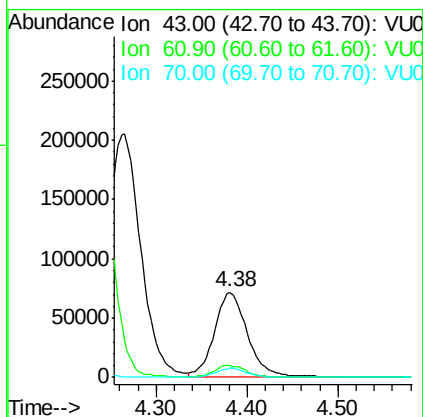
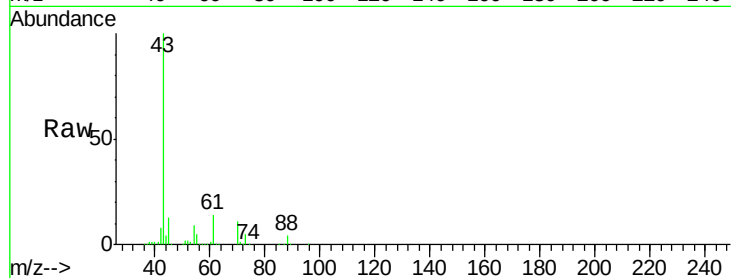
#37
Ethyl Acetate
Concen: 50.96 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU024862.D
Acq: 23 Jun 2018 03:30

Instrument :
MSVOA_U
ClientSampleId :
S32-0627MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.5	15.7
70	10.2	7.4	11.2

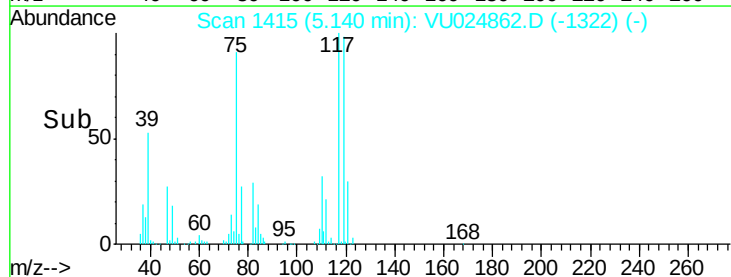
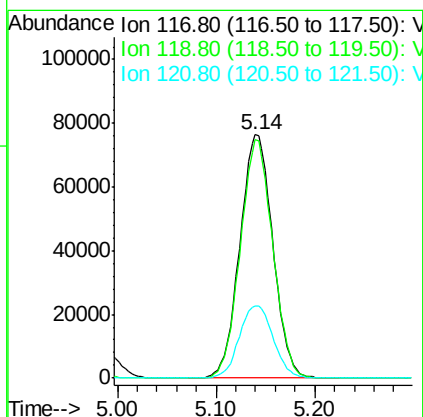
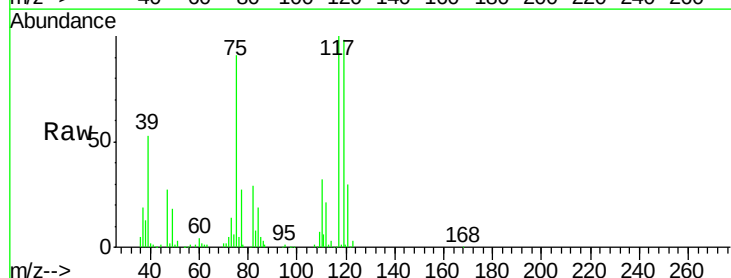
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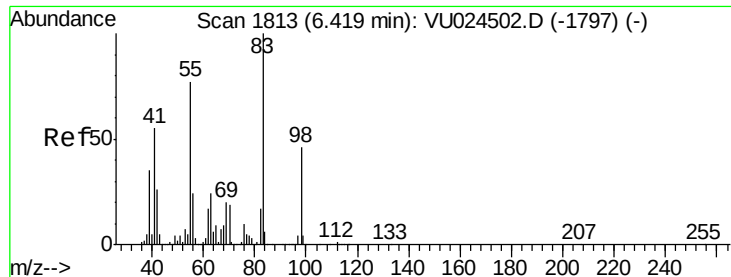
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#38
Carbon Tetrachloride
Concen: 49.83 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024862.D
Acq: 23 Jun 2018 03:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.1	114.1
121	29.7	23.7	35.5





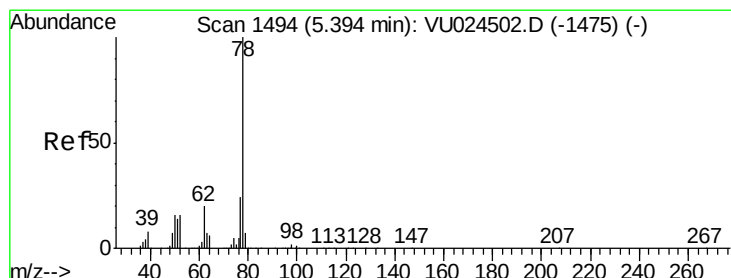
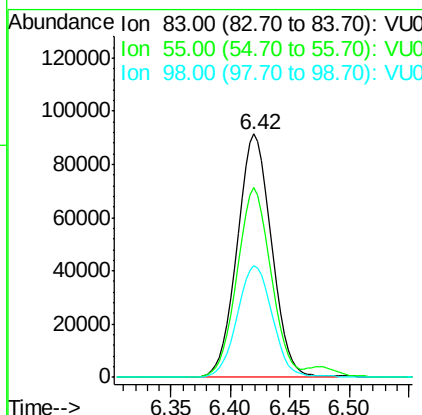
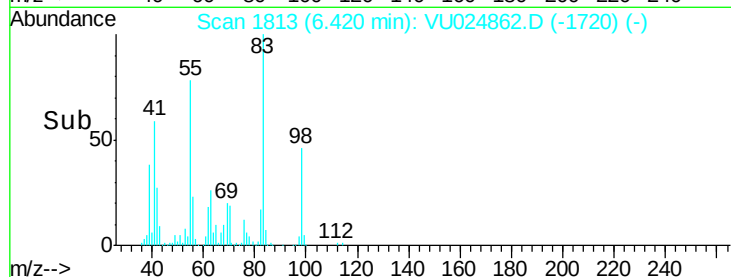
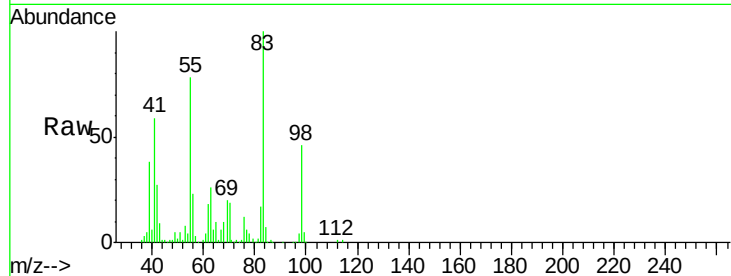
#39
Methylvlcyclohexane
Concen: 45.70 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024862.D
Acq: 23 Jun 2018 03:30

Instrument :
MSVOA_U
ClientSampleId :
S32-0627MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.8	65.8	98.6
98	45.7	36.7	55.1

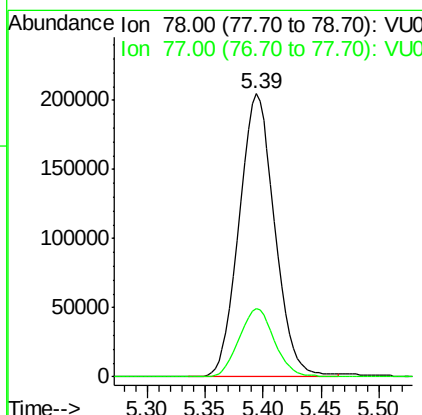
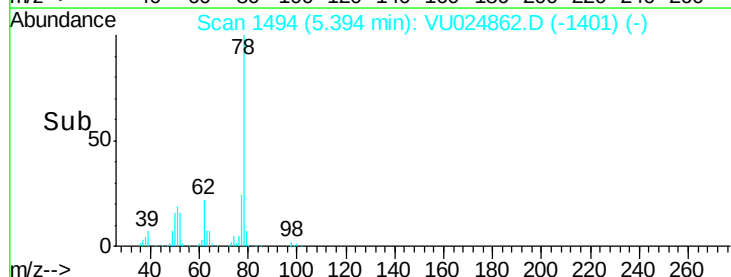
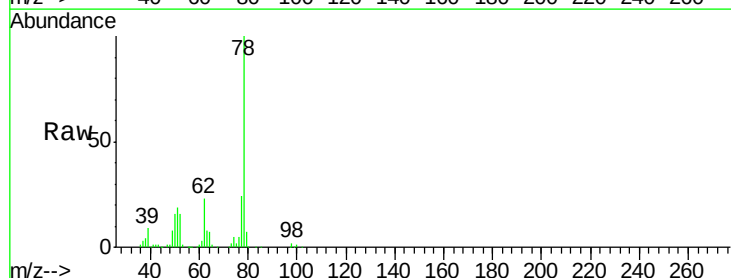
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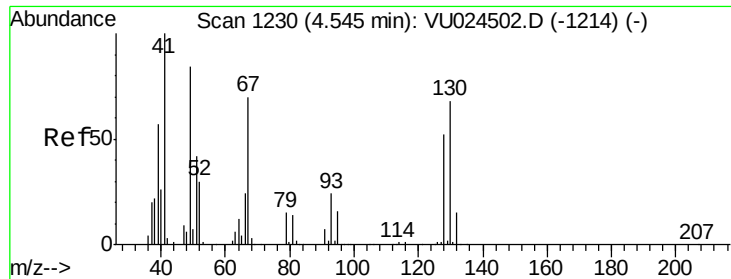
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#40
Benzene
Concen: 47.74 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024862.D
Acq: 23 Jun 2018 03:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.2	28.8





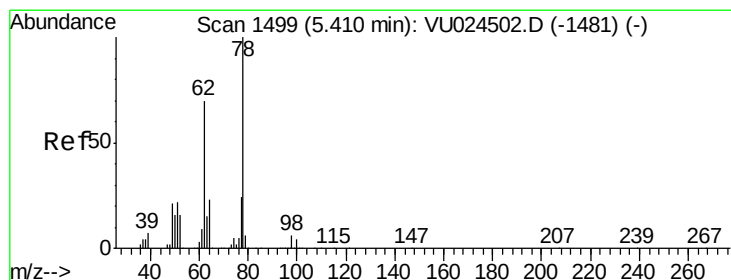
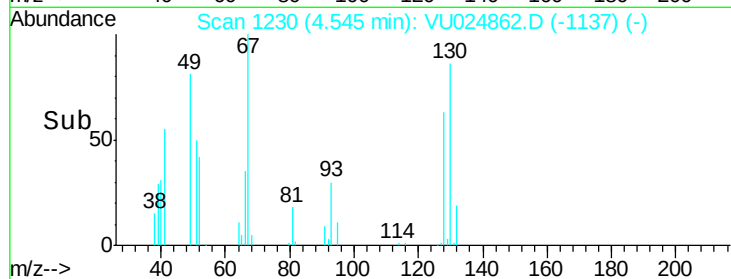
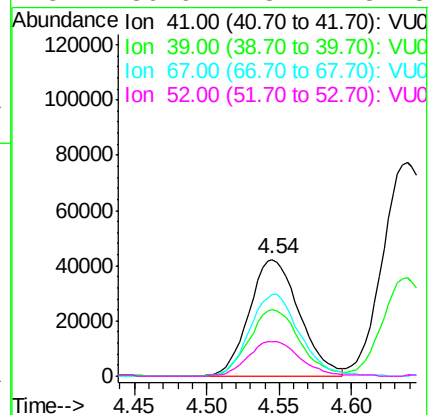
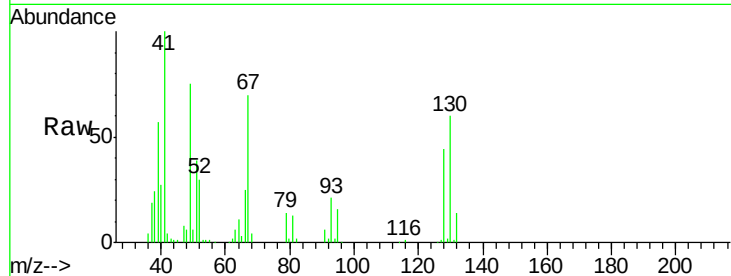
#41
Methacrylonitrile
Concen: 53.56 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU024862.D
Acq: 23 Jun 2018 03:30

Instrument :
MSVOA_U
ClientSampleId :
S32-0627MSD

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.1	43.8	65.6
67	70.9	56.3	84.5
52	30.9	23.2	34.8

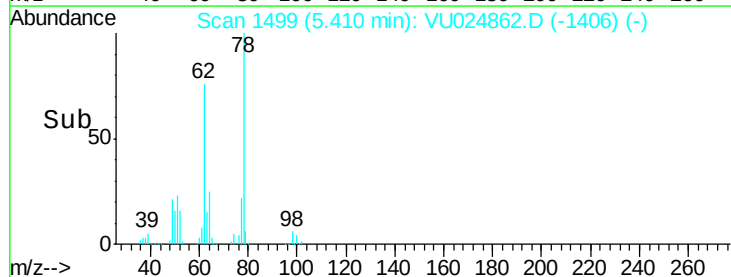
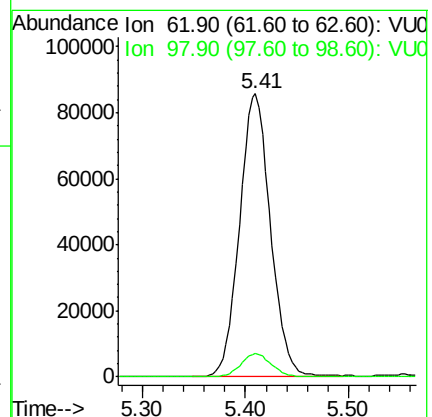
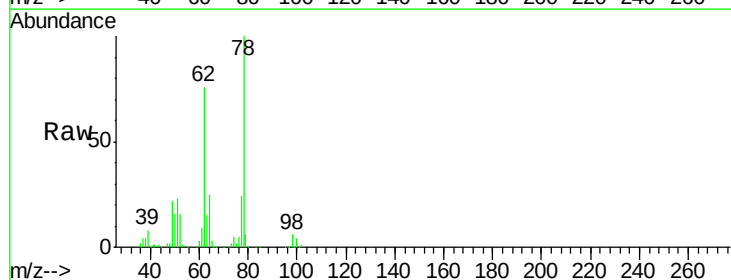
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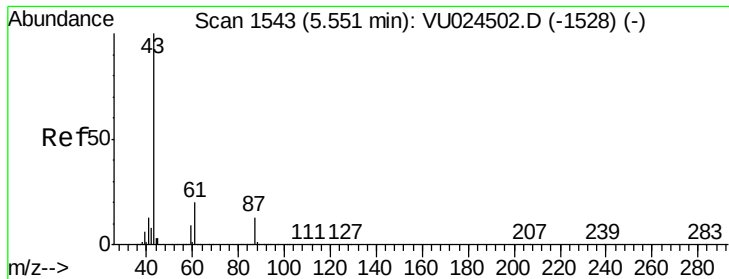
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#42
1,2-Dichloroethane
Concen: 51.37 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU024862.D
Acq: 23 Jun 2018 03:30

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.6





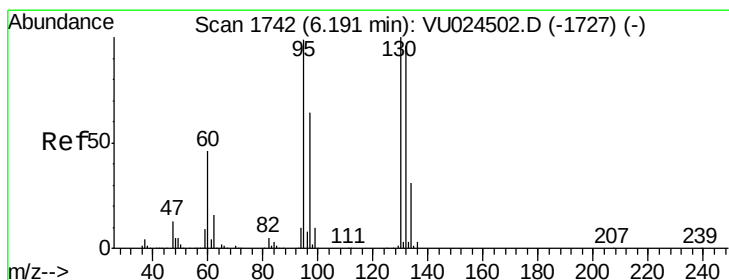
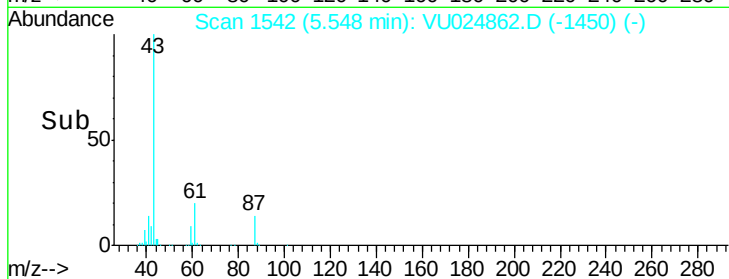
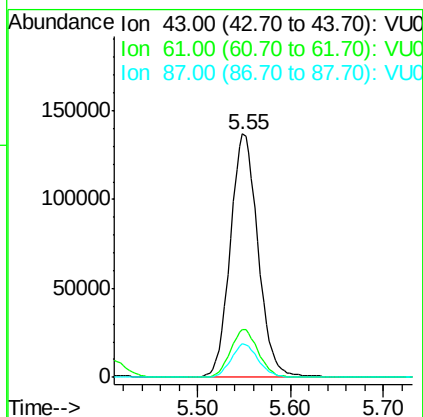
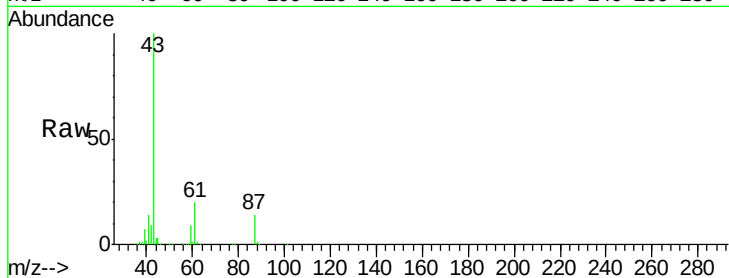
#43
Isopropyl Acetate
Concen: 46.47 ug/l
RT: 5.55 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VU024862.D
Acq: 23 Jun 2018 03:30

Instrument :
MSVOA_U
ClientSampleId :
S32-0627MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.4	23.0
87	13.5	10.0	15.0

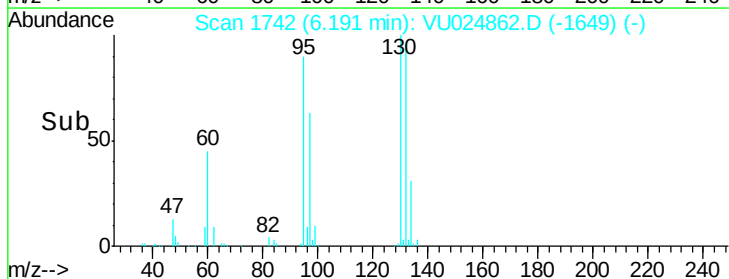
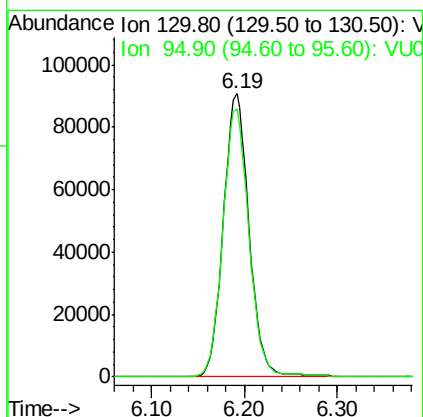
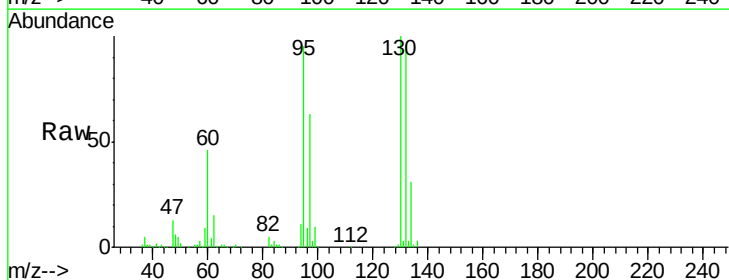
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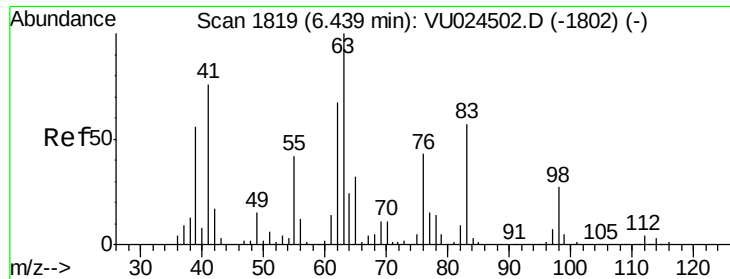
apatel
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#44
Trichloroethene
Concen: 67.00 ug/l
RT: 6.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VU024862.D
Acq: 23 Jun 2018 03:30

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	202.4





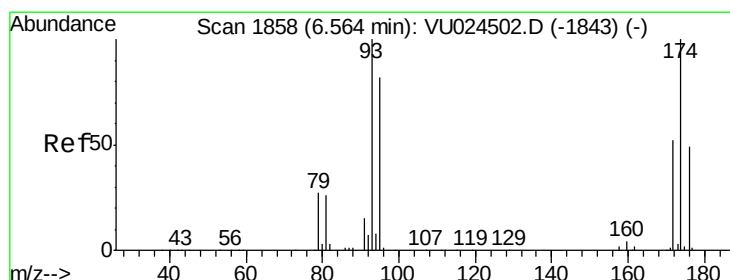
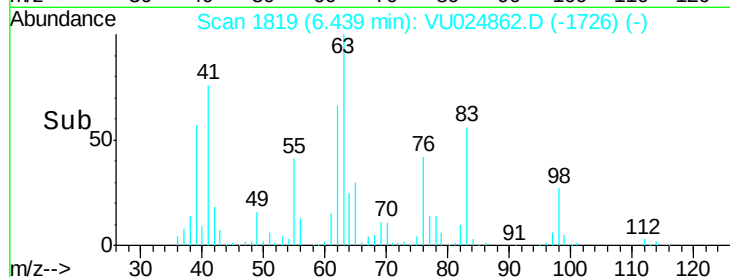
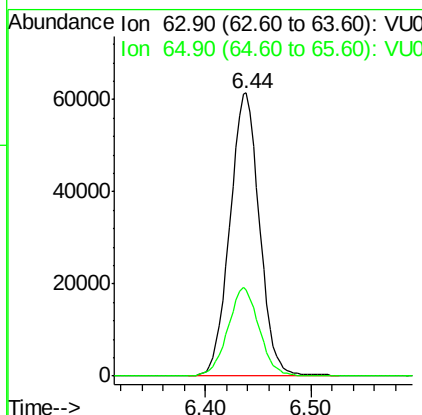
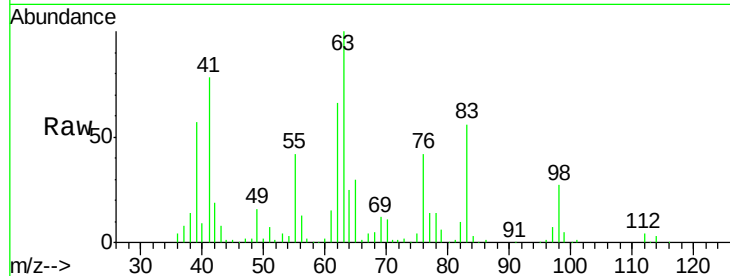
#45
 1,2-Dichloropropane
 Concen: 48.92 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: VU024862.D
 Acq: 23 Jun 2018 03:30

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0627MSD

Tot Ion: 63 Resp: 119625
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.8 37.2

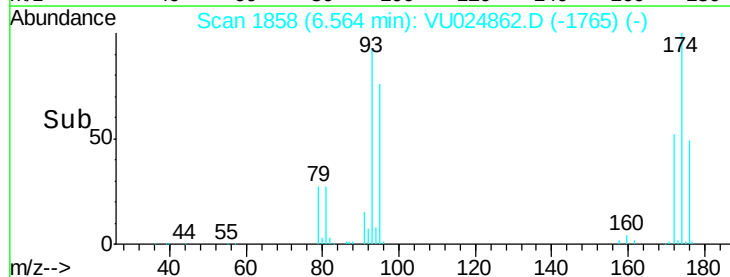
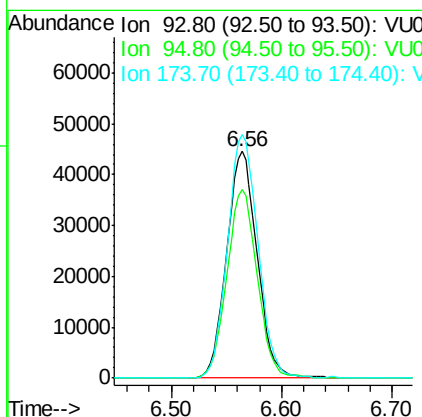
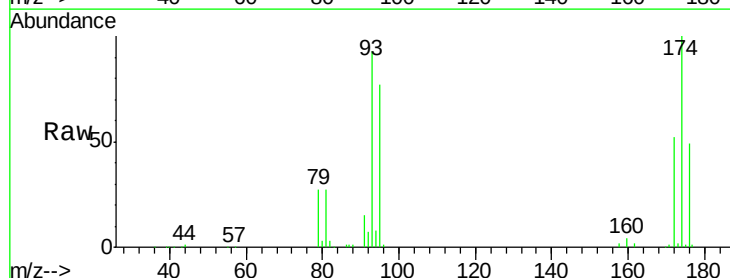
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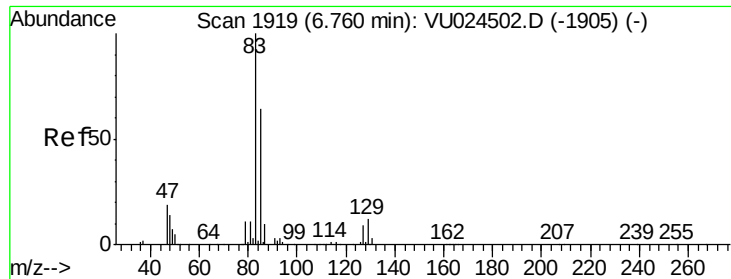
apatel
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#46
 Dibromomethane
 Concen: 49.91 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU024862.D
 Acq: 23 Jun 2018 03:30

Tgt Ion: 93 Resp: 85721
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.5 98.3
 174 107.0 78.7 118.1





#47

Bromodichloromethane

Concen: 48.32 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Instrument :

MSVOA_U

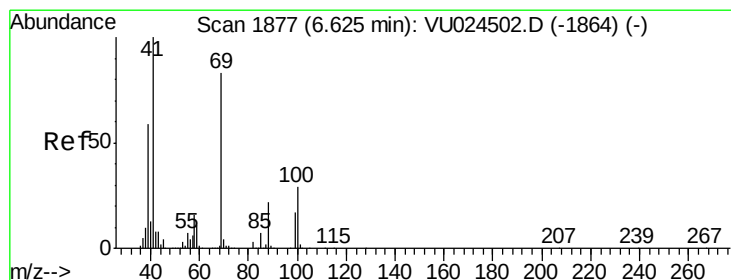
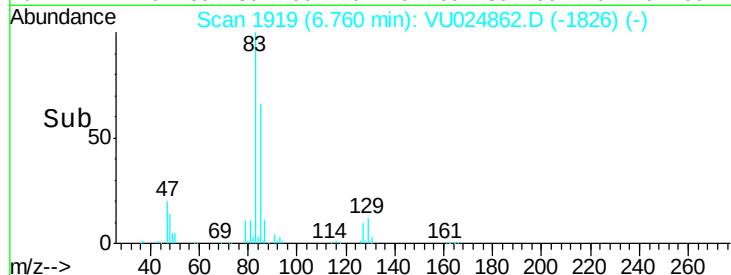
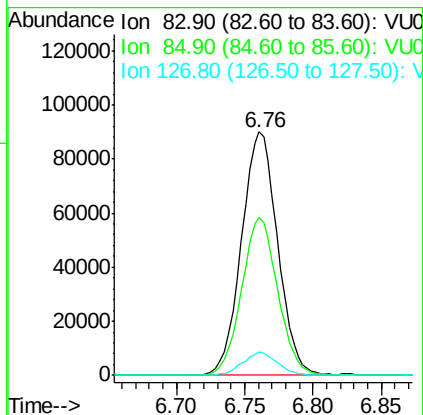
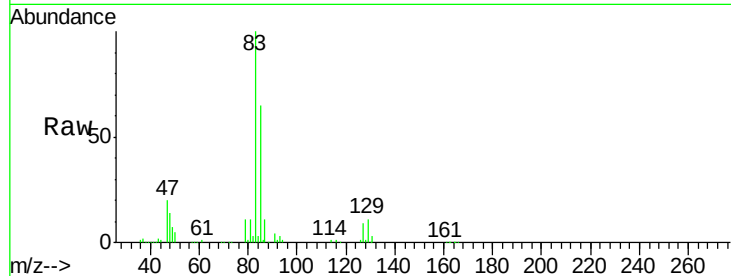
ClientSampleId :

S32-0627MSD

Tot Ion:	83	Resp:	165247
Ion Ratio	Lower	Upper	
83	100		
85	64.9	51.9	77.9
127	9.5	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.86 ug/l

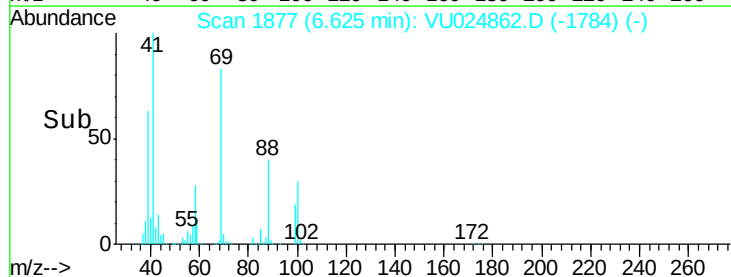
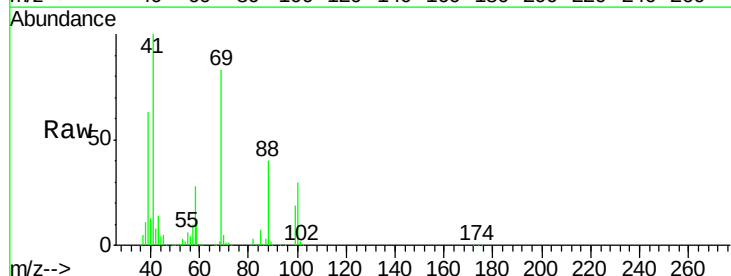
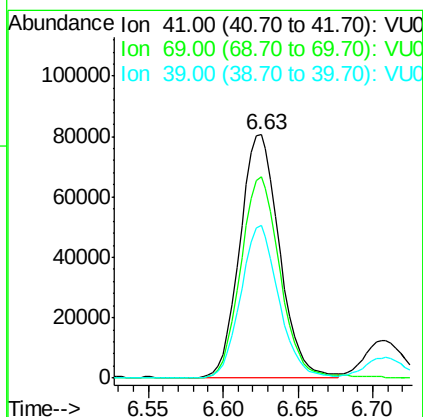
RT: 6.63 min Scan# 1877

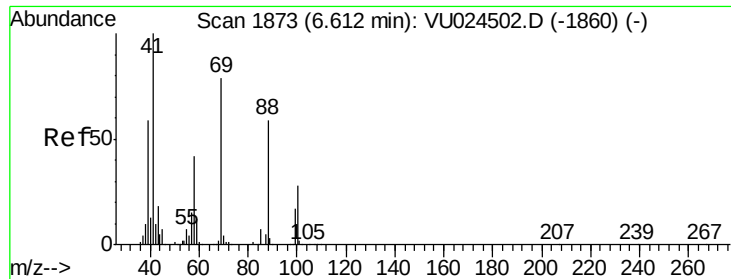
Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Tgt Ion:	41	Resp:	147098
Ion Ratio	Lower	Upper	
41	100		
69	83.1	67.3	100.9
39	60.3	46.5	69.7





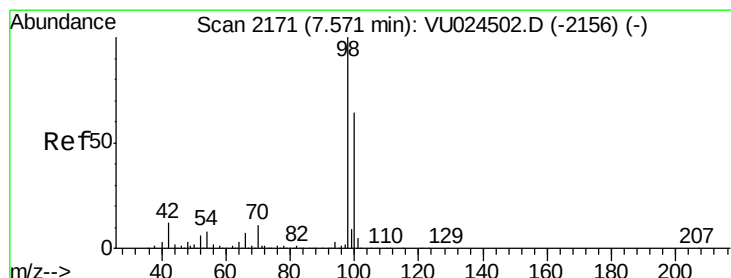
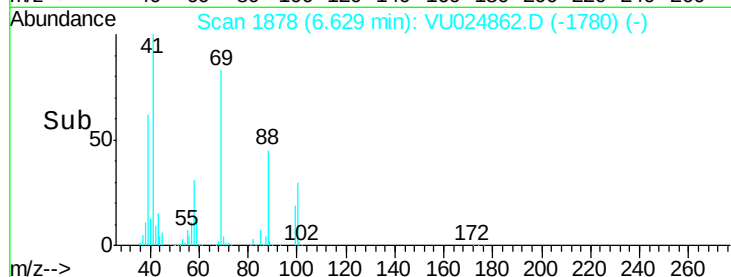
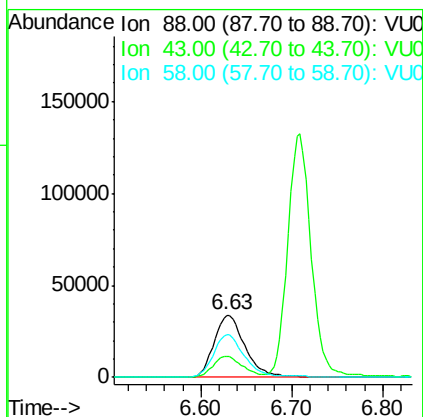
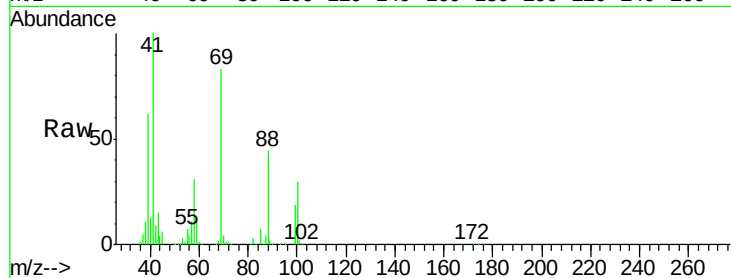
#49
1,4-Dioxane
Concen: 1389.33 ug/l
RT: 6.63 min Scan# 1878
Delta R.T. 0.02 min
Lab File: VU024862.D
Acq: 23 Jun 2018 03:30

Instrument :
MSVOA_U
ClientSampleId :
S32-0627MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.8	28.6	42.8
58	68.0	58.2	87.4

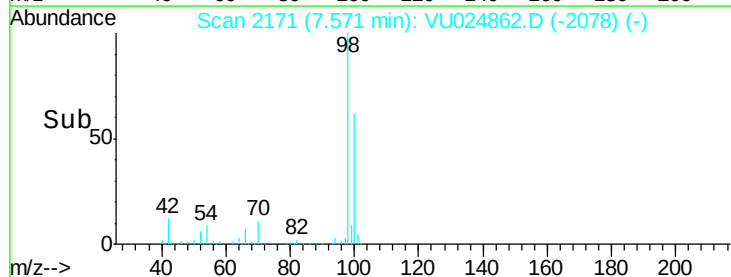
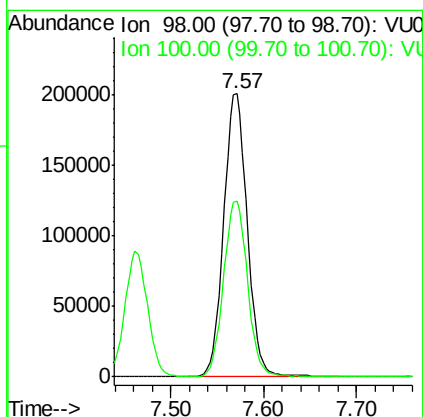
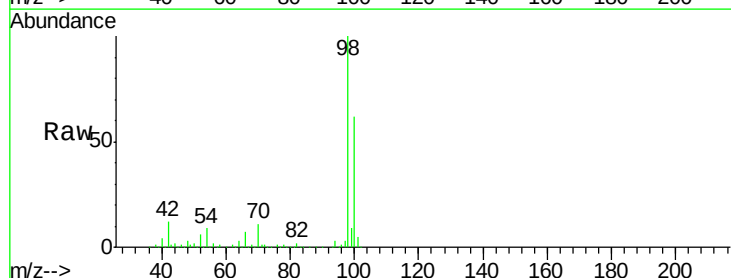
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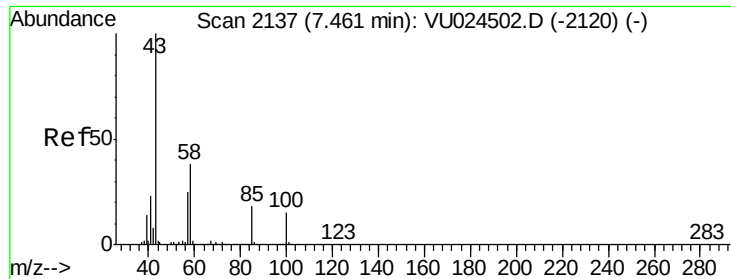
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#50
Toluene-d8
Concen: 42.70 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU024862.D
Acq: 23 Jun 2018 03:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 263.88 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Instrument :

MSVOA_U

ClientSampleId :

S32-0627MSD

Tot Ion: 43 Resp: 1004510

Ion Ratio Lower Upper

43 100

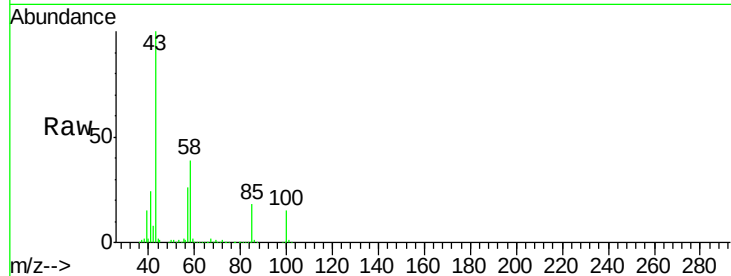
58 38.5 30.0 45.0

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Abundance Ion 43.00 (42.70 to 43.70): VU024862.D (-2044) (-)

Ion 58.00 (57.70 to 58.70): VU024862.D (-2044) (-)

7.46

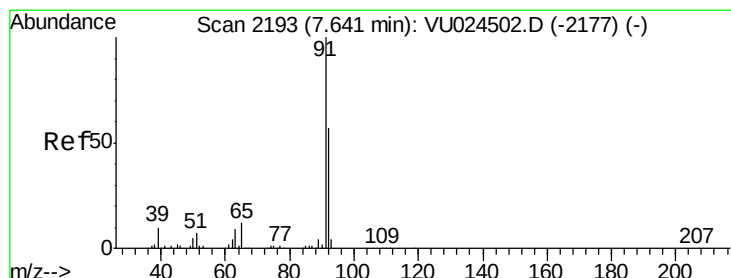
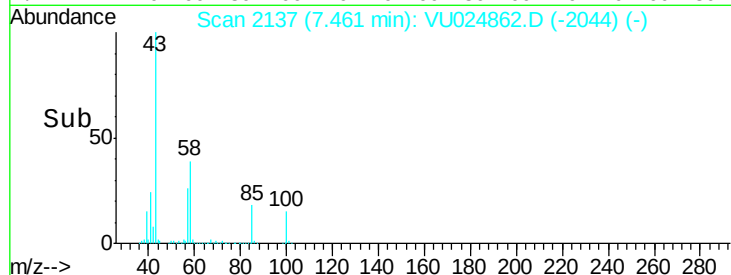
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 48.38 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU024862.D

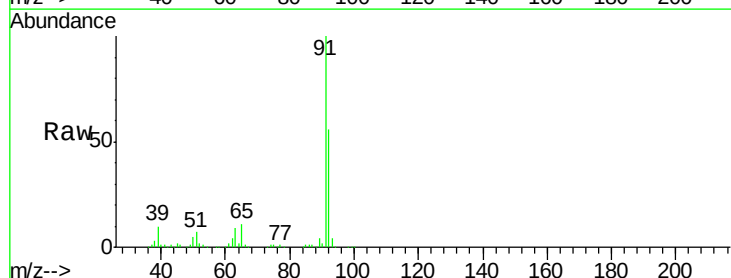
Acq: 23 Jun 2018 03:30

Tgt Ion: 92 Resp: 285269

Ion Ratio Lower Upper

92 100

91 173.8 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VU024862.D (-2100) (-)

Ion 91.00 (90.70 to 91.70): VU024862.D (-2100) (-)

7.64

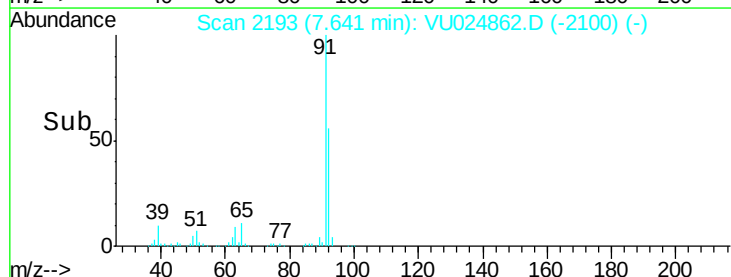
300000

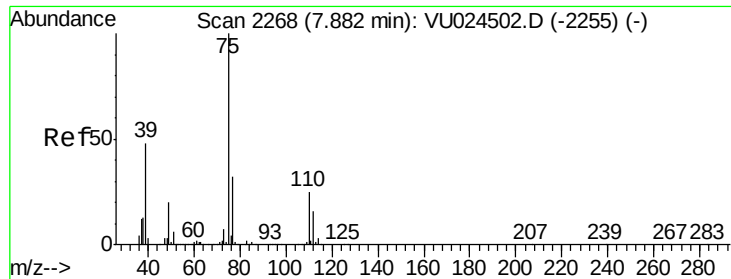
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 45.55 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Instrument :

MSVOA_U

ClientSampleId :

S32-0627MSD

Tot Ion: 75 Resp: 174971

Ion Ratio Lower Upper

75 100

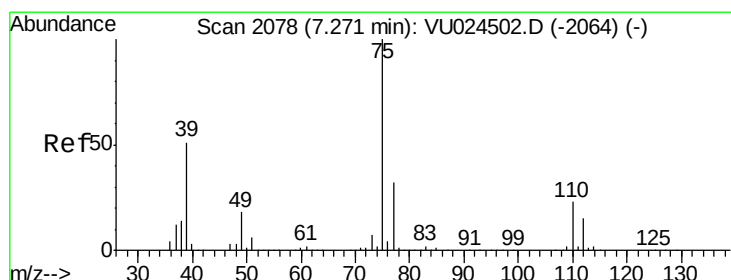
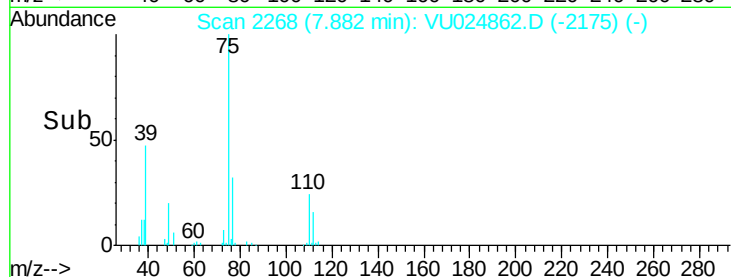
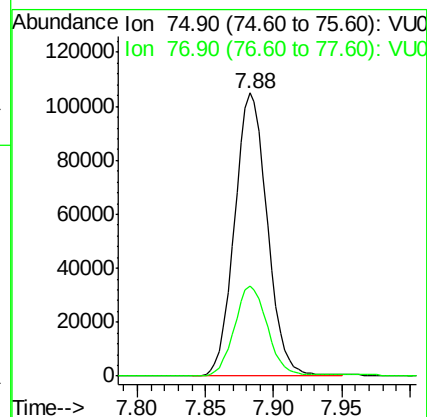
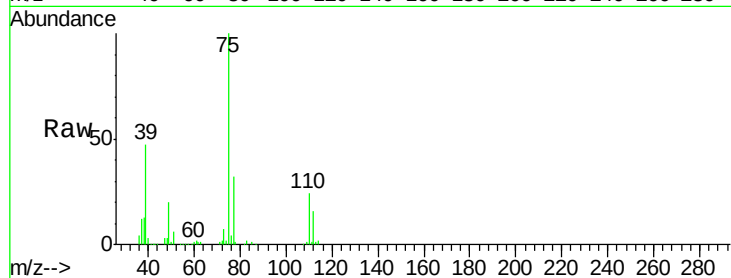
77 31.7 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 44.70 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

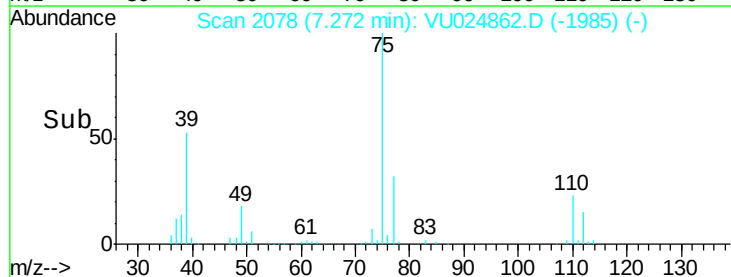
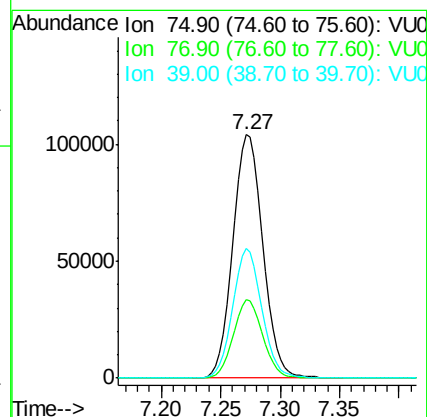
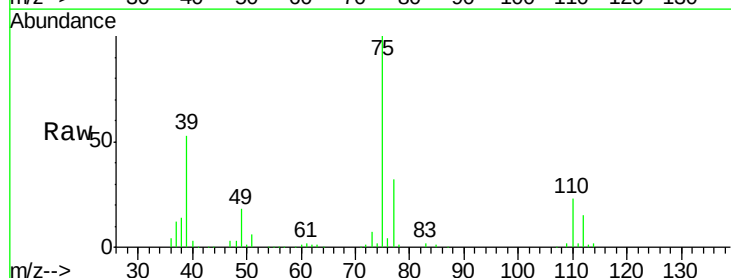
Tgt Ion: 75 Resp: 182947

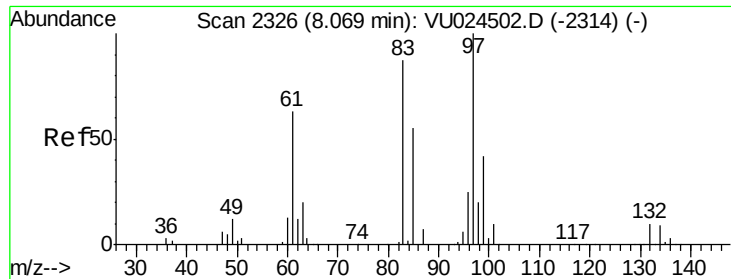
Ion Ratio Lower Upper

75 100

77 32.1 24.6 36.8

39 53.3 39.8 59.6





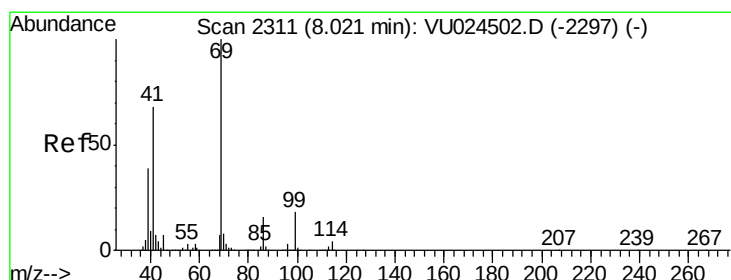
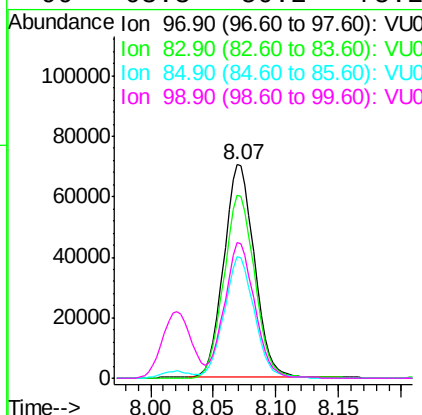
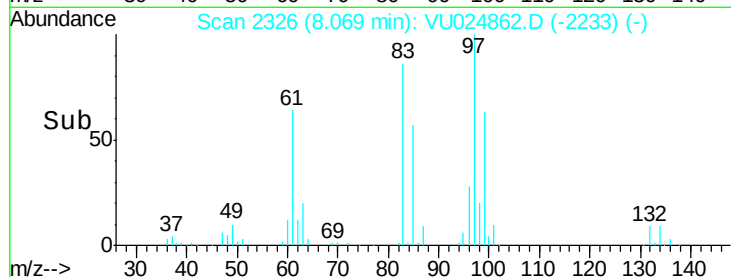
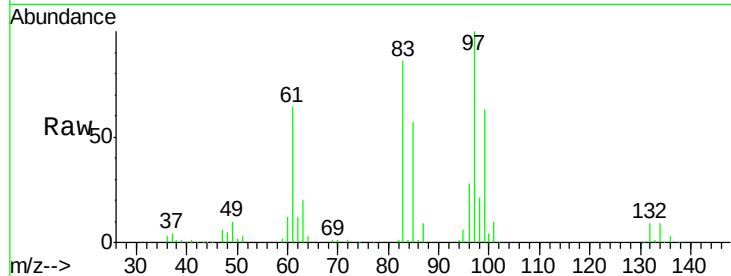
#55
 1,1,2-Trichloroethane
 Concen: 50.06 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU024862.D
 Acq: 23 Jun 2018 03:30

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0627MSD

Tot Ion:	97	Resp:	119968
Ion	Ratio	Lower	Upper
97	100		
83	86.0	70.5	105.7
85	56.6	46.4	69.6
99	63.3	50.2	75.2

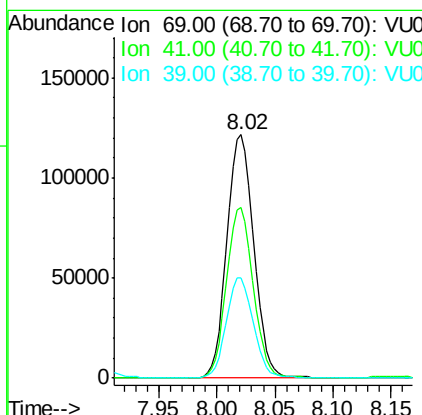
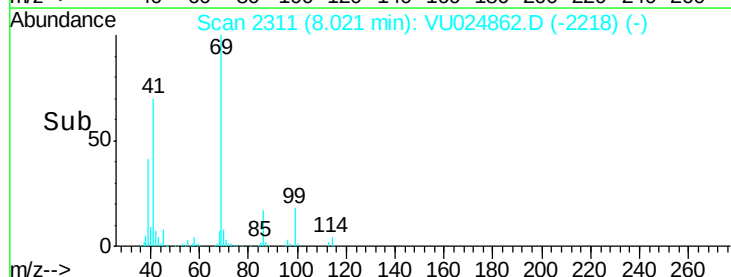
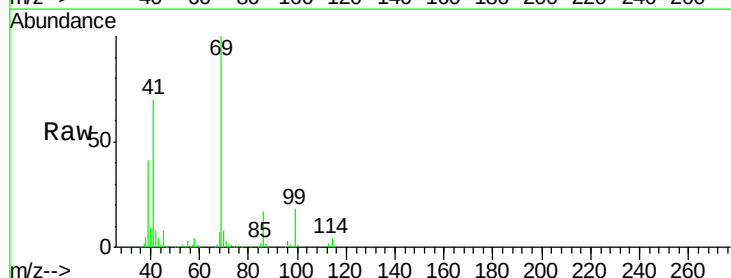
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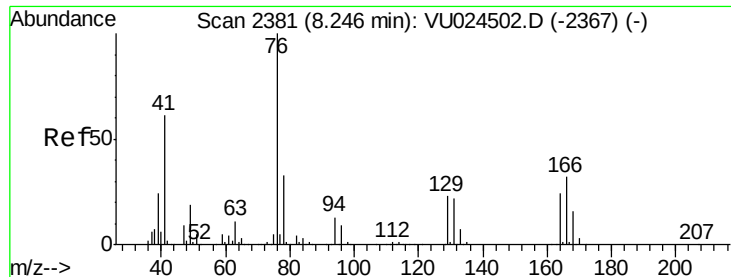
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#56
 Ethyl methacrylate
 Concen: 48.71 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024862.D
 Acq: 23 Jun 2018 03:30

Tgt Ion:	69	Resp:	195389
Ion	Ratio	Lower	Upper
69	100		
41	69.1	54.1	81.1
39	40.6	30.3	45.5





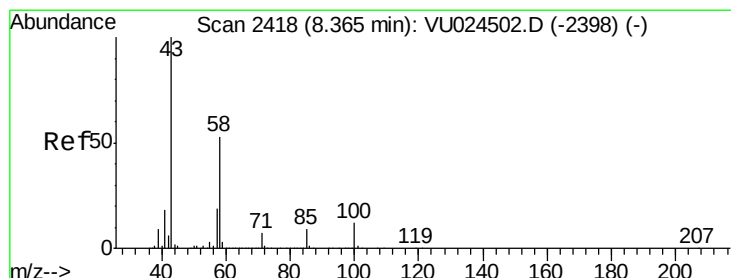
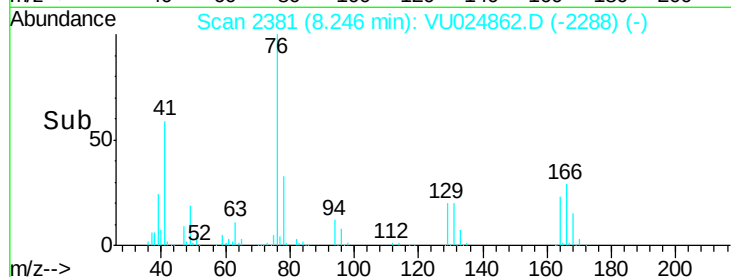
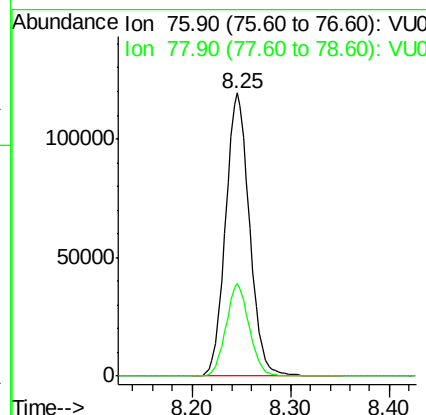
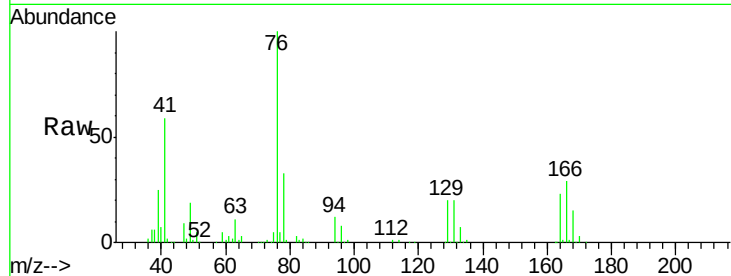
#57
 1,3-Dichloropropane
 Concen: 50.42 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU024862.D
 Acq: 23 Jun 2018 03:30

Instrument :
 MSVOA_U
 ClientSampled :
 S32-0627MSD

Tot Ion: 76 Resp: 203850
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.2 37.8

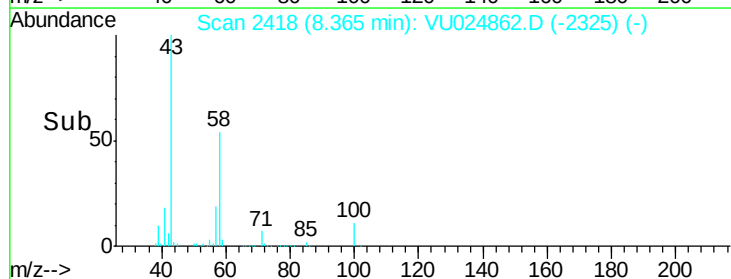
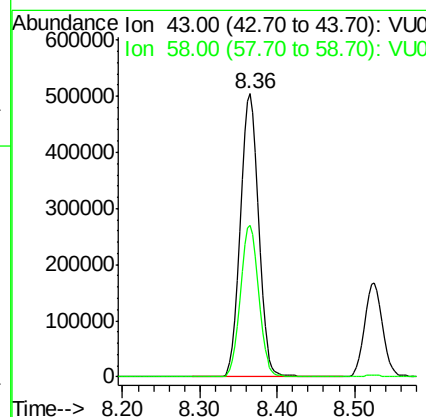
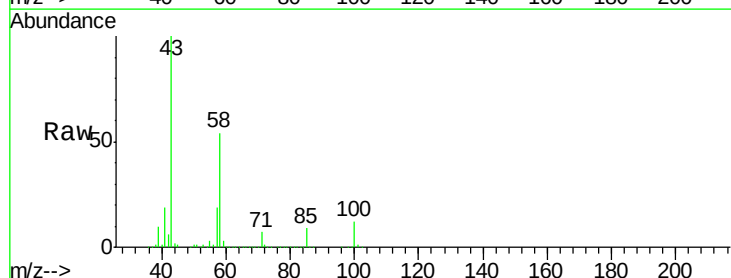
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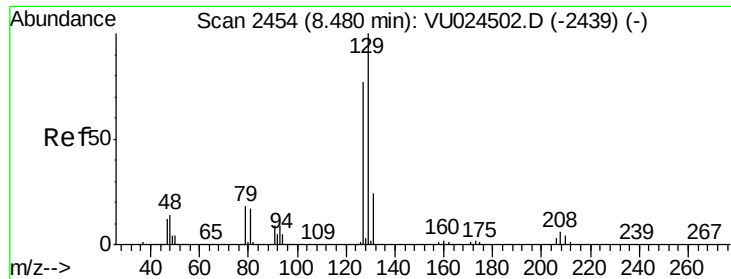
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#59
 2-Hexanone
 Concen: 262.01 ug/l
 RT: 8.36 min Scan# 2418
 Delta R.T. 0.00 min
 Lab File: VU024862.D
 Acq: 23 Jun 2018 03:30

Tgt Ion: 43 Resp: 814270
 Ion Ratio Lower Upper
 43 100
 58 53.5 26.4 79.0





#60

Dibromochloromethane

Concen: 47.25 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Instrument :

MSVOA_U

ClientSampleId :

S32-0627MSD

Tot Ion:129 Resp: 141223

Ion Ratio Lower Upper

129 100

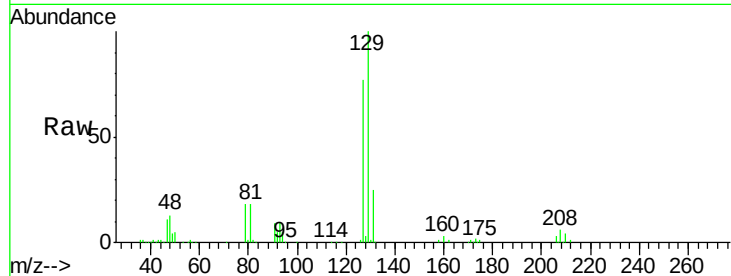
127 76.5 38.6 116.0

Manual Integrations

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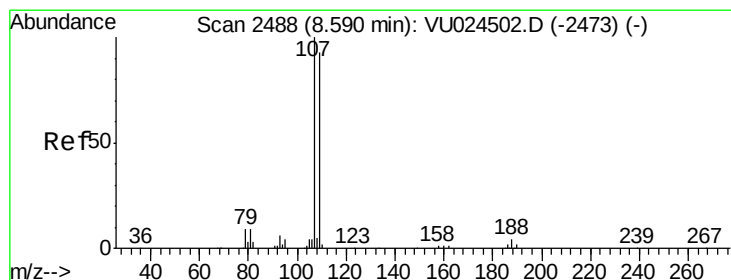
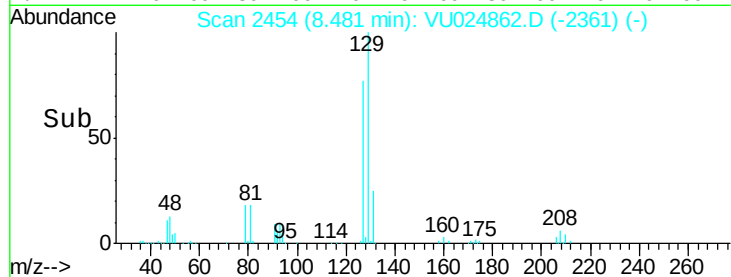
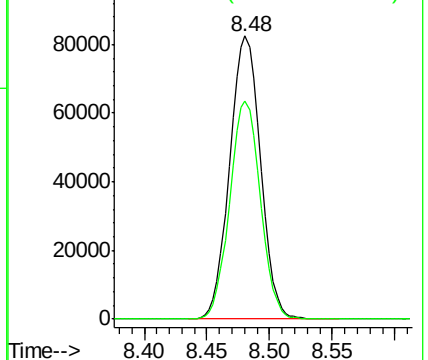
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.70 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024862.D

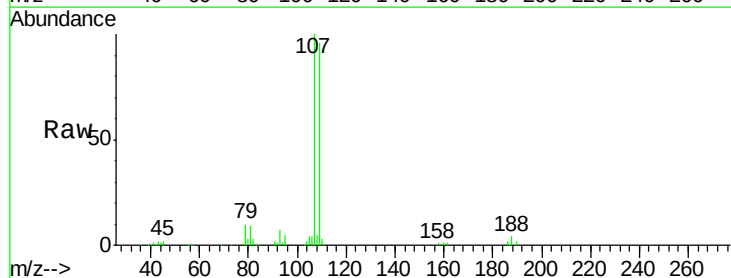
Acq: 23 Jun 2018 03:30

Tgt Ion:107 Resp: 132572

Ion Ratio Lower Upper

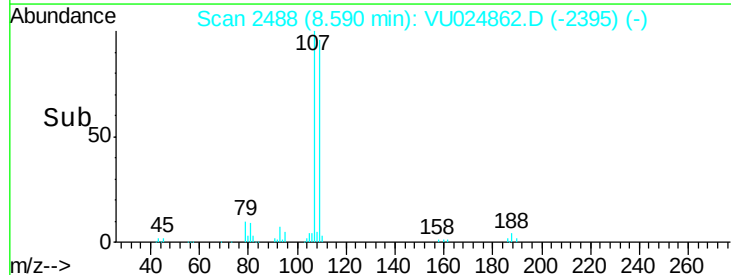
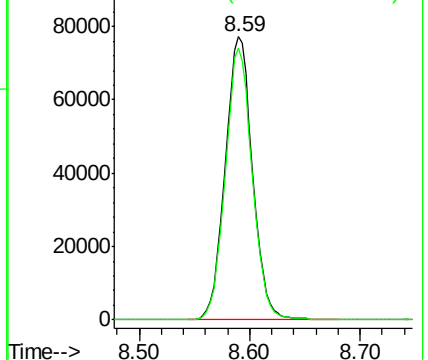
107 100

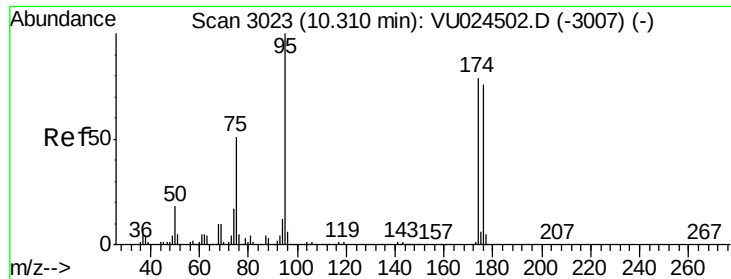
109 94.9 74.5 111.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 42.98 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Instrument :

MSVOA_U

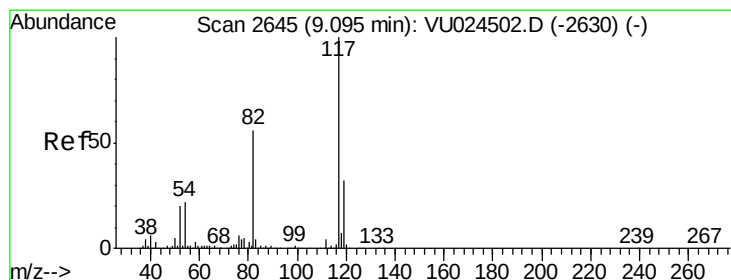
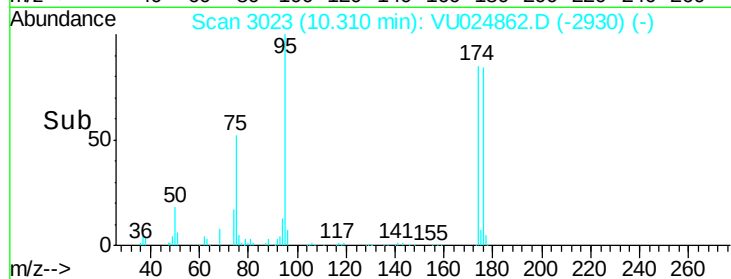
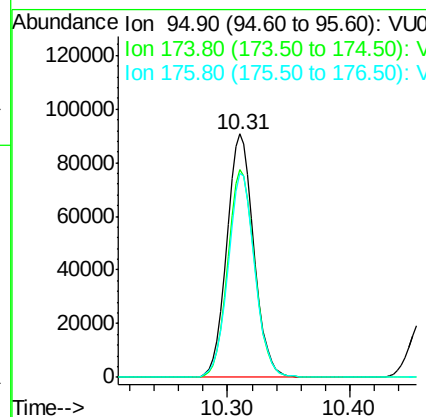
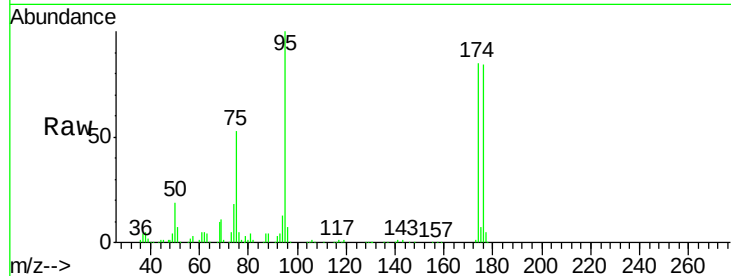
ClientSampleId :

S32-0627MSD

Tot Ion:	95	Resp:	141379
Ion Ratio	Lower	Upper	
95	100		
174	85.2	0.0	165.8
176	82.9	0.0	159.4

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

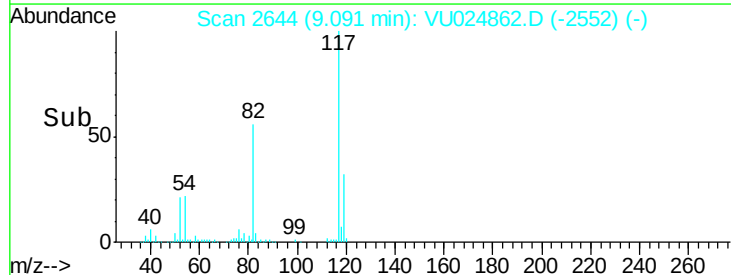
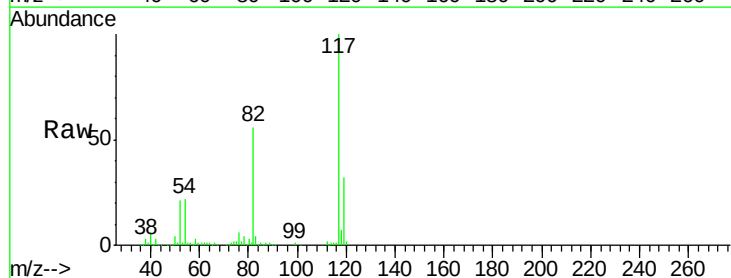
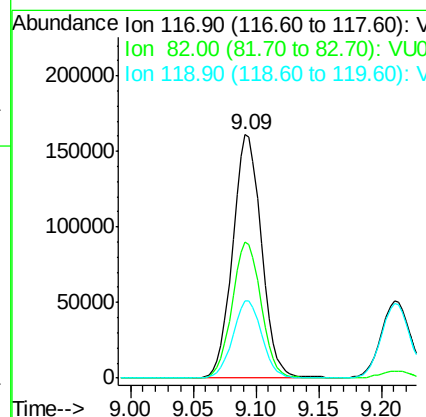
RT: 9.09 min Scan# 2644

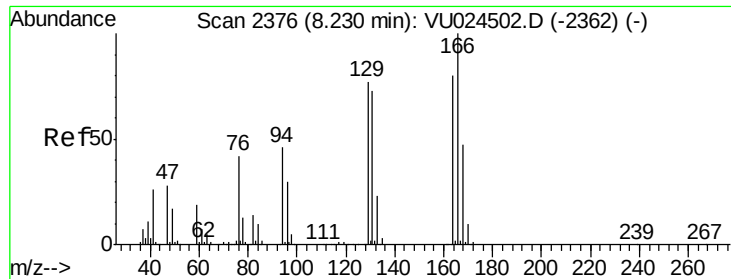
Delta R.T. -0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Tgt Ion:	117	Resp:	257880
Ion Ratio	Lower	Upper	
117	100		
82	55.8	44.3	66.5
119	31.5	25.4	38.2





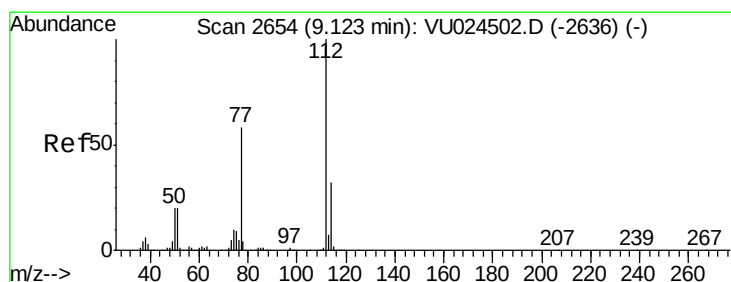
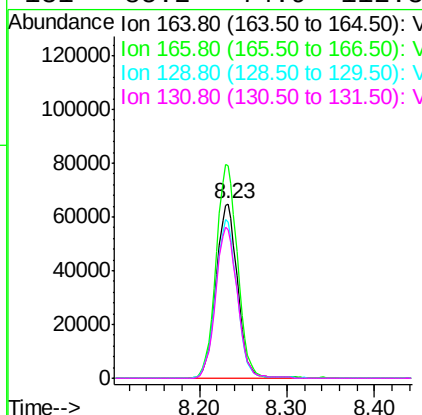
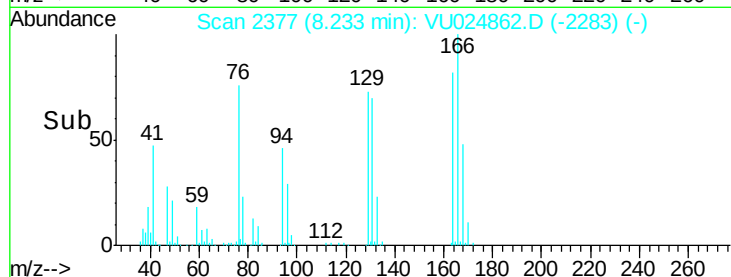
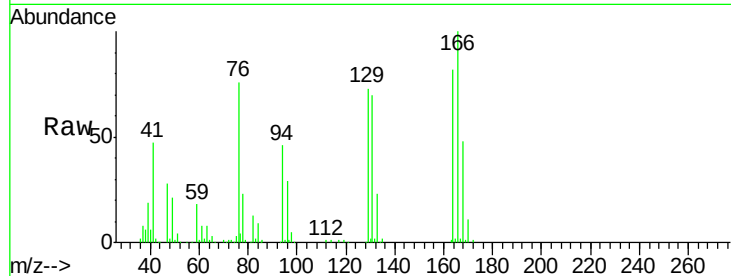
#64
Tetrachloroethene
Concen: 44.94 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024862.D
Acq: 23 Jun 2018 03:30

Instrument :
MSVOA_U
ClientSampleId :
S32-0627MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	122.1	110171	101.7	152.5
129	89.5		76.9	115.3
131	85.2		74.9	112.3

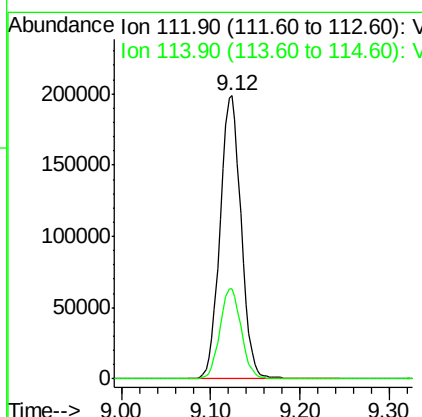
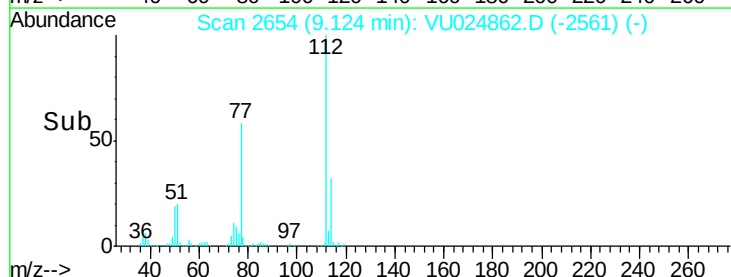
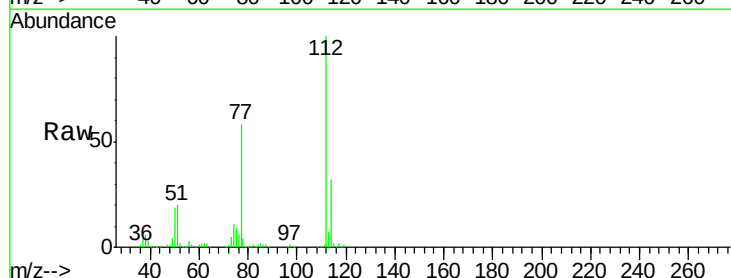
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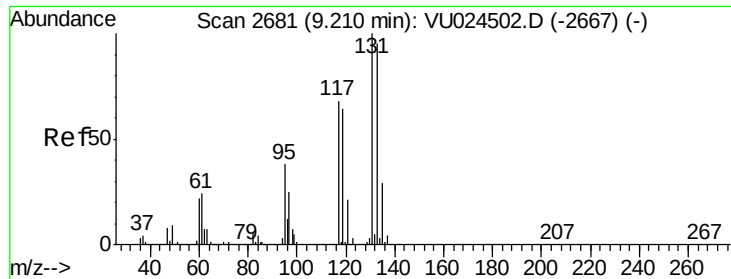
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#65
Chlorobenzene
Concen: 49.34 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024862.D
Acq: 23 Jun 2018 03:30

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	325049		
114	31.9		25.6	38.4





#66

1,1,1,2-Tetrachloroethane

Concen: 49.68 ug/l

RT: 9.21 min Scan# 2682

Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Instrument :

MSVOA_U

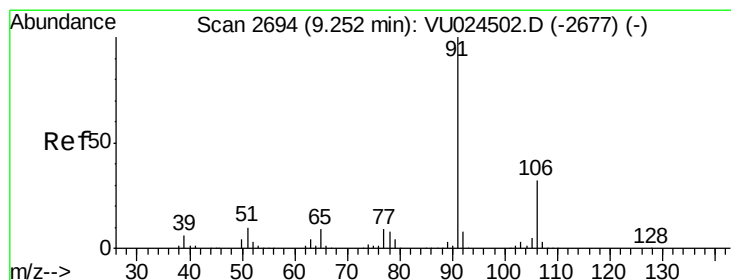
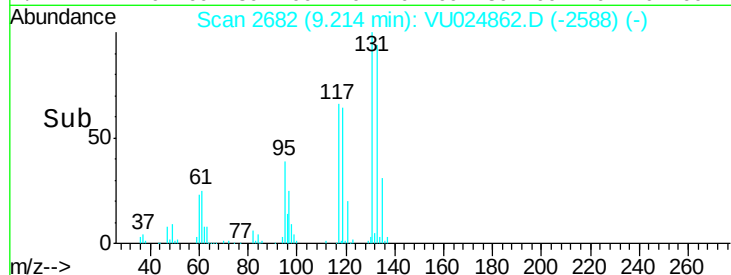
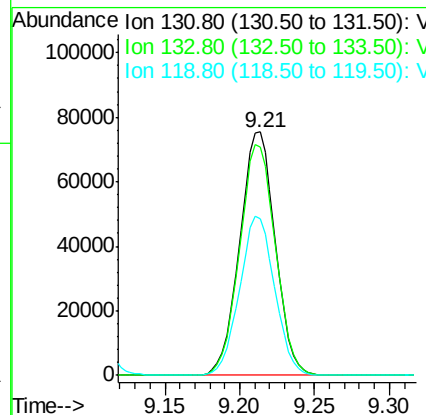
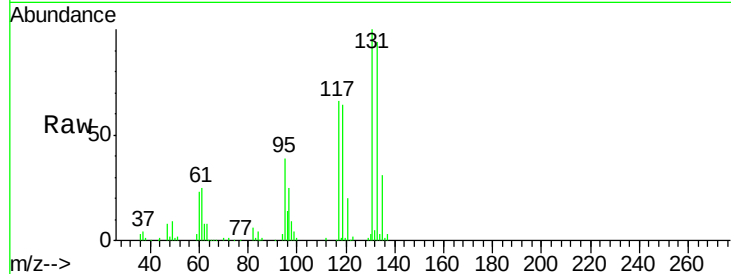
ClientSampleId :

S32-0627MSD

Tot Ion:	131	Resp:	124331
Ion Ratio	Lower	Upper	
131	100		
133	95.9	46.9	140.8
119	64.8	33.5	100.4

Manual Integrations
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#67

Ethyl Benzene

Concen: 48.61 ug/l

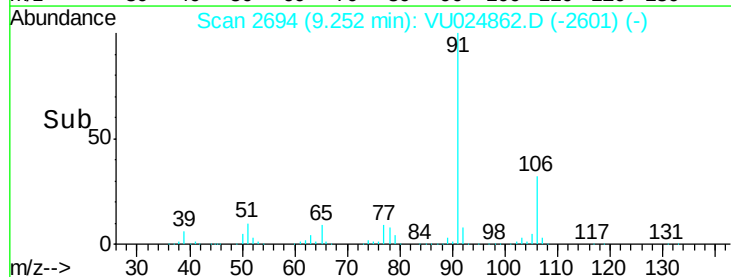
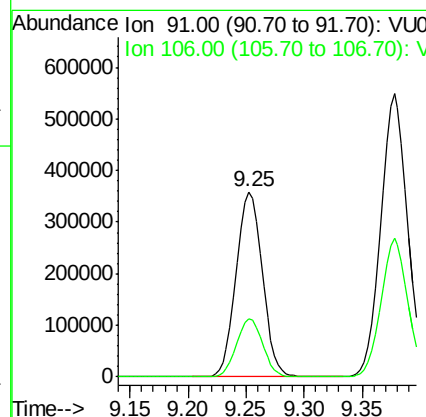
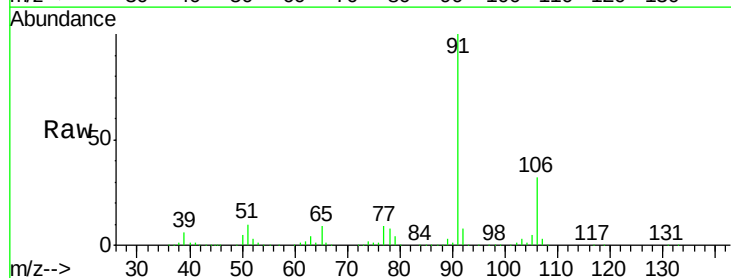
RT: 9.25 min Scan# 2694

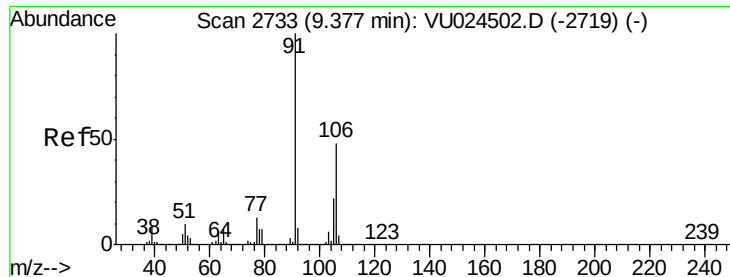
Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Tgt Ion:	91	Resp:	561424
Ion Ratio	Lower	Upper	
91	100		
106	31.6	24.2	36.4





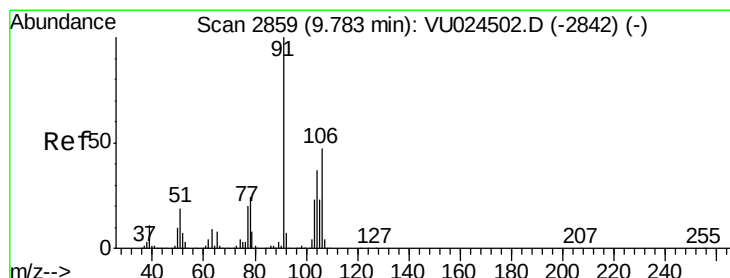
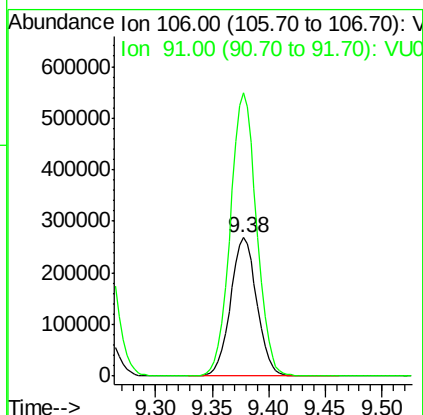
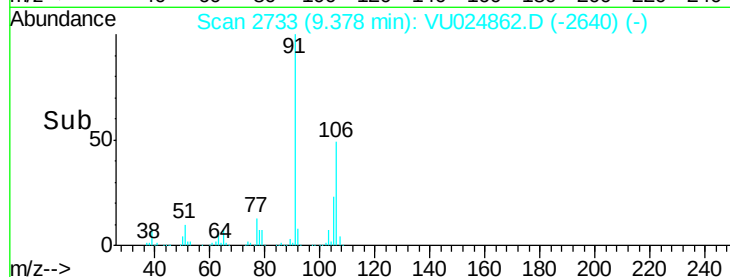
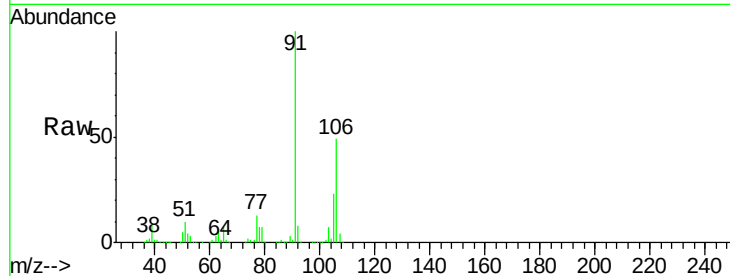
#68
m/p-Xylenes
Concen: 97.74 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU024862.D
Acq: 23 Jun 2018 03:30

Instrument :
MSVOA_U
ClientSampleId :
S32-0627MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
433453	106	100			
	91	204.8	166.5	249.7	

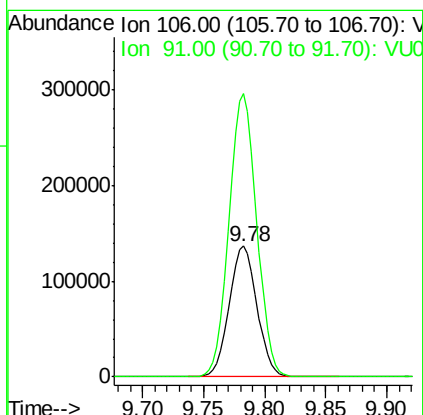
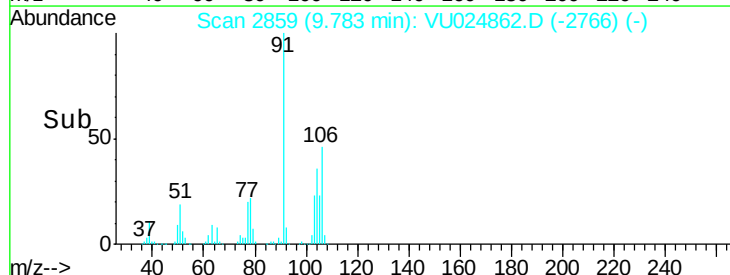
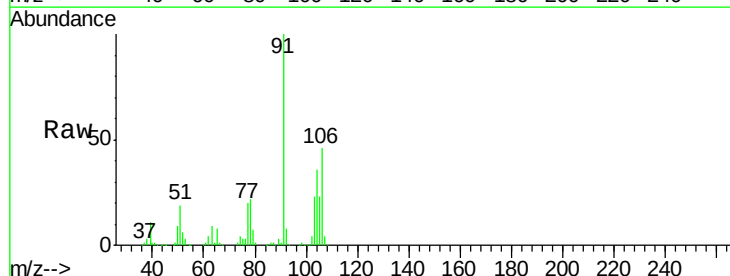
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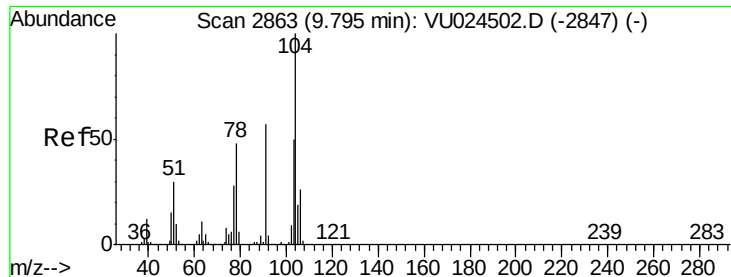
apatel
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#69
o-Xylene
Concen: 49.53 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024862.D
Acq: 23 Jun 2018 03:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
217399	106	100			
	91	216.0	110.7	331.9	





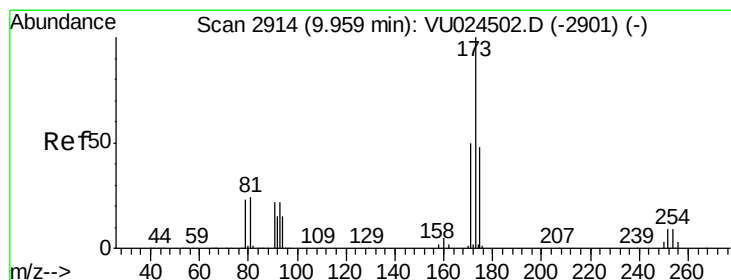
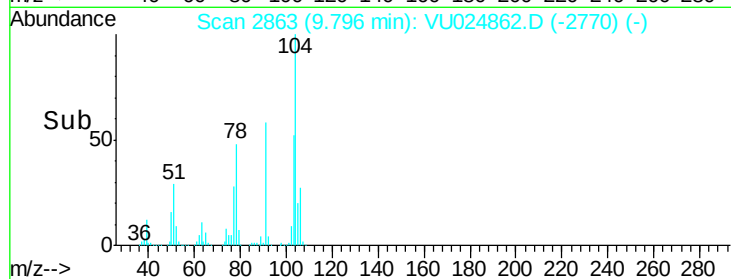
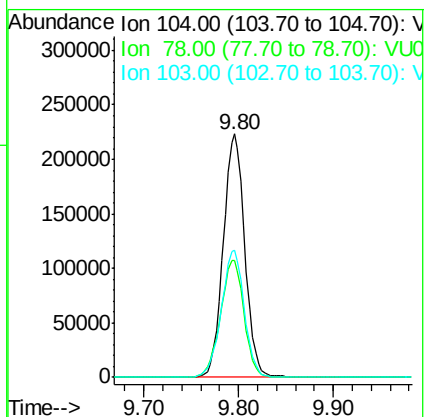
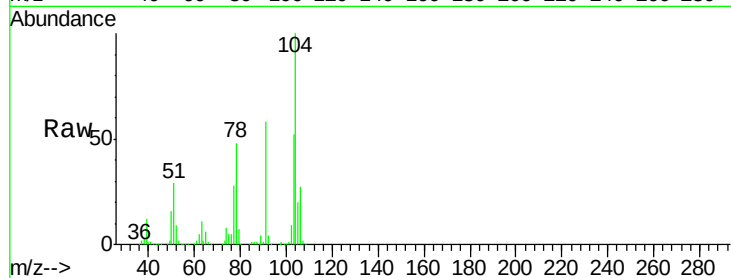
#70
Stvrene
Concen: 48.86 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024862.D
Acq: 23 Jun 2018 03:30

Instrument :
MSVOA_U
ClientSampleId :
S32-0627MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.5	40.6	60.8
103	55.8	44.7	67.1

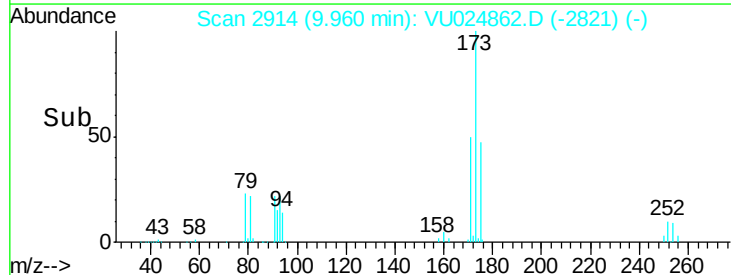
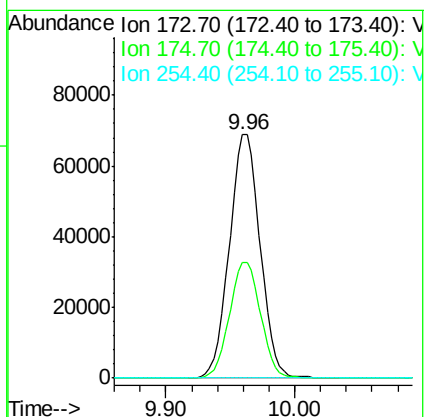
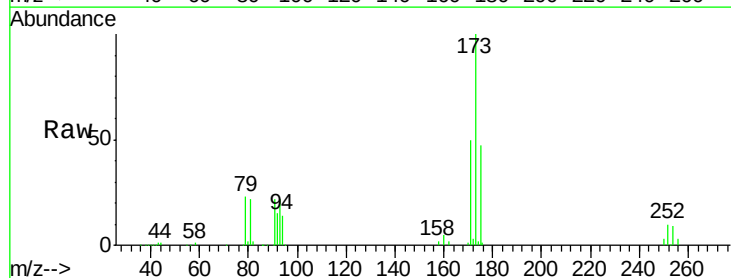
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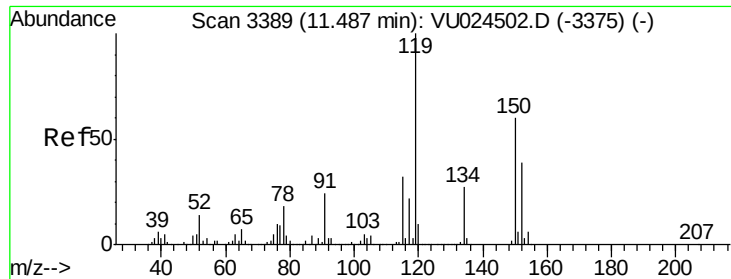
apatel
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#71
Bromoform
Concen: 47.86 ug/l
RT: 9.96 min Scan# 2914
Delta R.T. 0.00 min
Lab File: VU024862.D
Acq: 23 Jun 2018 03:30

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.6	74.0
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Instrument :

MSVOA_U

ClientSampleId :

S32-0627MSD

Tot Ion:152 Resp: 156589

Ion Ratio Lower Upper

152 100

115 83.6 43.0 129.0

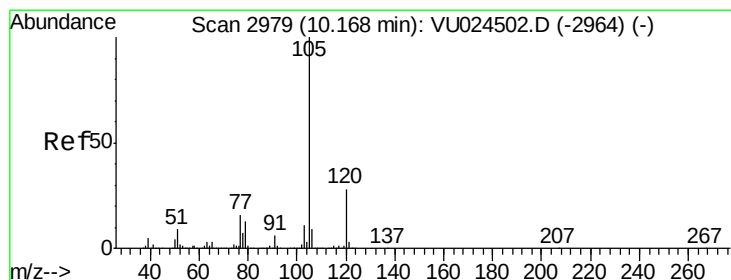
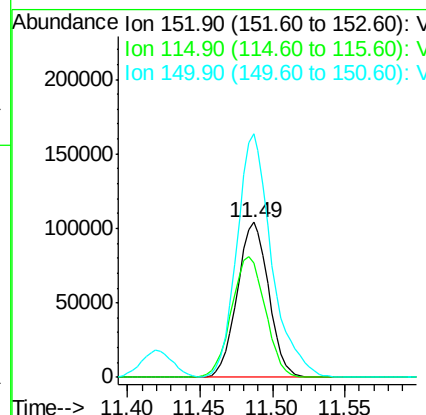
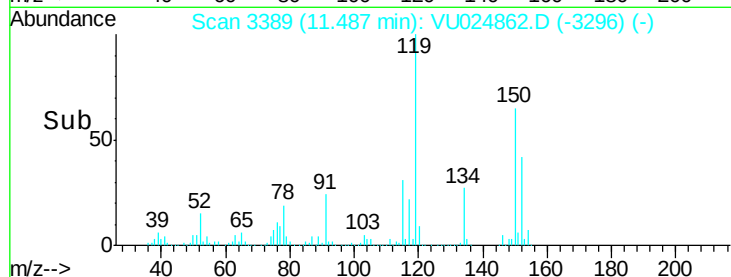
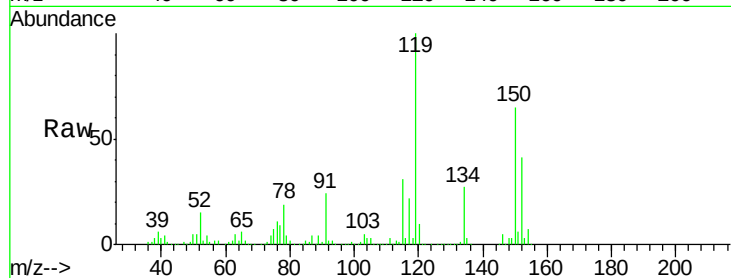
150 173.6 0.0 354.0

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#73

Isopropylbenzene

Concen: 49.50 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024862.D

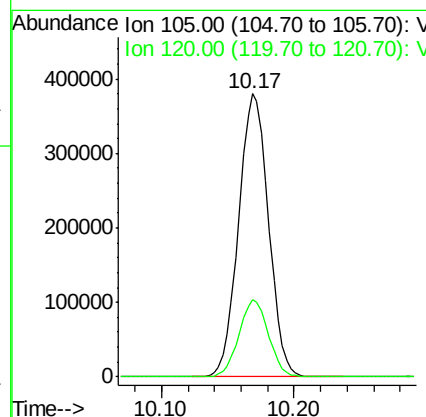
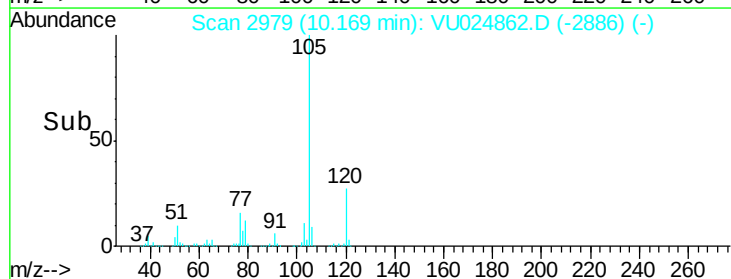
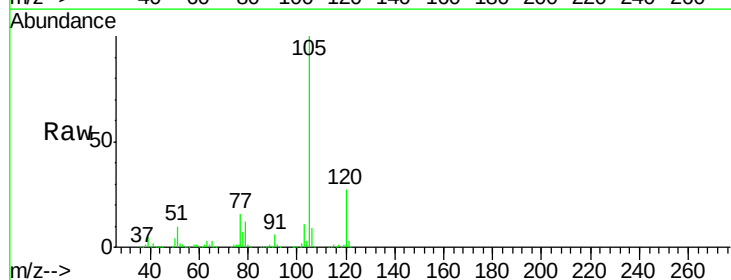
Acq: 23 Jun 2018 03:30

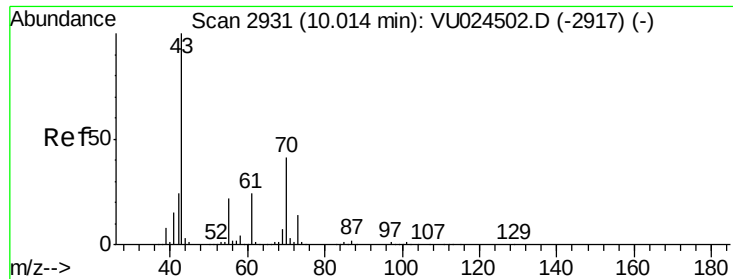
Tgt Ion:105 Resp: 595161

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.6





#74

N-amvl acetate

Concen: 47.66 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Instrument :

MSVOA_U

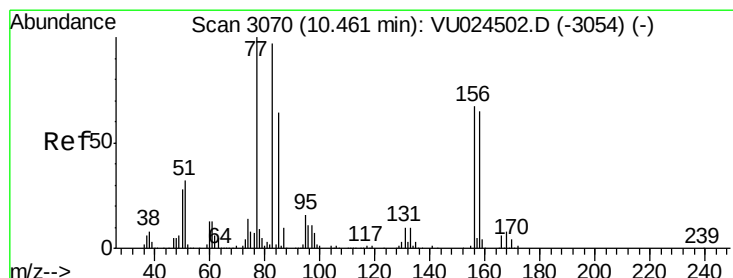
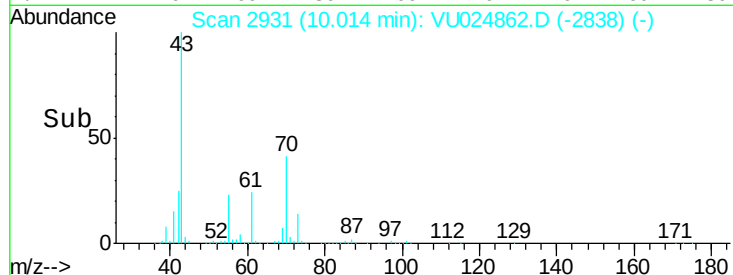
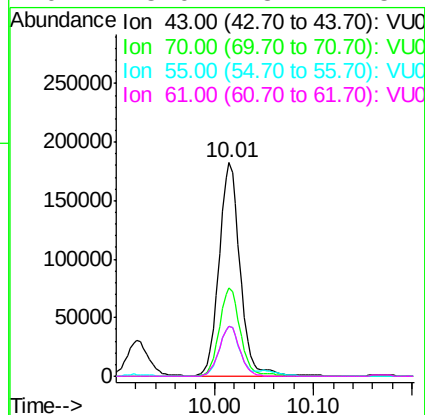
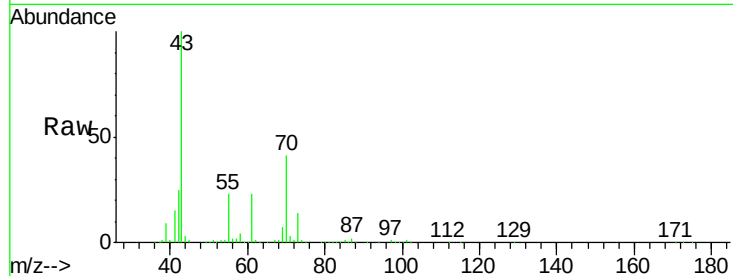
ClientSampleId :

S32-0627MSD

Tot Ion:	43	Resp:	272520
Ion	Ratio	Lower	Upper
43	100		
70	41.6	32.2	48.4
55	22.8	20.5	30.7
61	23.0	18.7	28.1

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#75

1,1,2,2-Tetrachloroethane

Concen: 51.18 ug/l

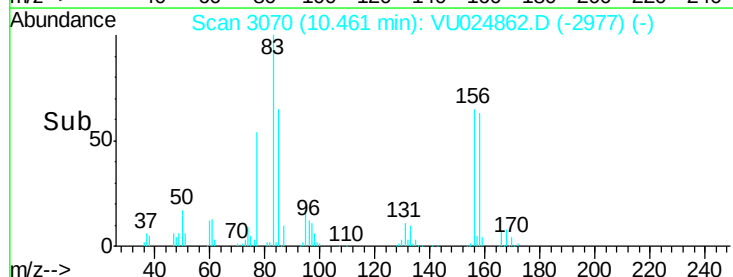
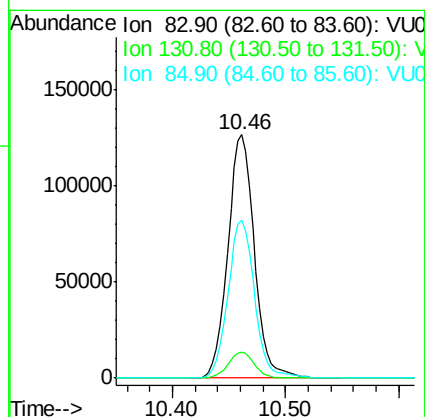
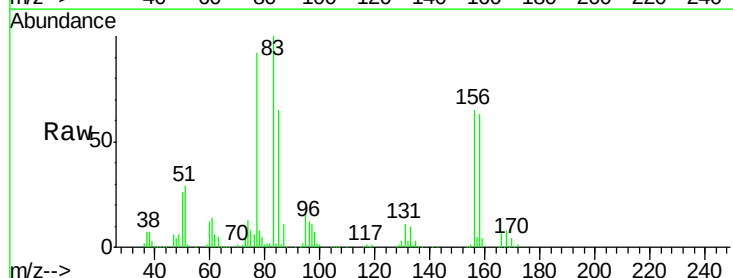
RT: 10.46 min Scan# 3070

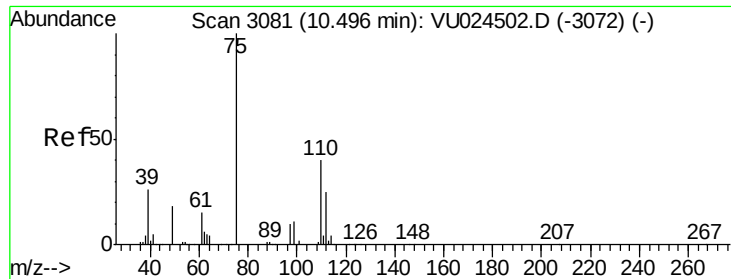
Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Tgt Ion:	83	Resp:	206194
Ion	Ratio	Lower	Upper
83	100		
131	10.4	4.7	14.1
85	65.1	32.5	97.5





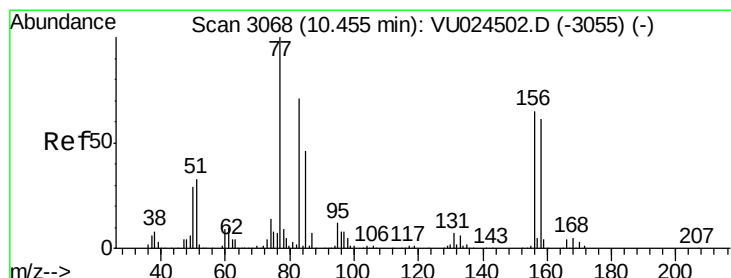
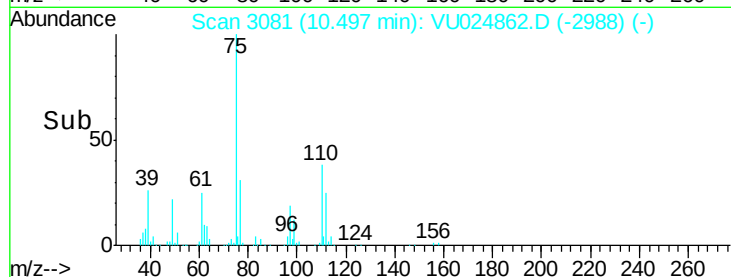
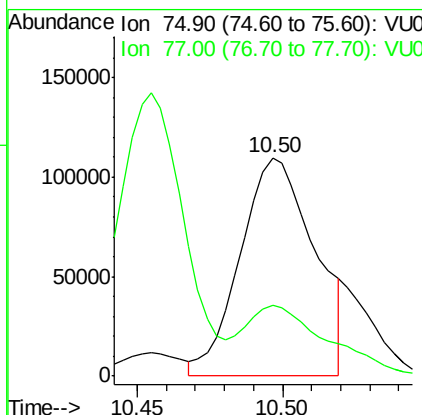
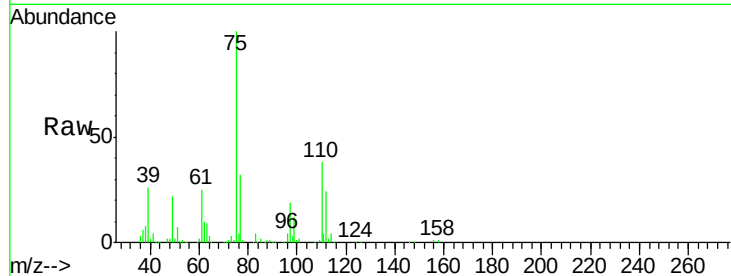
#76
 1,2,3-Trichloropropane
 Concen: 56.34 ug/l m
 RT: 10.50 min Scan# 3081
 Delta R.T. 0.00 min
 Lab File: VU024862.D
 Acq: 23 Jun 2018 03:30

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0627MSD

Tot Ion: 75 Resp: 194238
 Ion Ratio Lower Upper
 75 100
 77 37.1 20.9 62.7

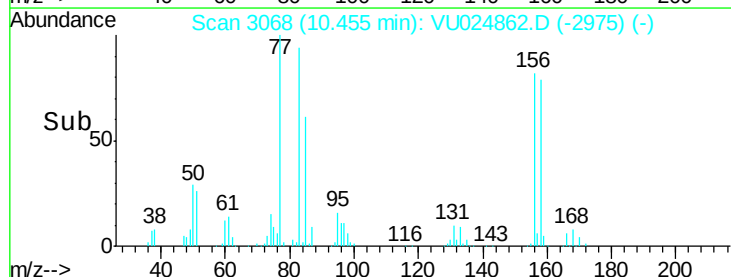
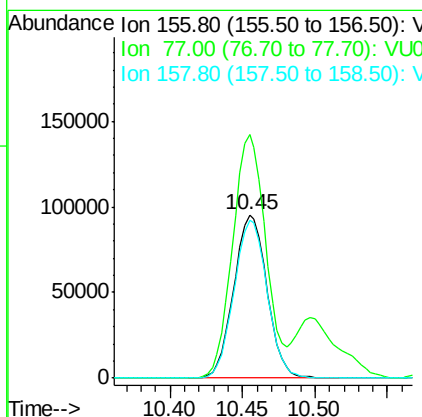
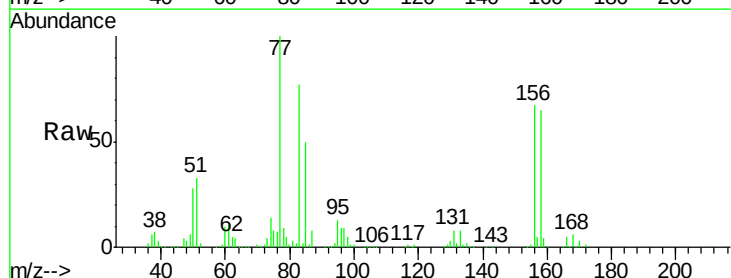
Manual Integrations
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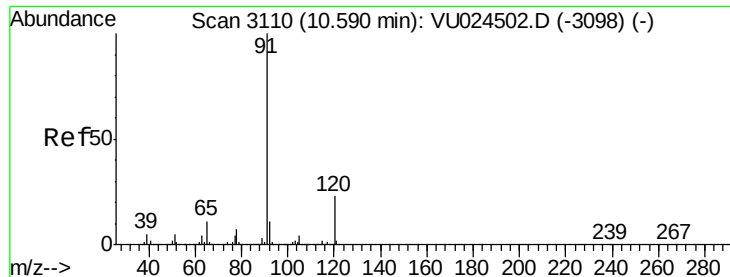
apatel
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#77
 Bromobenzene
 Concen: 49.87 ug/l
 RT: 10.45 min Scan# 3068
 Delta R.T. 0.00 min
 Lab File: VU024862.D
 Acq: 23 Jun 2018 03:30

Tgt Ion: 156 Resp: 151793
 Ion Ratio Lower Upper
 156 100
 77 149.4 80.5 241.3
 158 96.8 48.2 144.6





#78

n-propylbenzene

Concen: 47.62 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Instrument :

MSVOA_U

ClientSampleId :

S32-0627MSD

Tot Ion: 91 Resp: 674400

Ion Ratio Lower Upper

91 100

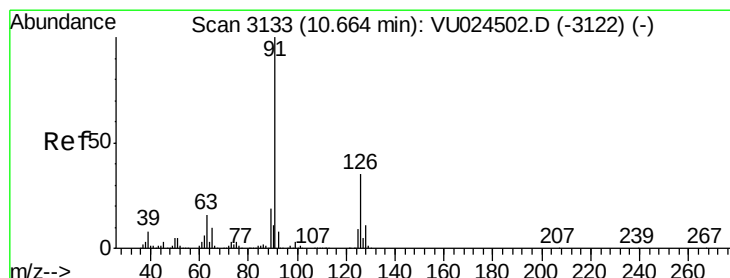
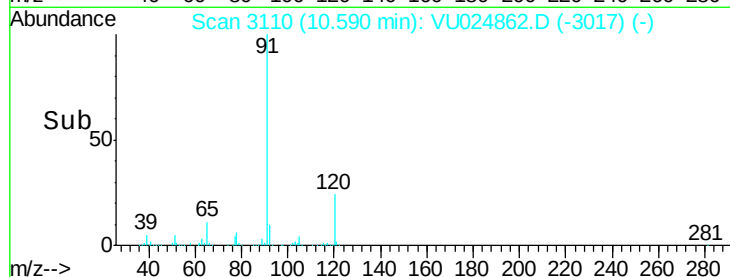
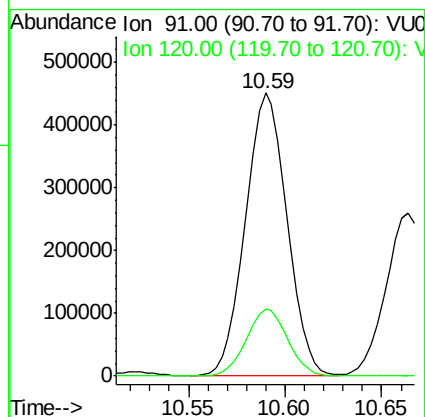
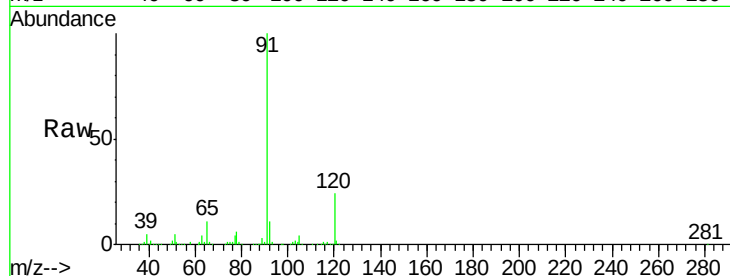
120 23.6 11.2 33.5

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#79

2-Chlorotoluene

Concen: 48.07 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU024862.D

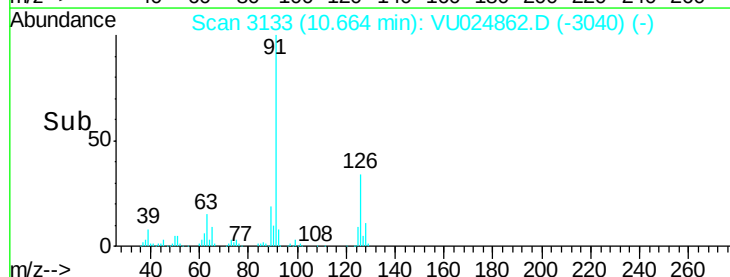
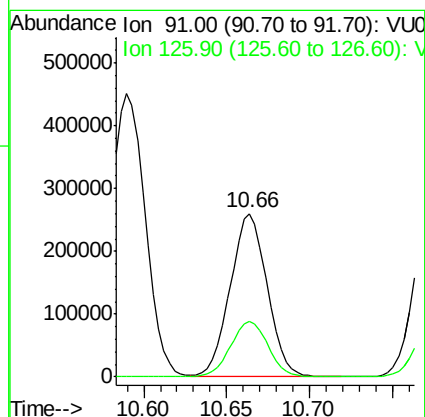
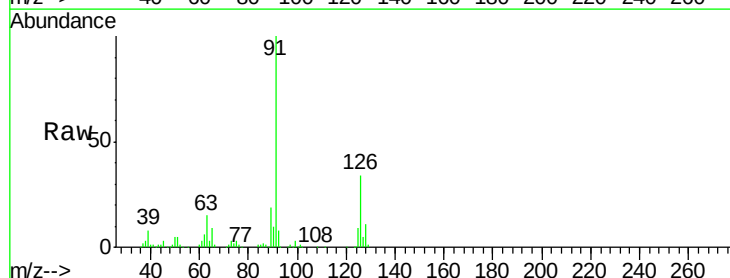
Acq: 23 Jun 2018 03:30

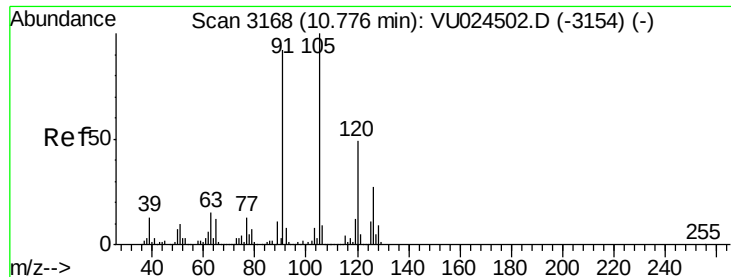
Tgt Ion: 91 Resp: 401455

Ion Ratio Lower Upper

91 100

126 34.6 16.9 50.7





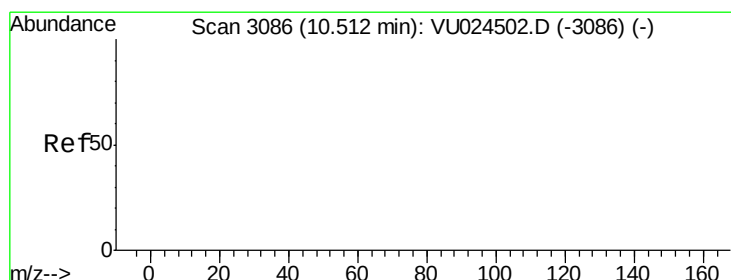
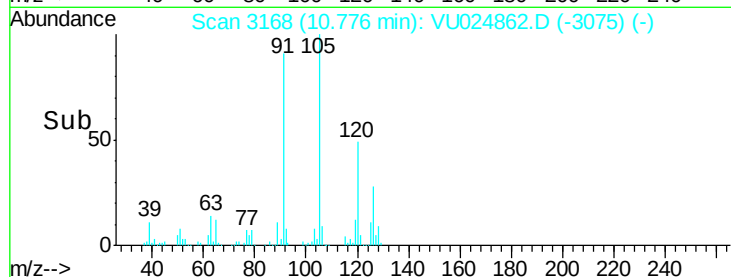
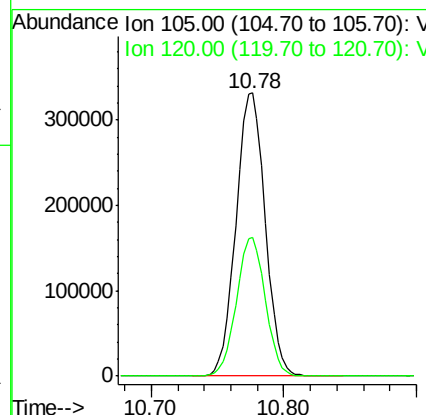
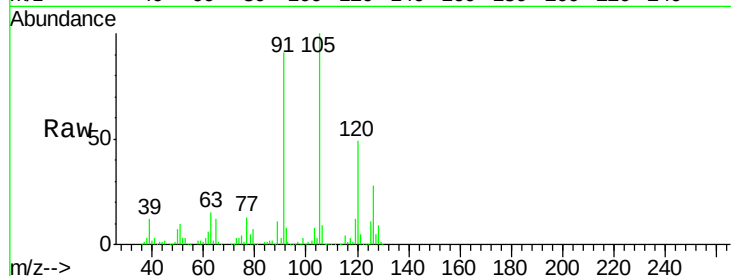
#80
 1,3,5-Trimethylbenzene
 Concen: 48.52 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: VU024862.D
 Acq: 23 Jun 2018 03:30

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0627MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.4	24.1	72.2

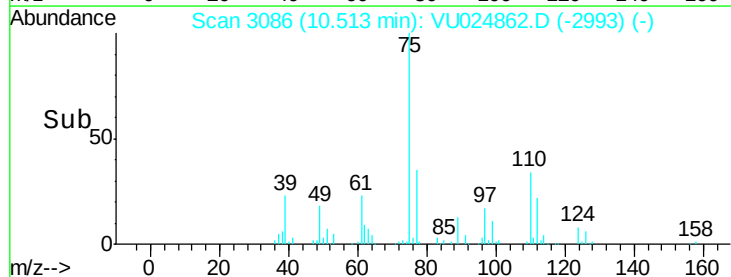
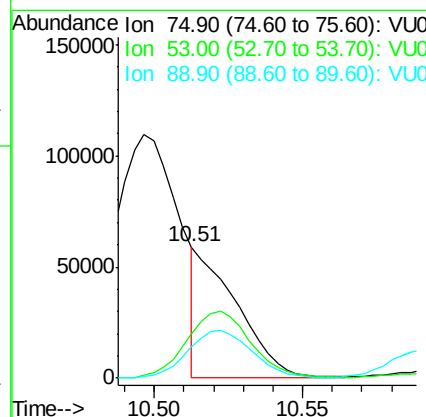
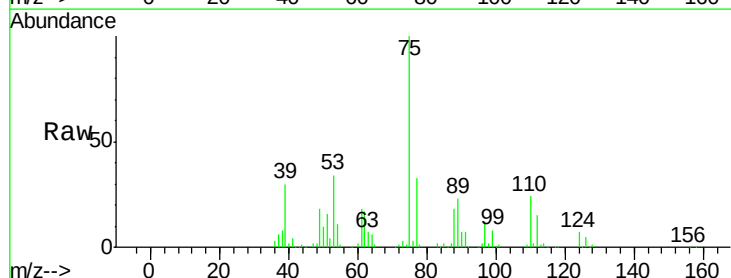
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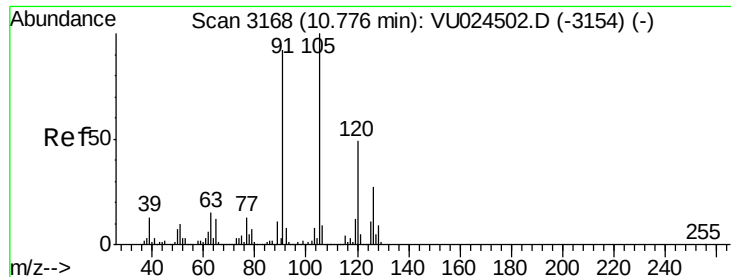
apatel
 6/26/2018 11:59:55 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 37.16 ug/l m
 RT: 10.51 min Scan# 3086
 Delta R.T. 0.00 min
 Lab File: VU024862.D
 Acq: 23 Jun 2018 03:30

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0





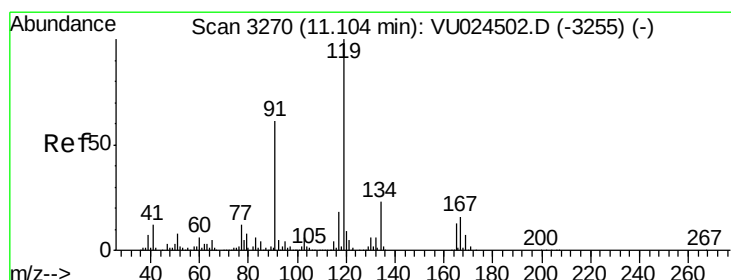
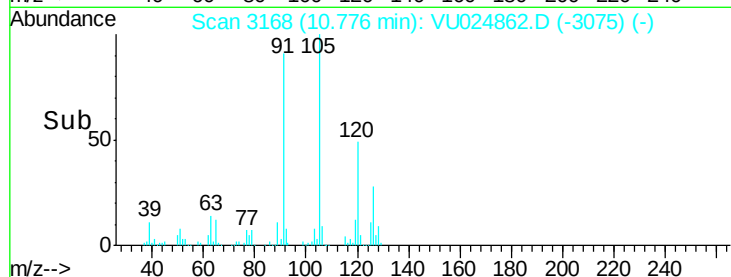
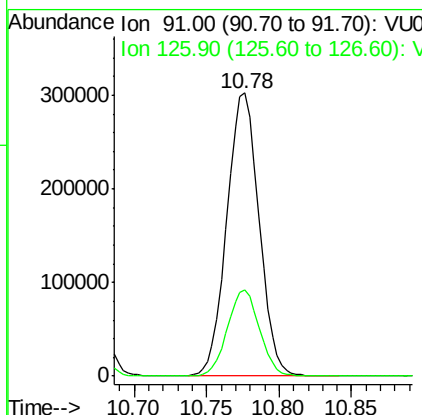
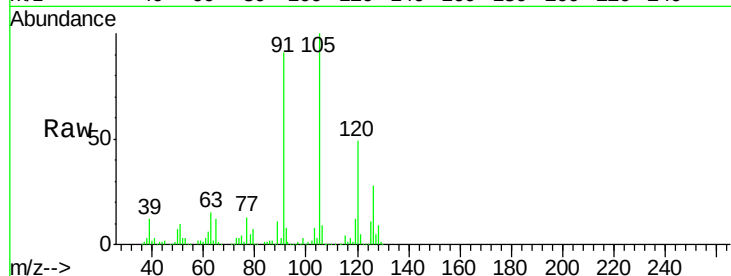
#82
4-Chlorotoluene
Concen: 47.89 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VU024862.D
Acq: 23 Jun 2018 03:30

Instrument :
MSVOA_U
ClientSampleId :
S32-0627MSD

Tot Ion	Ratio	Lower	Upper
91	100		
126	30.3	14.9	44.9

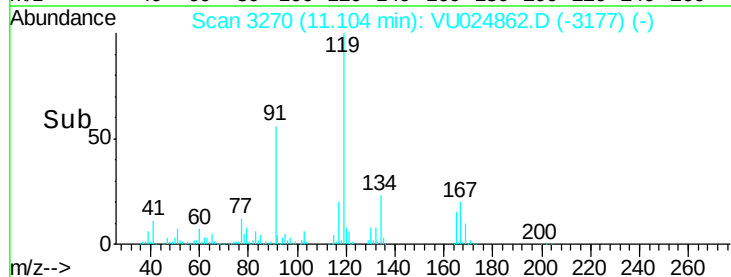
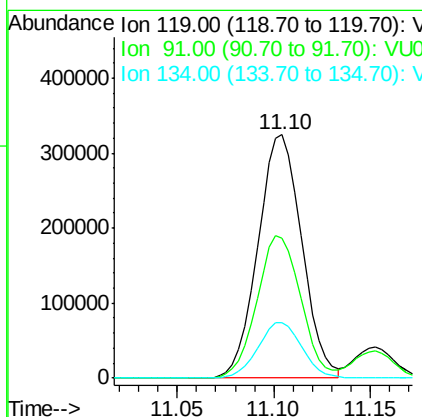
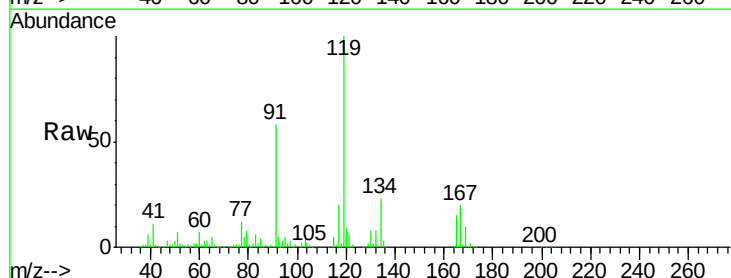
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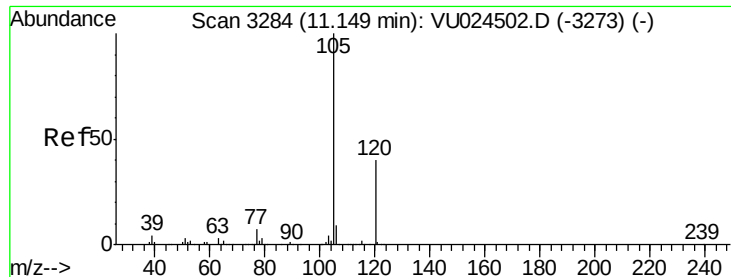
apatel
6/26/2018 11:59:55 AM



#83
tert-Butylbenzene
Concen: 51.07 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU024862.D
Acq: 23 Jun 2018 03:30

Tgt Ion	Ratio	Lower	Upper
119	100		
91	58.1	29.7	89.1
134	22.9	11.6	34.7





#84

1,2,4-Trimethylbenzene

Concen: 48.93 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Instrument :

MSVOA_U

ClientSampleId :

S32-0627MSD

Tot Ion:105 Resp: 519609

Ion Ratio Lower Upper

105 100

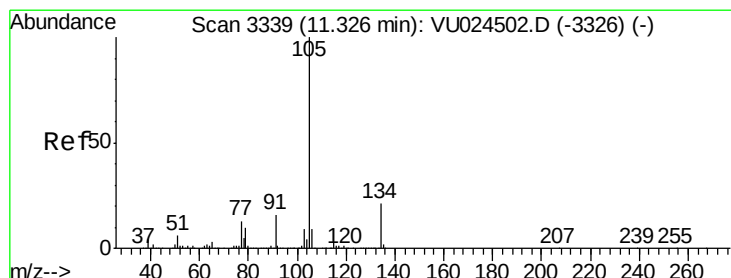
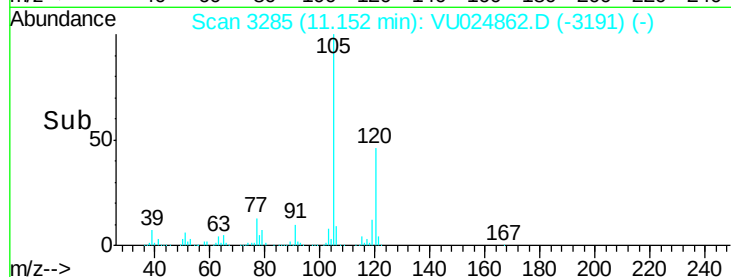
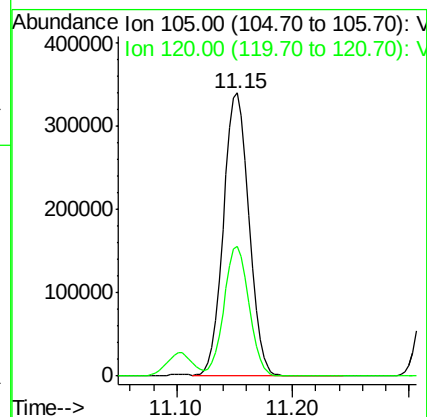
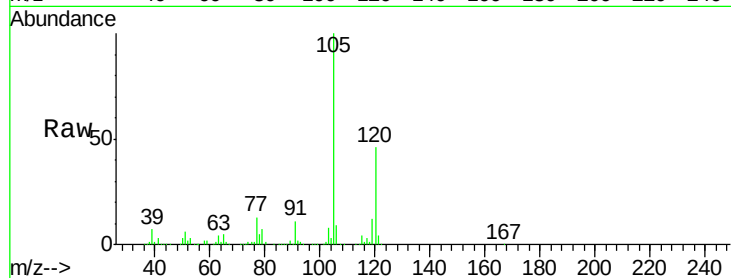
120 44.9 22.6 67.8

Manual Integrations

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#85

sec-Butylbenzene

Concen: 49.13 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU024862.D

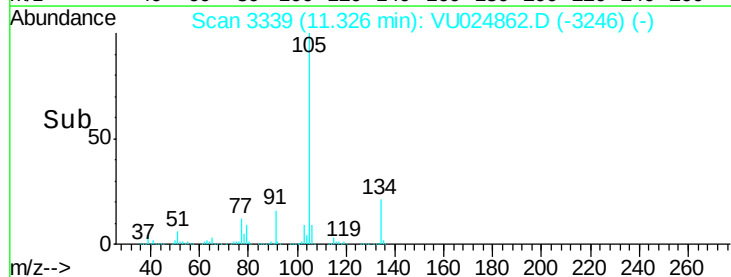
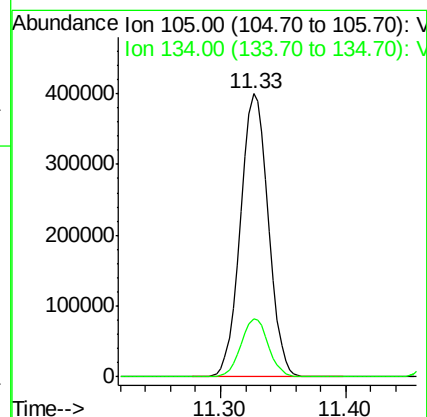
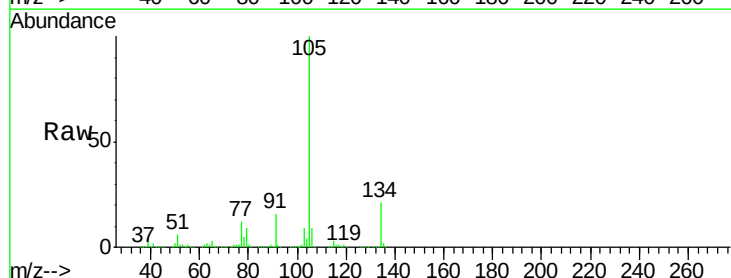
Acq: 23 Jun 2018 03:30

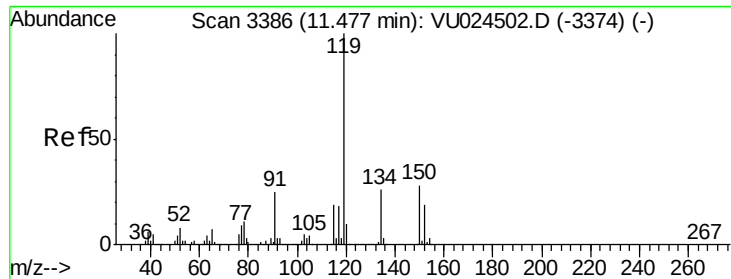
Tgt Ion:105 Resp: 616482

Ion Ratio Lower Upper

105 100

134 20.2 9.7 29.1





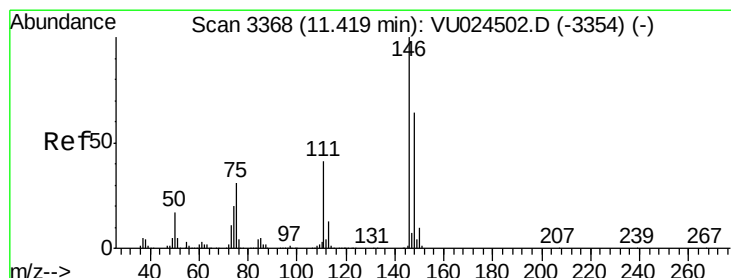
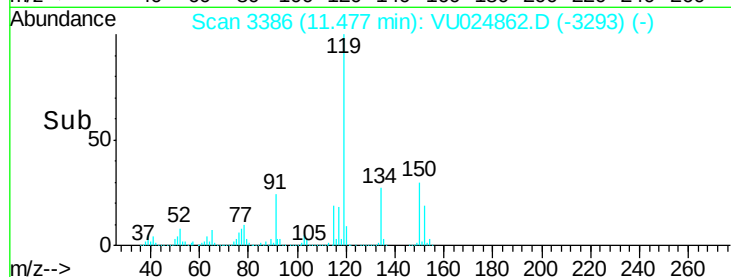
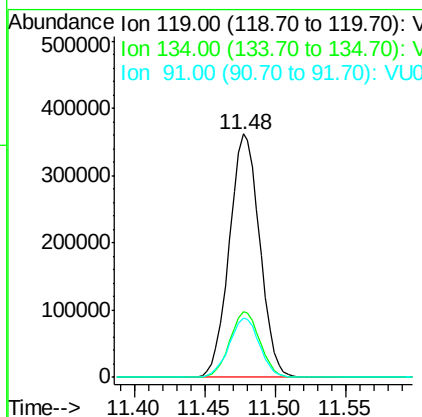
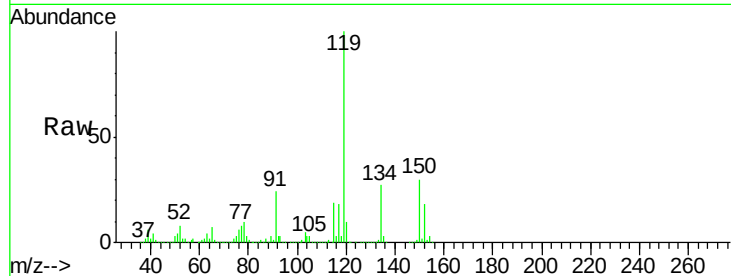
#86
 p-Isopropyltoluene
 Concen: 48.54 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU024862.D
 Acq: 23 Jun 2018 03:30

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0627MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	545396		
134	26.8	12.9	38.6	
91	24.4	12.0	36.1	

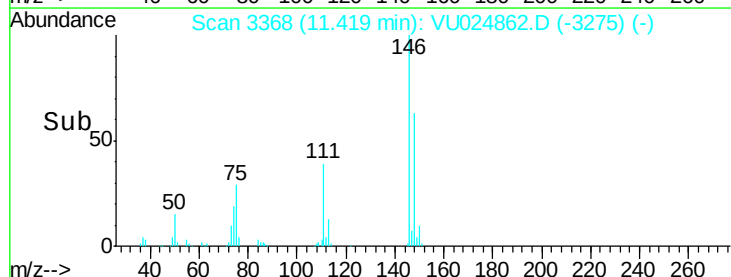
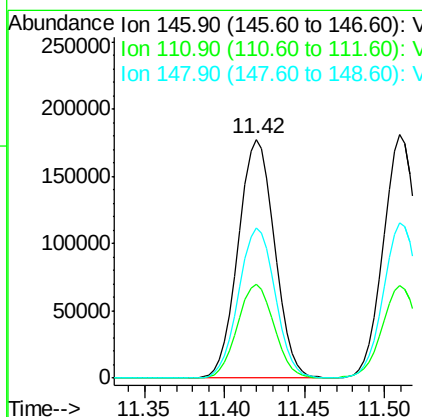
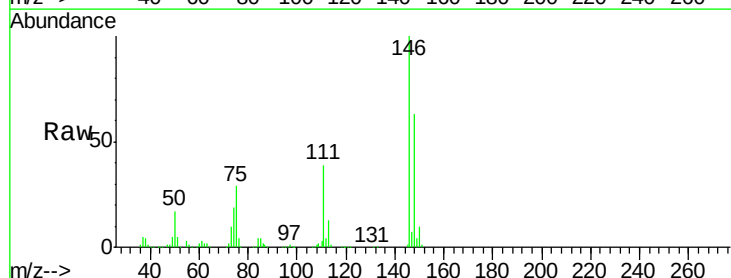
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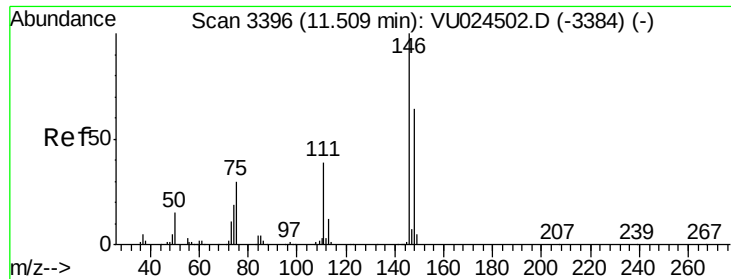
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#87
 1,3-Dichlorobenzene
 Concen: 48.94 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024862.D
 Acq: 23 Jun 2018 03:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	275183		
111	39.5	20.0	60.0	
148	63.3	32.1	96.5	





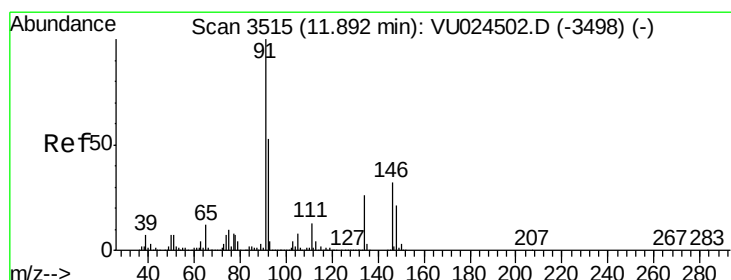
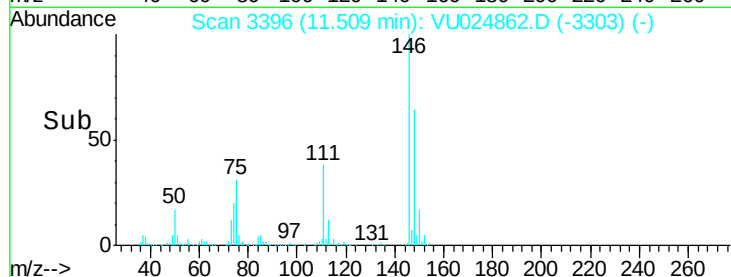
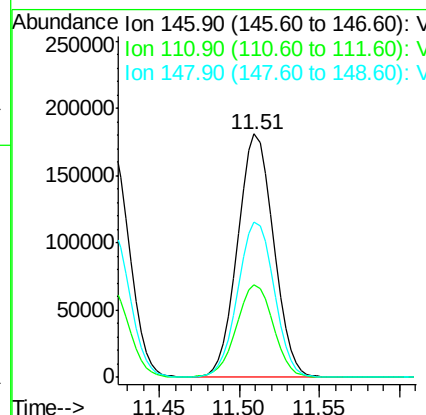
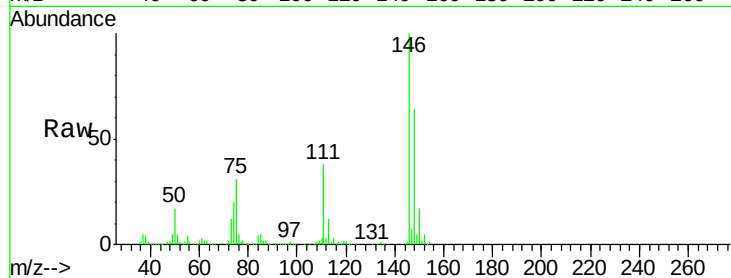
#88
 1,4-Dichlorobenzene
 Concen: 48.88 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024862.D
 Acq: 23 Jun 2018 03:30

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0627MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.5	58.5
148	65.0	32.4	97.0

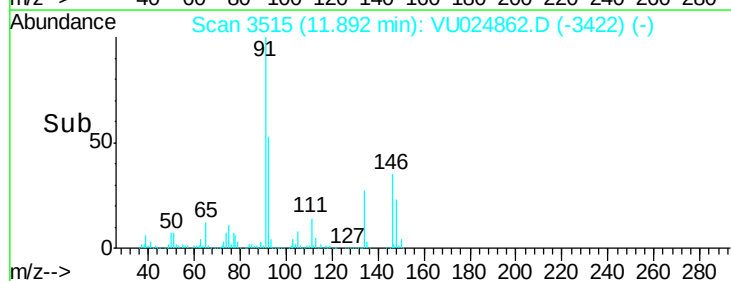
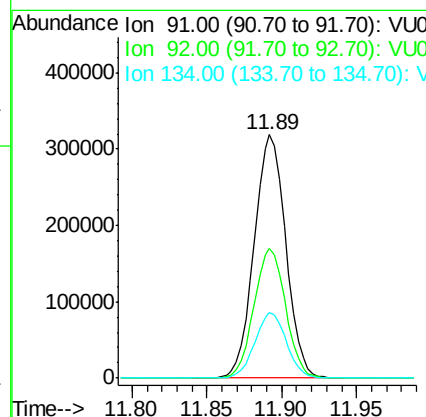
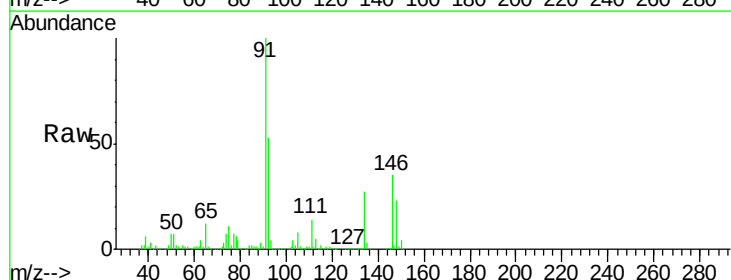
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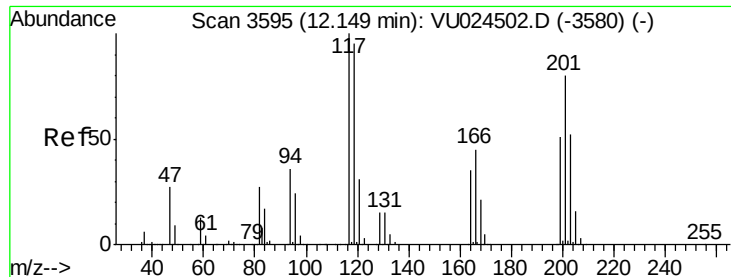
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#89
 n-Butylbenzene
 Concen: 46.94 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: VU024862.D
 Acq: 23 Jun 2018 03:30

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.3	25.6	76.8
134	26.9	12.3	36.8





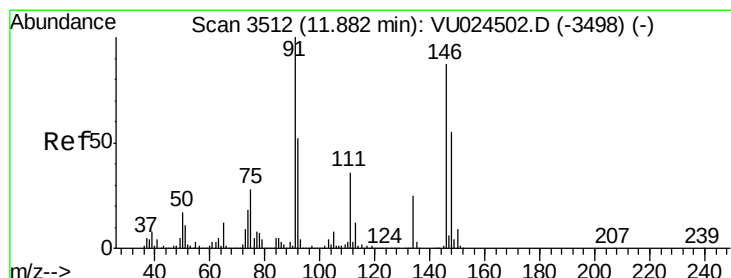
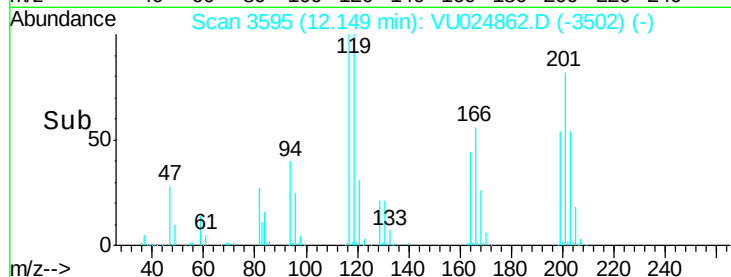
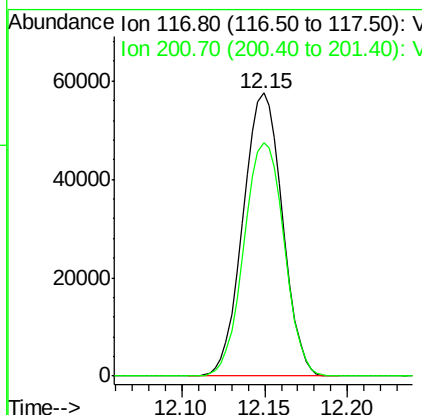
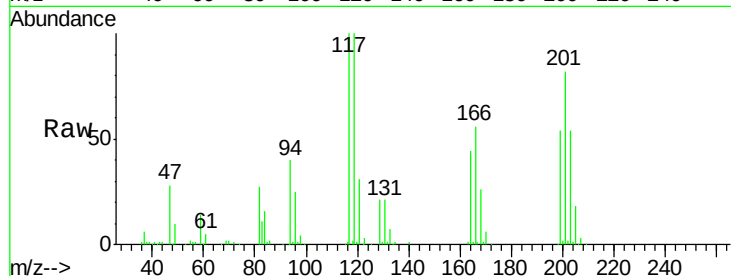
#90
Hexachloroethane
Concen: 43.51 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU024862.D
Acq: 23 Jun 2018 03:30

Instrument :
MSVOA_U
ClientSampleId :
S32-0627MSD

Tot Ion:117 Resp: 95381
Ion Ratio Lower Upper
117 100
201 84.4 41.1 123.3

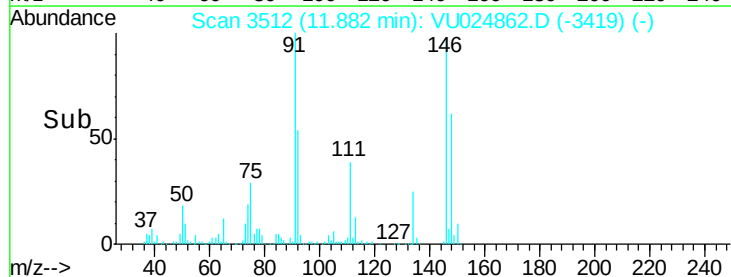
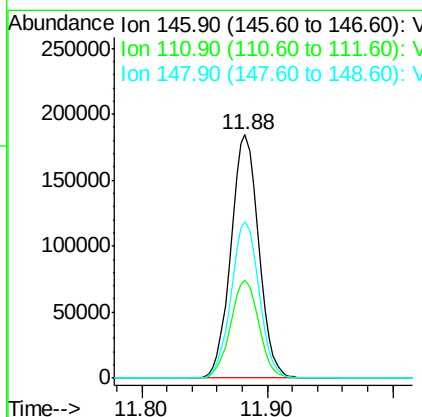
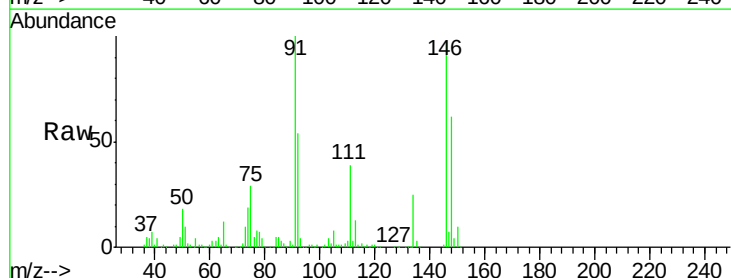
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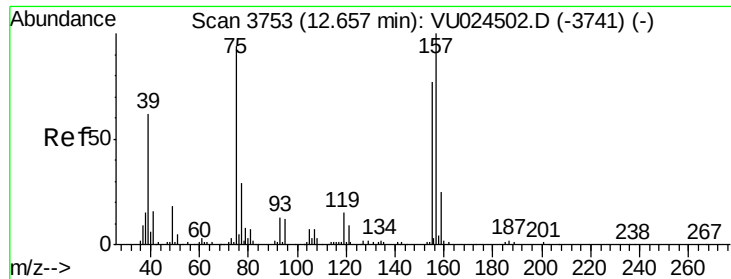
apatel
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#91
1,2-Dichlorobenzene
Concen: 50.37 ug/l
RT: 11.88 min Scan# 3512
Delta R.T. 0.00 min
Lab File: VU024862.D
Acq: 23 Jun 2018 03:30

Tgt Ion:146 Resp: 283679
Ion Ratio Lower Upper
146 100
111 40.8 20.5 61.6
148 64.7 31.9 95.7





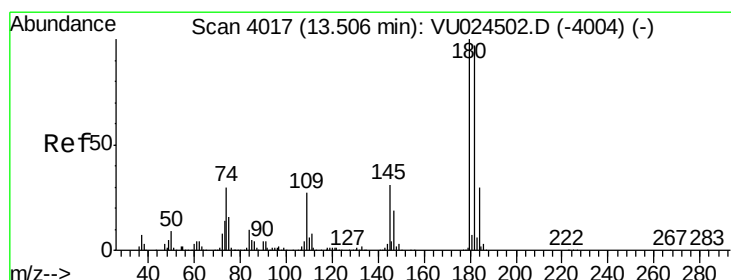
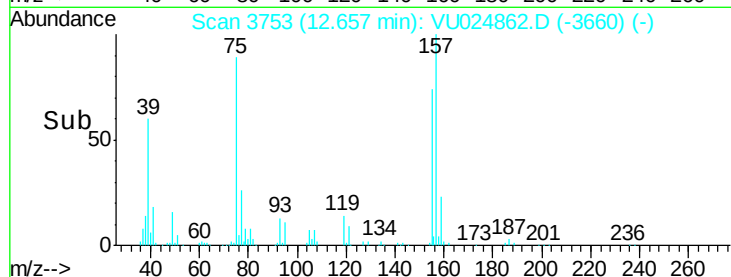
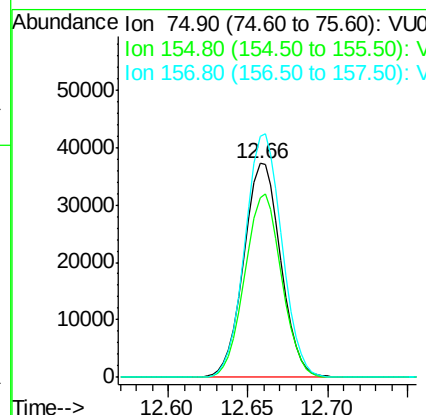
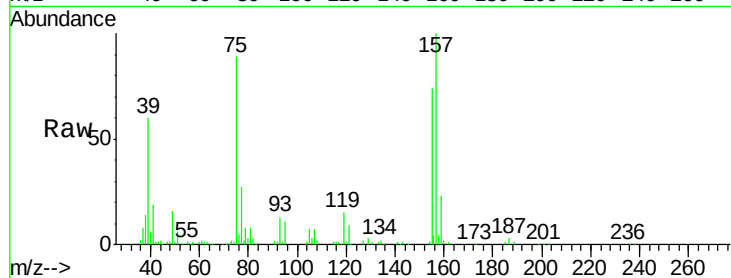
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.72 ug/l
 RT: 12.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VU024862.D
 Acq: 23 Jun 2018 03:30

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0627MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	85.2	40.4	121.2
157	113.3	52.3	156.8

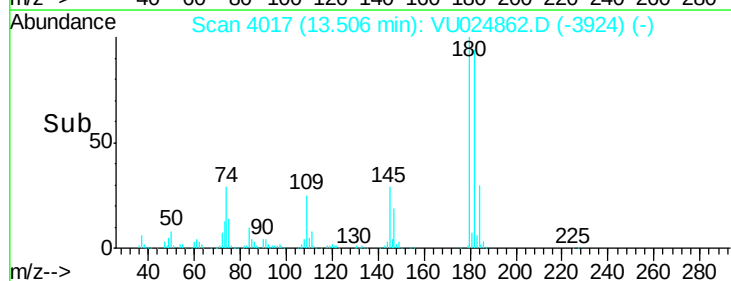
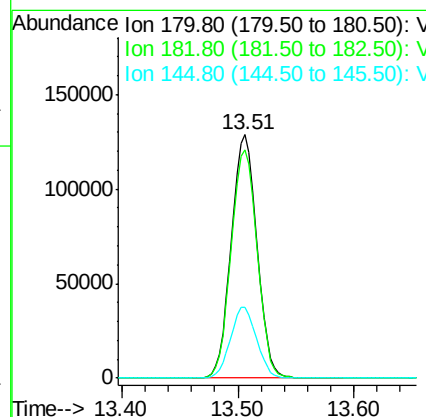
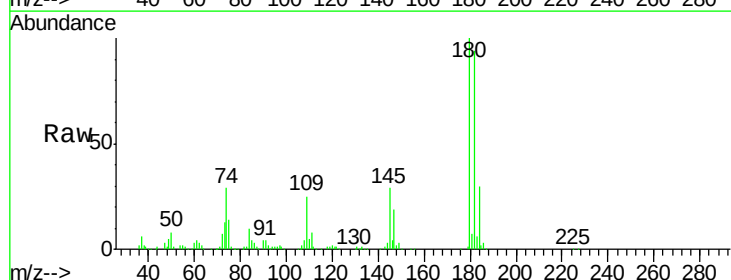
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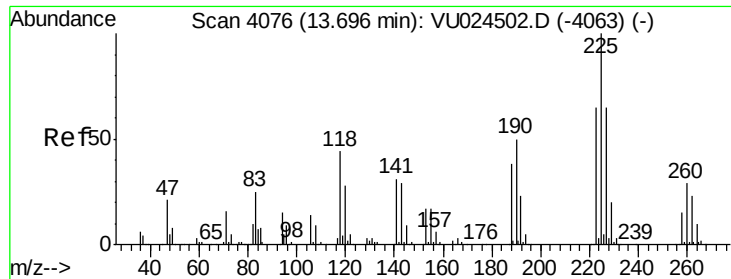
apatel
 6/26/2018 11:59:55 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 56.35 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024862.D
 Acq: 23 Jun 2018 03:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.0	144.2
145	29.5	14.7	44.1





#94

Hexachlorobutadiene

Concen: 50.70 ug/l

RT: 13.70 min Scan# 4076

Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Instrument :

MSVOA_U

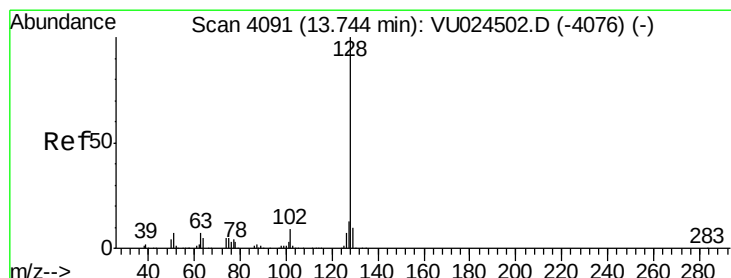
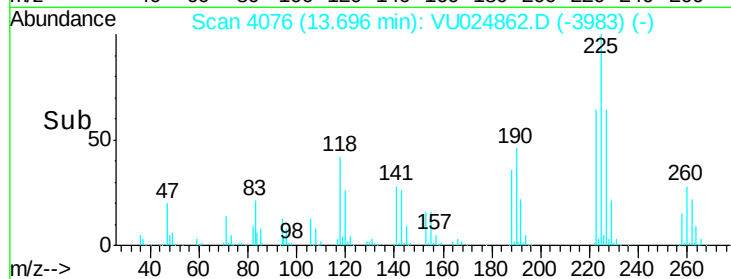
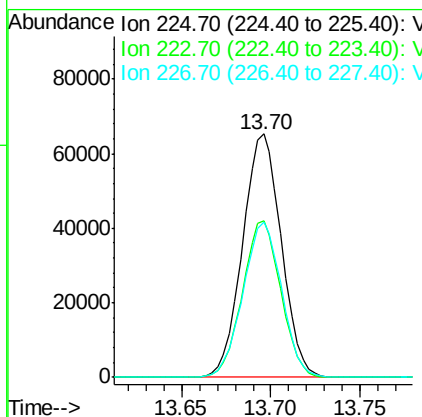
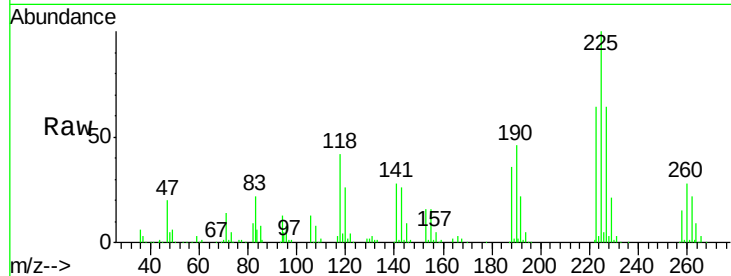
ClientSampleId :

S32-0627MSD

Tot Ion:	225	Resp:	99259
Ion Ratio	Lower	Upper	
225	100		
223	63.6	31.3	93.8
227	63.6	31.8	95.4

Manual Integrations
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#95

Naphthalene

Concen: 59.14 ug/l

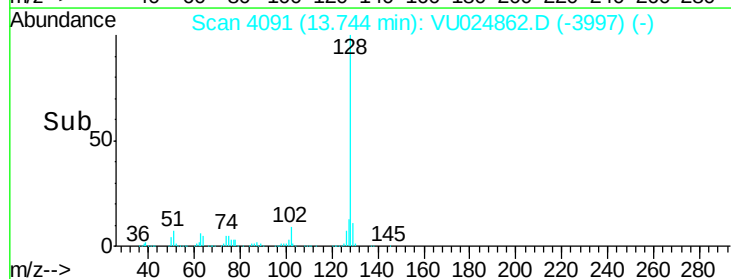
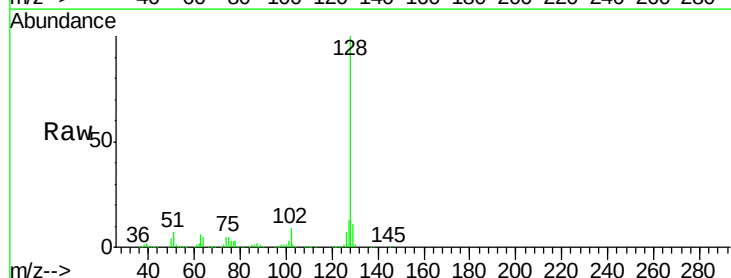
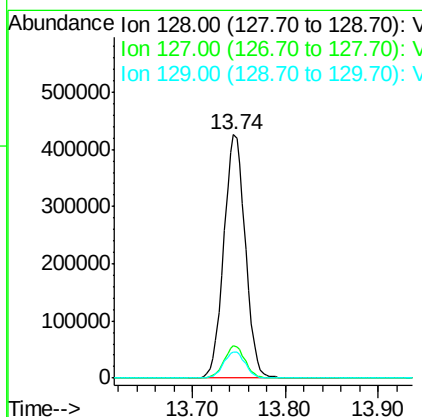
RT: 13.74 min Scan# 4091

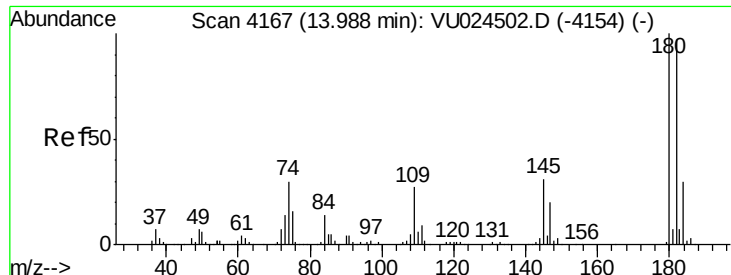
Delta R.T. 0.00 min

Lab File: VU024862.D

Acq: 23 Jun 2018 03:30

Tgt Ion:	128	Resp:	682343
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	10.8	8.6	12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 59.35 ug/l
 RT: 13.99 min Scan# 4167
 Delta R.T. 0.00 min
 Lab File: VU024862.D
 Acq: 23 Jun 2018 03:30

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0627MSD

Tot Ion:	180	Resp:	205699
Ion Ratio	Lower	Upper	
180	100		
182	96.8	47.9	143.7
145	31.9	15.4	46.1

Manual Integrations
 APPROVED

apatel
 6/26/2018 11:59:55 AM

