

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062718\
 Data File : VU024984.D
 Acq On : 27 Jun 2018 22:55
 Operator : MD/SY
 Sample : VU0627MBSD04
 Misc : 5.00µg/10mL/100µL/5.00ML/MSVOA_U/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD04

Manual Integrations
 APPROVED

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 6/28/2018 4:37:04 PM

Quant Time: Jun 28 05:14:19 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	179076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	278295	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	253629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149830	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	143217	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
35) Dibromofluoromethane	4.89	113	114090	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
50) Toluene-d8	7.57	98	386197	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
62) 4-Bromofluorobenzene	10.31	95	157796	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	36971	16.49	ug/l	95
3) Chloromethane	1.33	50	40957	17.89	ug/l	98
4) Vinyl Chloride	1.40	62	43772	18.53	ug/l	100
5) Bromomethane	1.62	94	28195	24.70	ug/l	96
6) Chloroethane	1.70	64	27537	20.24	ug/l	98
7) Trichlorofluoromethane	1.89	101	71966	19.97	ug/l	99
8) Diethyl Ether	2.10	74	27742	21.55	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	41889	18.73	ug/l	97
10) Methyl Iodide	2.41	142	46747	27.38	ug/l	99
11) Tert butyl alcohol	2.82	59	67184	94.49	ug/l	100
12) 1,1-Dichloroethene	2.29	96	38898	19.08	ug/l	93
13) Acrolein	2.19	56	19666	52.67	ug/l	94
14) Allyl chloride	2.60	41	69863	18.45	ug/l	95
15) Acrylonitrile	2.94	53	137389	99.32	ug/l	98
16) Acetone	2.32	43	129821	82.65	ug/l	97
17) Carbon Disulfide	2.48	76	112299	17.20	ug/l	99
18) Methyl Acetate	2.62	43	79225	23.53	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	155406	20.28	ug/l	95
20) Methylene Chloride	2.70	84	49381	20.04	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	43172	19.22	ug/l	95
22) Diisopropyl ether	3.57	45	148427	19.78	ug/l	92
23) Vinyl Acetate	3.53	43	620663	92.32	ug/l	99
24) 1,1-Dichloroethane	3.45	63	86334	20.00	ug/l	99
25) 2-Butanone	4.26	43	196116	92.95	ug/l	97
26) 2,2-Dichloropropane	4.23	77	67902	16.56	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	51616	19.99	ug/l	99
28) Bromochloromethane	4.55	49	37579	19.76	ug/l	87
29) Tetrahydrofuran	4.63	42	125559	96.10	ug/l	96
30) Chloroform	4.68	83	90154	20.63	ug/l	99
31) Cyclohexane	5.00	56	79783	19.61	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	82254	20.35	ug/l	96
36) 1,1-Dichloropropene	5.14	75	63227	19.33	ug/l	98
37) Ethyl Acetate	4.38	43	71272	20.00	ug/l	98
38) Carbon Tetrachloride	5.14	117	70564	19.62	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	78304	19.19	ug/l	94
40) Benzene	5.39	78	188162	20.19	ug/l	99
41) Methacrylonitrile	4.55	41	41320	21.50	ug/l	99
42) 1,2-Dichloroethane	5.41	62	75689	21.33	ug/l	100
43) Isopropyl Acetate	5.55	43	115663	18.77	ug/l	98
44) Trichloroethene	6.19	130	50137	18.91	ug/l	98
45) 1,2-Dichloropropane	6.44	63	50734	20.41	ug/l	95
46) Dibromomethane	6.56	93	35476	20.31	ug/l	94
47) Bromodichloromethane	6.76	83	68265	19.63	ug/l	100
48) Methyl methacrylate	6.63	41	60842	20.28	ug/l	97
49) 1,4-Dioxane	6.62	88	27113	462.13	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	377904	97.63	ug/l	97
52) Toluene	7.64	92	118298	19.73	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	72262	18.50	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	74836	17.98	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	48908	20.07	ug/l	98
56) Ethyl methacrylate	8.02	69	78234	19.18	ug/l	100
57) 1,3-Dichloropropane	8.25	76	82581	20.09	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	41246	26.40	ug/l	96
59) 2-Hexanone	8.36	43	295898	93.64	ug/l	99
60) Dibromochloromethane	8.48	129	54644	17.98	ug/l	100
61) 1,2-Dibromoethane	8.59	107	53368	19.68	ug/l	99
64) Tetrachloroethene	8.23	164	50577	20.98	ug/l	98
65) Chlorobenzene	9.12	112	136339	21.04	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	50837	20.65	ug/l	97
67) Ethyl Benzene	9.25	91	234334	20.63	ug/l	99
68) m/p-Xylenes	9.38	106	182054	41.74	ug/l	97
69) o-Xylene	9.78	106	91964	21.30	ug/l	95
70) Styrene	9.80	104	141291	19.92	ug/l	99
71) Bromoform	9.96	173	42297	18.08	ug/l #	98
73) Isopropylbenzene	10.17	105	243090	21.13	ug/l	100
74) N-amyl acetate	10.01	43	100985	18.46	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	79874	20.72	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	70873m	21.49	ug/l	
77) Bromobenzene	10.45	156	61429	21.09	ug/l	94
78) n-propylbenzene	10.59	91	271953	20.07	ug/l	98
79) 2-Chlorotoluene	10.66	91	167848	21.00	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	207039	20.77	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	24571m	17.24	ug/l	
82) 4-Chlorotoluene	10.78	91	191198	20.56	ug/l	100
83) tert-Butylbenzene	11.10	119	206336	21.51	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	207640	20.44	ug/l	100
85) sec-Butylbenzene	11.33	105	243325	20.27	ug/l	99
86) p-Isopropyltoluene	11.48	119	215679	20.06	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	108627	20.19	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	109138	20.15	ug/l	99
89) n-Butylbenzene	11.89	91	166374	17.43	ug/l	97
90) Hexachloroethane	12.15	117	37468	17.86	ug/l	95
91) 1,2-Dichlorobenzene	11.88	146	113195	21.00	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	20993	19.74	ug/l	99

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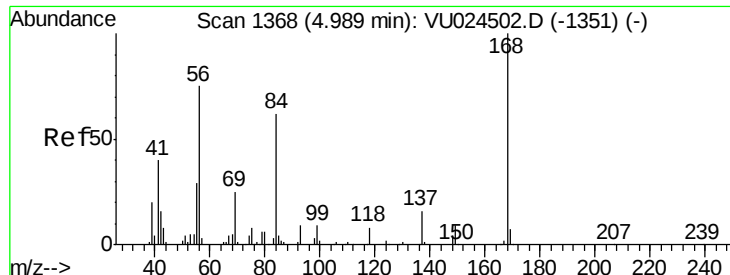
Manual Integrations
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6/28/2018 4:37:04 PM

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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)
93) 1,2,4-Trichlorobenzene	13.51	180	70075	21.06	ug/l	98
94) Hexachlorobutadiene	13.70	225	38285	20.44	ug/l	99
95) Naphthalene	13.74	128	240114	22.18	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	74212	22.38	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: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD04

Tot Ion:168 Resp: 179076

Ion Ratio Lower Upper

168 100

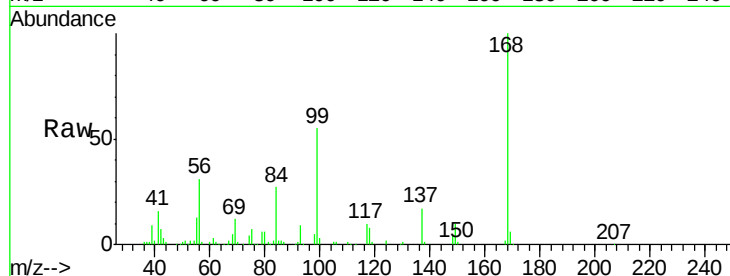
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Manual Integrations

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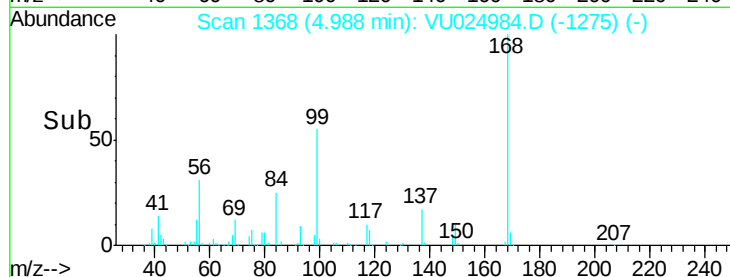
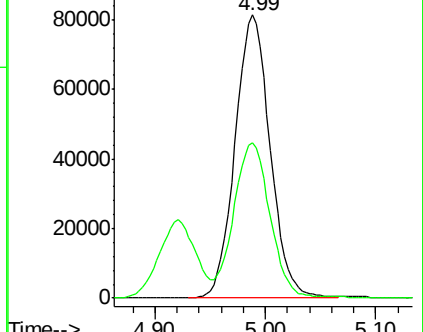
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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

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



#2

Dichlorodifluoromethane

Concen: 16.49 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU024984.D

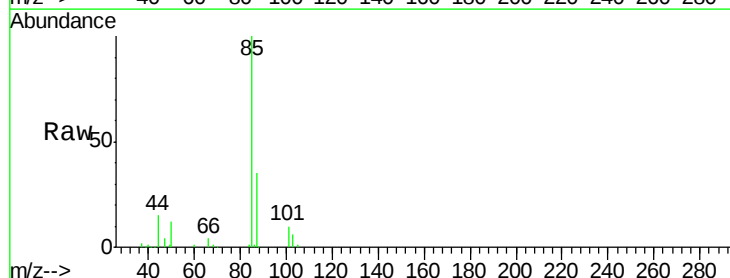
Acq: 27 Jun 2018 22:55

Tgt Ion: 85 Resp: 36971

Ion Ratio Lower Upper

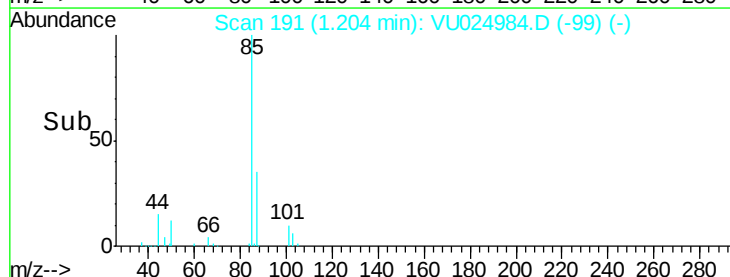
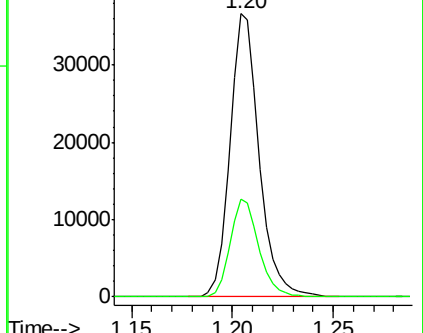
85 100

87 34.6 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: 17.89 ug/l

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD04

Tot Ion: 50 Resp: 40957

Ion Ratio Lower Upper

50 100

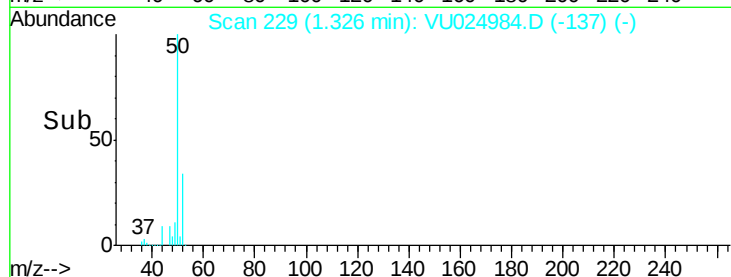
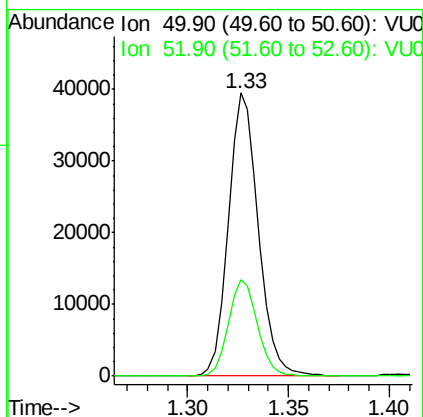
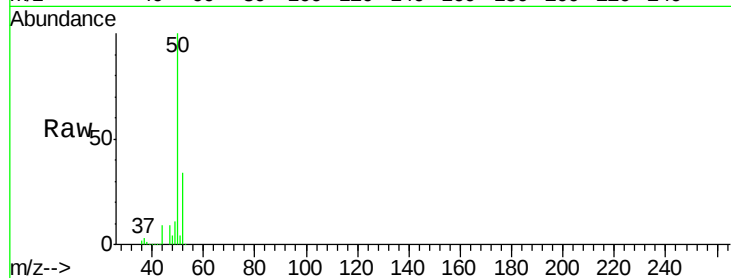
52 34.2 26.4 39.6

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#4

Vinyl Chloride

Concen: 18.53 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024984.D

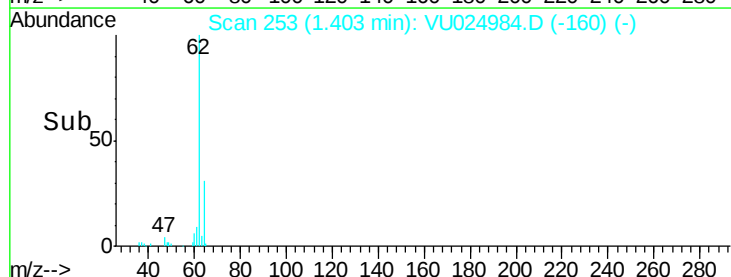
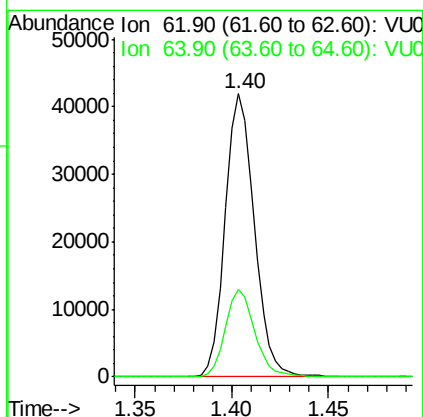
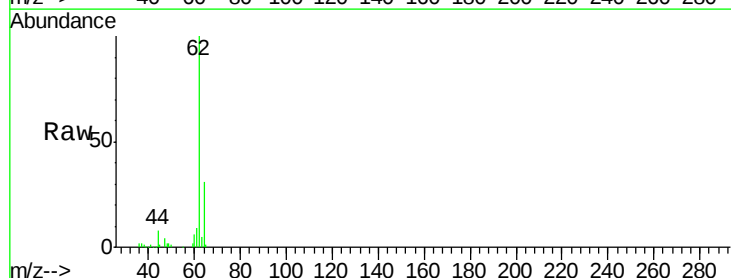
Acq: 27 Jun 2018 22:55

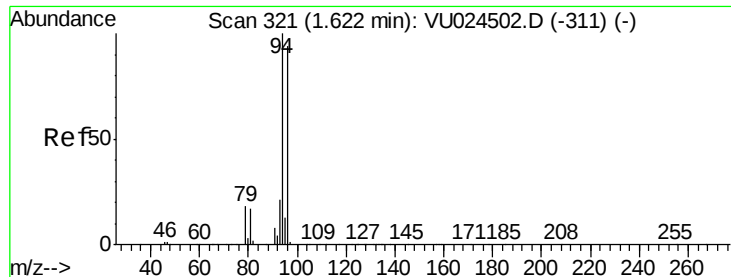
Tgt Ion: 62 Resp: 43772

Ion Ratio Lower Upper

62 100

64 31.0 24.8 37.2





#5

Bromomethane

Concen: 24.70 ug/l

RT: 1.62 min Scan# 320

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD04

Tot Ion: 94 Resp: 28195

Ion Ratio Lower Upper

94 100

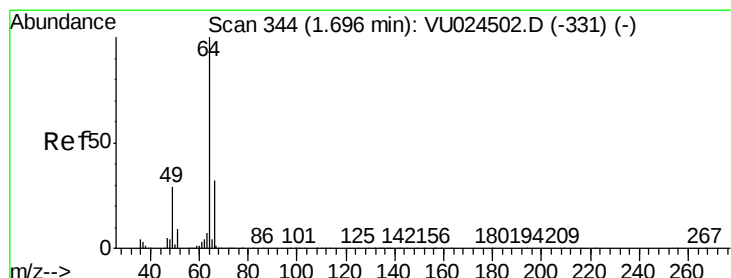
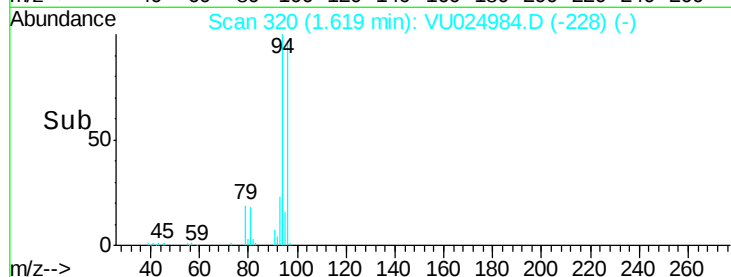
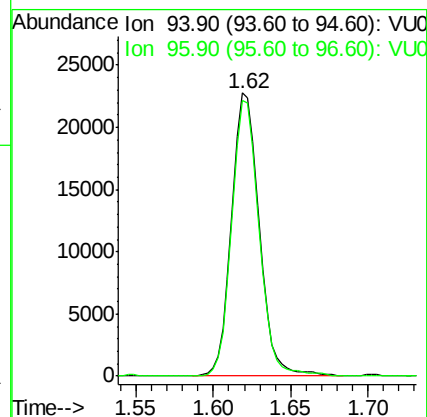
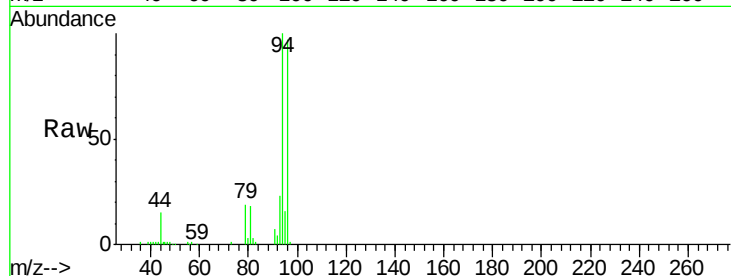
96 97.3 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 20.24 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU024984.D

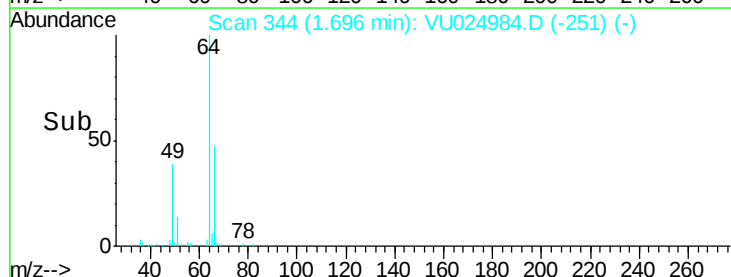
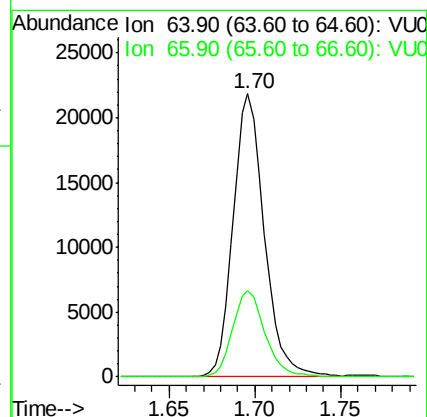
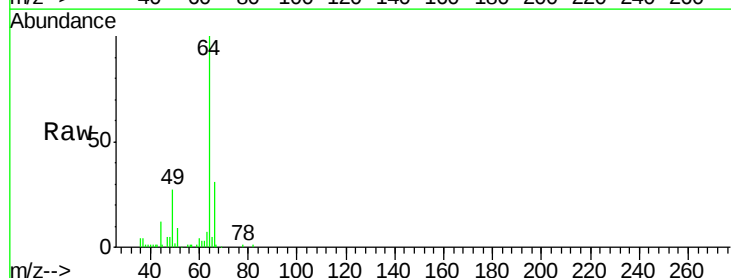
Acq: 27 Jun 2018 22:55

Tgt Ion: 64 Resp: 27537

Ion Ratio Lower Upper

64 100

66 30.6 25.5 38.3





#7

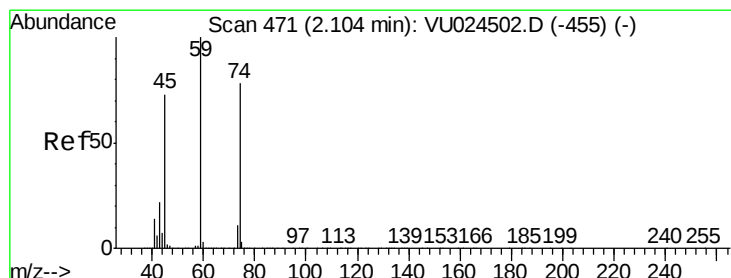
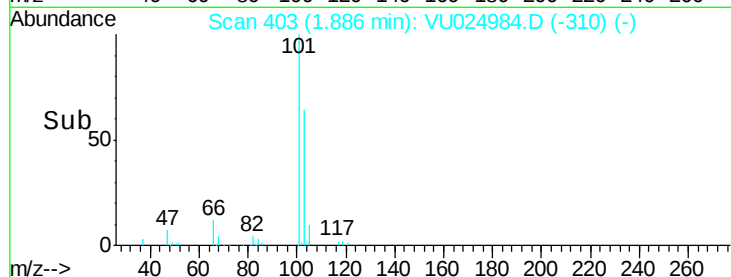
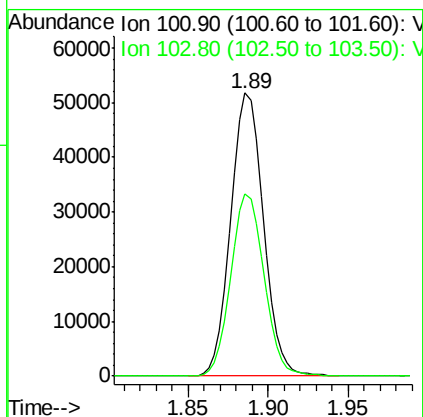
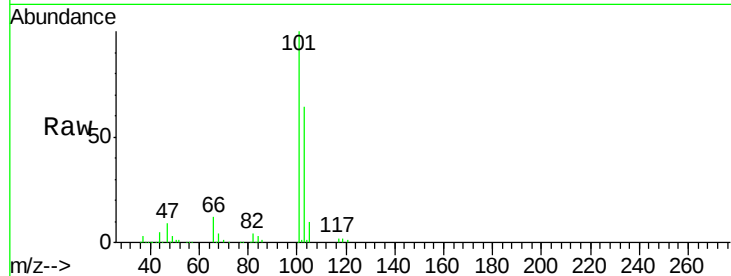
Trichlorofluoromethane
 Concen: 19.97 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: VU024984.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.3	78.5

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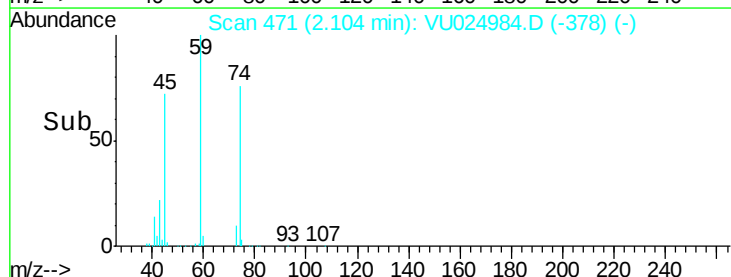
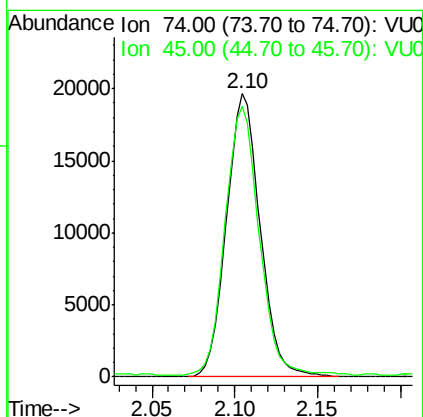
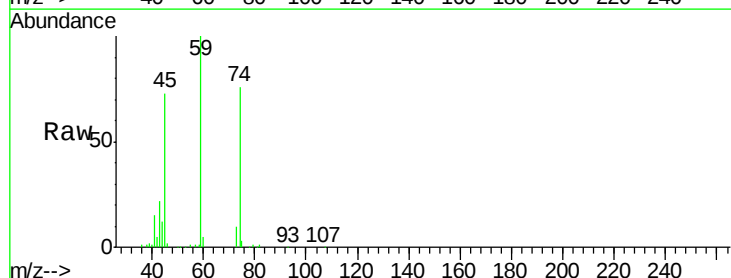
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#8

Diethyl Ether
 Concen: 21.55 ug/l
 RT: 2.10 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.2	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.73 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

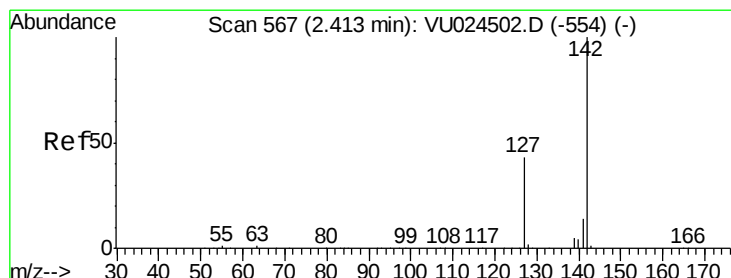
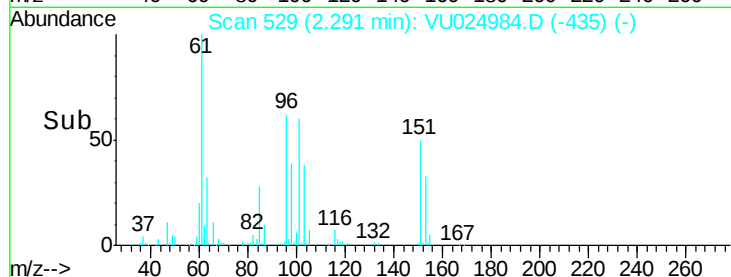
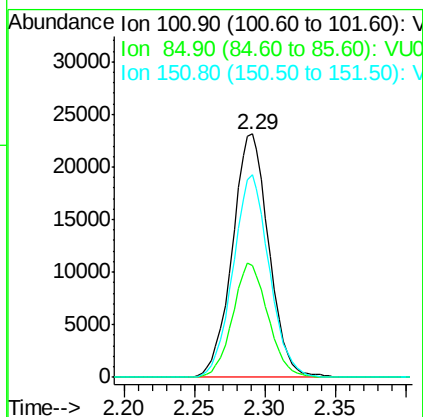
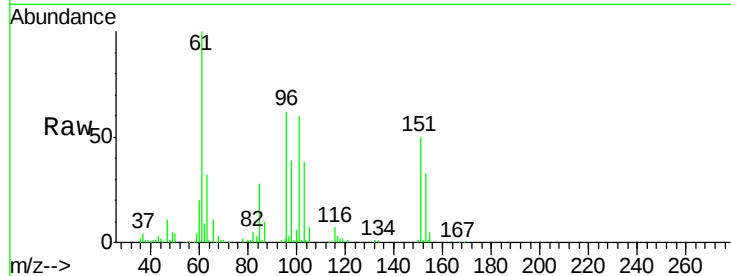
ClientSampleId :

VU0627MBSD04

Tot Ion:	101	Resp:	41889
Ion Ratio	Lower	Upper	
101	100		
85	45.2	36.0	54.0
151	82.4	62.3	93.5

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#10

Methyl Iodide

Concen: 27.38 ug/l

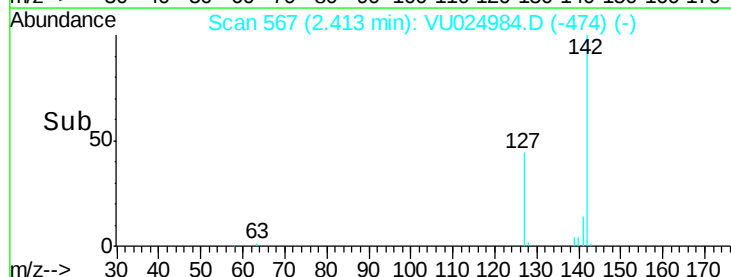
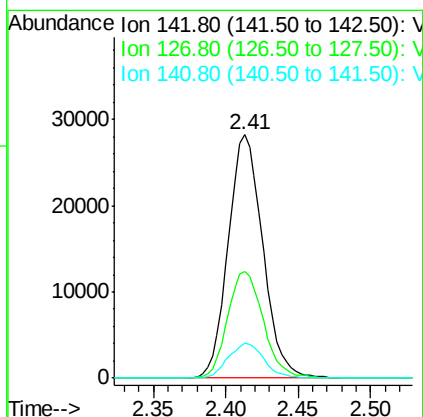
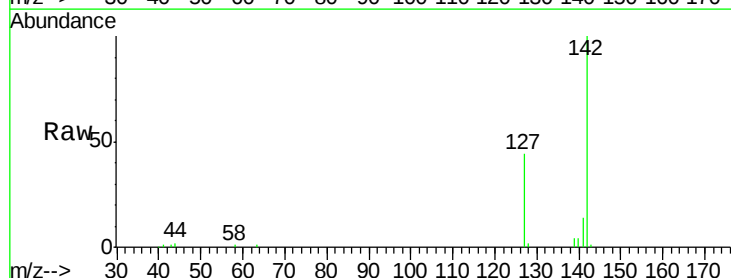
RT: 2.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Tgt Ion:	142	Resp:	46747
Ion Ratio	Lower	Upper	
142	100		
127	45.2	35.6	53.4
141	14.6	11.7	17.5





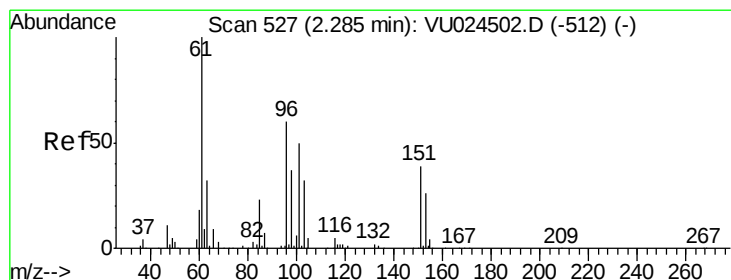
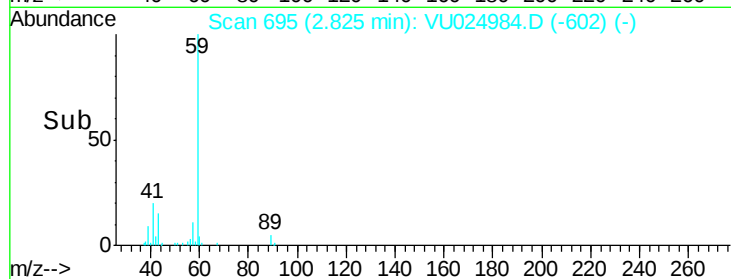
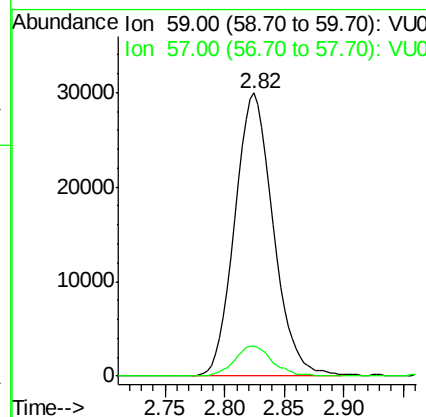
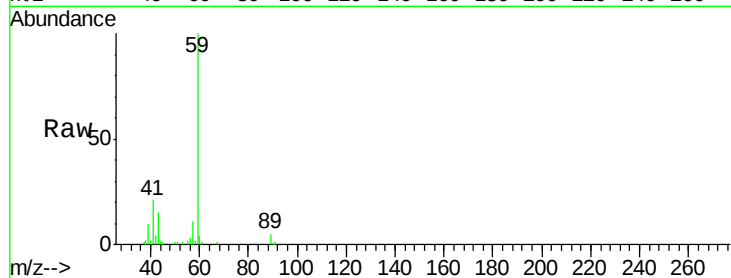
#11
Tert butyl alcohol
Concen: 94.49 ug/l
RT: 2.82 min Scan# 695
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD04

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

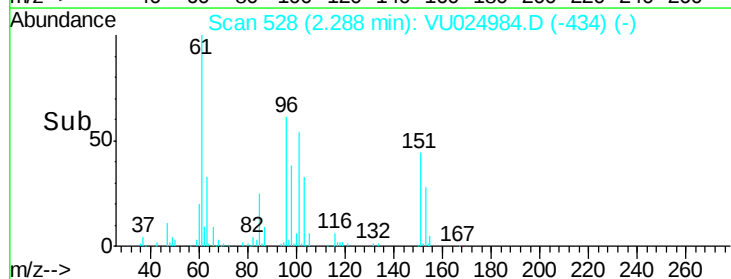
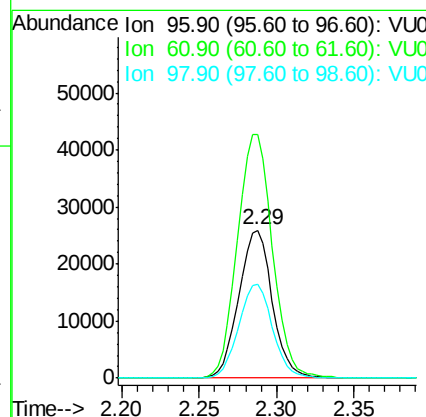
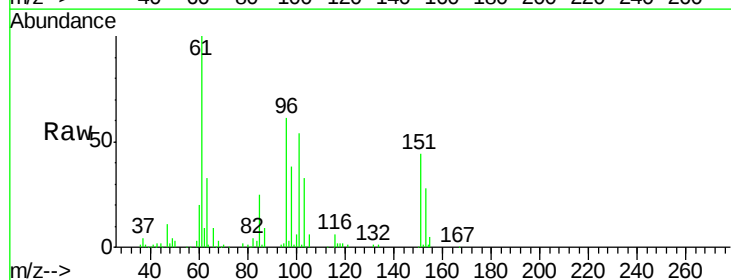
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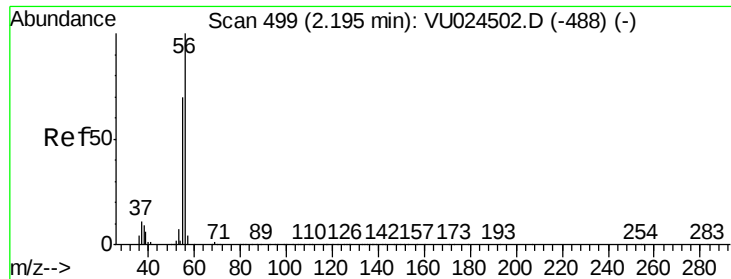
MMDadoda
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#12
1,1-Dichloroethene
Concen: 19.08 ug/l
RT: 2.29 min Scan# 528
Delta R.T. 0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.1	141.7	212.5
98	63.2	51.6	77.4





#13

Acrolein

Concen: 52.67 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD04

Tot Ion: 56 Resp: 19666

Ion Ratio Lower Upper

56 100

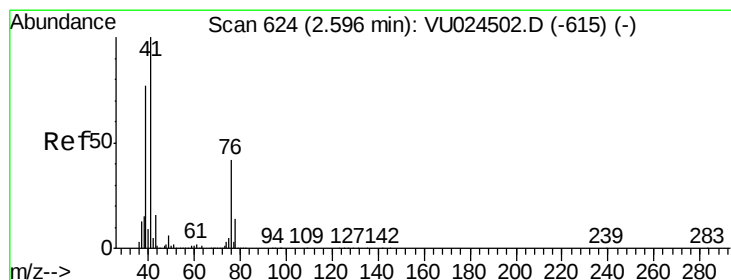
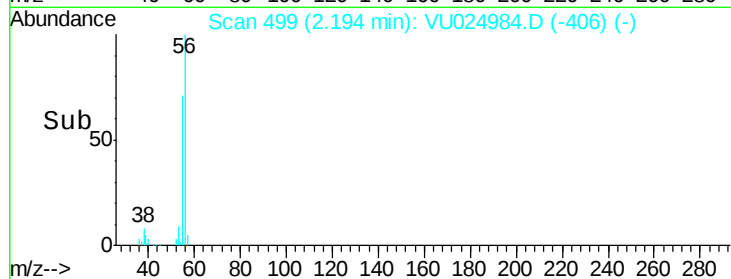
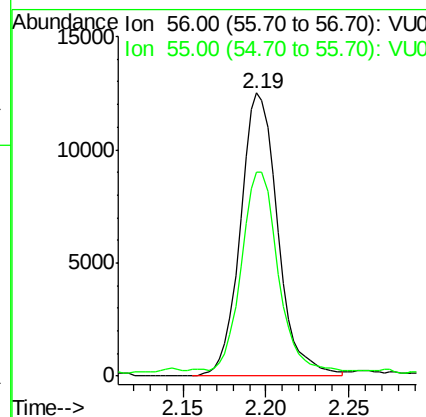
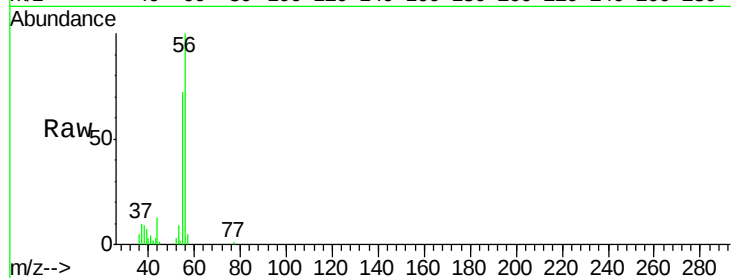
55 67.8 58.4 87.6

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#14

Allyl chloride

Concen: 18.45 ug/l

RT: 2.60 min Scan# 624

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

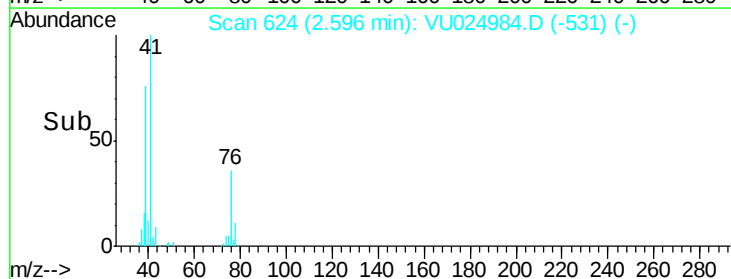
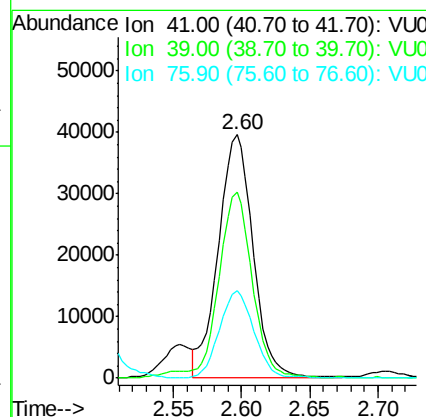
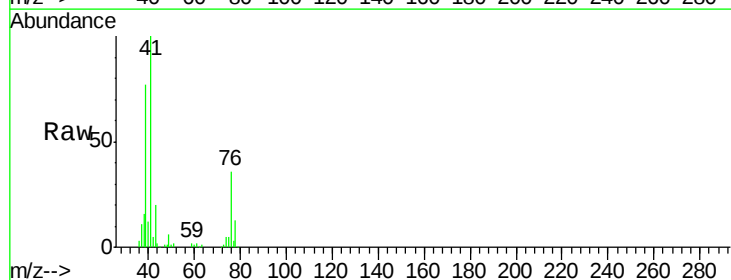
Tgt Ion: 41 Resp: 69863

Ion Ratio Lower Upper

41 100

39 72.7 61.6 92.4

76 34.7 29.7 44.5





#15

Acrylonitrile

Concen: 99.32 ug/l

RT: 2.94 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

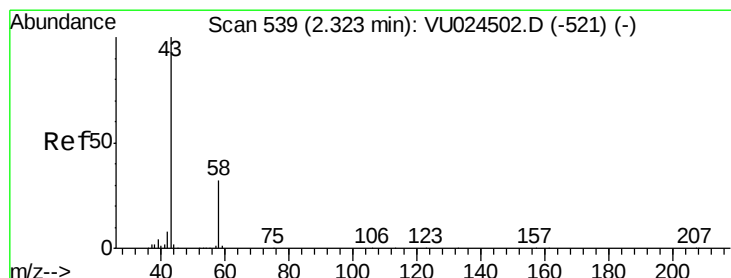
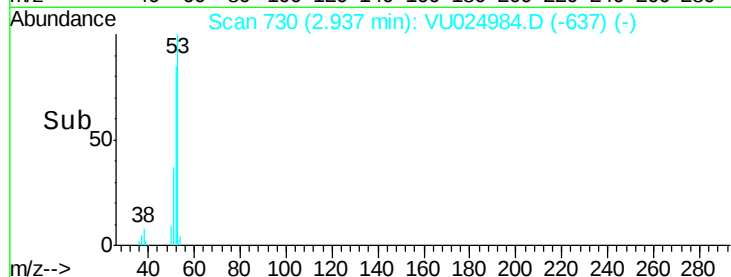
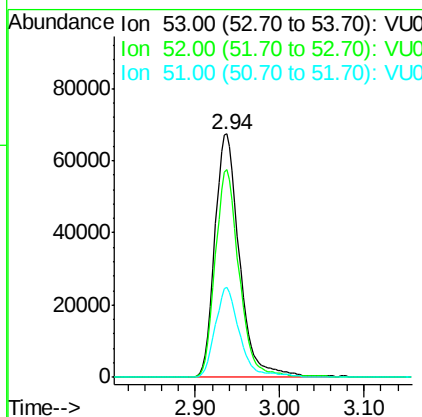
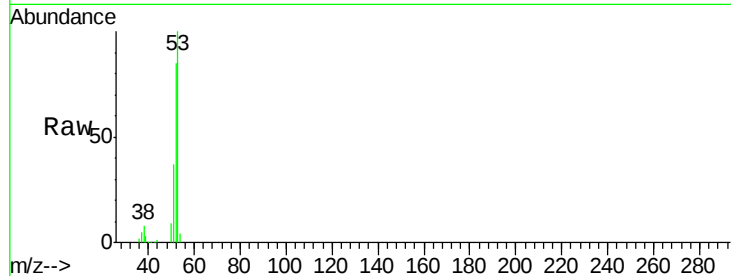
ClientSampleId :

VU0627MBSD04

Tot Ion:	53	Resp:	137389
Ion	Ratio	Lower	Upper
53	100		
52	82.6	67.1	100.7
51	36.9	28.4	42.6

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#16

Acetone

Concen: 82.65 ug/l

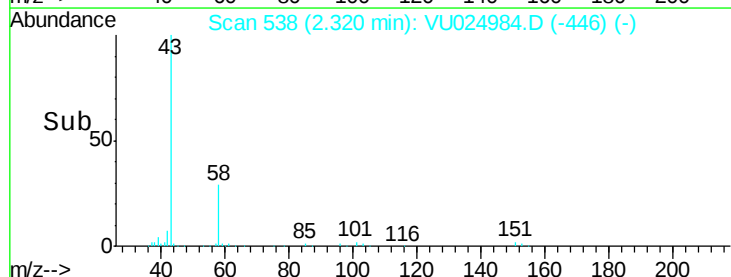
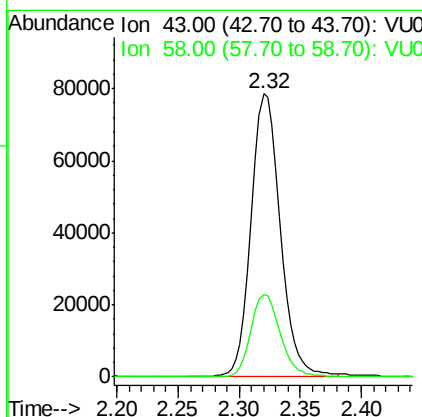
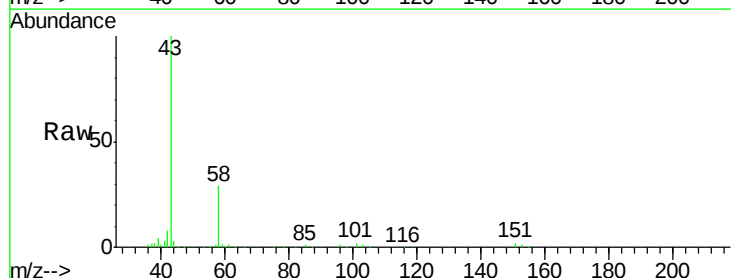
RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Tgt Ion:	43	Resp:	129821
Ion	Ratio	Lower	Upper
43	100		
58	28.9	24.4	36.6





#17

Carbon Disulfide

Concen: 17.20 ug/l

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD04

Tot Ion: 76 Resp: 112299

Ion Ratio Lower Upper

76 100

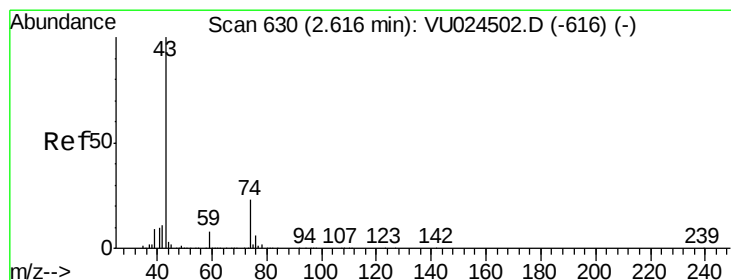
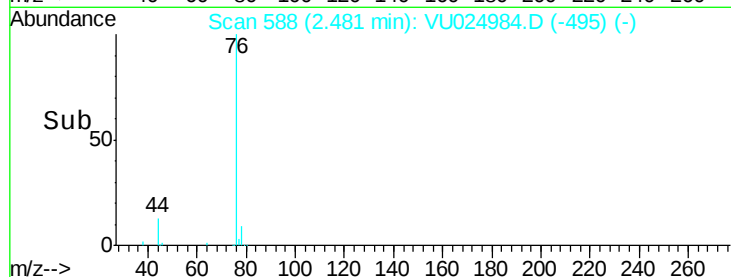
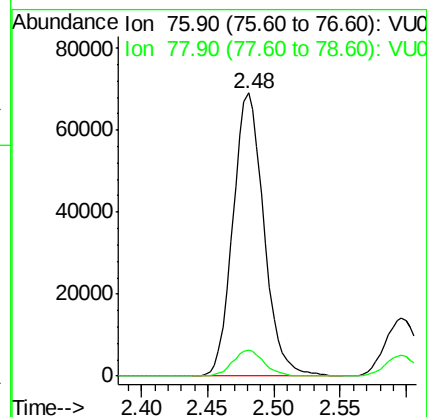
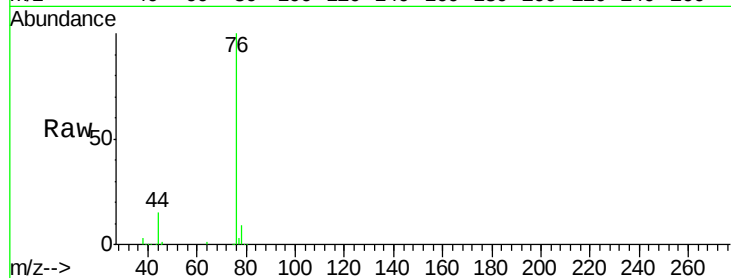
78 9.2 7.1 10.7

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#18

Methyl Acetate

Concen: 23.53 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU024984.D

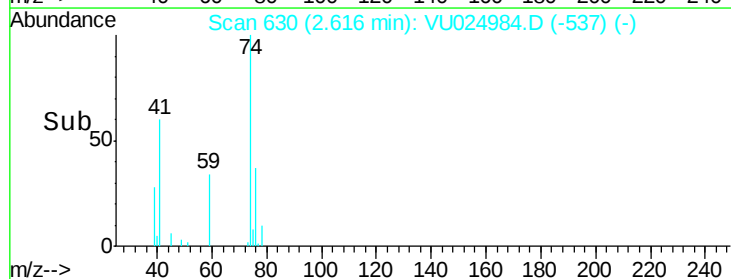
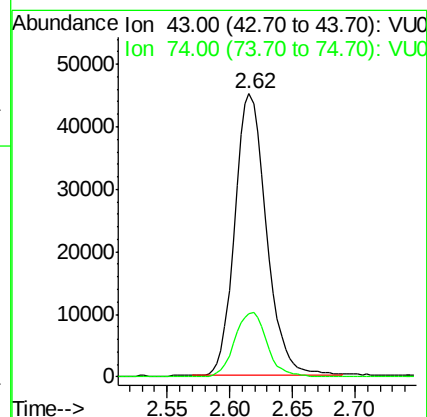
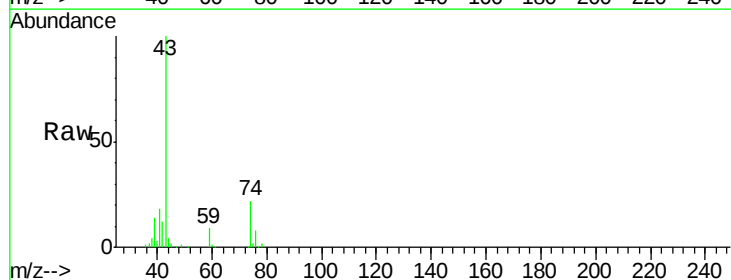
Acq: 27 Jun 2018 22:55

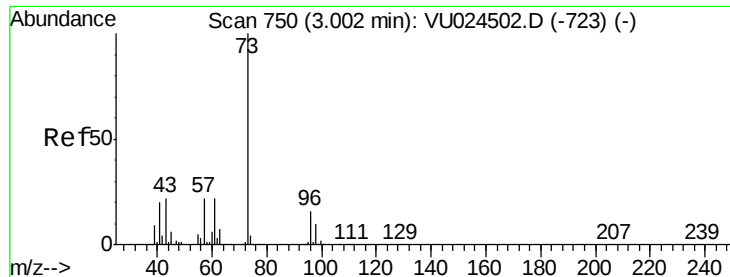
Tgt Ion: 43 Resp: 79225

Ion Ratio Lower Upper

43 100

74 23.5 18.0 27.0





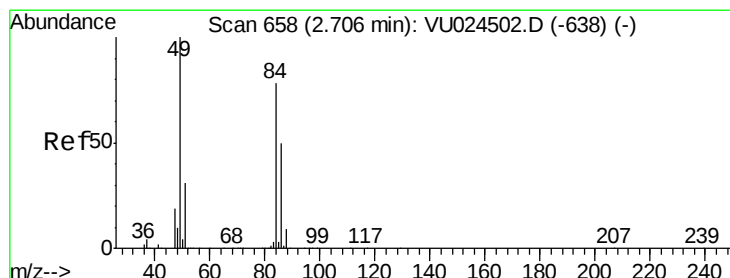
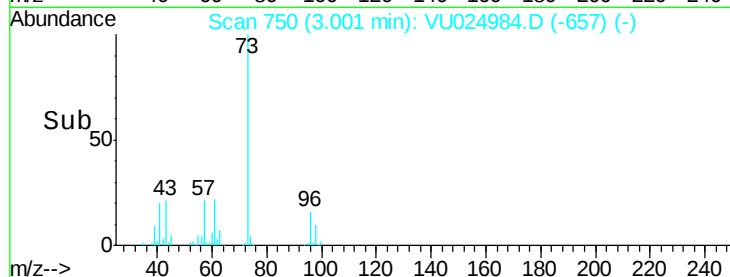
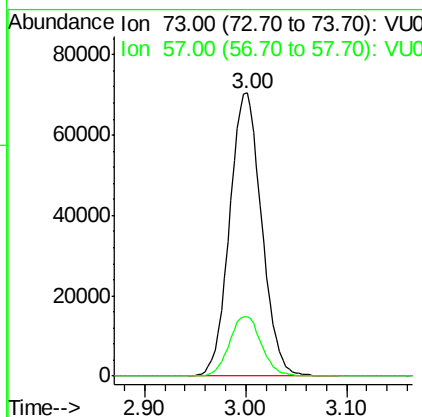
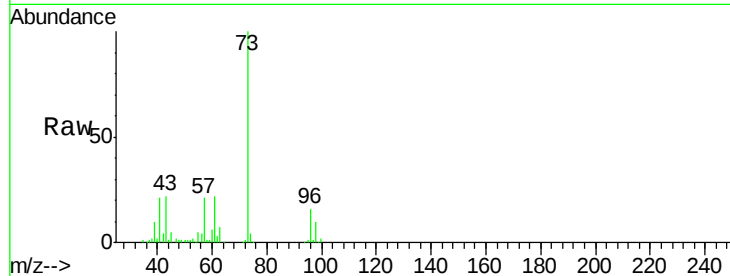
#19
Methyl tert-butyl Ether
Concen: 20.28 ug/l
RT: 3.00 min Scan# 750
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD04

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	18.8	28.2

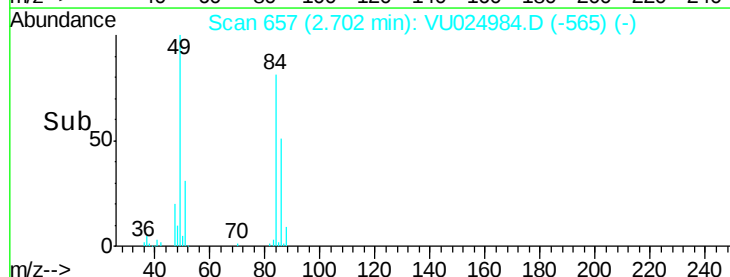
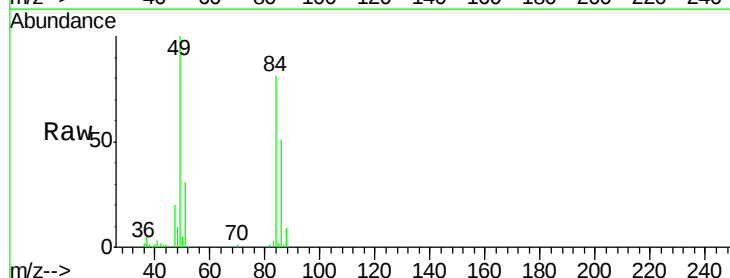
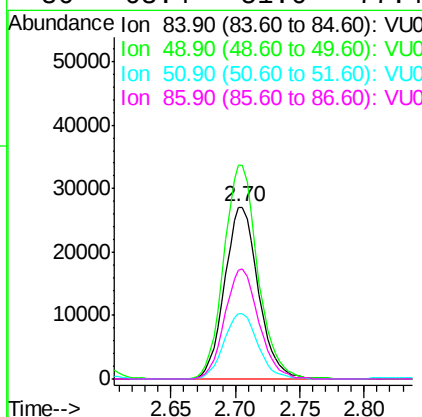
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#20
Methylene Chloride
Concen: 20.04 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.1	103.8	155.8
51	38.1	32.0	48.0
86	63.4	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 19.22 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

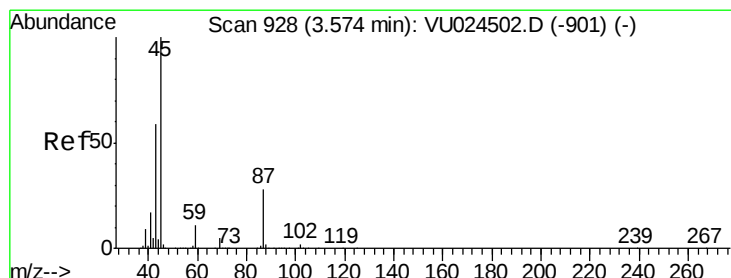
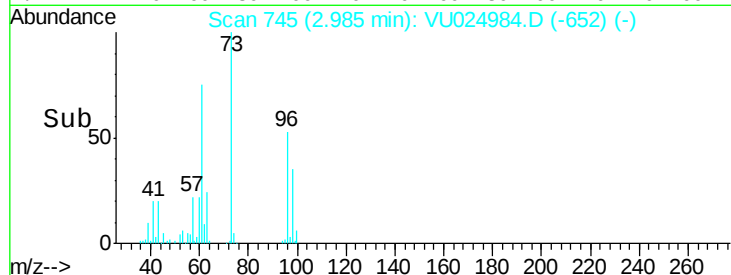
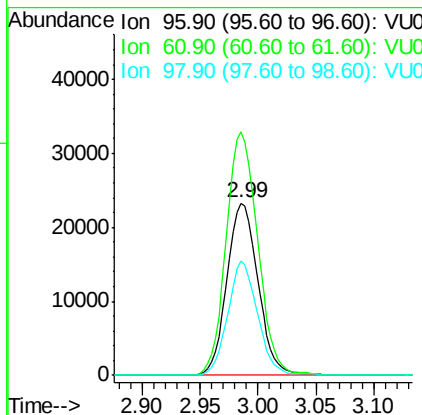
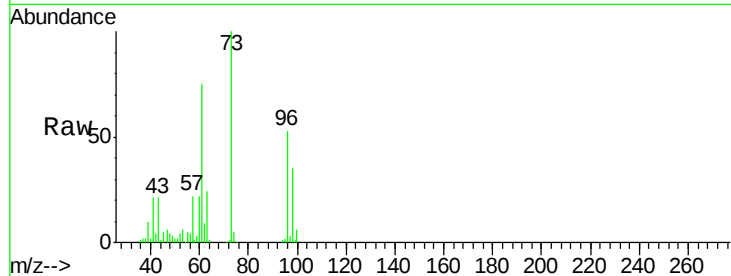
ClientSampleId :

VU0627MBSD04

Tot Ion:	96	Resp:	43172
Ion	Ratio	Lower	Upper
96	100		
61	141.6	119.4	179.0
98	66.8	51.1	76.7

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#22

Diisopropyl ether

Concen: 19.78 ug/l

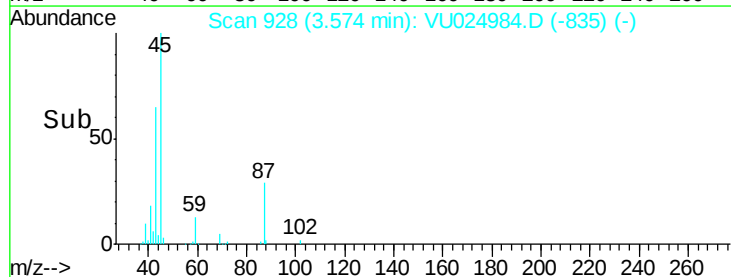
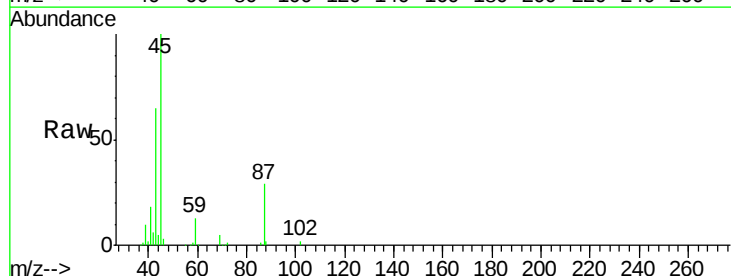
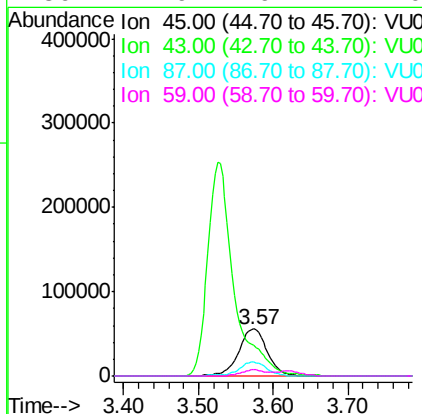
RT: 3.57 min Scan# 928

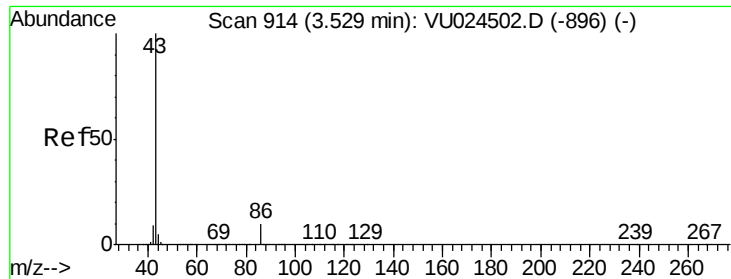
Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Tgt Ion:	45	Resp:	148427
Ion	Ratio	Lower	Upper
45	100		
43	64.3	45.8	68.6
87	28.7	20.6	31.0
59	12.9	9.4	14.0





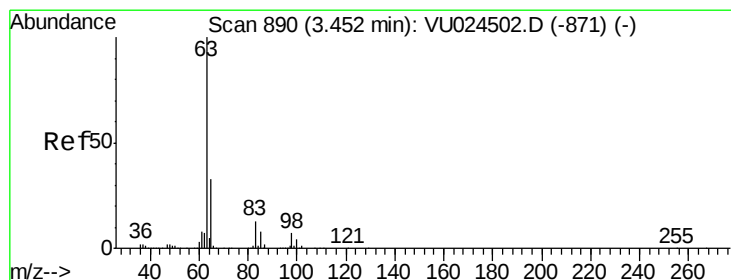
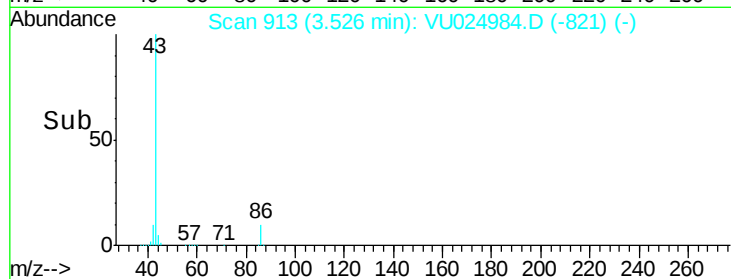
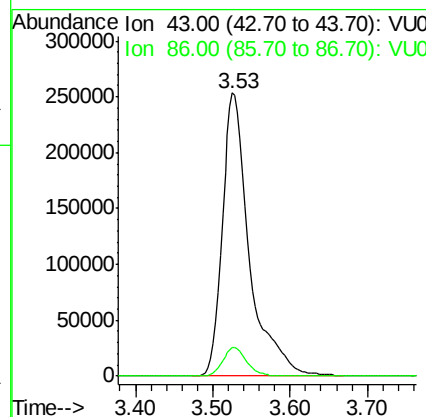
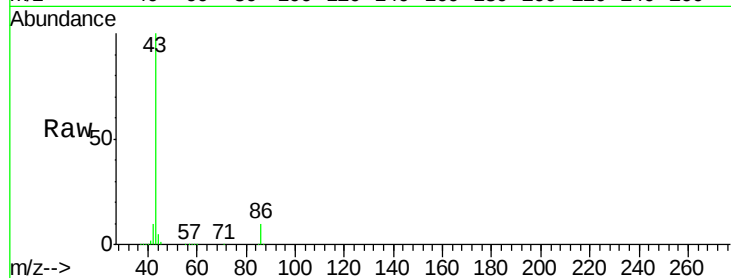
#23
 Vinyl Acetate
 Concen: 92.32 ug/l
 RT: 3.53 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD04

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.1	7.8	11.8

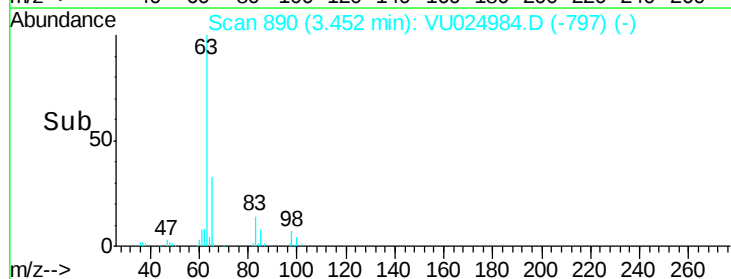
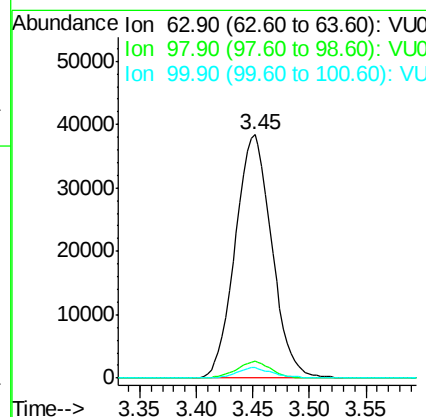
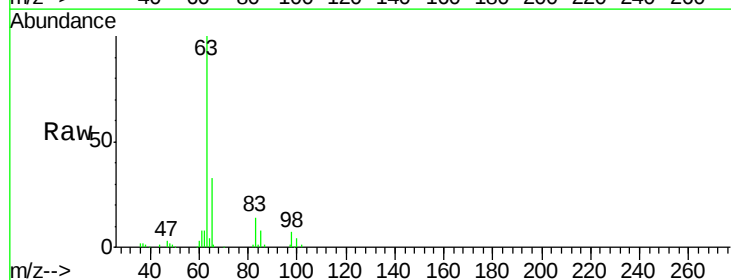
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#24
 1,1-Dichloroethane
 Concen: 20.00 ug/l
 RT: 3.45 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.5	10.4
100	4.4	1.8	5.5





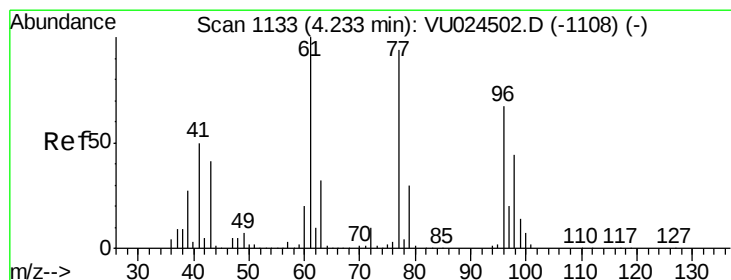
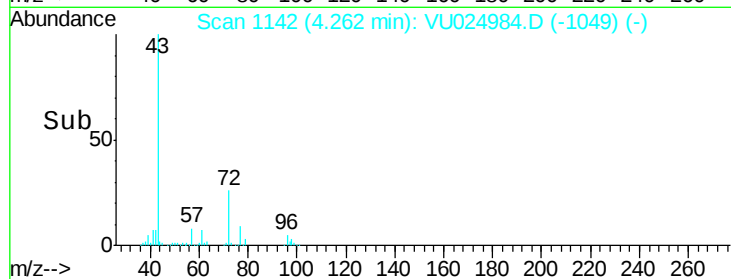
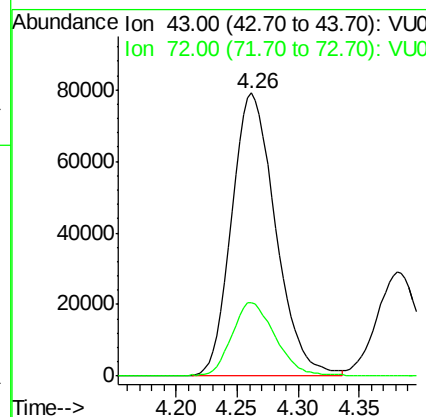
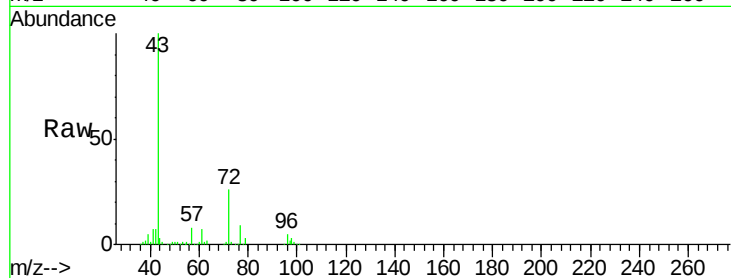
#25
2-Butanone
Concen: 92.95 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD04

Tot Ion: 43 Resp: 196116
Ion Ratio Lower Upper
43 100
72 25.8 19.6 29.4

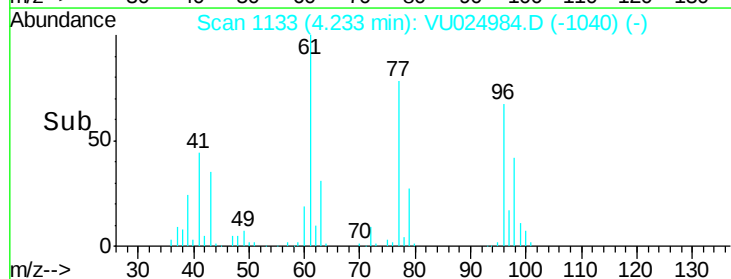
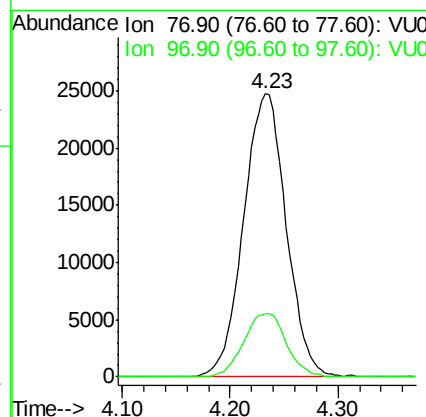
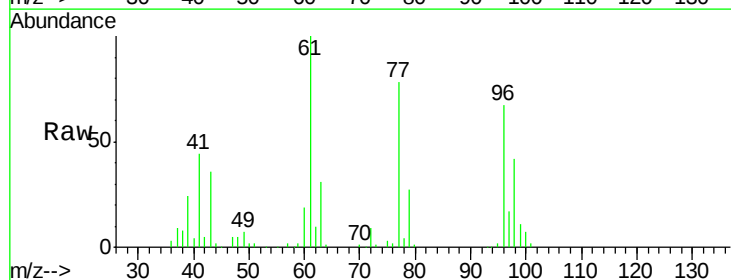
Manual Integrations
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6/28/2018 4:37:04 PM



#26
2,2-Dichloropropane
Concen: 16.56 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Tgt Ion: 77 Resp: 67902
Ion Ratio Lower Upper
77 100
97 22.4 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.99 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

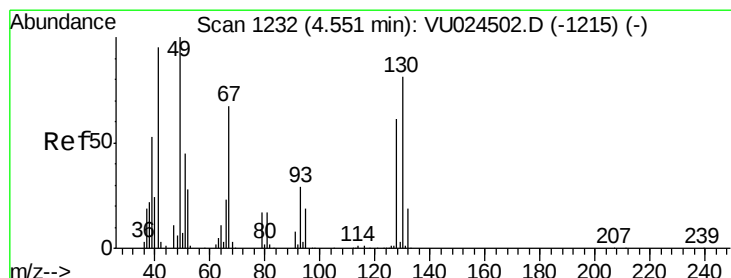
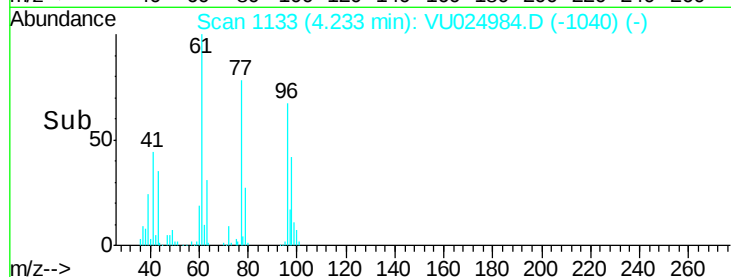
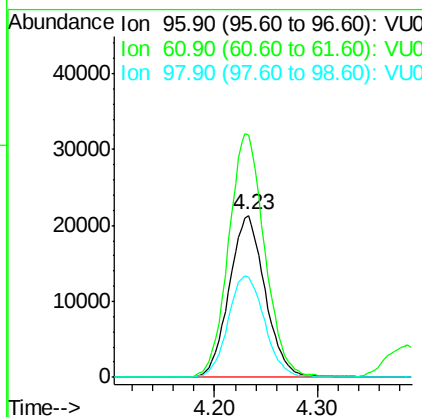
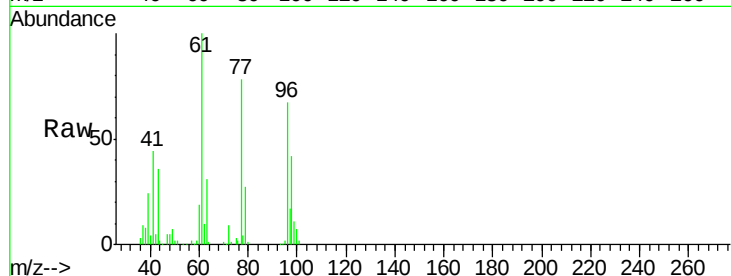
ClientSampleId :

VU0627MBSD04

Tot Ion:	96	Resp:	51616
Ion	Ratio	Lower	Upper
96	100		
61	151.3	0.0	306.6
98	63.6	0.0	128.8

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#28

Bromochloromethane

Concen: 19.76 ug/l

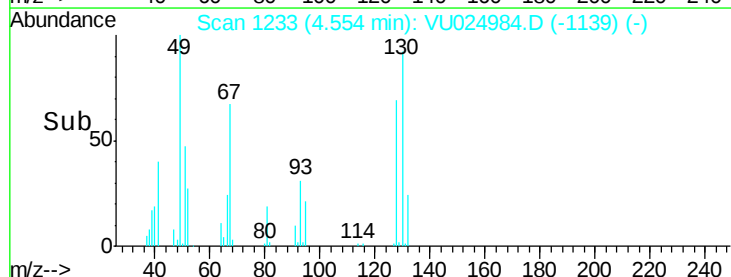
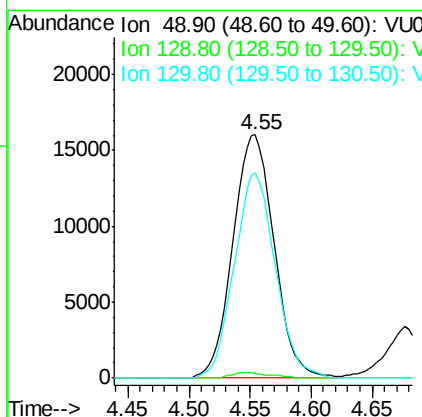
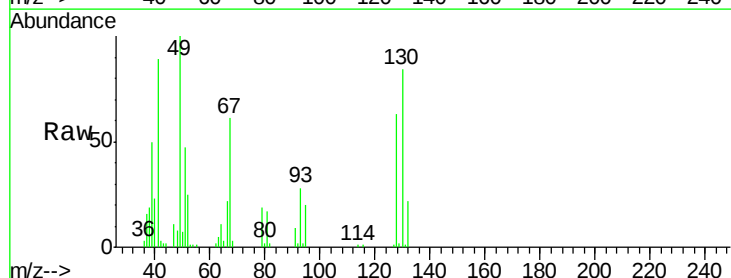
RT: 4.55 min Scan# 1233

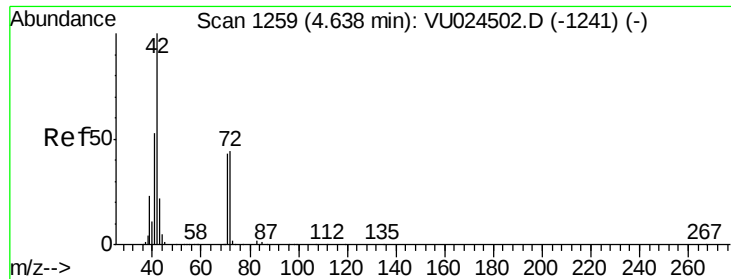
Delta R.T. 0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Tgt Ion:	49	Resp:	37579
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	83.7	57.8	86.6





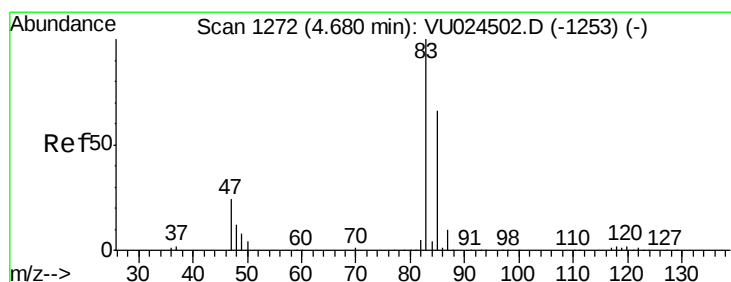
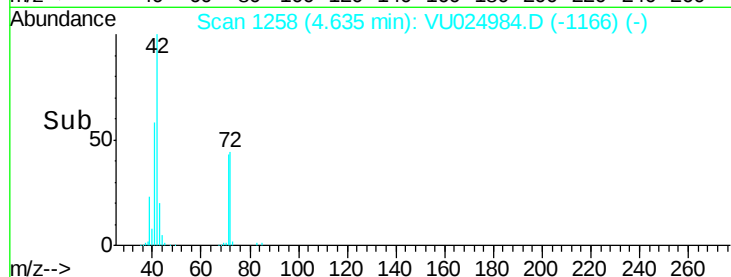
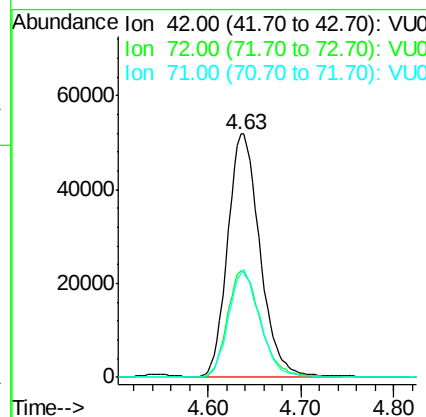
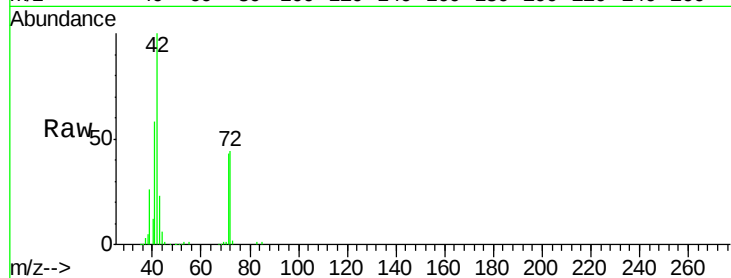
#29
Tetrahydrofuran
Concen: 96.10 ug/l
RT: 4.63 min Scan# 1258
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD04

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	34.5	51.7
71	43.2	32.2	48.4

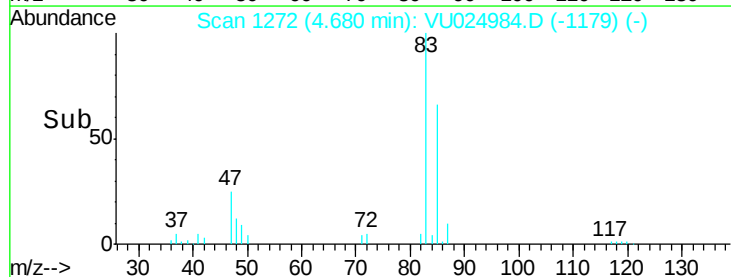
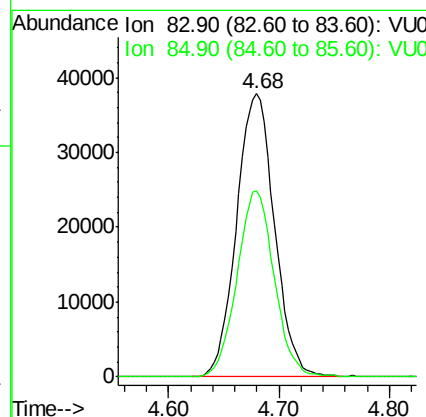
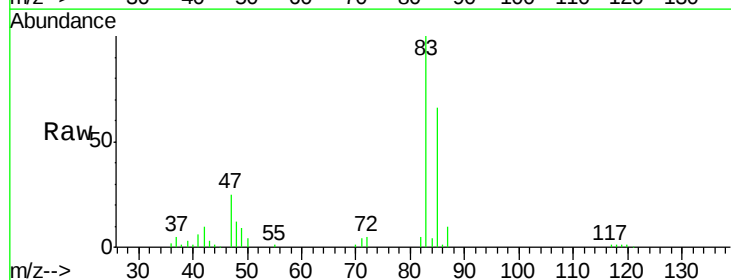
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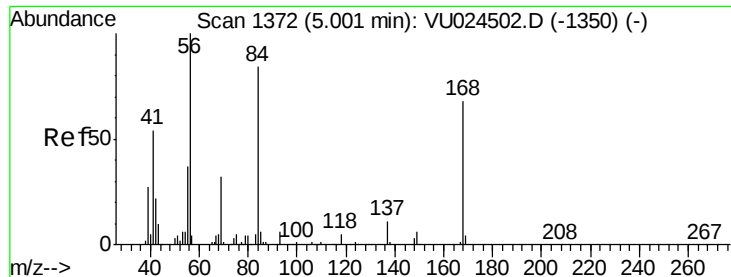
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#30
Chloroform
Concen: 20.63 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.4	78.6





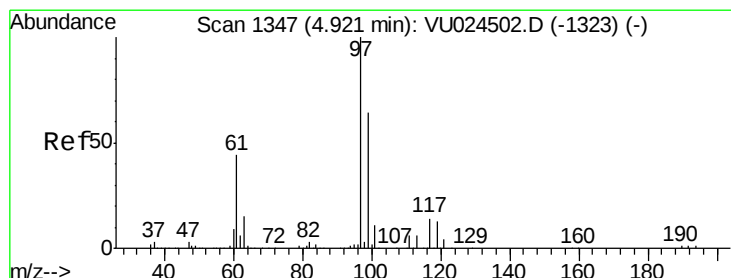
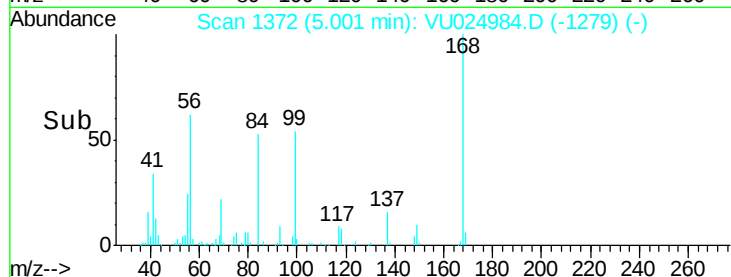
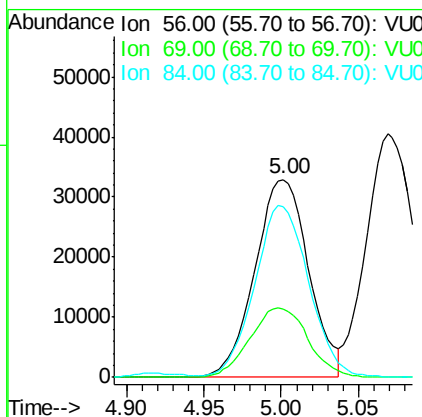
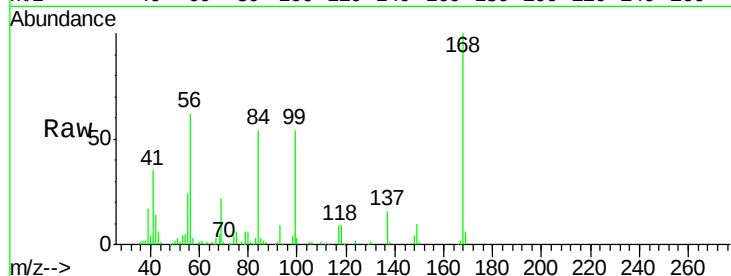
#31
Cyclohexane
Concen: 19.61 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD04

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.7	24.8	37.2
84	85.5	65.2	97.8

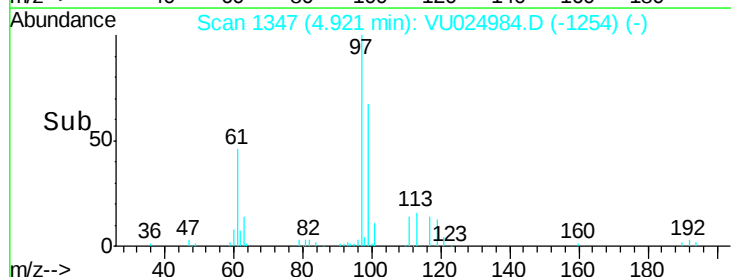
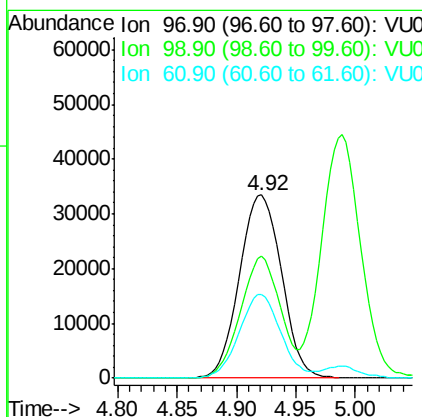
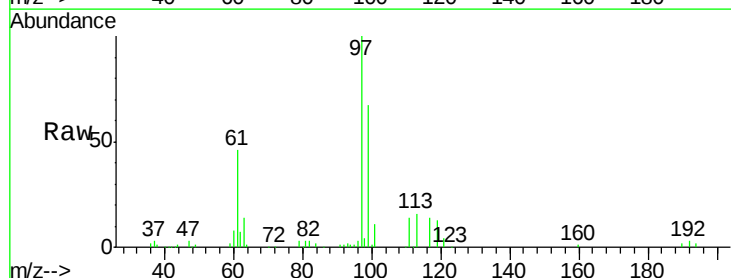
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#32
1,1,1-Trichloroethane
Concen: 20.35 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.6	51.0	76.6
61	44.9	39.4	59.0





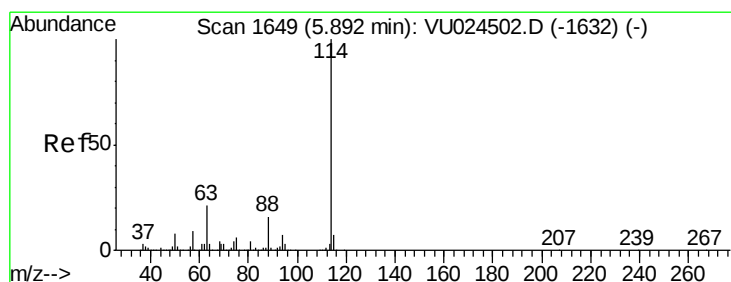
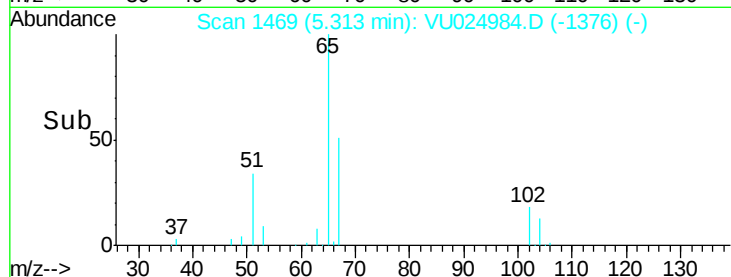
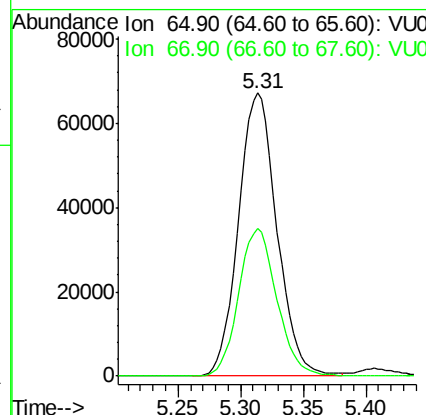
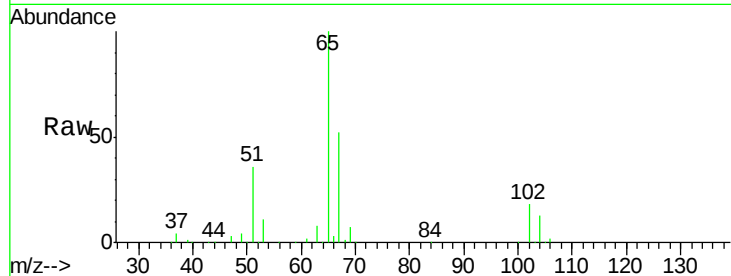
#33
 1,2-Dichloroethane-d4
 Concen: 48.99 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD04

Tot Ion	Ratio	Resp	Lower	Upper
65	100	143217		
67	51.8	0.0	107.0	

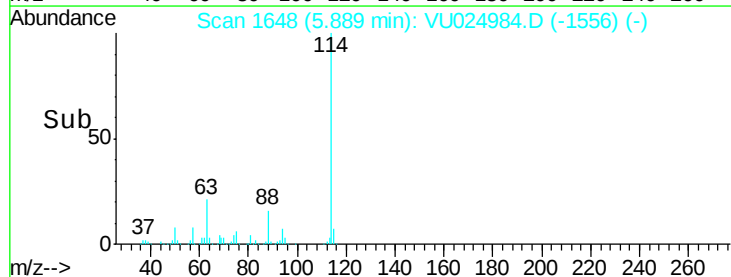
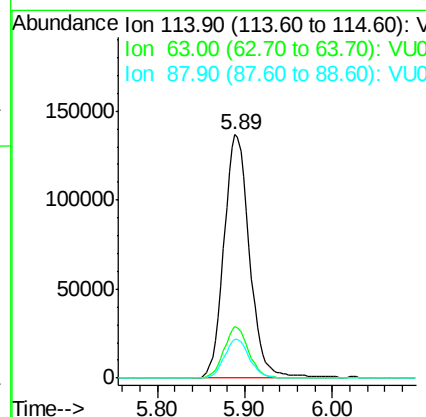
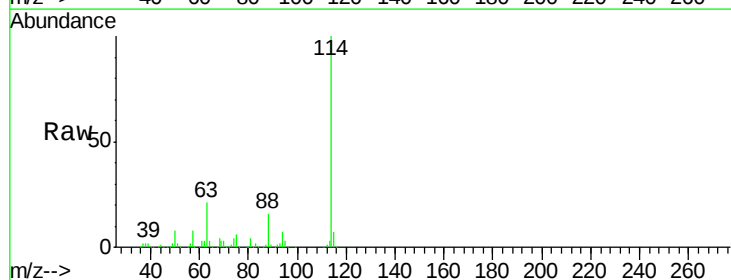
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	278295		
63	21.0	0.0	45.4	
88	16.1	0.0	31.0	





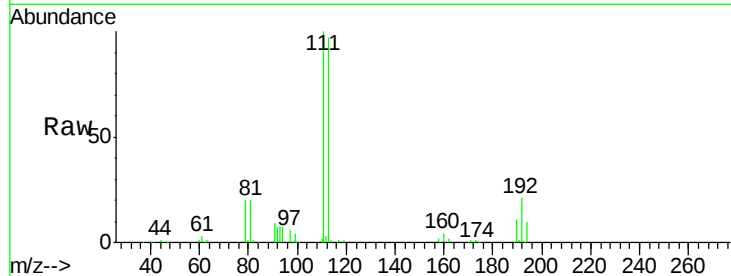
#35
Dibromofluoromethane
Concen: 49.40 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD04

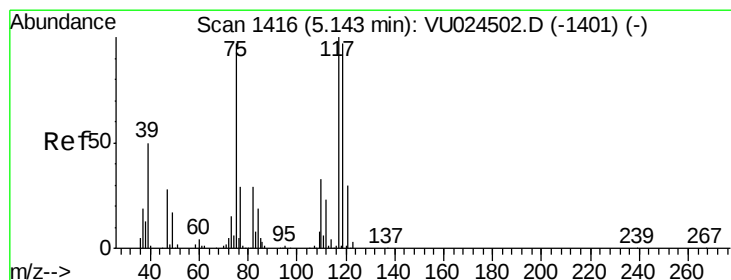
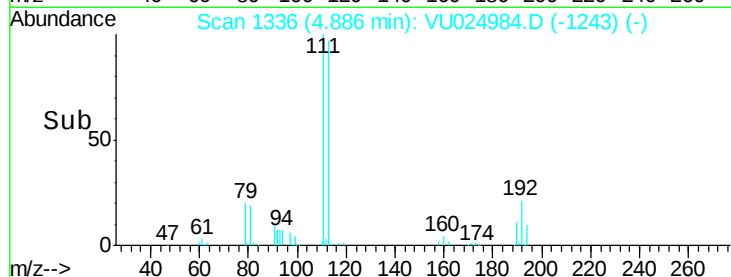
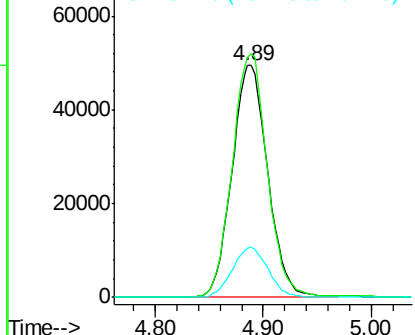
Tot Ion	Ratio	Resp	Lower	Upper
113	100	114090		
111	102.7	82.2	123.4	
192	21.6	16.2	24.4	

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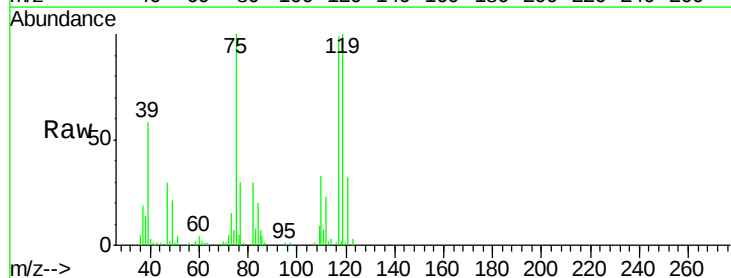


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

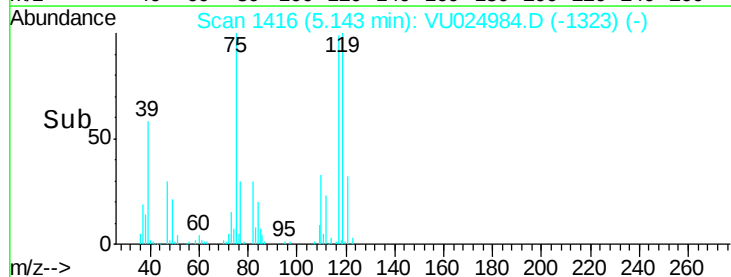
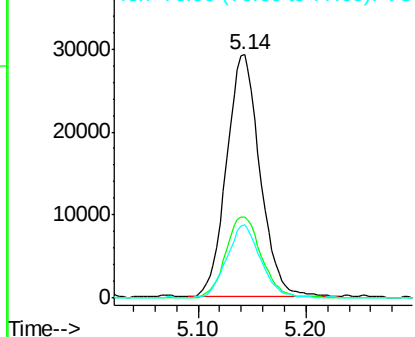


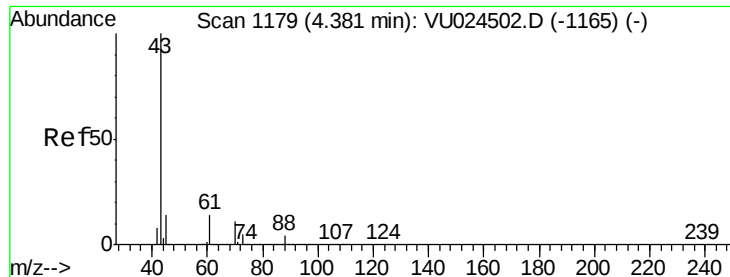
#36
1,1-Dichloropropene
Concen: 19.33 ug/l
RT: 5.14 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	63227		
110	35.7	17.0	50.9	
77	30.7	24.2	36.4	



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VU0





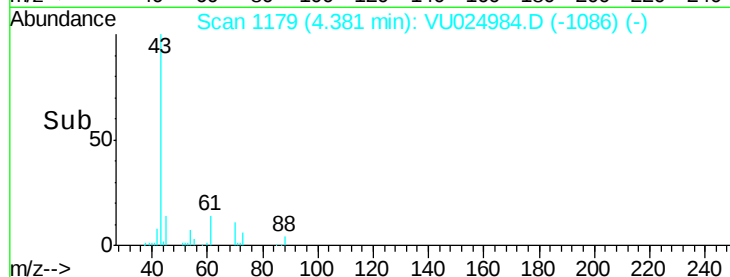
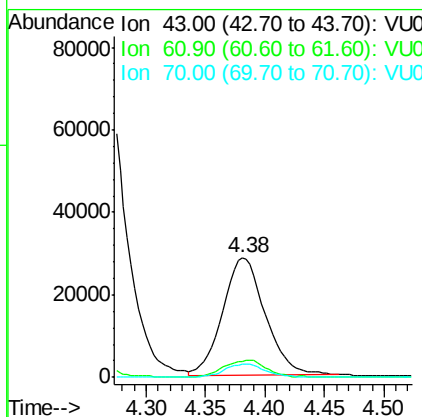
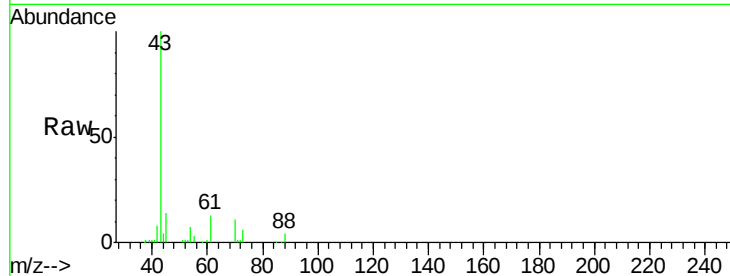
#37
Ethyl Acetate
Concen: 20.00 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD04

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.5	15.7
70	11.0	7.4	11.2

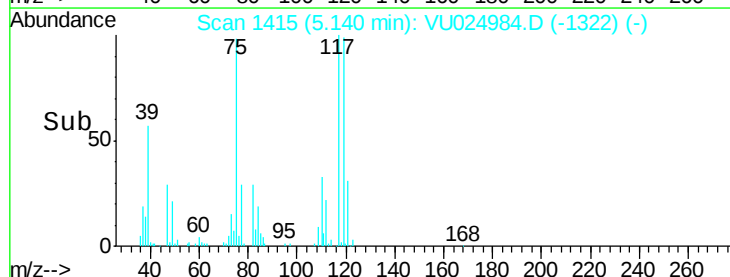
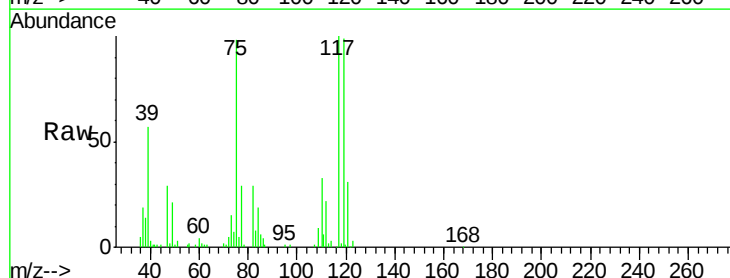
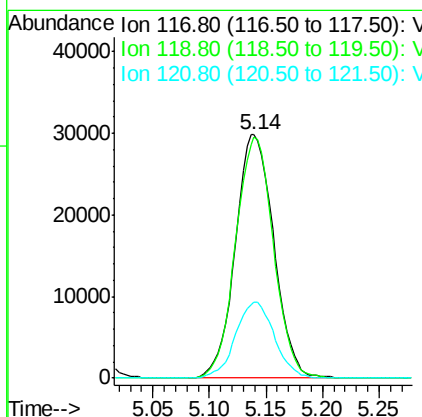
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#38
Carbon Tetrachloride
Concen: 19.62 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	76.1	114.1
121	31.4	23.7	35.5





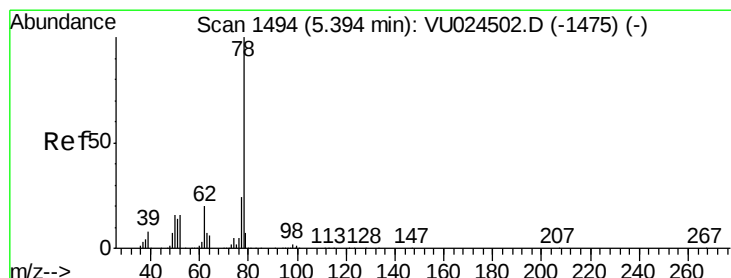
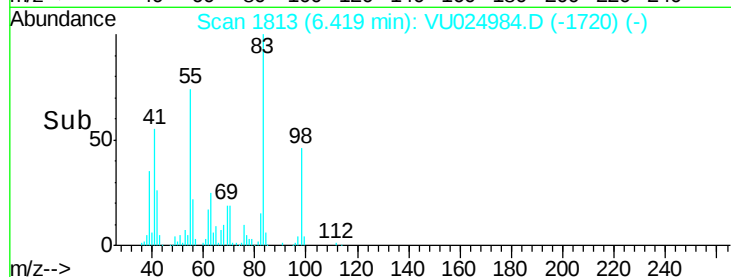
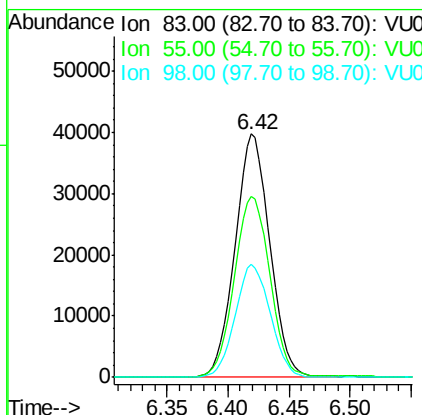
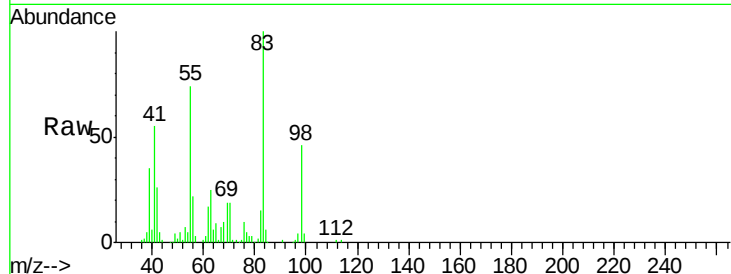
#39
Methvlcvclohexane
Concen: 19.19 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD04

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.4	65.8	98.6
98	46.3	36.7	55.1

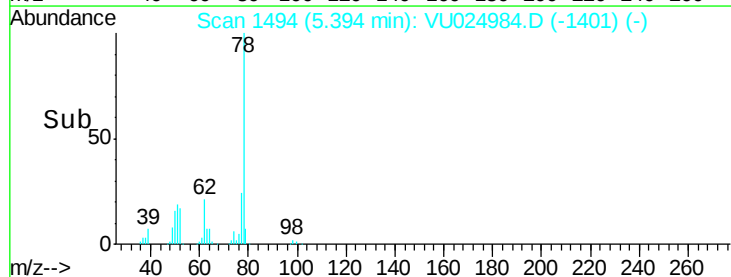
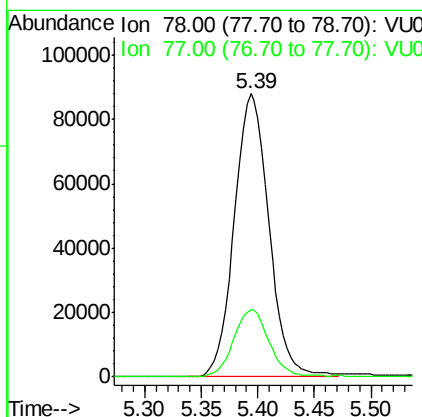
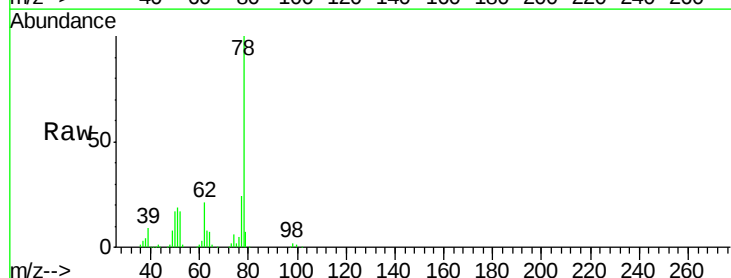
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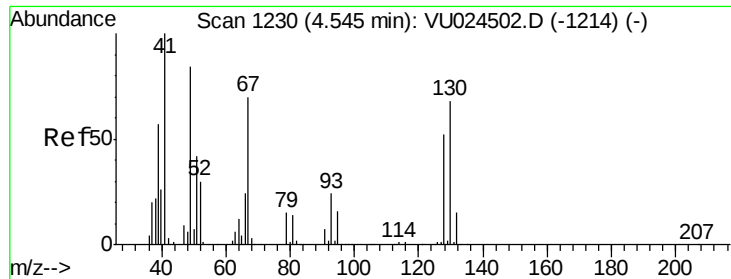
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#40
Benzene
Concen: 20.19 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.2	28.8





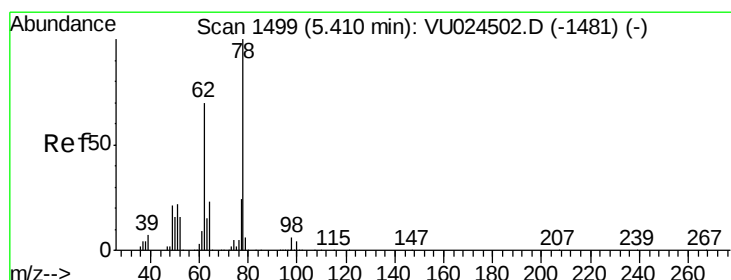
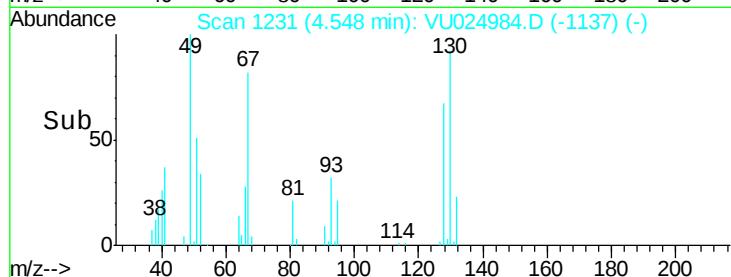
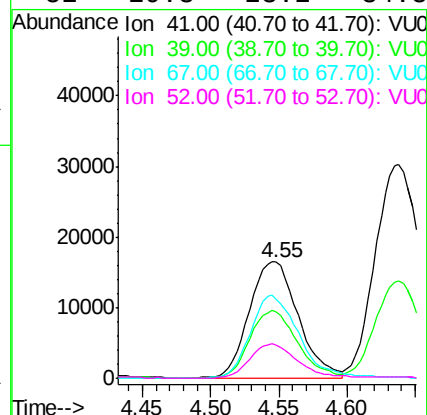
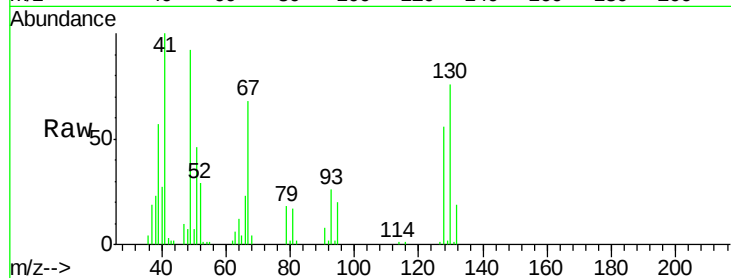
#41
Methacrylonitrile
Concen: 21.50 ug/l
RT: 4.55 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD04

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.4	43.8	65.6	
67	70.5	56.3	84.5	
52	29.3	23.2	34.8	

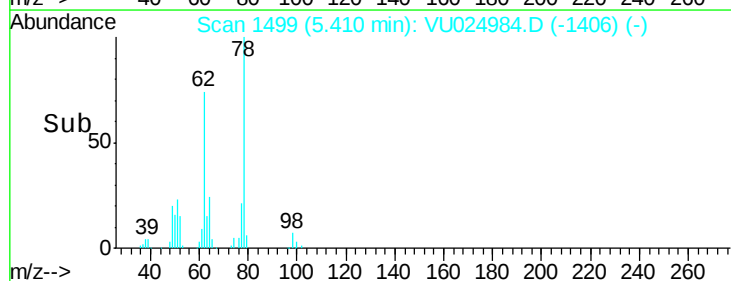
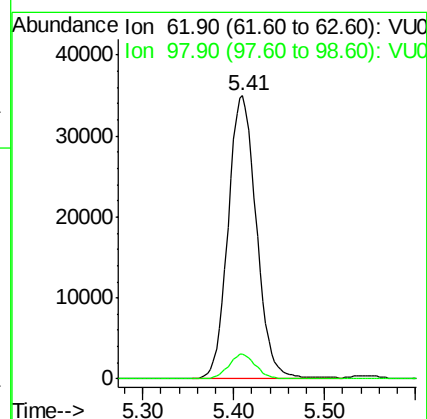
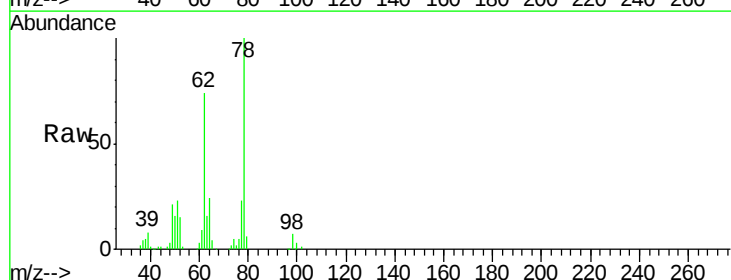
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#42
1,2-Dichloroethane
Concen: 21.33 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	16.6	





#43

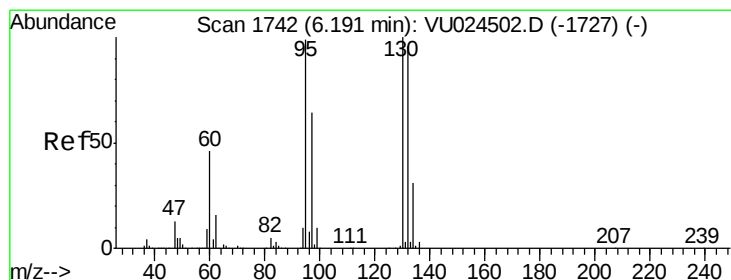
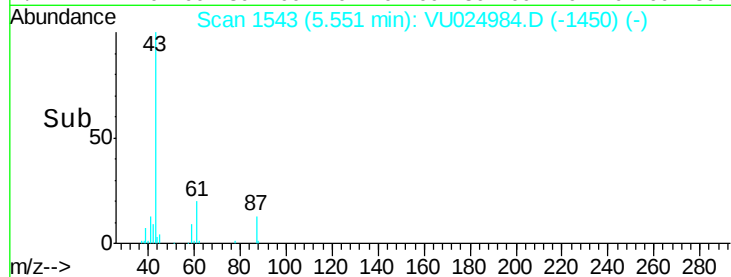
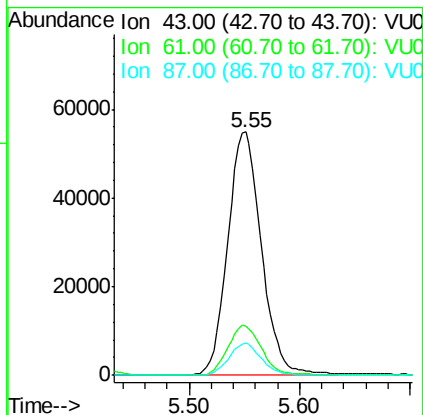
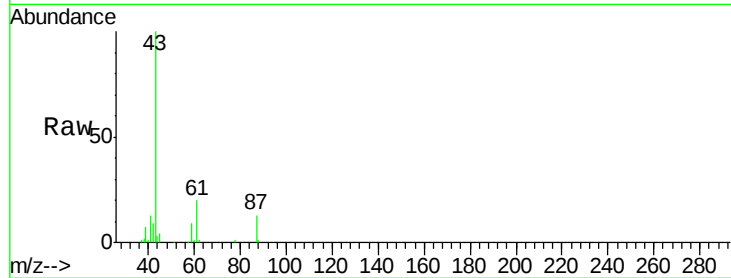
Isopropyl Acetate
 Concen: 18.77 ug/l
 RT: 5.55 min Scan# 1543
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD04

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	15.4	23.0
87	12.8	10.0	15.0

Manual Integrations
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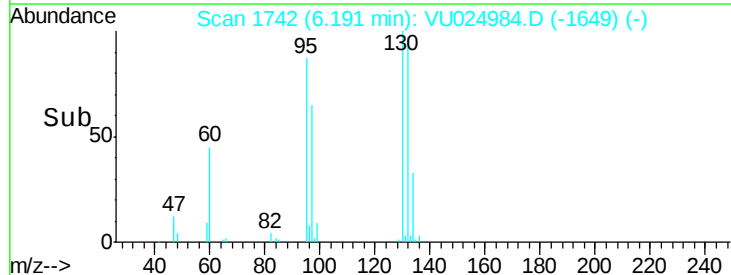
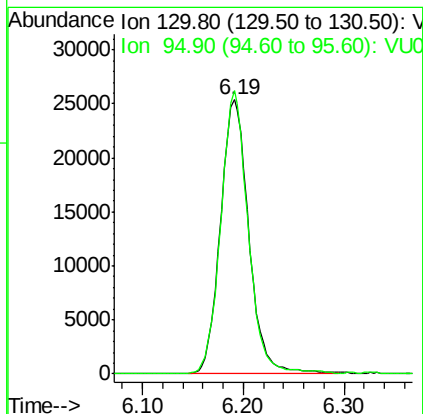
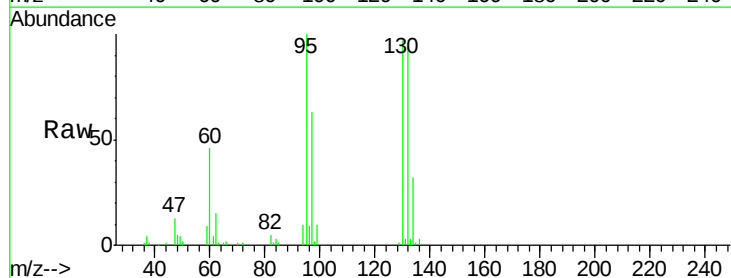
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#44

Trichloroethene
 Concen: 18.91 ug/l
 RT: 6.19 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.3	0.0	202.4





#45

1,2-Dichloropropane

Concen: 20.41 ug/l

RT: 6.44 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD04

Tot Ion: 63 Resp: 50734

Ion Ratio Lower Upper

63 100

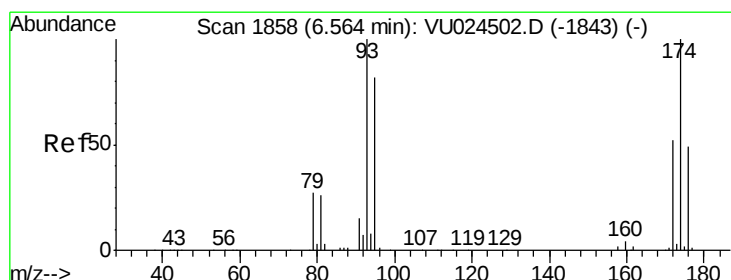
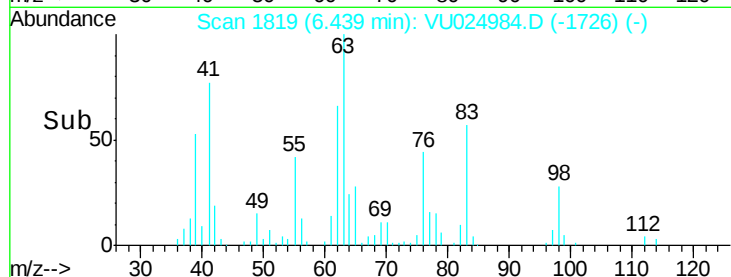
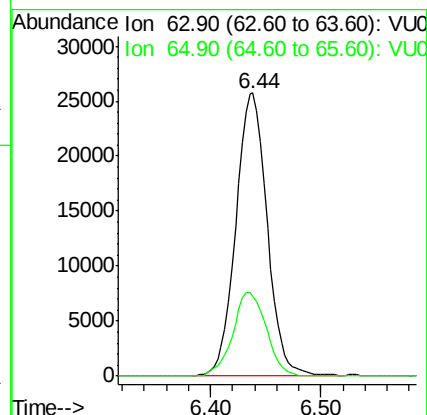
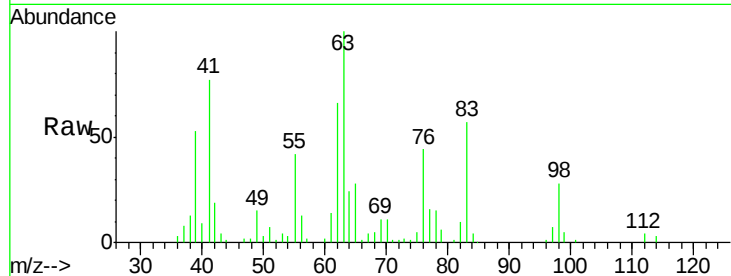
65 28.3 24.8 37.2

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#46

Dibromomethane

Concen: 20.31 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

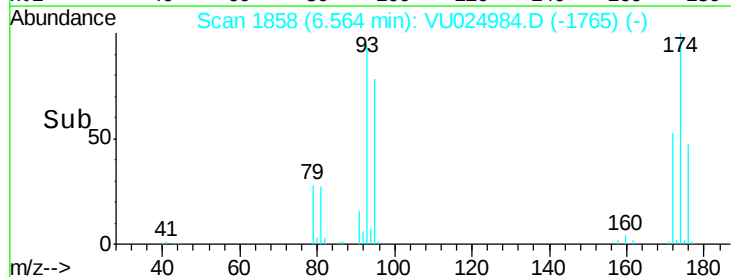
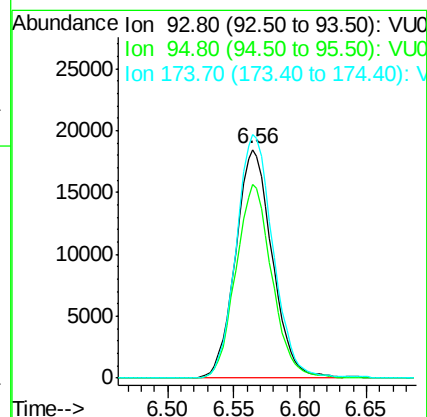
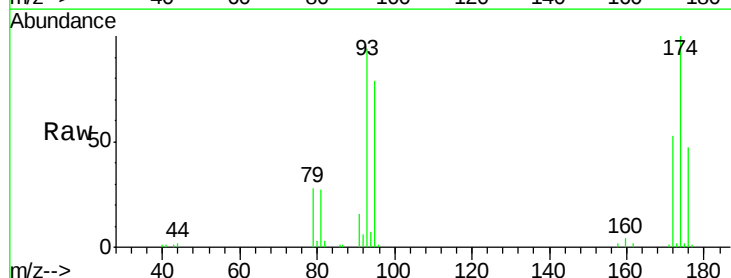
Tgt Ion: 93 Resp: 35476

Ion Ratio Lower Upper

93 100

95 83.3 65.5 98.3

174 107.6 78.7 118.1





#47

Bromodichloromethane

Concen: 19.63 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

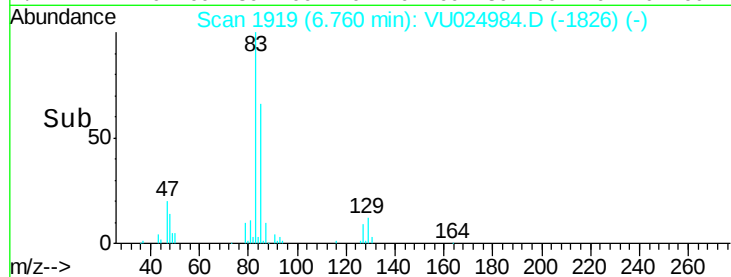
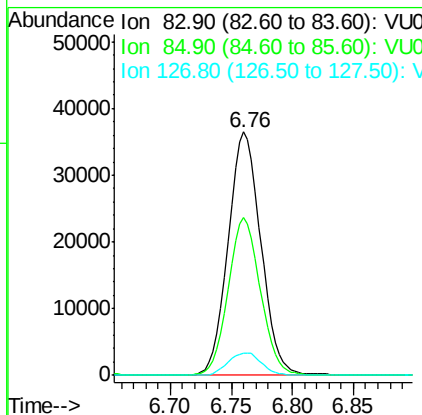
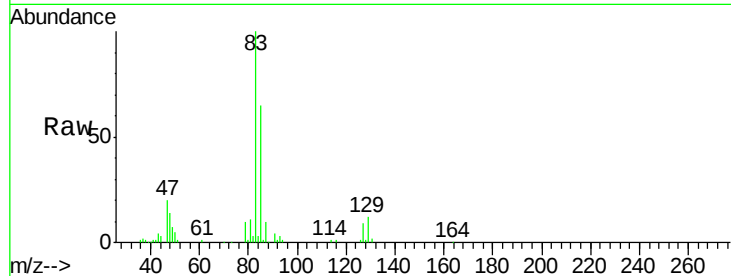
ClientSampleId :

VU0627MBSD04

Tot Ion:	83	Resp:	68265
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.9	77.9
127	8.9	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.28 ug/l

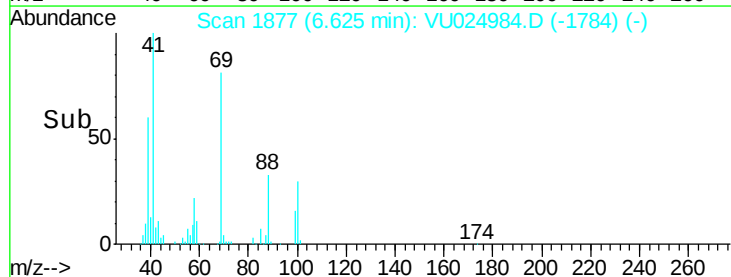
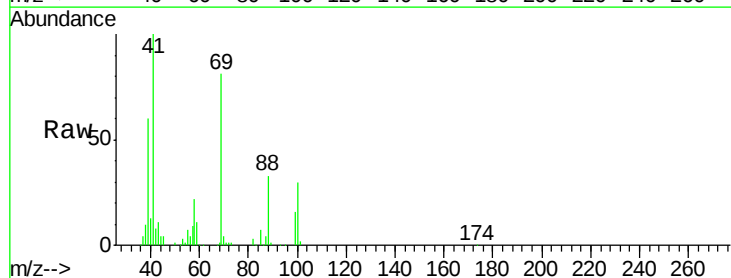
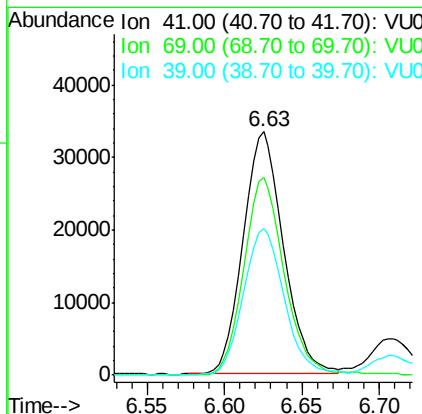
RT: 6.63 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Tgt Ion:	41	Resp:	60842
Ion Ratio	Lower	Upper	
41	100		
69	82.0	67.3	100.9
39	61.2	46.5	69.7





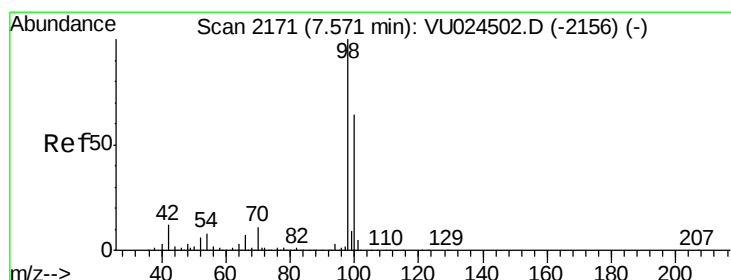
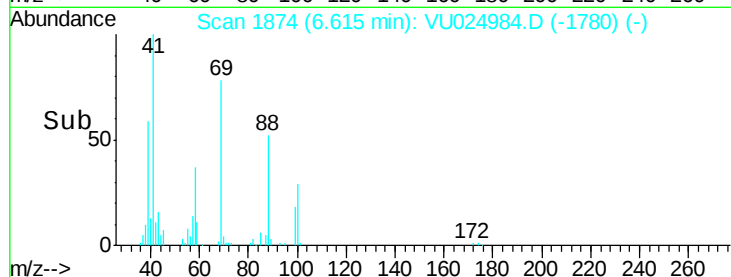
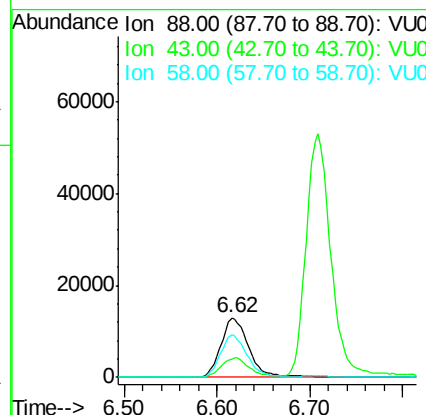
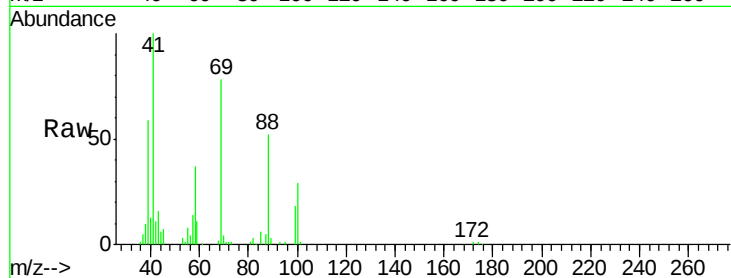
#49
 1,4-Dioxane
 Concen: 462.13 ug/l
 RT: 6.62 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD04

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	28.6	42.8
58	67.7	58.2	87.4

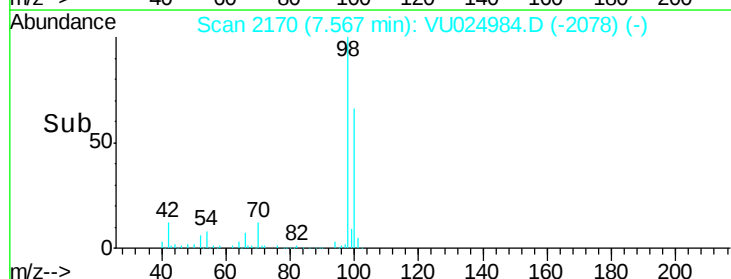
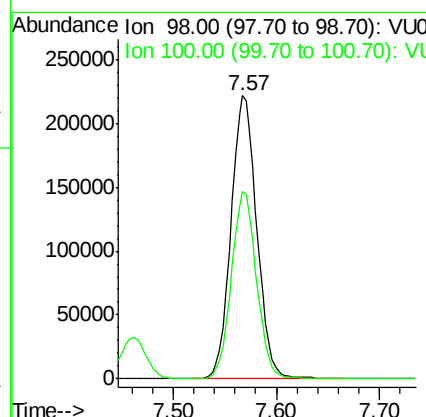
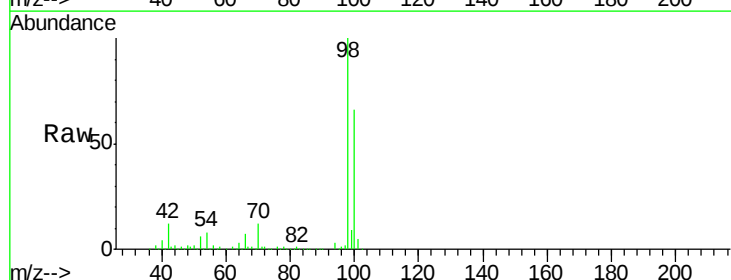
Manual Integrations
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#50
 Toluene-d8
 Concen: 45.84 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 97.63 ug/l

RT: 7.46 min Scan# 2137

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD04

Tot Ion: 43 Resp: 377904

Ion Ratio Lower Upper

43 100

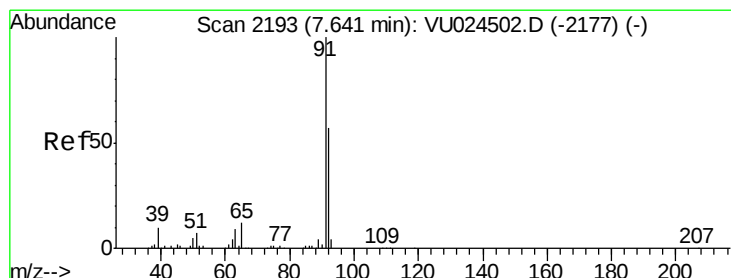
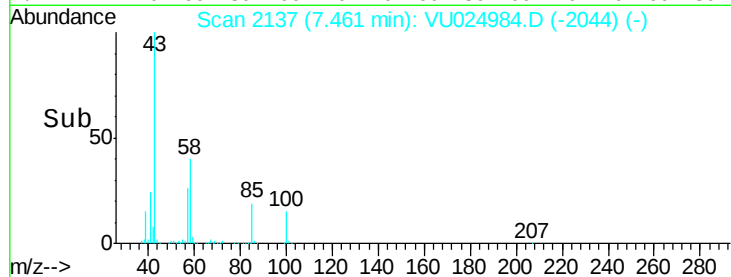
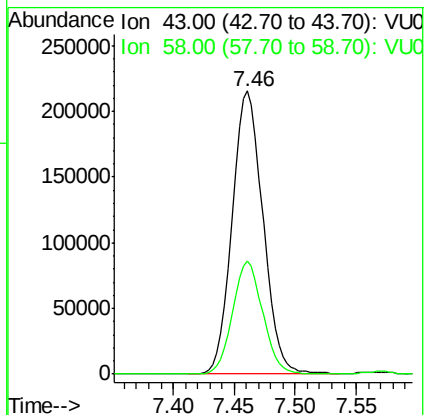
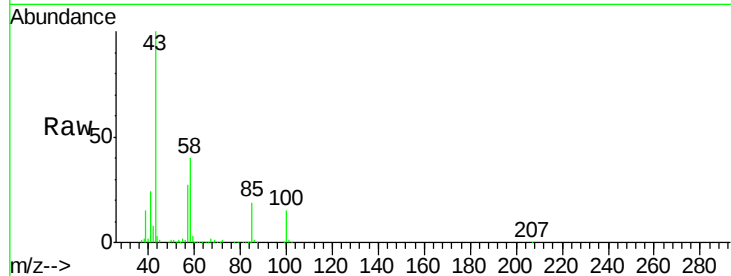
58 39.2 30.0 45.0

Manual Integrations

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#52

Toluene

Concen: 19.73 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU024984.D

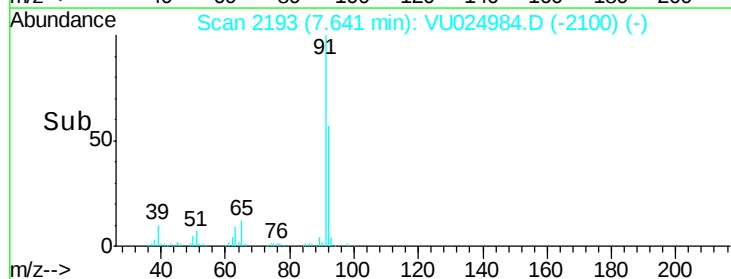
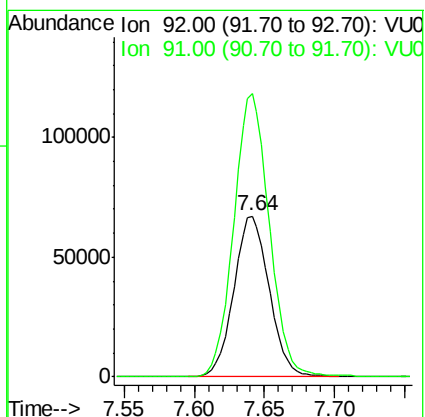
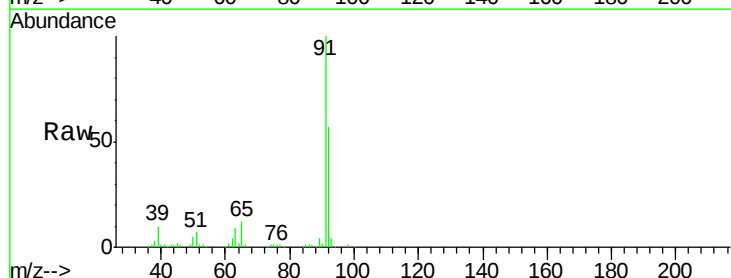
Acq: 27 Jun 2018 22:55

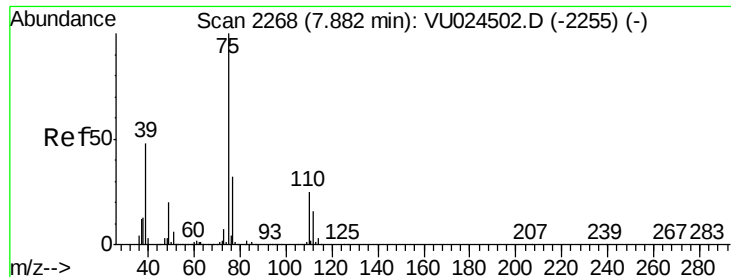
Tgt Ion: 92 Resp: 118298

Ion Ratio Lower Upper

92 100

91 176.5 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 18.50 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleID :

VU0627MBSD04

Tot Ion: 75 Resp: 72262

Ion Ratio Lower Upper

75 100

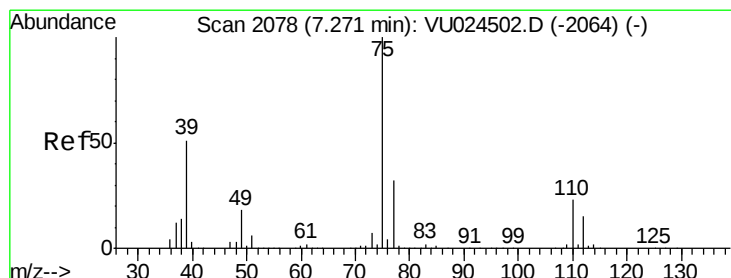
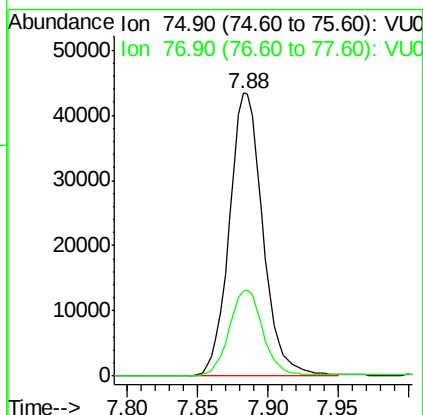
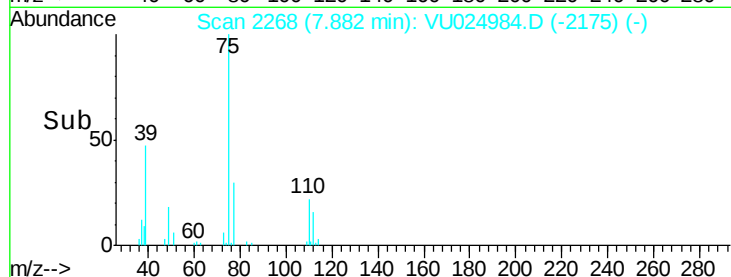
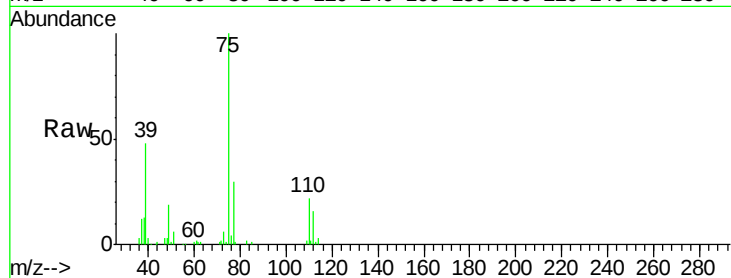
77 30.0 24.8 37.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 17.98 ug/l

RT: 7.27 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

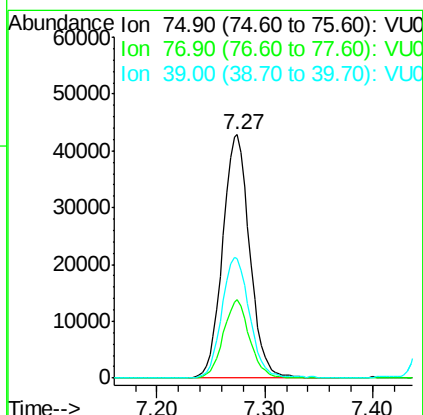
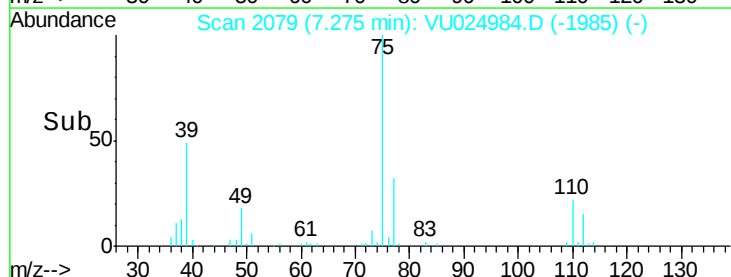
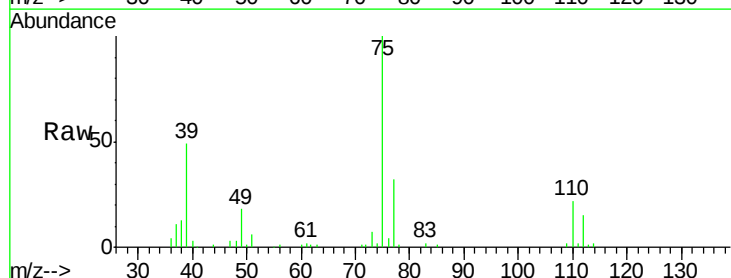
Tgt Ion: 75 Resp: 74836

Ion Ratio Lower Upper

75 100

77 32.1 24.6 36.8

39 48.6 39.8 59.6





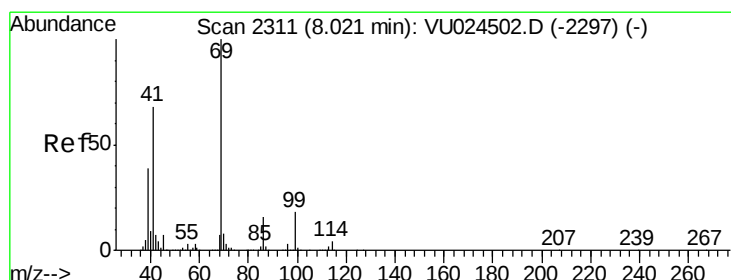
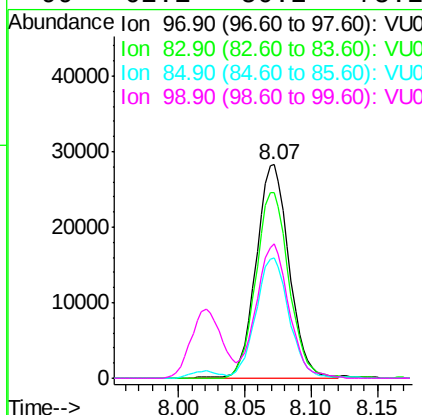
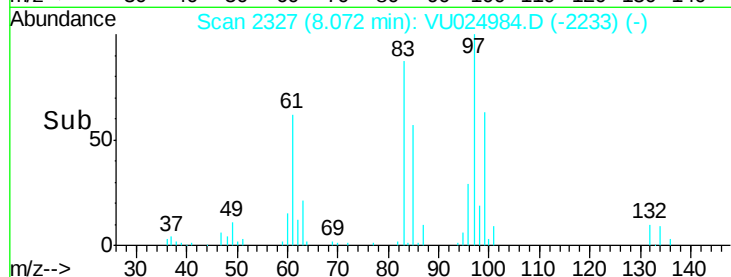
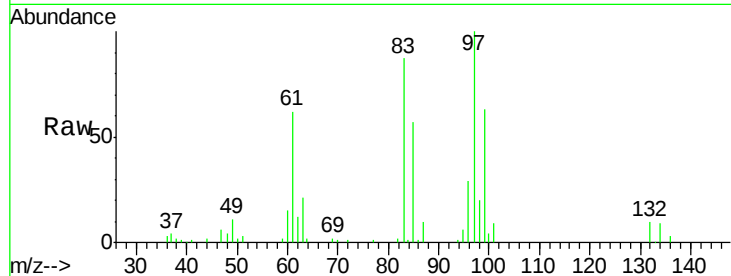
#55
 1,1,2-Trichloroethane
 Concen: 20.07 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD04

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		48908		
83	86.7		70.5	105.7	
85	56.1		46.4	69.6	
99	62.1		50.2	75.2	

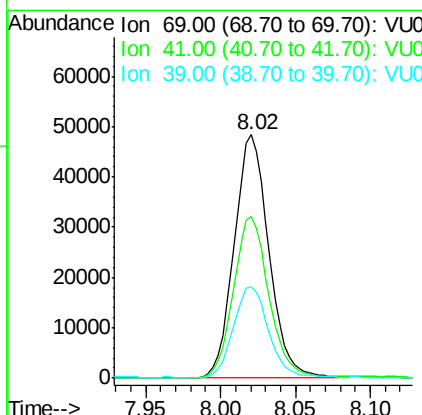
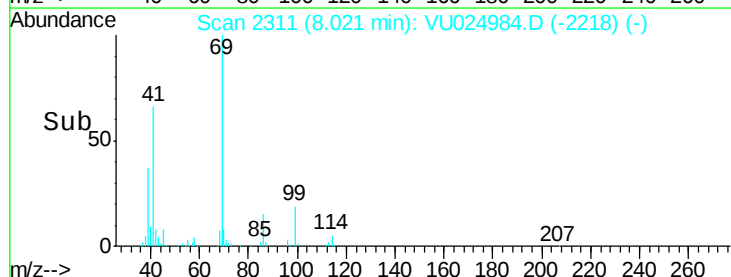
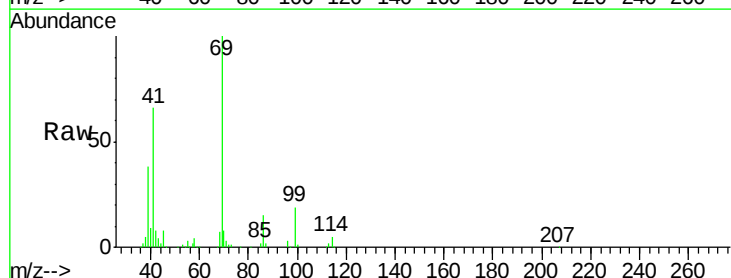
Manual Integrations
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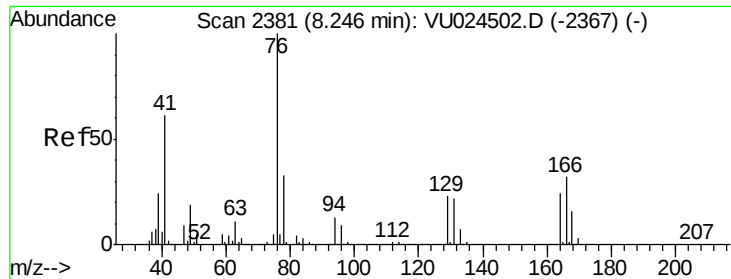
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#56
 Ethyl methacrylate
 Concen: 19.18 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		78234		
41	67.5		54.1	81.1	
39	37.5		30.3	45.5	





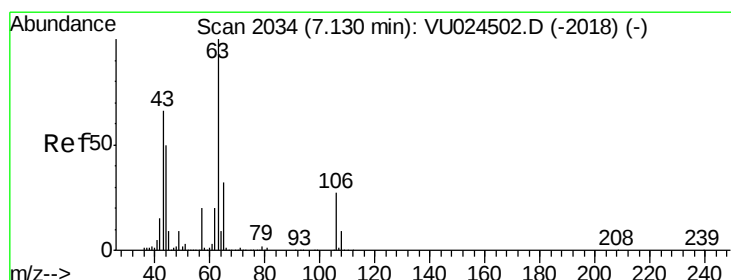
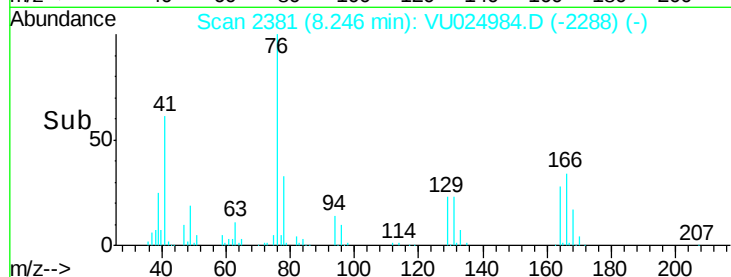
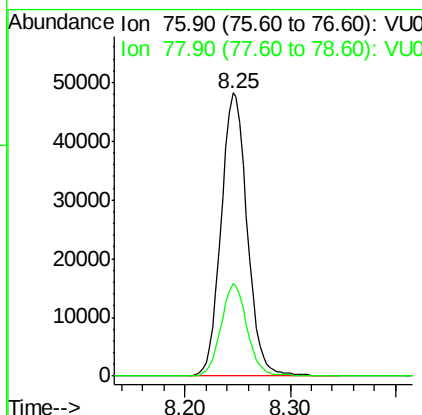
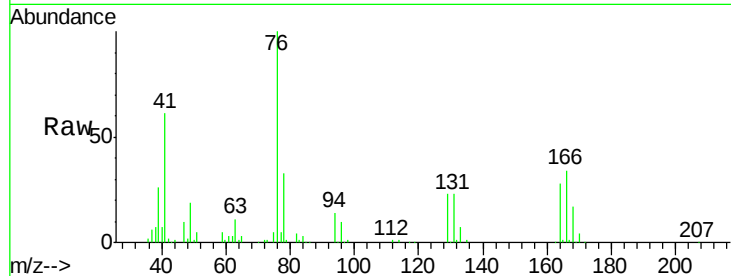
#57
 1,3-Dichloropropane
 Concen: 20.09 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD04

Tot Ion: 76 Resp: 82581
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.2 37.8

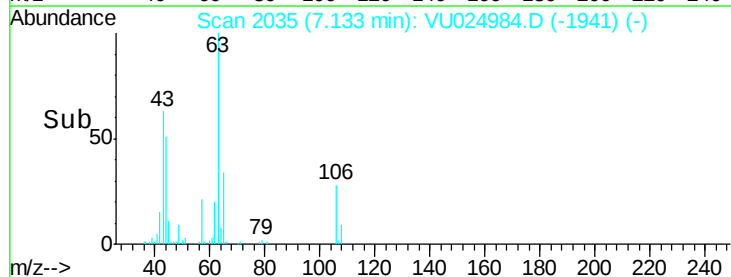
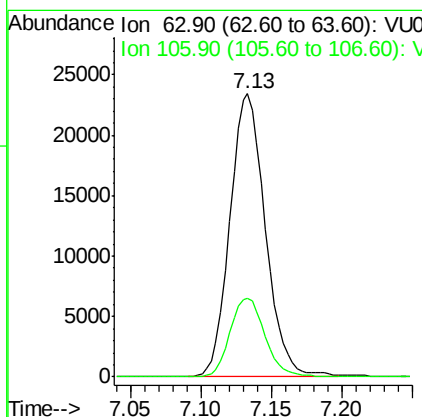
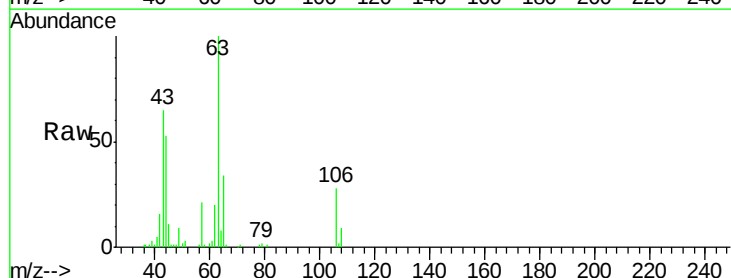
Manual Integrations
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#58
 2-Chloroethyl Vinyl ether
 Concen: 26.40 ug/l
 RT: 7.13 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Tgt Ion: 63 Resp: 41246
 Ion Ratio Lower Upper
 63 100
 106 27.3 20.2 30.2





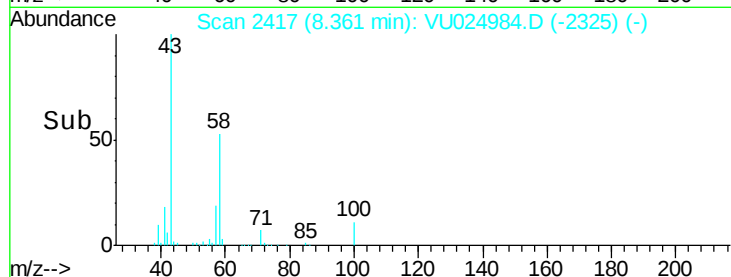
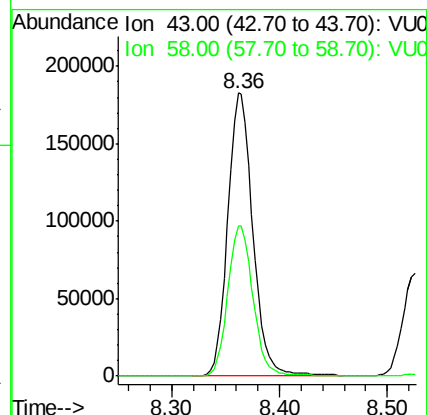
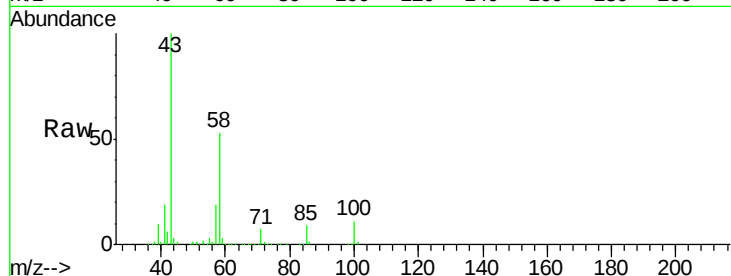
#59
2-Hexanone
Concen: 93.64 ug/l
RT: 8.36 min Scan# 2417
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD04

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.1	26.4	79.0

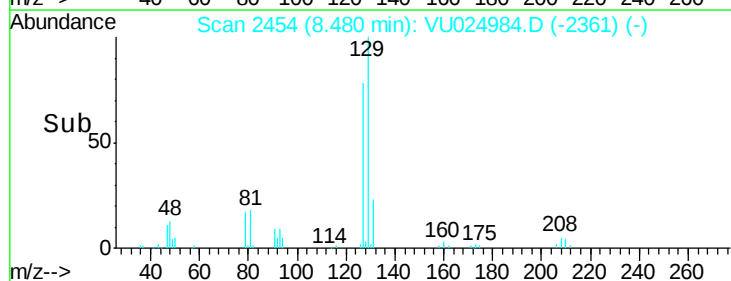
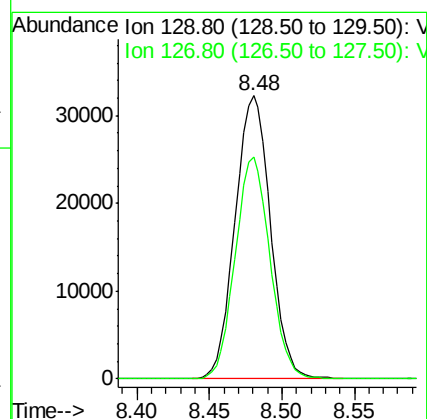
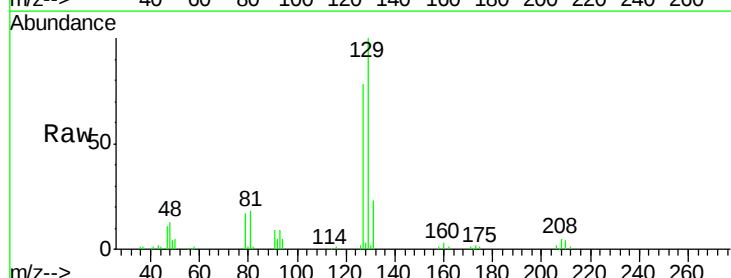
Manual Integrations
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#60
Dibromochloromethane
Concen: 17.98 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.9	38.6	116.0





#61

1,2-Dibromoethane

Concen: 19.68 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD04

Tot Ion:107 Resp: 53368

Ion Ratio Lower Upper

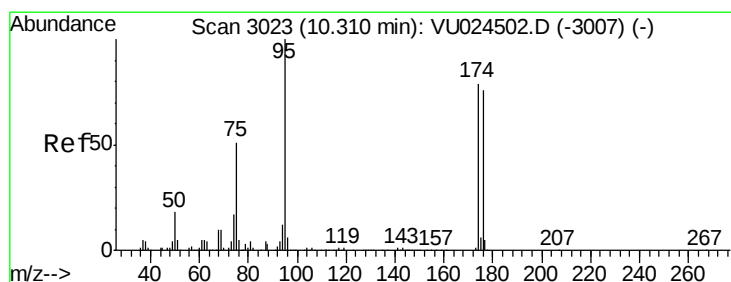
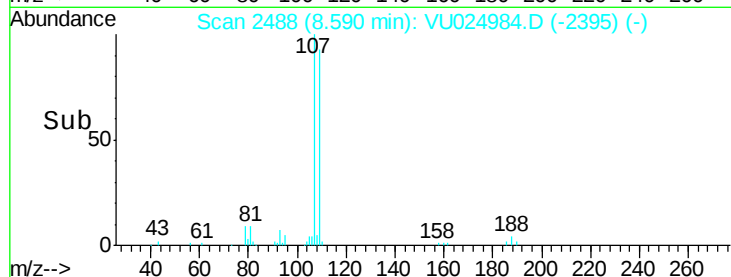
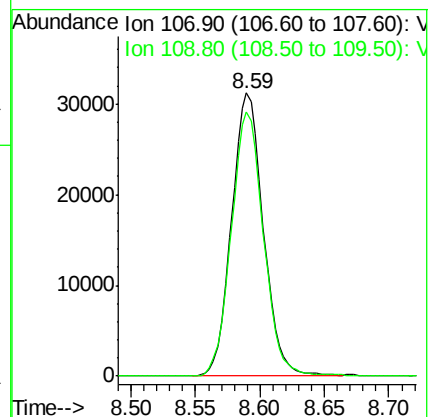
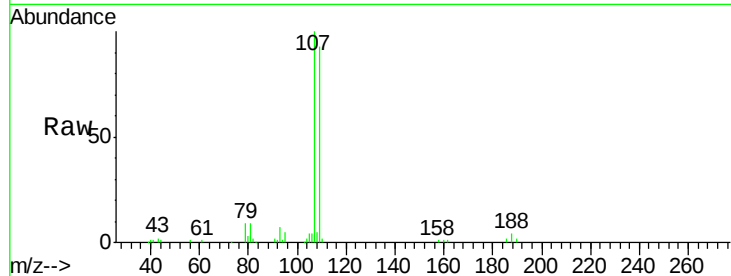
107 100

109 94.2 74.5 111.7

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 47.17 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

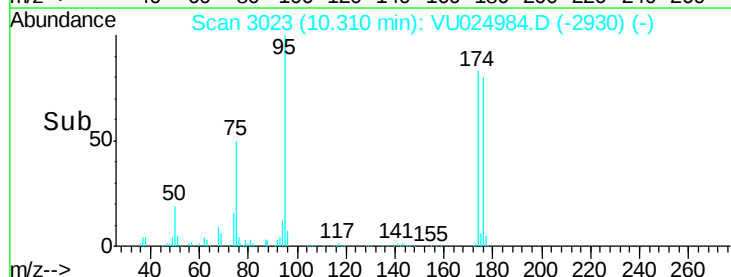
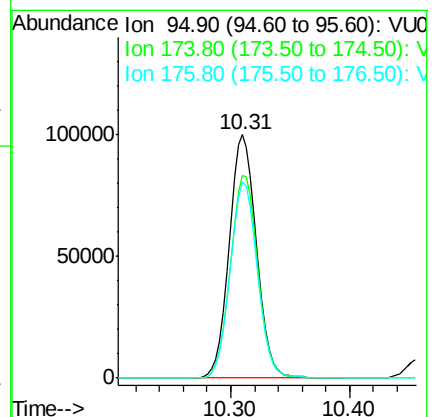
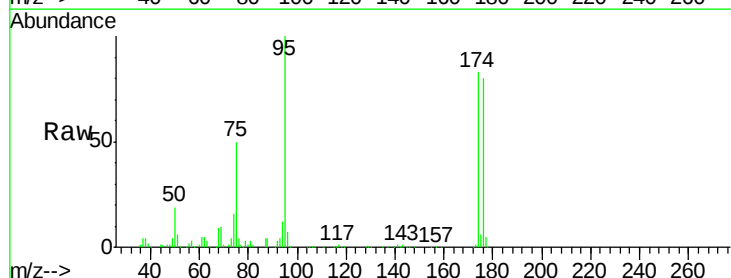
Tgt Ion: 95 Resp: 157796

Ion Ratio Lower Upper

95 100

174 84.0 0.0 165.8

176 80.8 0.0 159.4





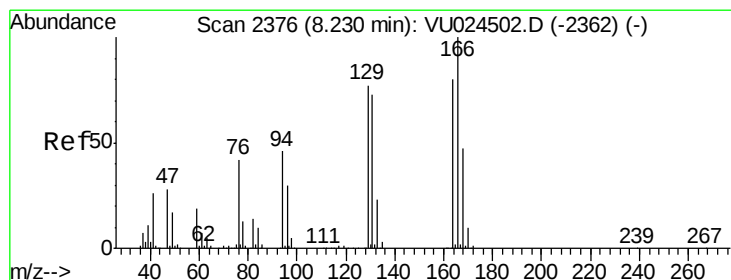
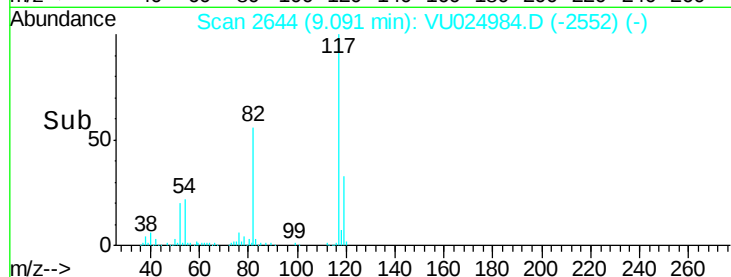
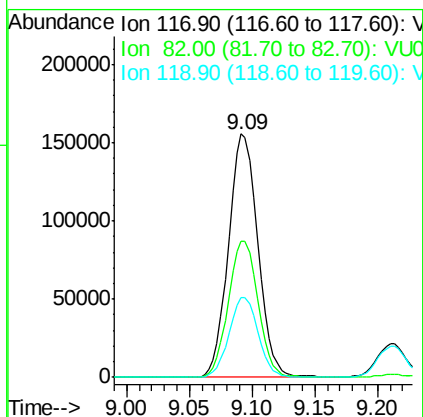
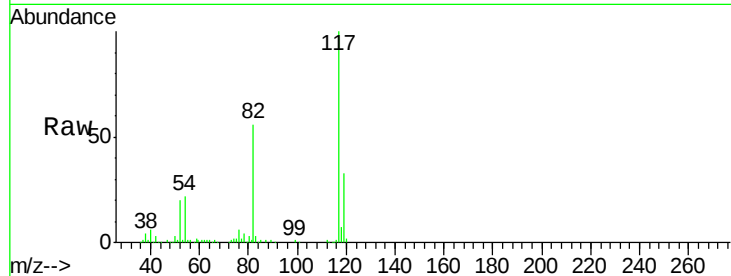
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD04

Tot Ion	Ratio	Resp	Lower	Upper
117	100	253629		
82	56.1		44.3	66.5
119	32.6		25.4	38.2

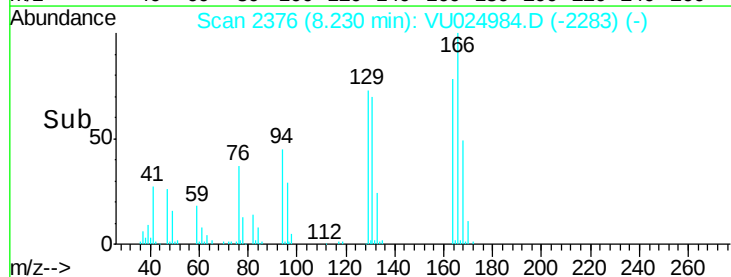
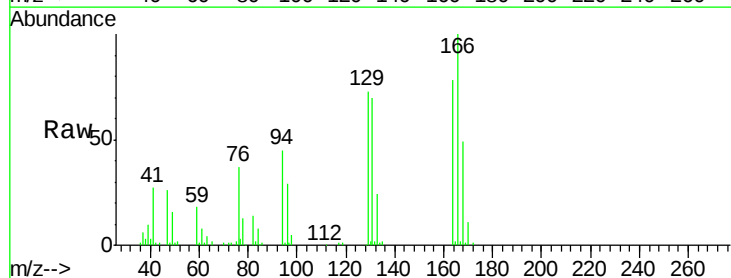
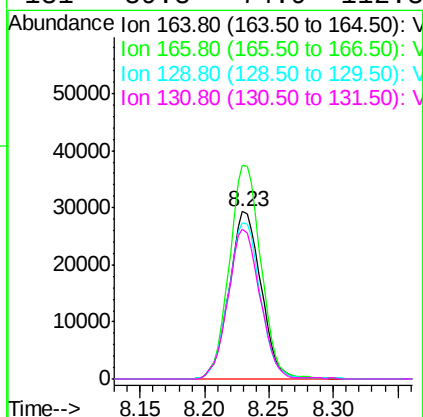
Manual Integrations
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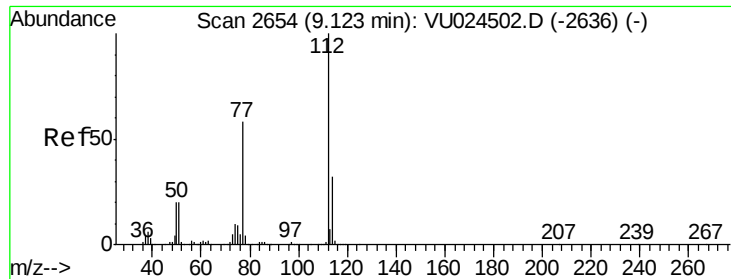
MMDadoda
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#64
Tetrachloroethene
Concen: 20.98 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	50577		
166	127.6		101.7	152.5
129	93.5		76.9	115.3
131	89.8		74.9	112.3





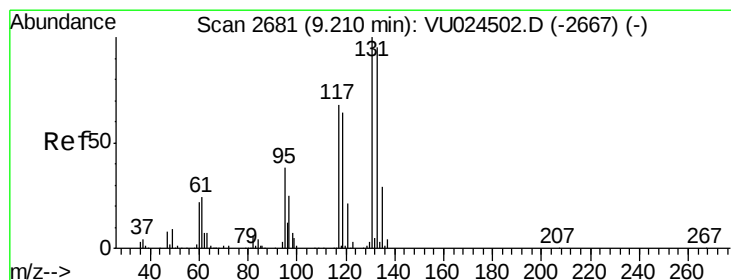
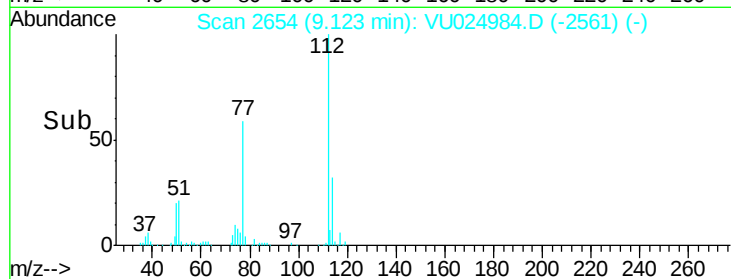
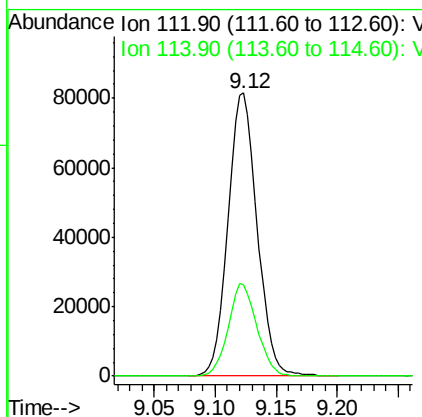
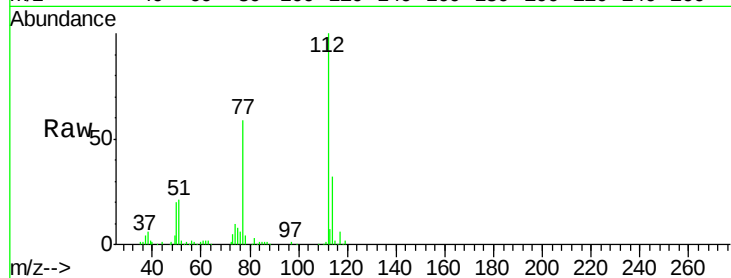
#65
Chlorobenzene
Concen: 21.04 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD04

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.6	38.4

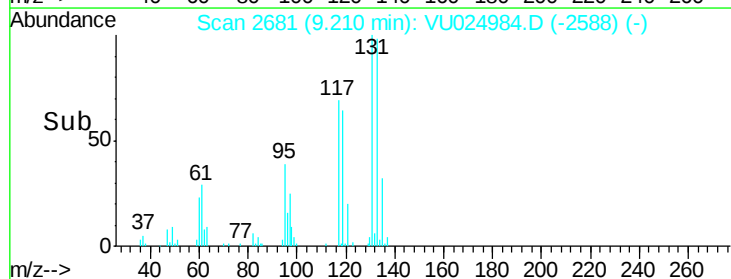
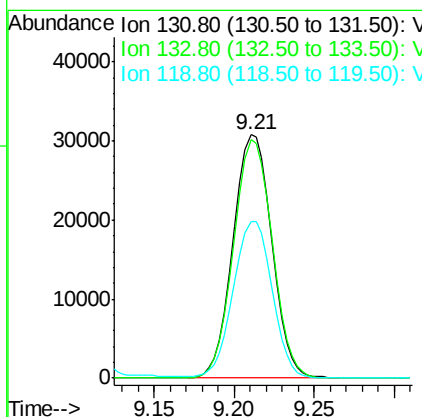
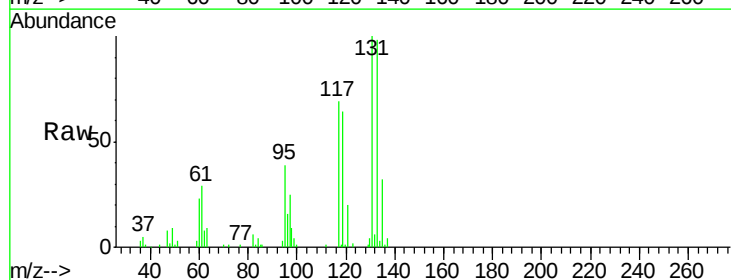
Manual Integrations
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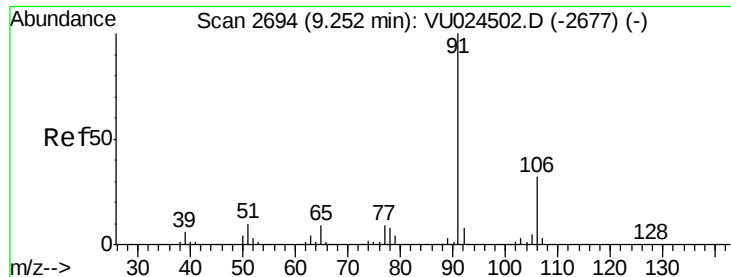
MMDadoda
6/28/2018 4:37:04 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.65 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.7	46.9	140.8
119	64.8	33.5	100.4





#67

Ethyl Benzene

Concen: 20.63 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD04

Tot Ion: 91 Resp: 234334

Ion Ratio Lower Upper

91 100

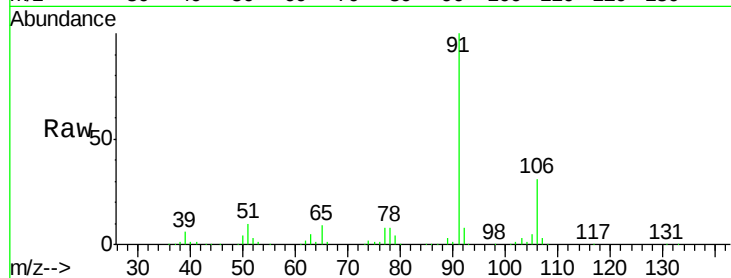
106 30.8 24.2 36.4

Manual Integrations

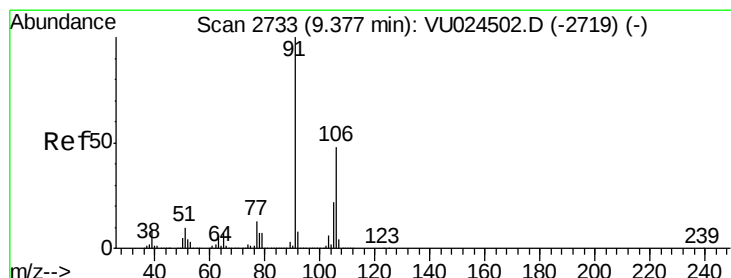
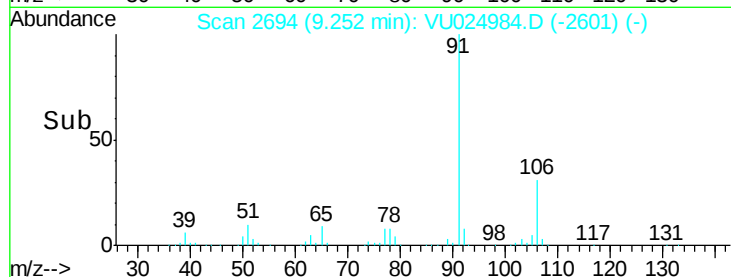
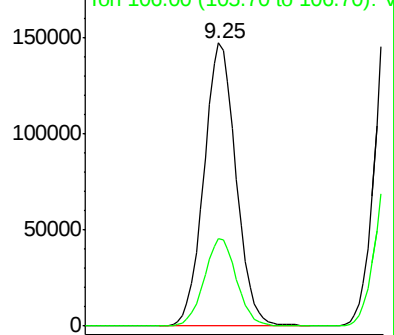
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Abundance Ion 91.00 (90.70 to 91.70): VU024984.D (-2601) (-)



#68

m/p-Xylenes

Concen: 41.74 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU024984.D

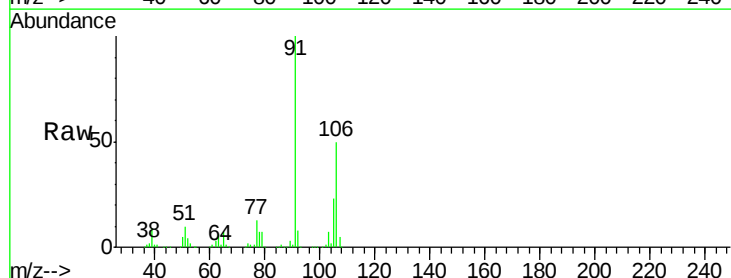
Acq: 27 Jun 2018 22:55

Tgt Ion: 106 Resp: 182054

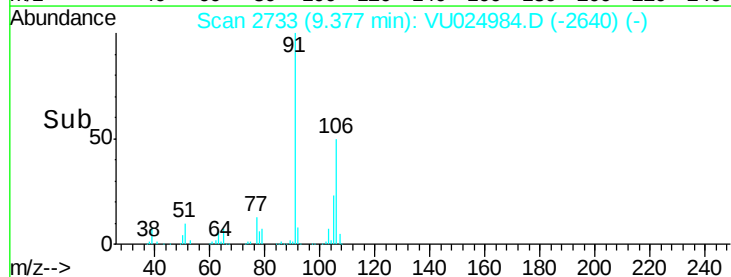
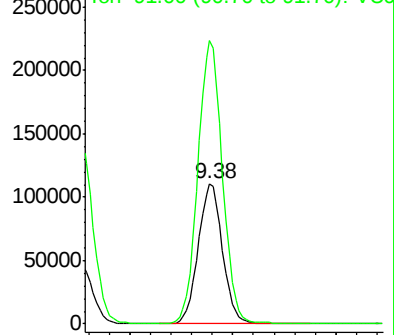
Ion Ratio Lower Upper

106 100

91 203.1 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): VU024984.D (-2640) (-)





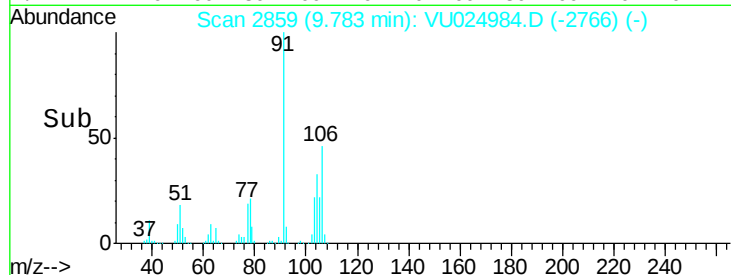
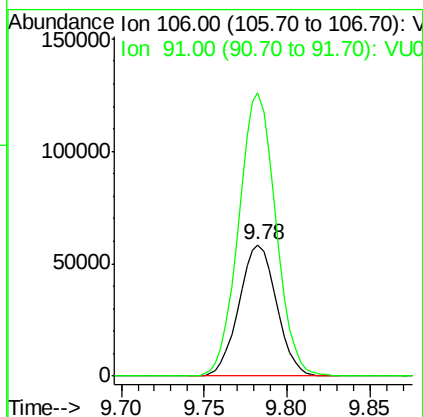
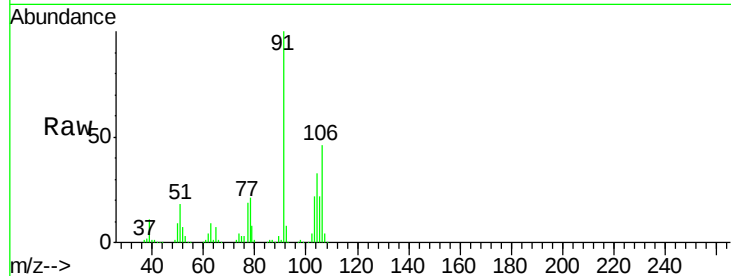
#69
o-Xylene
Concen: 21.30 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD04

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	213.4	110.7	331.9	

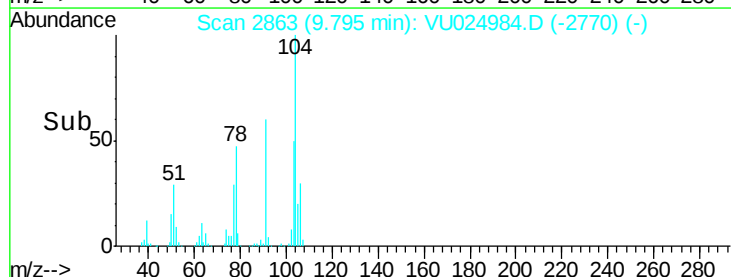
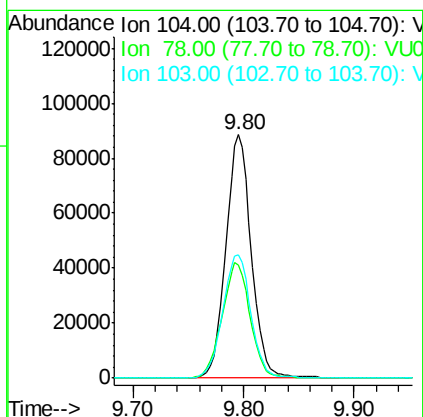
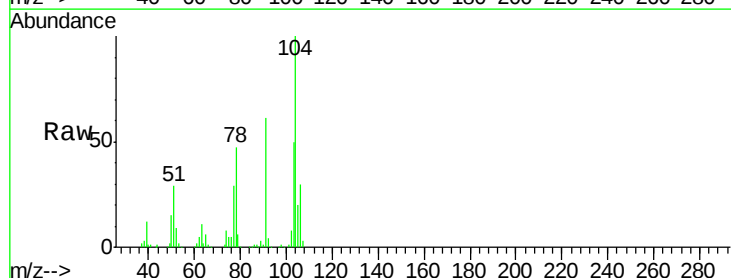
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#70
Styrene
Concen: 19.92 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	52.6	40.6	60.8	
103	56.1	44.7	67.1	





#71

Bromoform

Concen: 18.08 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

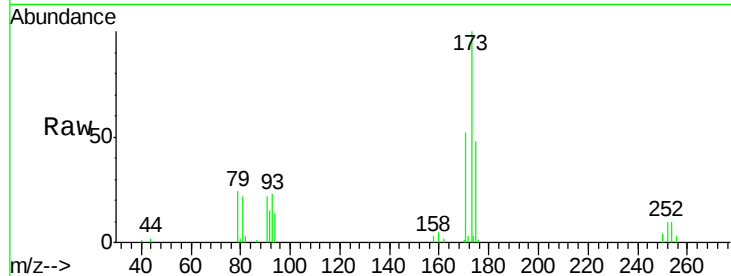
ClientSampleId :

VU0627MBSD04

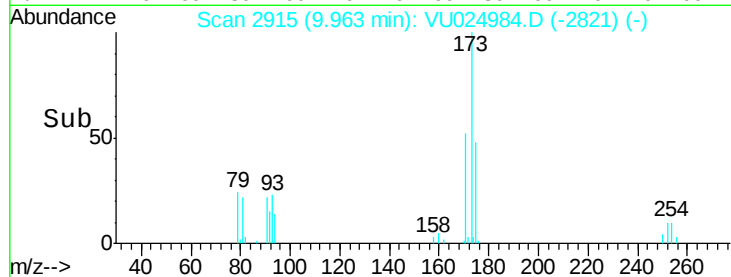
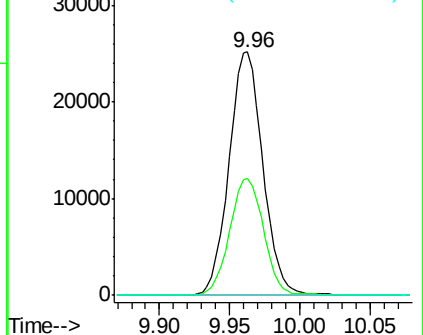
Tot Ion:	173	Resp:	42297
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.6	74.0
254	0.0	0.0	0.0

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

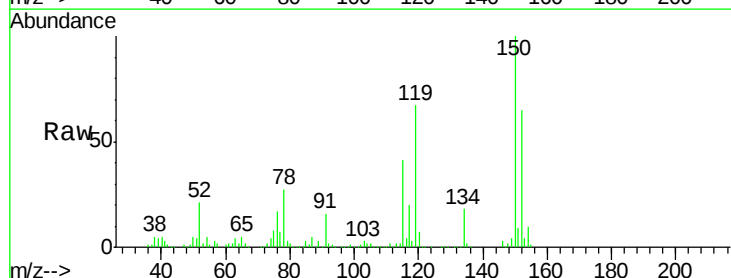
RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

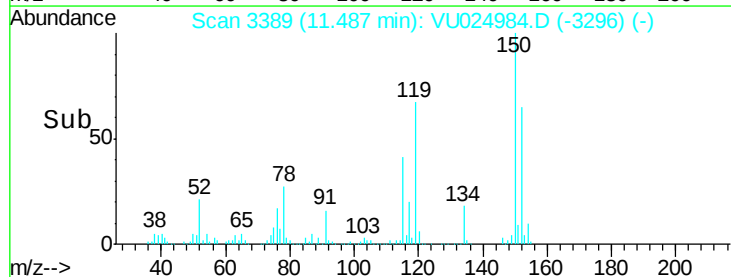
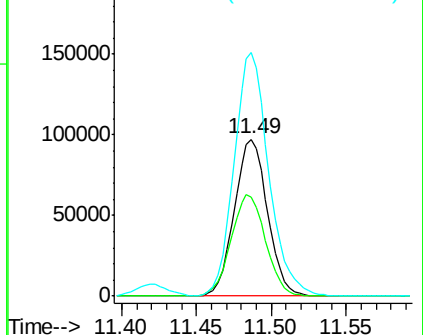
Lab File: VU024984.D

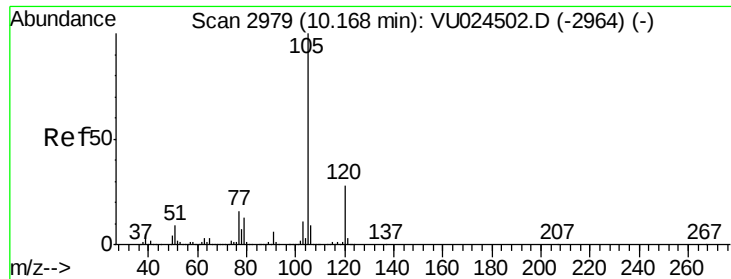
Acq: 27 Jun 2018 22:55

Tgt Ion:	152	Resp:	149830
Ion Ratio	Lower	Upper	
152	100		
115	67.3	43.0	129.0
150	162.4	0.0	354.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.13 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD04

Tot Ion:105 Resp: 243090

Ion Ratio Lower Upper

105 100

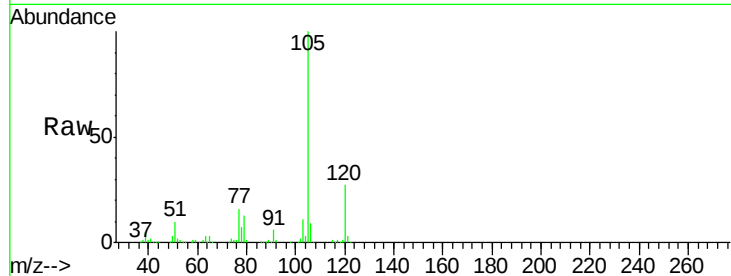
120 26.6 13.2 39.6

Manual Integrations

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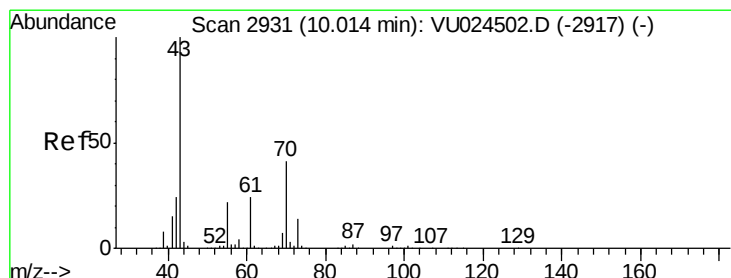
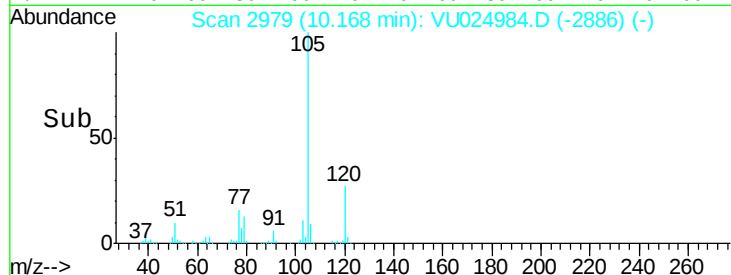
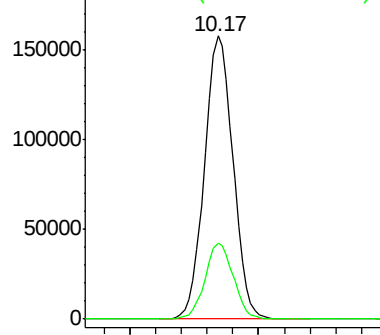
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.46 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Tgt Ion: 43 Resp: 100985

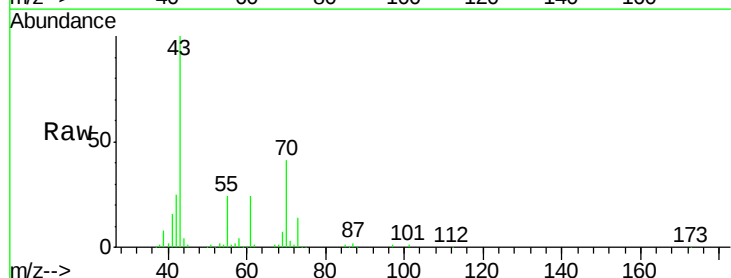
Ion Ratio Lower Upper

43 100

70 41.0 32.2 48.4

55 24.1 20.5 30.7

61 24.0 18.7 28.1

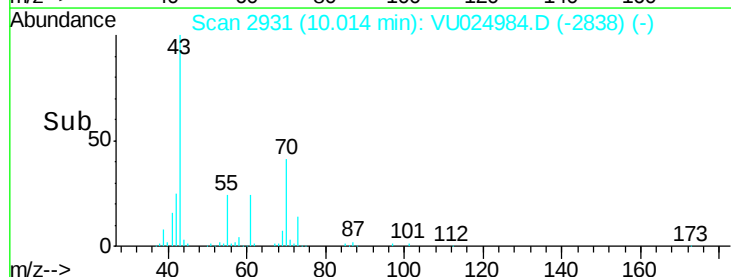
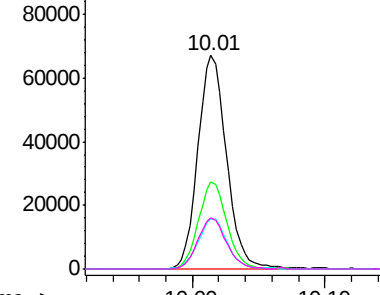


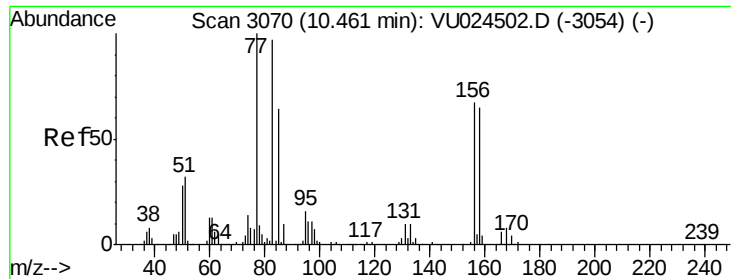
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.72 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD04

Tot Ion: 83 Resp: 79874

Ion Ratio Lower Upper

83 100

131 11.0 4.7 14.1

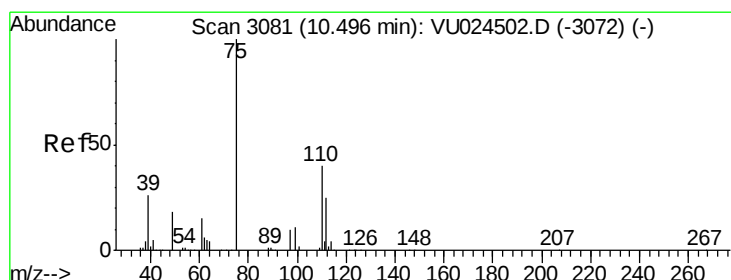
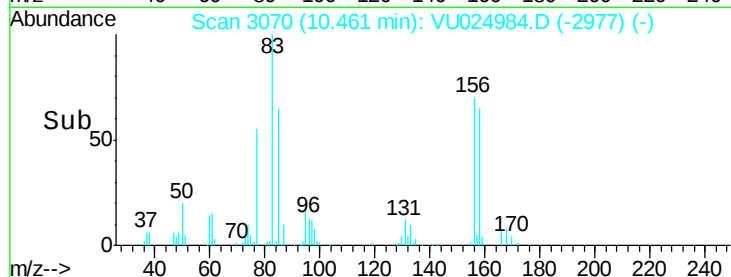
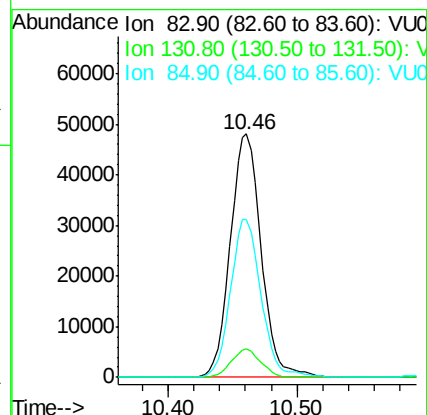
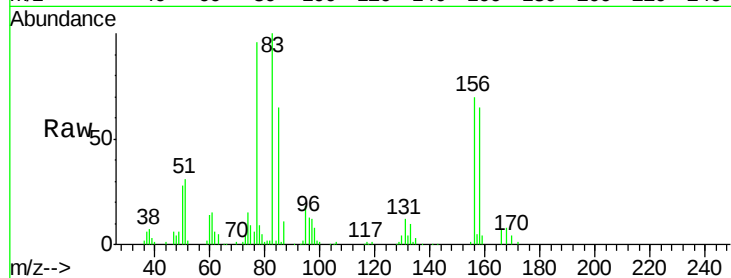
85 64.3 32.5 97.5

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#76

1,2,3-Trichloropropane

Concen: 21.49 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU024984.D

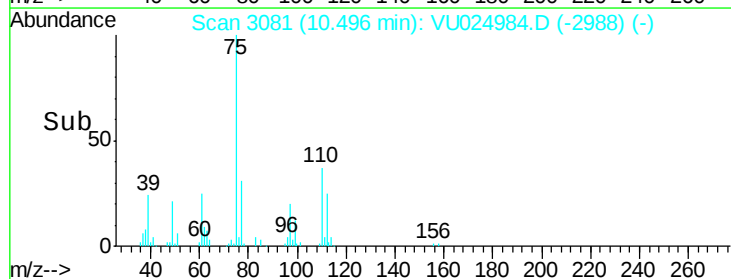
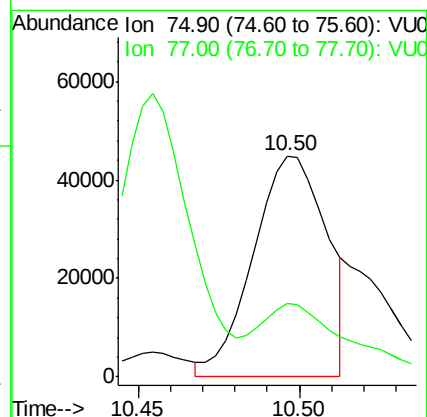
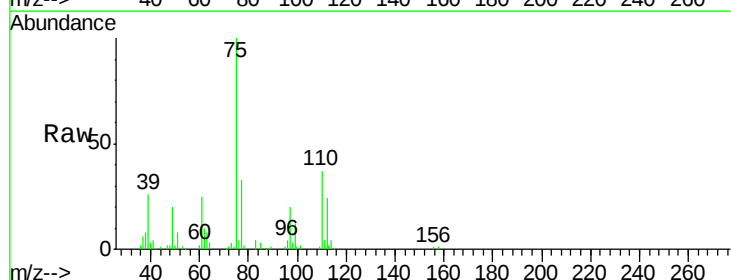
Acq: 27 Jun 2018 22:55

Tgt Ion: 75 Resp: 70873

Ion Ratio Lower Upper

75 100

77 40.5 20.9 62.7





#77

Bromobenzene

Concen: 21.09 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

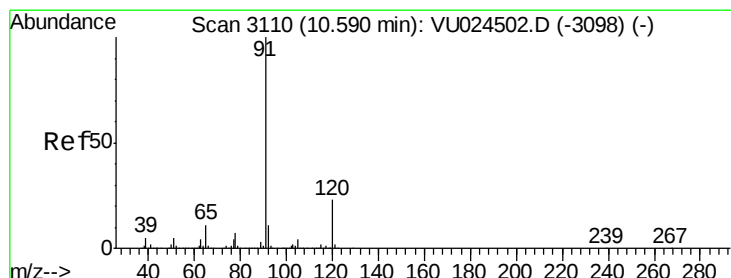
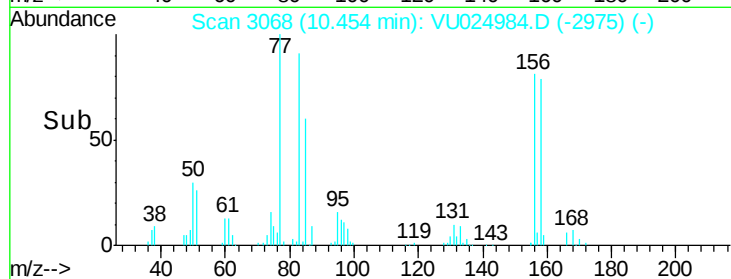
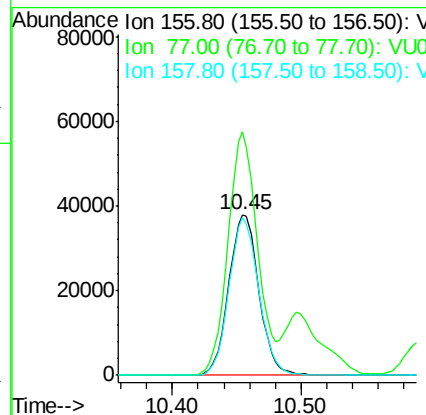
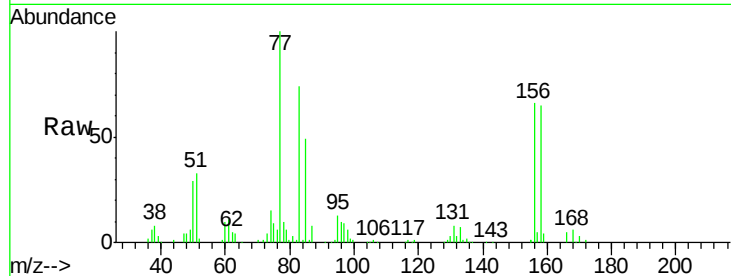
ClientSampleId :

VU0627MBSD04

Tot Ion	Ratio	Lower	Upper
156	100		
77	148.2	80.5	241.3
158	97.0	48.2	144.6

Manual Integrations
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#78

n-propylbenzene

Concen: 20.07 ug/l

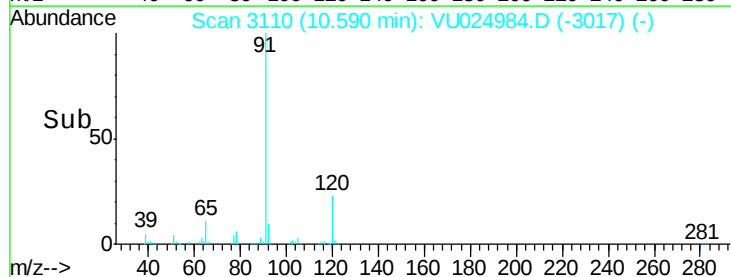
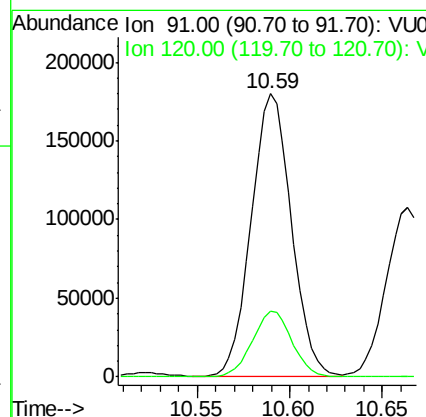
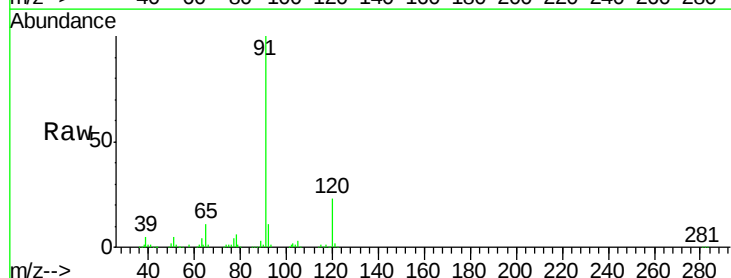
RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.2	33.5





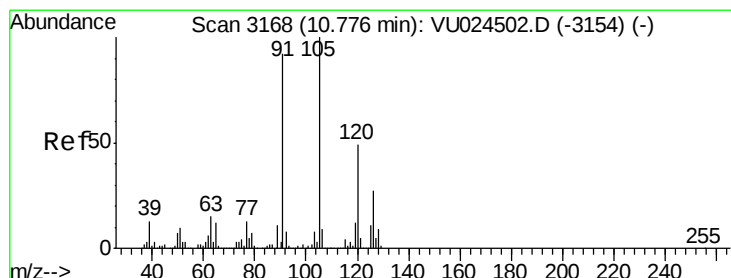
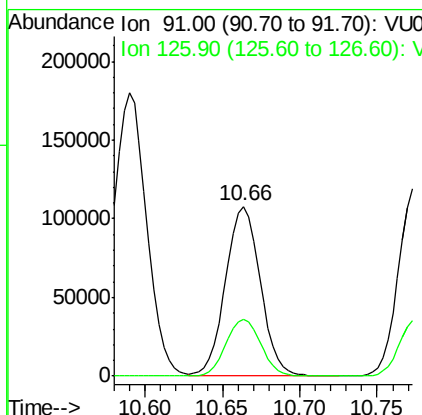
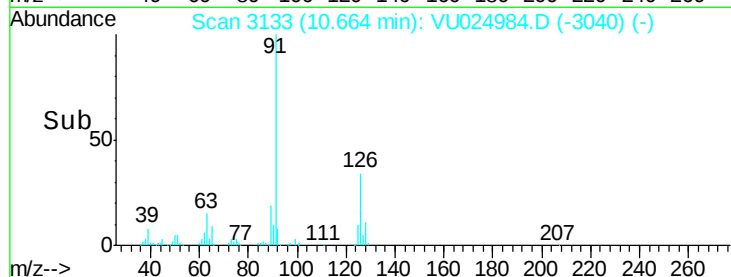
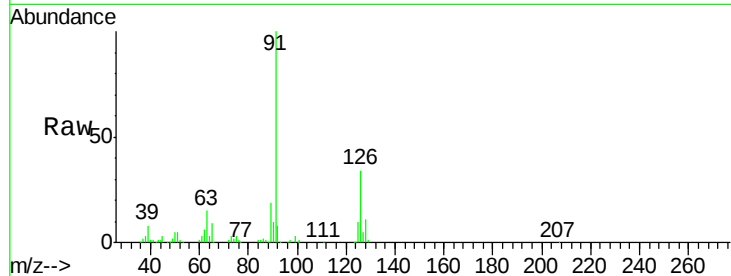
#79
 2-Chlorotoluene
 Concen: 21.00 ug/l
 RT: 10.66 min Scan# 3133
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD04

Tot Ion: 91 Resp: 167848
 Ion Ratio Lower Upper
 91 100
 126 33.9 16.9 50.7

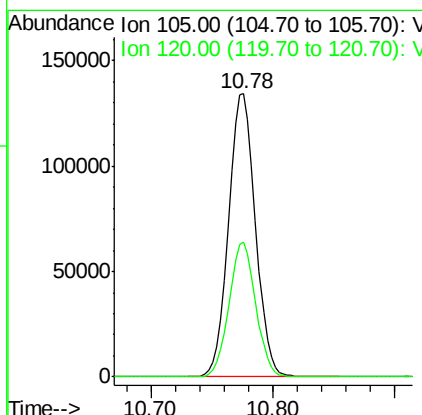
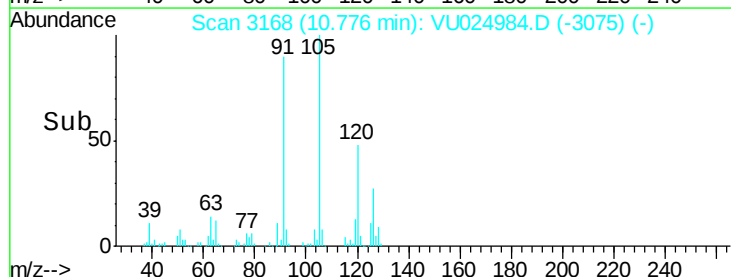
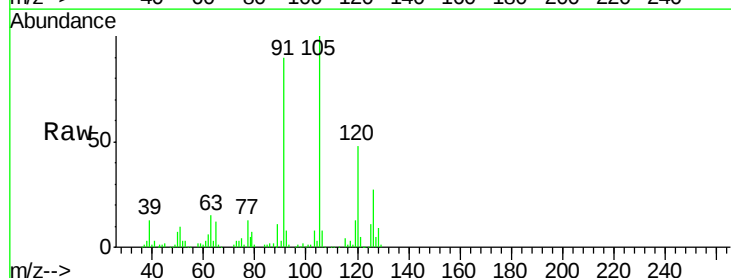
Manual Integrations
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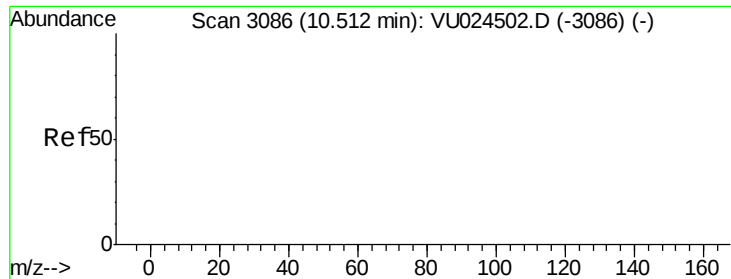
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.77 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Tgt Ion: 105 Resp: 207039
 Ion Ratio Lower Upper
 105 100
 120 47.2 24.1 72.2





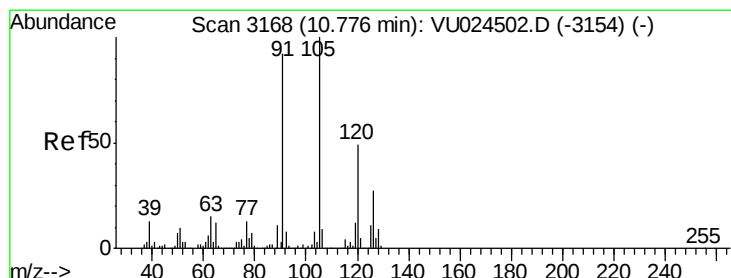
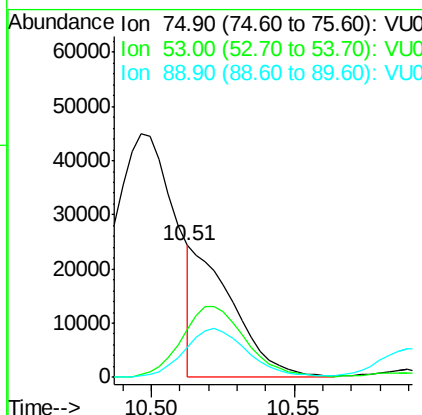
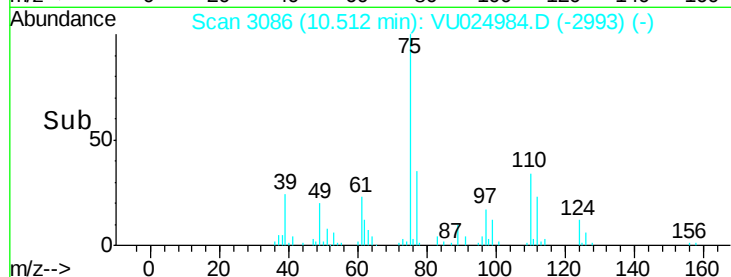
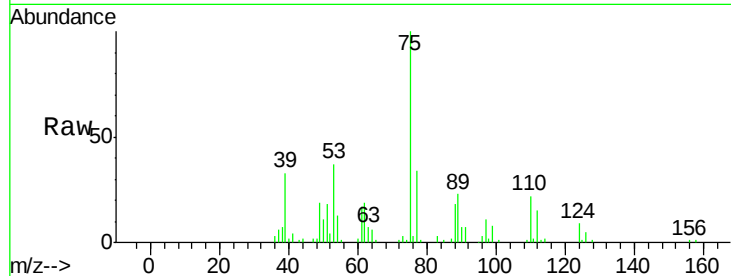
#81
trans-1,4-Dichloro-2-butene
Concen: 17.24 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBSD04

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

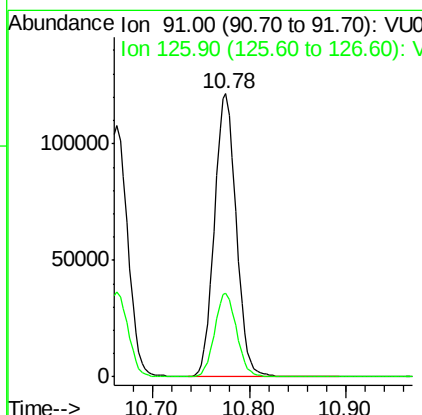
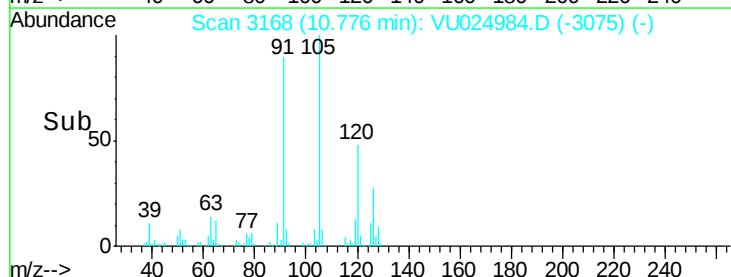
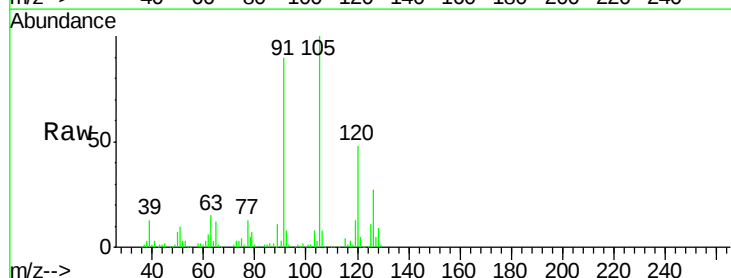
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#82
4-Chlorotoluene
Concen: 20.56 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.7	14.9	44.9





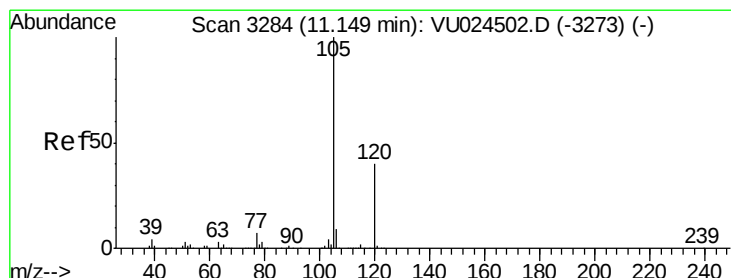
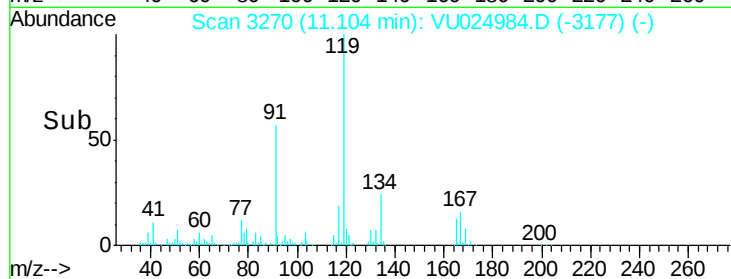
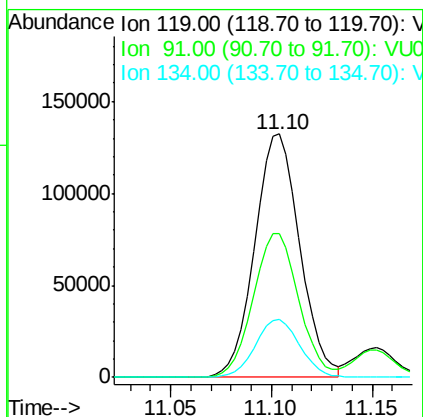
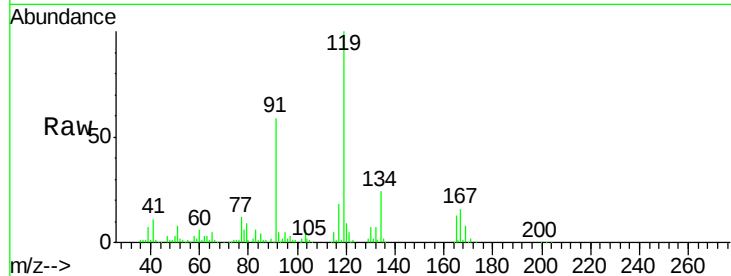
#83
 tert-Butylbenzene
 Concen: 21.51 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD04

Tot Ion	Ratio	Resp	Lower	Upper
119	100	206336		
91	59.6		29.7	89.1
134	23.5		11.6	34.7

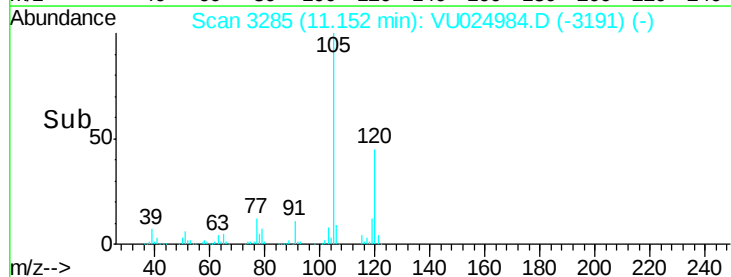
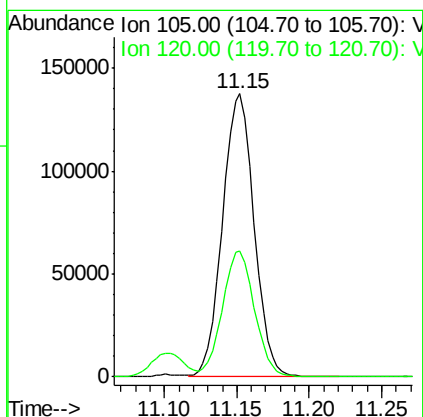
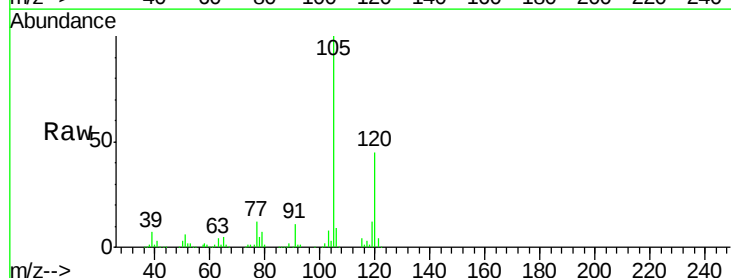
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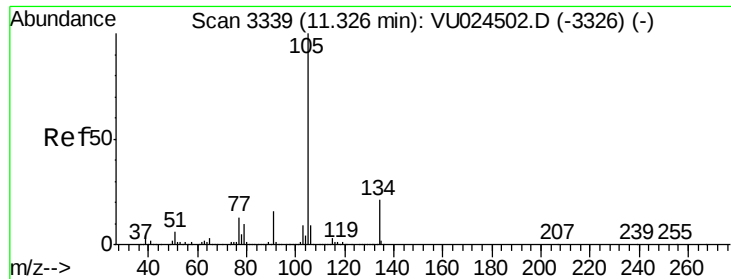
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.44 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	207640		
120	45.4		22.6	67.8





#85

sec-Butylbenzene

Concen: 20.27 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

ClientSampleId :

VU0627MBSD04

Tot Ion:105 Resp: 243325

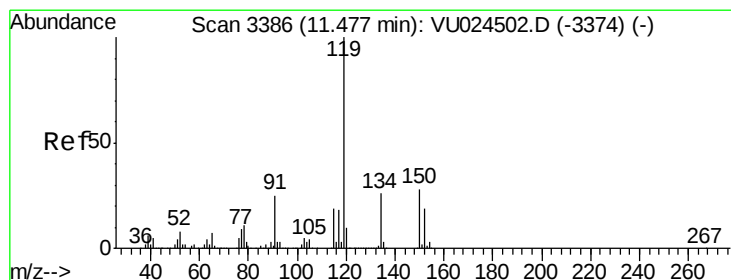
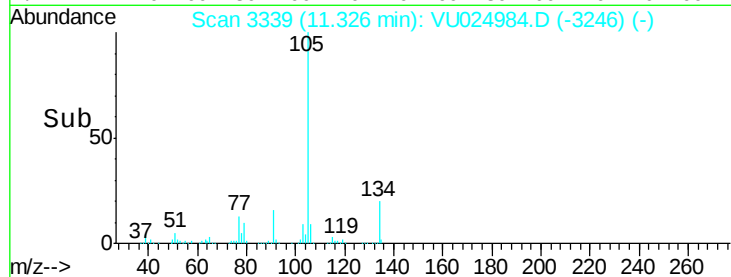
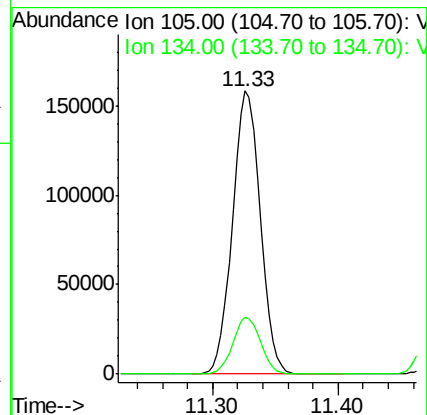
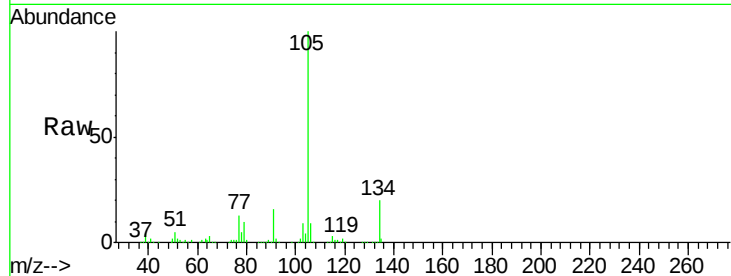
Ion Ratio Lower Upper

105 100

134 19.9 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 20.06 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

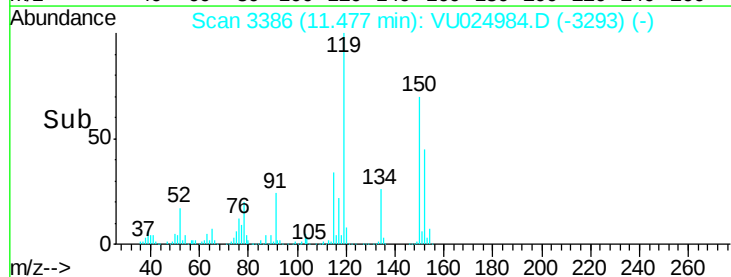
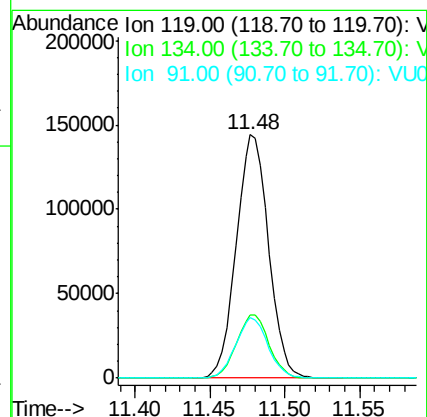
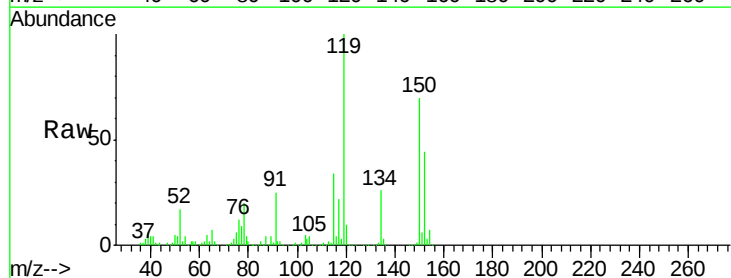
Tgt Ion:119 Resp: 215679

Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.6

91 24.8 12.0 36.1





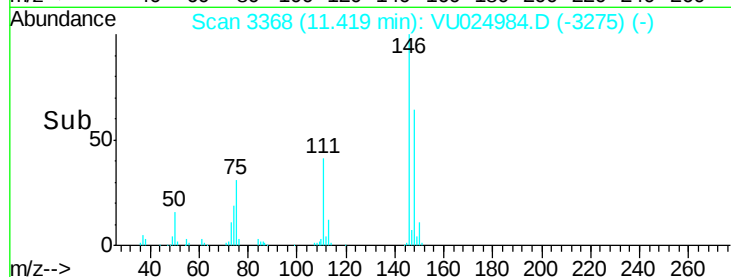
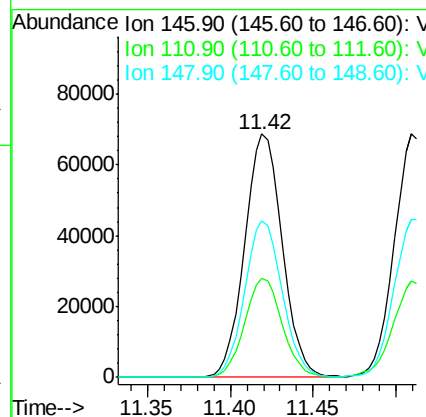
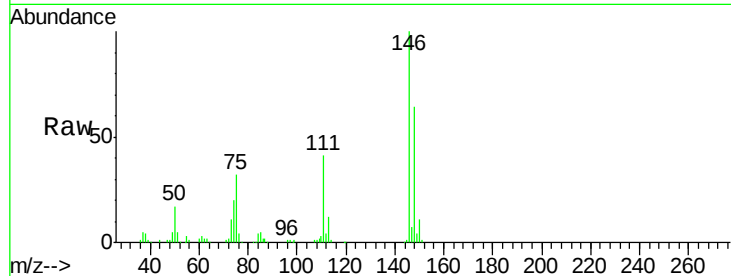
#87
 1,3-Dichlorobenzene
 Concen: 20.19 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD04

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	60.0
148	64.1	32.1	96.5

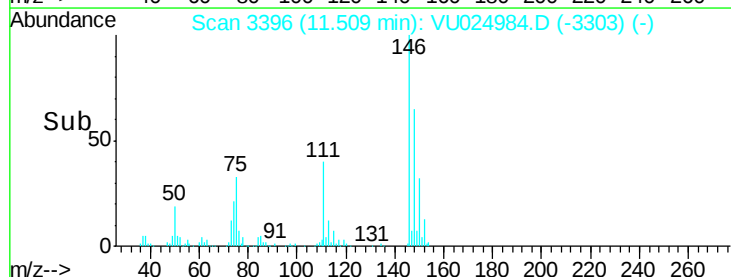
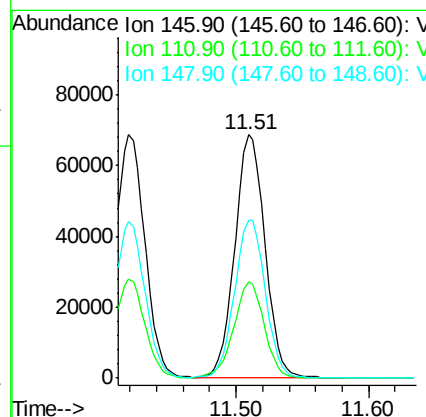
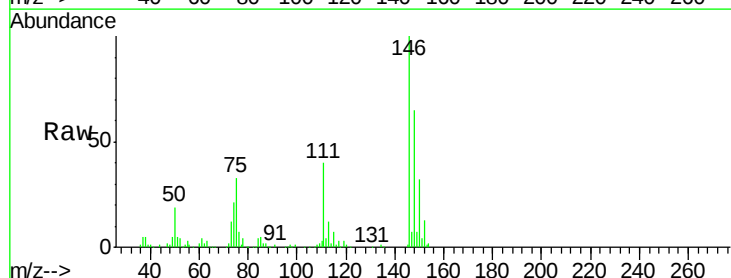
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#88
 1,4-Dichlorobenzene
 Concen: 20.15 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.5	58.5
148	65.5	32.4	97.0





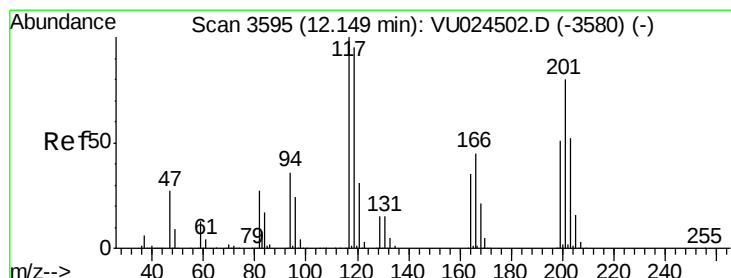
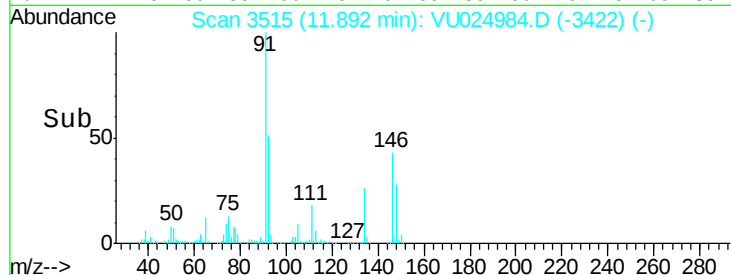
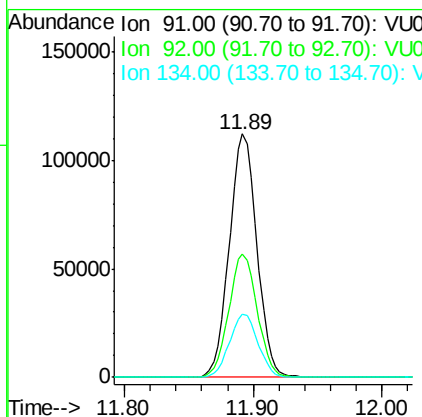
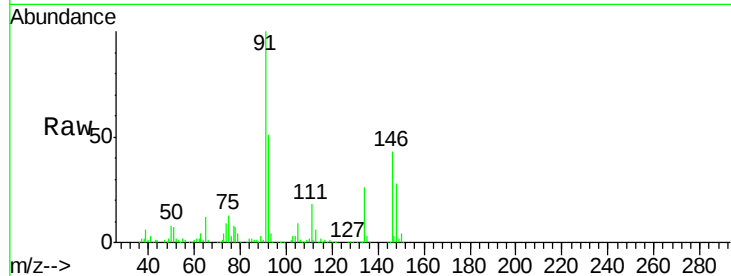
#89
n-Butylbenzene
Concen: 17.43 ug/l
RT: 11.89 min Scan# 3515
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Instrument :
MSVOA_U
ClientSampleId :
VU0627MBS04

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	25.6	76.8
134	26.9	12.3	36.8

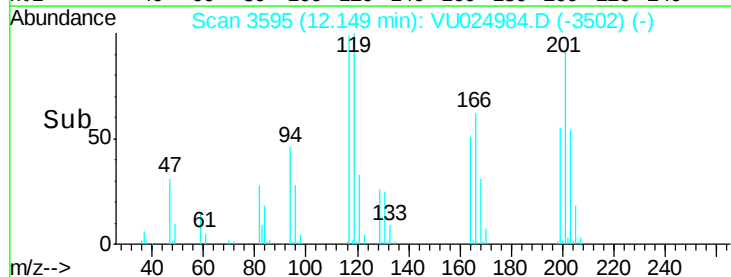
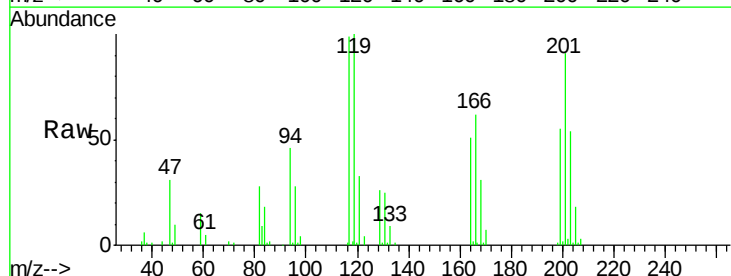
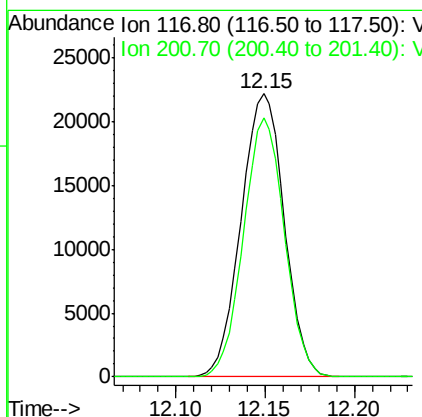
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#90
Hexachloroethane
Concen: 17.86 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU024984.D
Acq: 27 Jun 2018 22:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.8	41.1	123.3





#91

1,2-Dichlorobenzene

Concen: 21.00 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

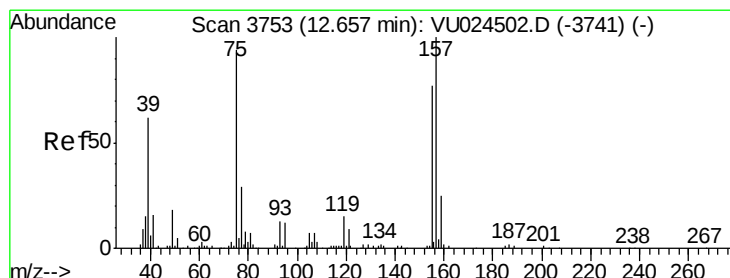
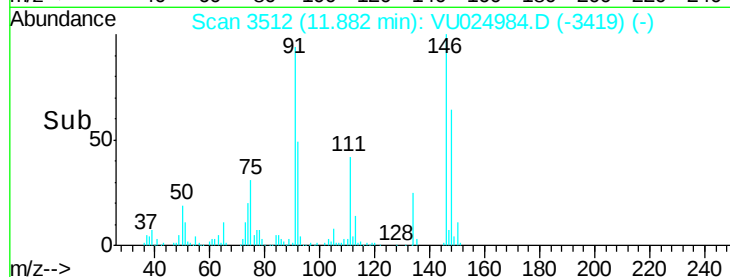
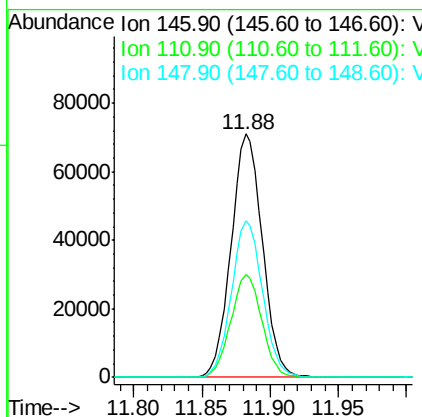
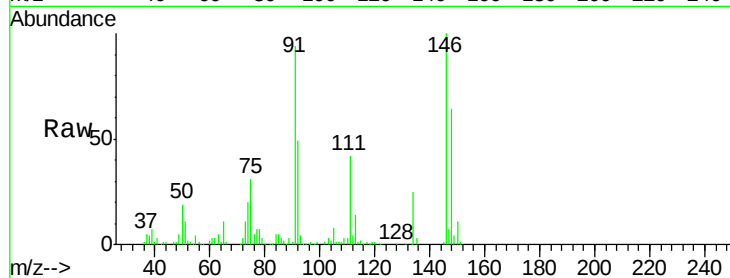
ClientSampleId :

VU0627MBSD04

Tot Ion:	146	Resp:	113195
Ion Ratio	Lower	Upper	
146	100		
111	41.7	20.5	61.6
148	63.8	31.9	95.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.74 ug/l

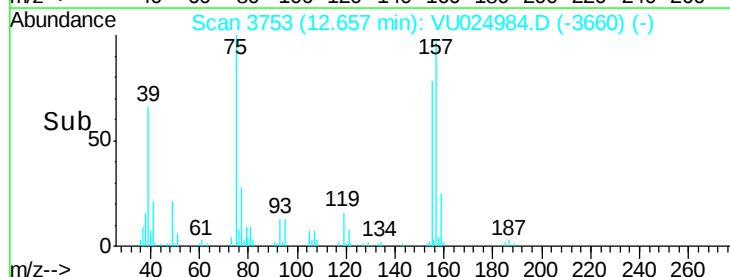
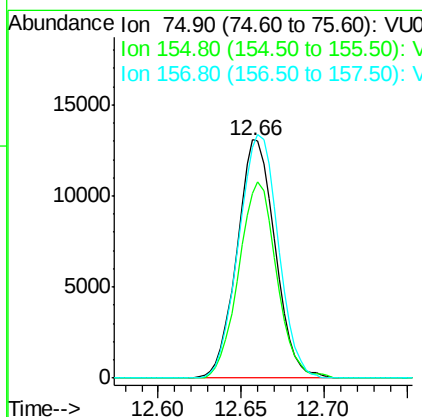
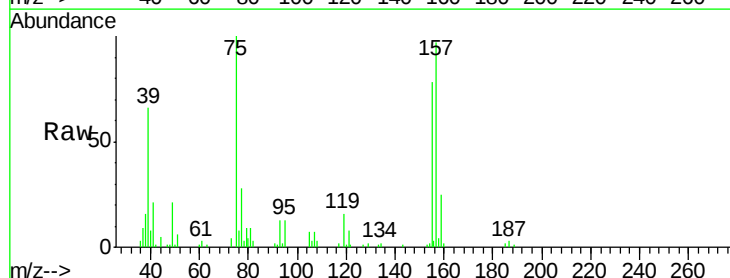
RT: 12.66 min Scan# 3753

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Tgt Ion:	75	Resp:	20993
Ion Ratio	Lower	Upper	
75	100		
155	81.6	40.4	121.2
157	106.2	52.3	156.8





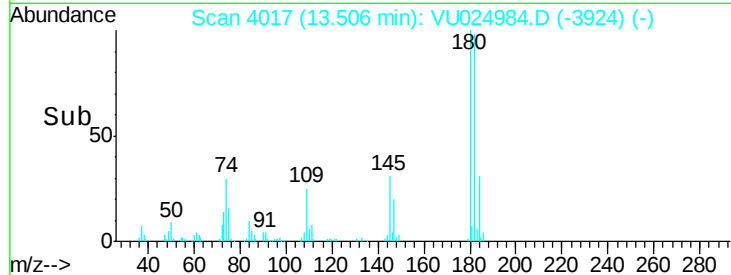
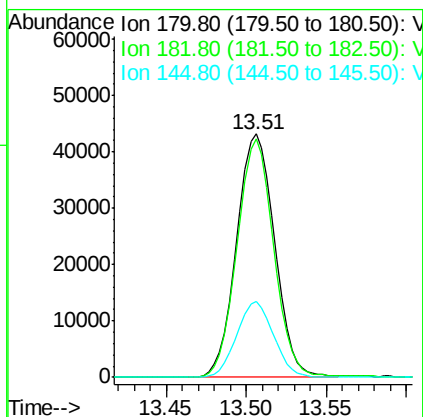
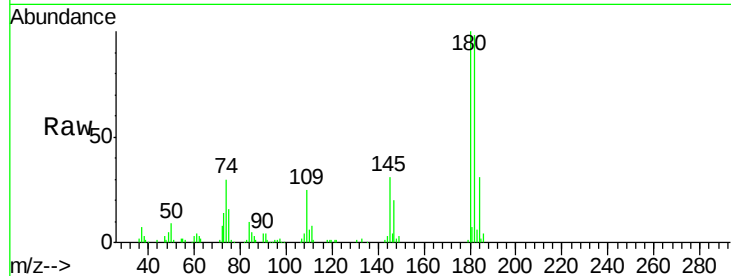
#93
 1,2,4-Trichlorobenzene
 Concen: 21.06 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0627MBSD04

Tot Ion	Ratio	Resp	Lower	Upper
180	100	70075		
182	94.3		48.0	144.2
145	30.2		14.7	44.1

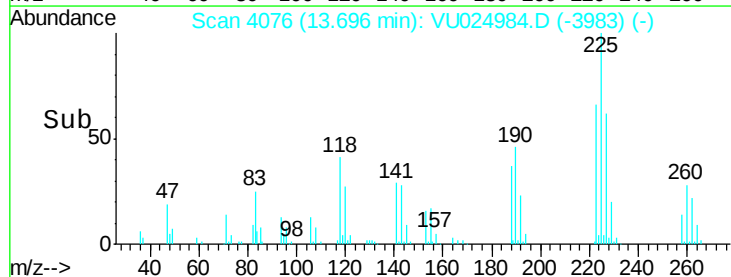
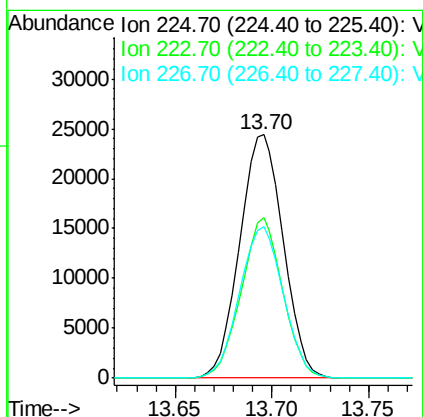
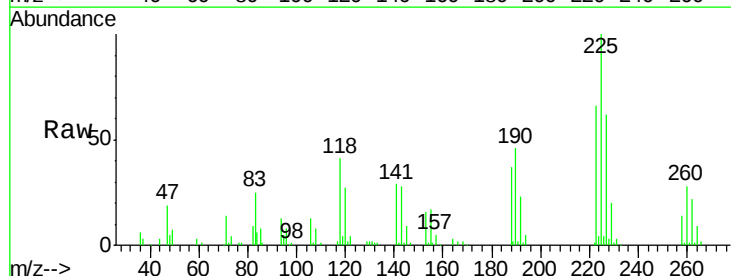
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#94
 Hexachlorobutadiene
 Concen: 20.44 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU024984.D
 Acq: 27 Jun 2018 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	38285		
223	62.8		31.3	93.8
227	62.6		31.8	95.4





#95

Naphthalene

Concen: 22.18 ug/l

RT: 13.74 min Scan# 4091

Delta R.T. 0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Instrument :

MSVOA_U

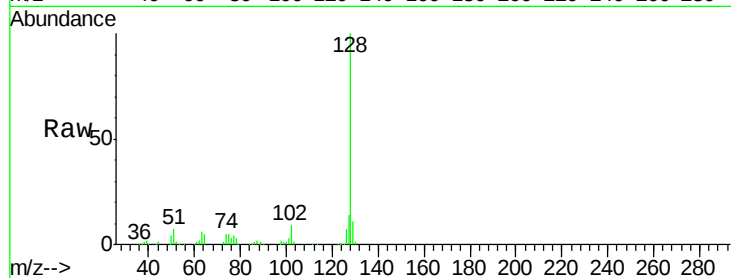
ClientSampleId :

VU0627MBSD04

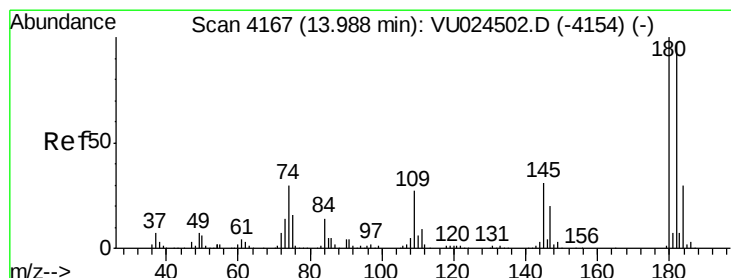
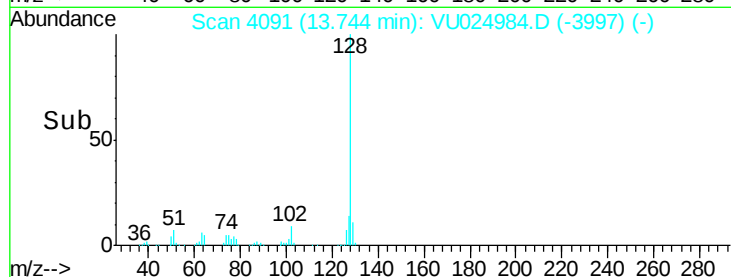
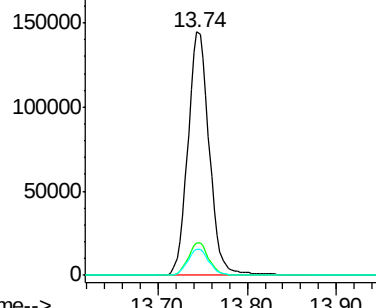
Tot Ion:	128	Resp:	240114
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	16.0
129	10.9	8.6	12.8

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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.38 ug/l

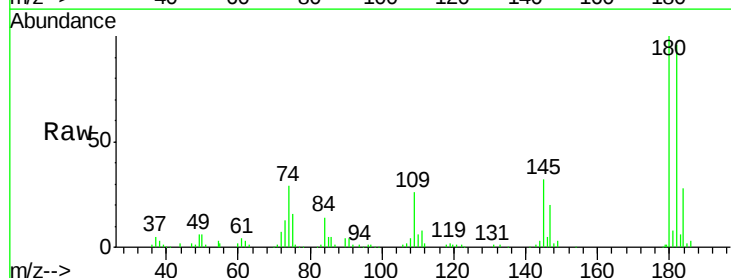
RT: 13.99 min Scan# 4167

Delta R.T. -0.00 min

Lab File: VU024984.D

Acq: 27 Jun 2018 22:55

Tgt Ion:	180	Resp:	74212
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.9	143.7
145	32.6	15.4	46.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

