

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120418\
 Data File : VX006287.D
 Acq On : 04 Dec 2018 19:08
 Operator : JC/MD
 Sample : J6139-03MSD
 Misc : 5.93g/5mL/100ul/5.00ml/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0483MSD

Manual Integrations
 APPROVED

MMDadoda
 12/5/2018 10:12:06 AM

Quant Time: Dec 05 01:19:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	616398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	925043	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	821299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	468267	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	325650	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
35) Dibromofluoromethane	5.51	113	316588	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
50) Toluene-d8	8.71	98	1099906	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.14	95	431063	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	275228	45.602	ug/l	100
3) Chloromethane	1.33	50	258044	41.605	ug/l	97
4) Vinyl Chloride	1.41	62	276390	41.406	ug/l	94
5) Bromomethane	1.64	94	91364	19.750	ug/l	99
6) Chloroethane	1.71	64	149572	36.545	ug/l	97
7) Trichlorofluoromethane	1.88	101	267621	26.118	ug/l	98
8) Diethyl Ether	2.20	74	182591	47.085	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.34	101	260559	44.721	ug/l	98
10) Methyl Iodide	2.48	142	162102	18.462	ug/l	100
11) Tert butyl alcohol	3.14	59	13349	7.757	ug/l #	73
12) 1,1-Dichloroethene	2.34	96	249844	44.795	ug/l	94
13) Acrolein	2.31	56	181434	192.903	ug/l	99
14) Allyl chloride	2.71	41	390783	35.468	ug/l	88
15) Acrylonitrile	3.18	53	790392	220.105	ug/l	99
16) Acetone	2.49	43	681169	230.670	ug/l	100
17) Carbon Disulfide	2.53	76	723564	42.100	ug/l	100
18) Methyl Acetate	2.80	43	479966	48.602	ug/l	100
19) Methyl tert-butyl Ether	3.23	73	905809	45.524	ug/l	98
20) Methylene Chloride	2.84	84	277747	44.194	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	273889	46.080	ug/l	94
22) Diisopropyl ether	3.90	45	792597	46.056	ug/l	94
23) Vinyl Acetate	3.83	43	2926359	199.367	ug/l	100
24) 1,1-Dichloroethane	3.68	63	474898	48.279	ug/l	98
25) 2-Butanone	4.74	43	919730	218.281	ug/l	98
26) 2,2-Dichloropropane	4.57	77	403505	44.449	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	349618	52.733	ug/l	97
28) Bromochloromethane	5.01	49	204903	47.690	ug/l	98
29) Tetrahydrofuran	5.18	42	628904	214.762	ug/l	98
30) Chloroform	5.21	83	480769	46.510	ug/l	97
31) Cyclohexane	5.56	56	392338	43.159	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	442891	45.031	ug/l	99
36) 1,1-Dichloropropene	5.79	75	348641	44.756	ug/l	99
37) Ethyl Acetate	4.88	43	394303	45.200	ug/l	99
38) Carbon Tetrachloride	5.77	117	408961	44.627	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	440639	43.578	ug/l	99
40) Benzene	6.13	78	1066985	45.732	ug/l	98
41) Methacrylonitrile	5.09	41	197631	41.172	ug/l	96
42) 1,2-Dichloroethane	6.20	62	354055	46.367	ug/l	99
43) Isopropyl Acetate	6.48	43	628326	43.200	ug/l	100
44) Trichloroethene	7.21	130	352879	49.926	ug/l	93
45) 1,2-Dichloropropane	7.51	63	262506	44.270	ug/l	97
46) Dibromomethane	7.66	93	194574	45.435	ug/l	99
47) Bromodichloromethane	7.90	83	375409	45.267	ug/l	99
48) Methyl methacrylate	7.78	41	307003	43.388	ug/l	98
49) 1,4-Dioxane	7.80	88	155240	890.167	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1873039	221.213	ug/l	98
52) Toluene	8.78	92	679659	44.279	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	425162	43.836	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	449502	44.632	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	291441	46.736	ug/l	99
56) Ethyl methacrylate	9.19	69	437907	44.920	ug/l	98
57) 1,3-Dichloropropane	9.37	76	449603	45.595	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1188656	240.281	ug/l	99
59) 2-Hexanone	9.51	43	1456618	225.172	ug/l	100
60) Dibromochloromethane	9.59	129	342970	44.603	ug/l	100
61) 1,2-Dibromoethane	9.68	107	313930	45.023	ug/l	99
64) Tetrachloroethene	9.34	164	276172	44.651	ug/l	99
65) Chlorobenzene	10.14	112	803964	46.114	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	314834	46.478	ug/l	99
67) Ethyl Benzene	10.25	91	1312695	45.270	ug/l	99
68) m/p-Xylenes	10.36	106	1045452	90.007	ug/l	99
69) o-Xylene	10.70	106	526349	45.877	ug/l	100
70) Styrene	10.71	104	863497	46.534	ug/l	99
71) Bromoform	10.87	173	287502	44.961	ug/l	99
73) Isopropylbenzene	11.02	105	1379044	42.645	ug/l	100
74) N-amyl acetate	10.90	43	593622	42.629	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	470044	45.434	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	455806m	50.430	ug/l	
77) Bromobenzene	11.26	156	387701	43.201	ug/l	99
78) n-propylbenzene	11.36	91	1555807	43.281	ug/l	100
79) 2-Chlorotoluene	11.42	91	927558	43.414	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1162947	43.222	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	157541	40.904	ug/l	93
82) 4-Chlorotoluene	11.51	91	1088845	43.833	ug/l	99
83) tert-Butylbenzene	11.77	119	1247607	43.459	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	1199538	43.175	ug/l	99
85) sec-Butylbenzene	11.94	105	1428843	43.750	ug/l	99
86) p-Isopropyltoluene	12.07	119	1314451	44.696	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	721201	45.164	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	734145	45.296	ug/l	100
89) n-Butylbenzene	12.39	91	1135036	45.234	ug/l	100
90) Hexachloroethane	12.60	117	259648	43.320	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	733319	46.271	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	112937	42.585	ug/l	97

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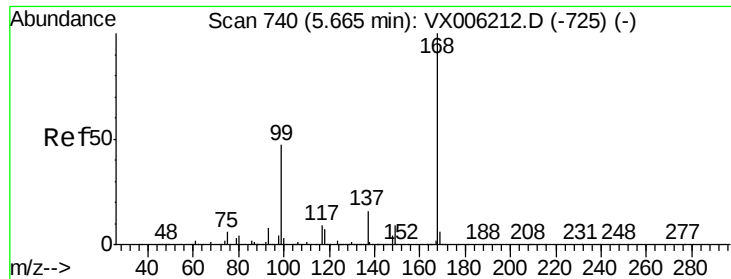
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	560740	48.497	ug/l	99
94) Hexachlorobutadiene	13.79	225	249847	48.862	ug/l	98
95) Naphthalene	13.83	128	1744878	48.515	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	565116	49.346	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

S49-0483MSD

Tgt Ion:168 Resp: 616398

Ion Ratio Lower Upper

168 100

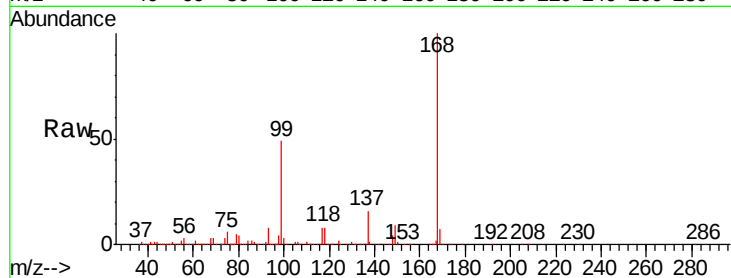
99 48.4 37.8 56.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

150000

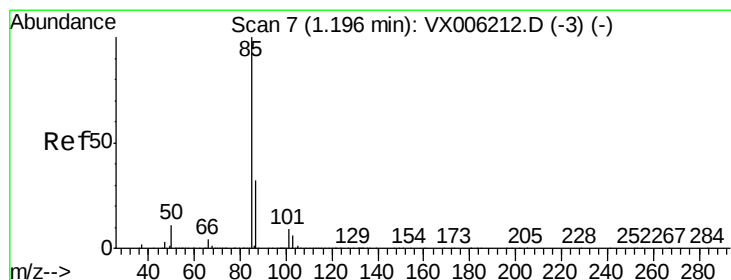
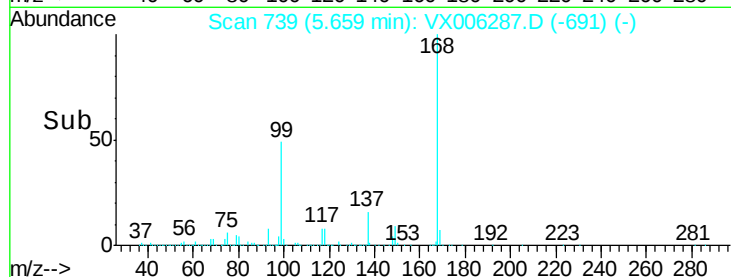
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50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 45.602 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006287.D

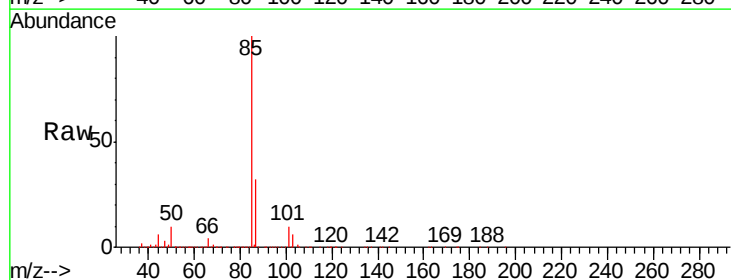
Acq: 04 Dec 2018 19:08

Tgt Ion: 85 Resp: 275228

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

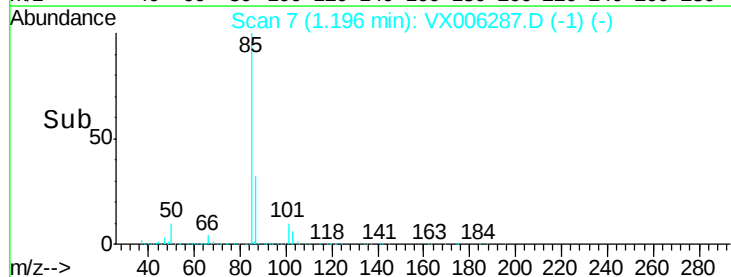
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Time-->

1.10 1.20 1.30





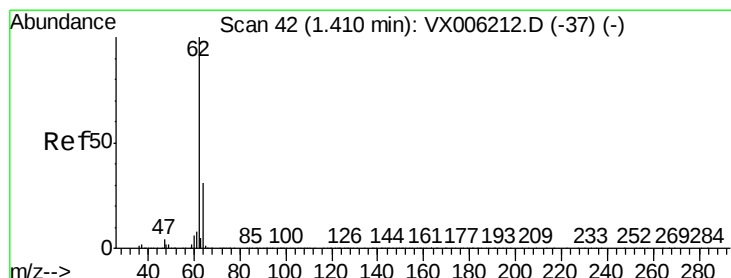
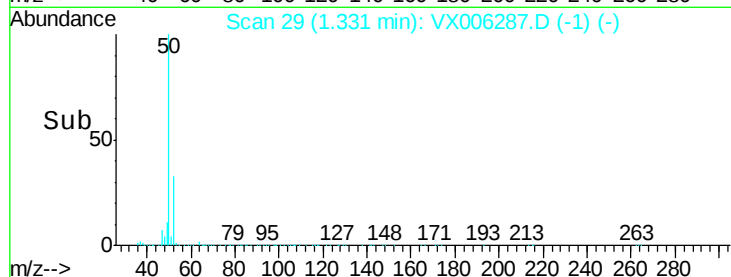
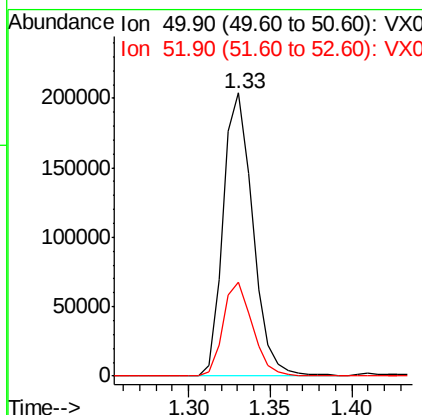
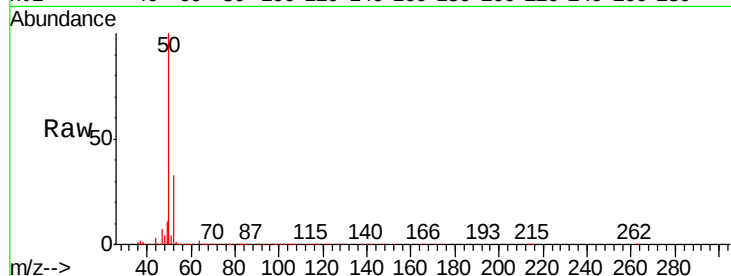
#3
Chloromethane
Concen: 41.605 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :
S49-0483MSD

Tgt Ion	Ratio	Lower	Upper
50	100		
52	33.3	25.2	37.8

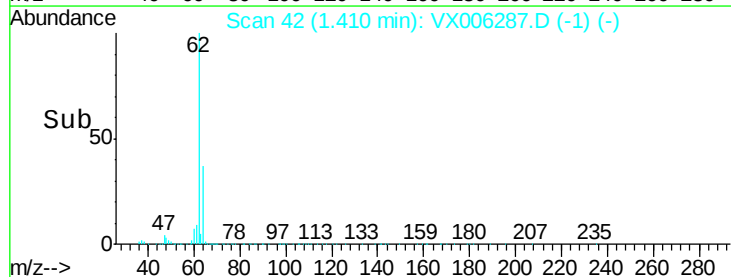
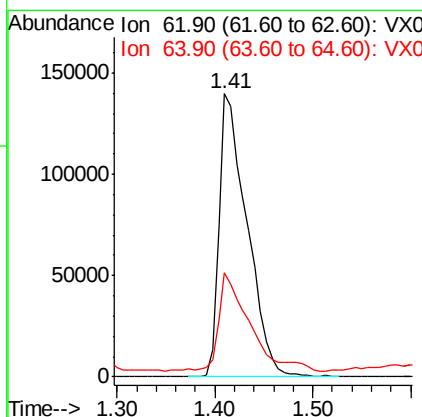
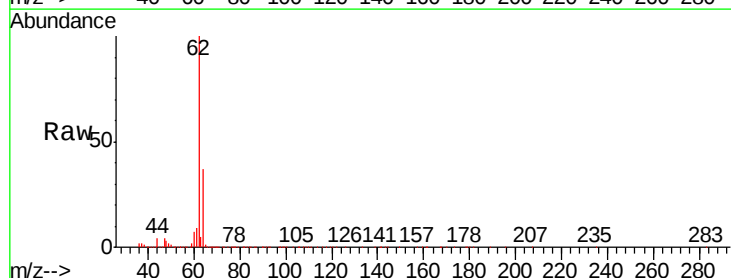
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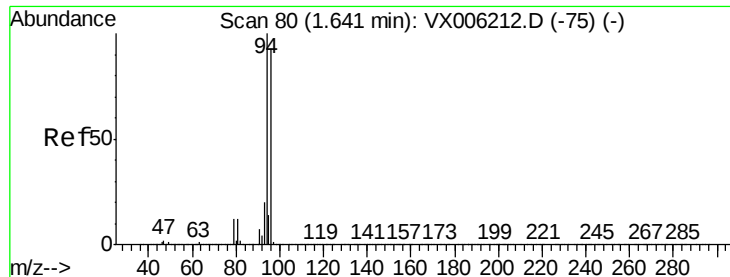
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#4
Vinyl Chloride
Concen: 41.406 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Tgt Ion	Ratio	Lower	Upper
62	100		
64	34.6	24.9	37.3





#5

Bromomethane

Concen: 19.750 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

S49-0483MSD

Tgt Ion: 94 Resp: 91364

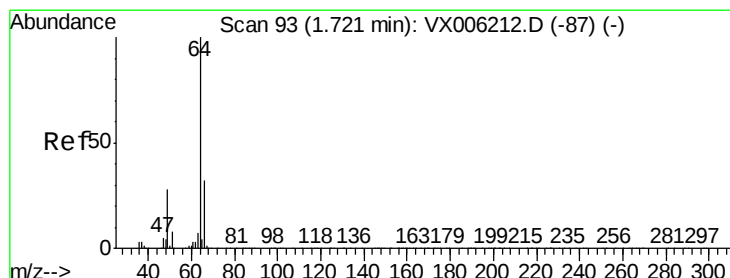
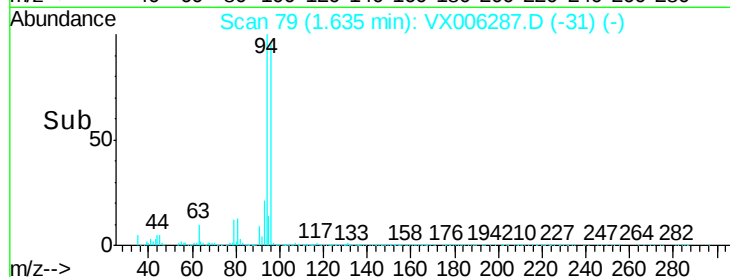
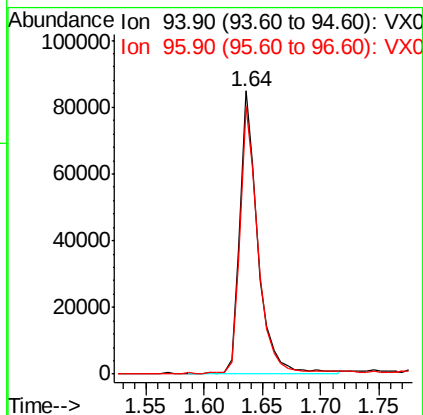
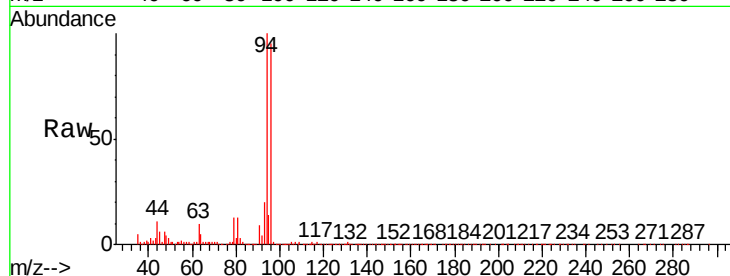
Ion Ratio Lower Upper

94 100

96 94.5 74.5 111.7

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12/5/2018 10:12:06 AM



#6

Chloroethane

Concen: 36.545 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX006287.D

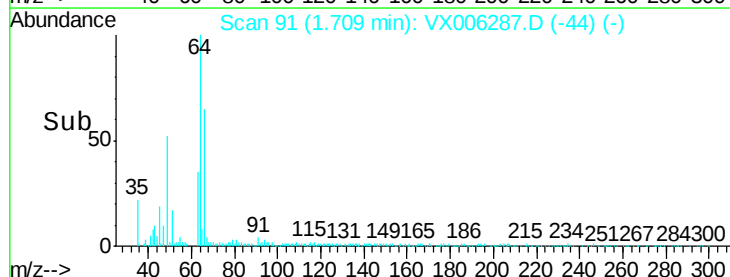
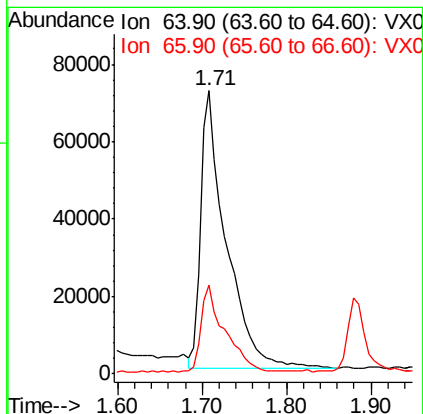
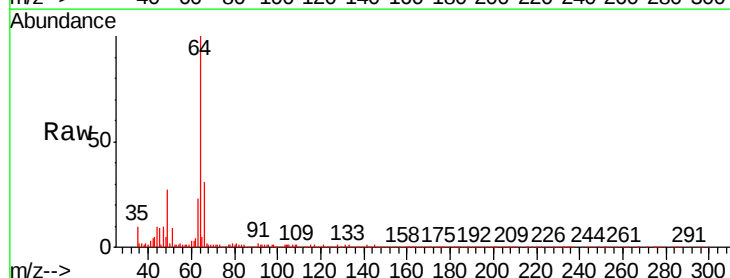
Acq: 04 Dec 2018 19:08

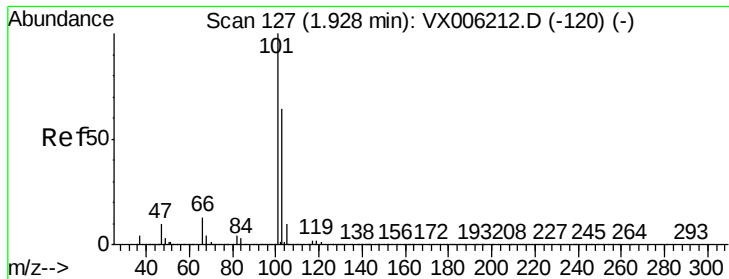
Tgt Ion: 64 Resp: 149572

Ion Ratio Lower Upper

64 100

66 30.8 25.9 38.9





#7

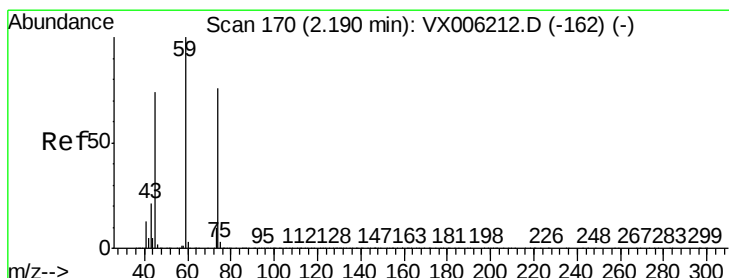
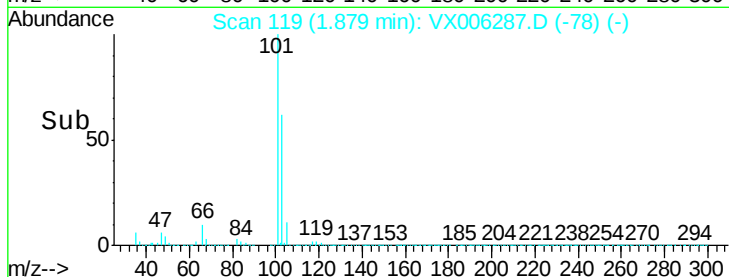
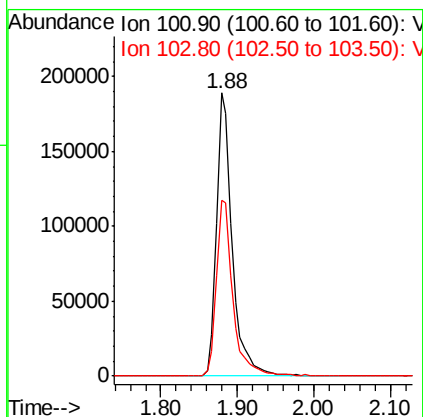
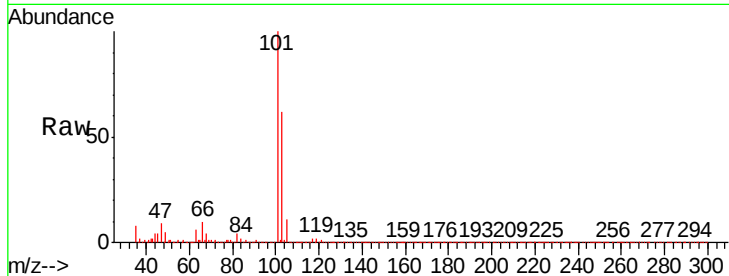
Trichlorofluoromethane
Concen: 26.118 ug/l
RT: 1.88 min Scan# 119
Delta R.T. -0.05 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Instrument :
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S49-0483MSD

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	267621		
103	61.8	51.0	76.4	

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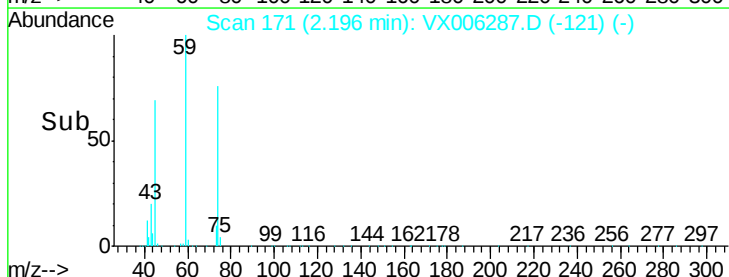
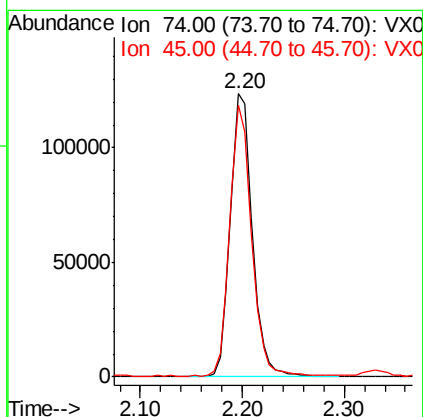
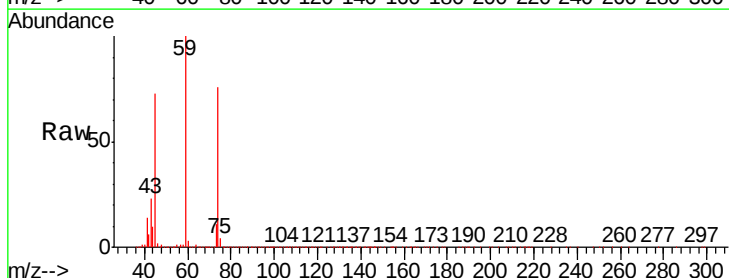
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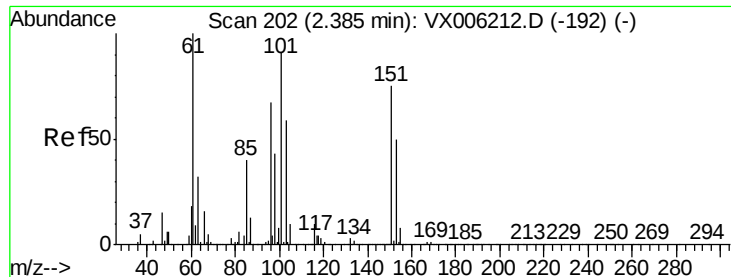


#8

Diethyl Ether
Concen: 47.085 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	182591		
45	94.6	49.5	148.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.721 ug/l

RT: 2.34 min Scan# 194

Delta R.T. -0.05 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Instrument :

MSVOA_X

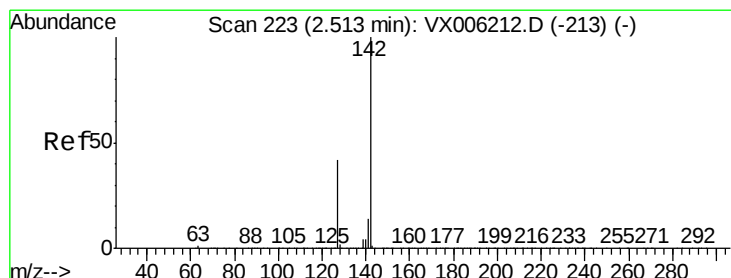
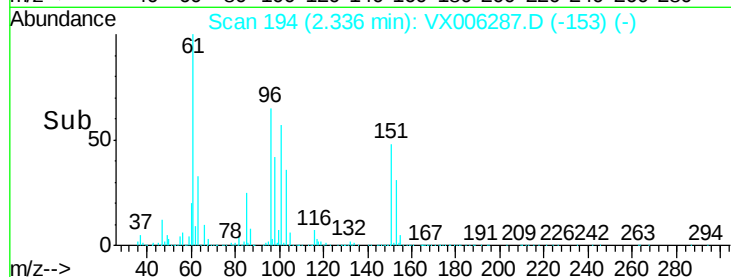
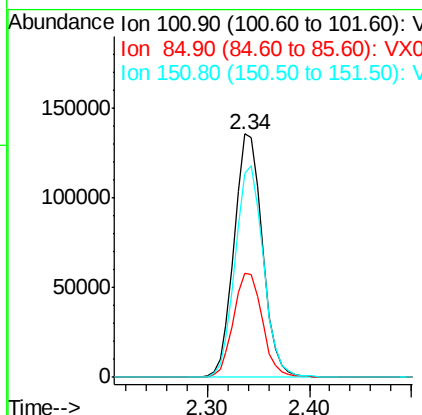
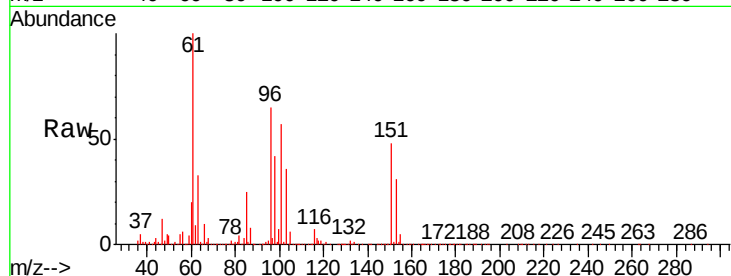
ClientSampleId :

S49-0483MSD

Tgt Ion:	101	Resp:	260559
Ion Ratio	Lower	Upper	
101	100		
85	43.3	35.5	53.3
151	87.2	68.6	103.0

Manual Integrations
APPROVED

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12/5/2018 10:12:06 AM



#10

Methyl Iodide

Concen: 18.462 ug/l

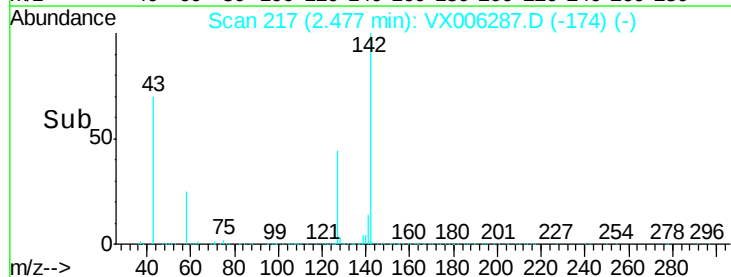
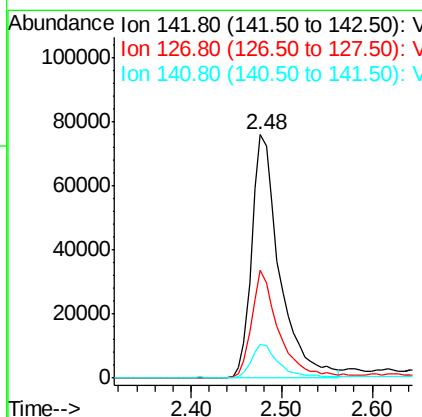
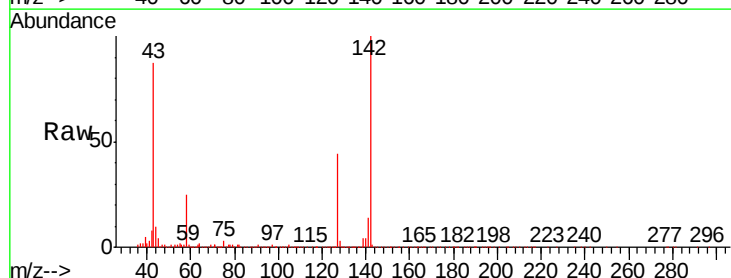
RT: 2.48 min Scan# 217

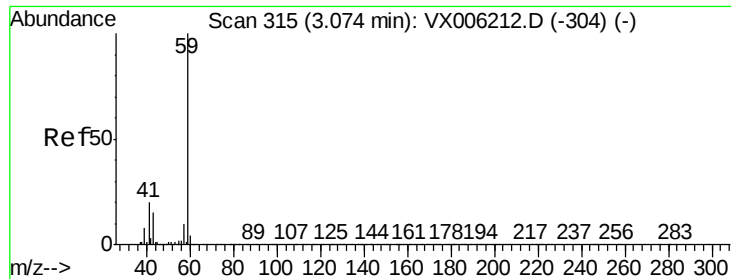
Delta R.T. -0.04 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Tgt Ion:	142	Resp:	162102
Ion Ratio	Lower	Upper	
142	100		
127	43.5	34.8	52.2
141	13.8	11.4	17.2





#11

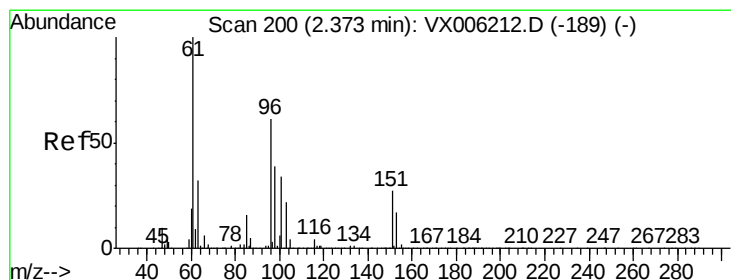
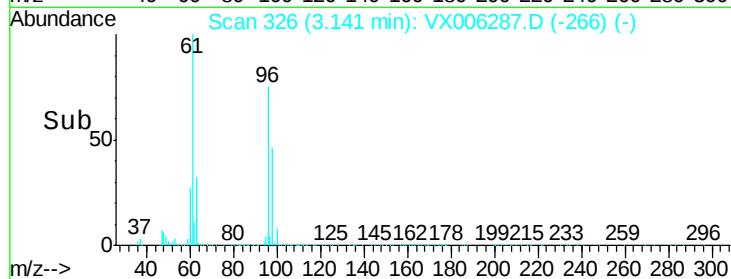
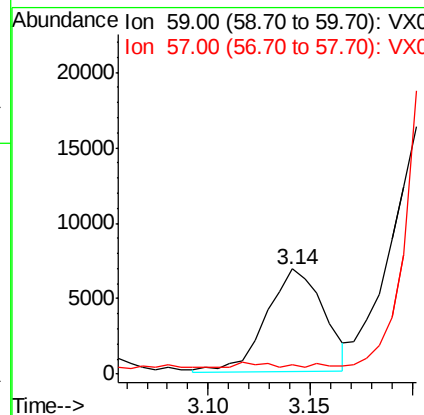
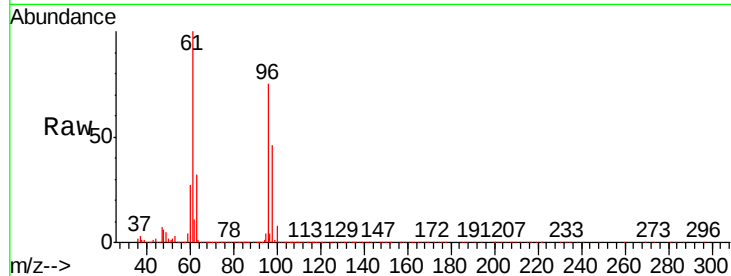
Tert butyl alcohol
Concen: 7.757 ug/l
RT: 3.14 min Scan# 326
Delta R.T. 0.07 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Instrument :
MSVOA_X
ClientSampled :
S49-0483MSD

Tgt Ion: 59 Resp: 13349
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

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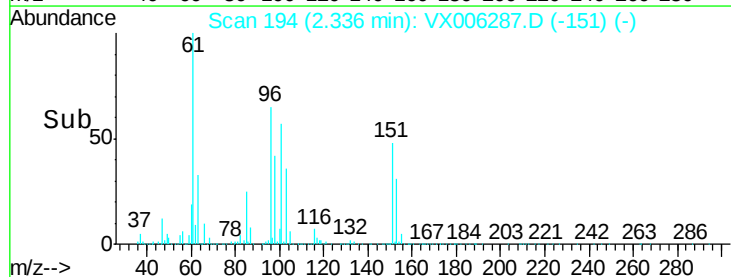
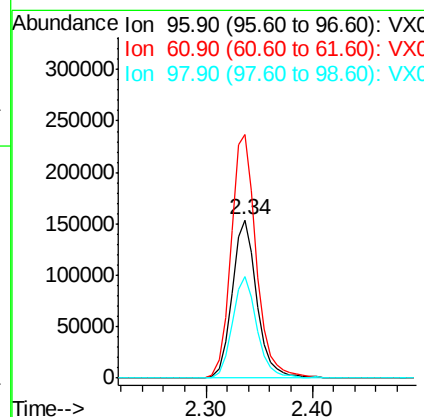
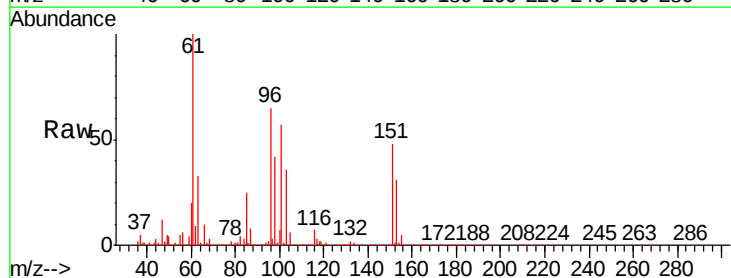
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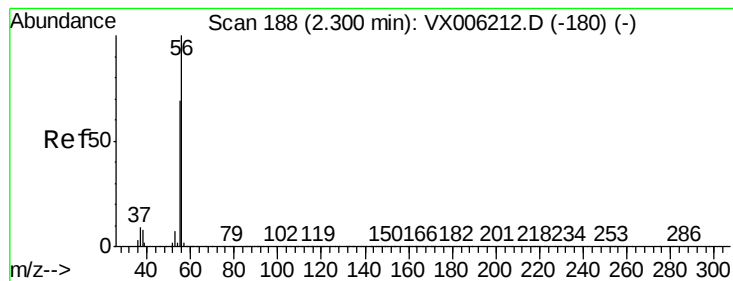


#12

1,1-Dichloroethene
Concen: 44.795 ug/l
RT: 2.34 min Scan# 194
Delta R.T. -0.04 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Tgt Ion: 96 Resp: 249844
Ion Ratio Lower Upper
96 100
61 154.1 131.7 197.5
98 64.2 51.8 77.6





#13

Acrolein

Concen: 192.903 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.01 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

S49-0483MSD

Tgt Ion: 56 Resp: 181434

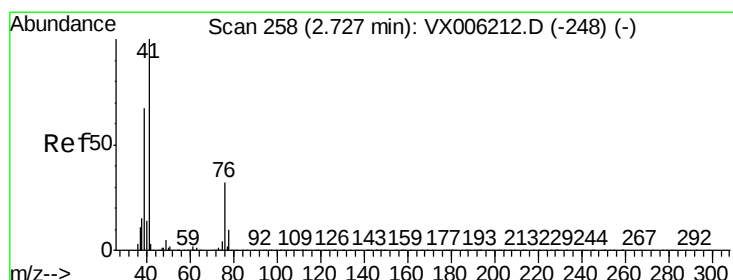
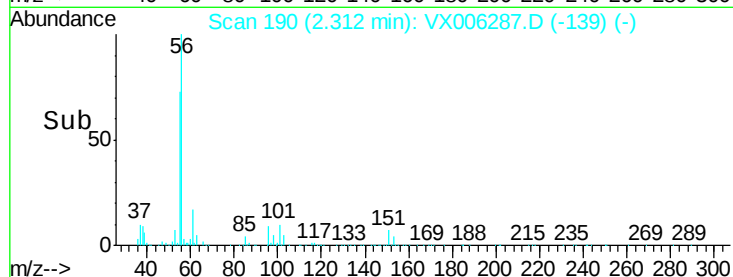
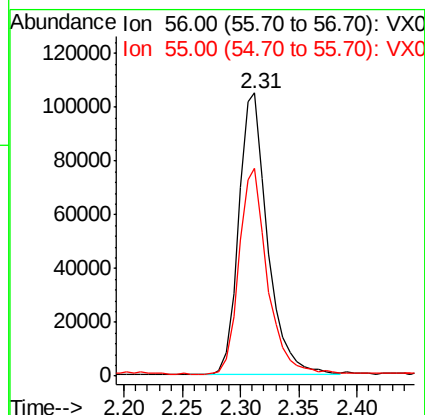
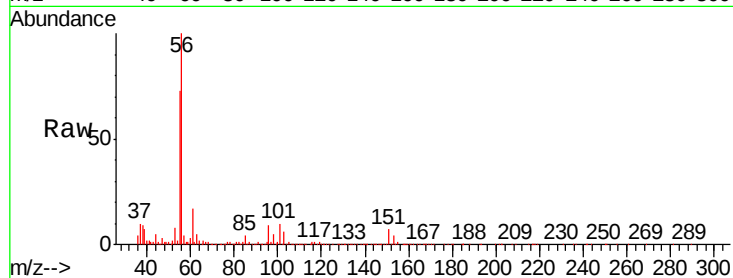
Ion Ratio Lower Upper

56 100

55 71.6 57.8 86.6

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#14

Allyl chloride

Concen: 35.468 ug/l

RT: 2.71 min Scan# 255

Delta R.T. -0.02 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

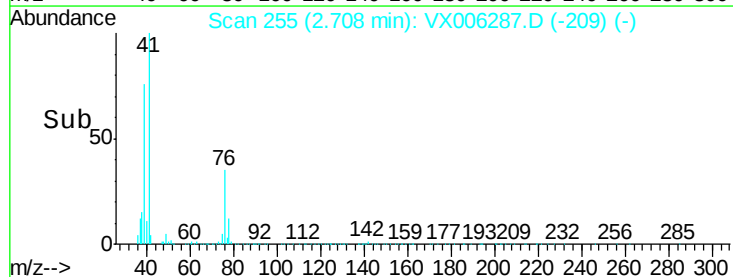
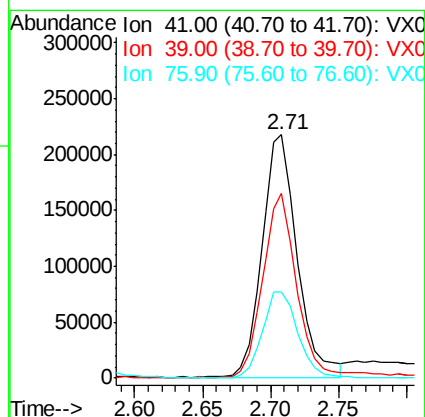
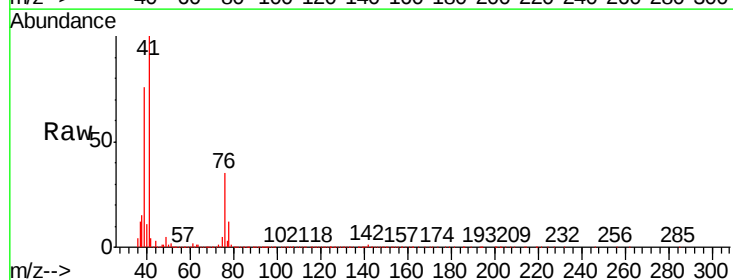
Tgt Ion: 41 Resp: 390783

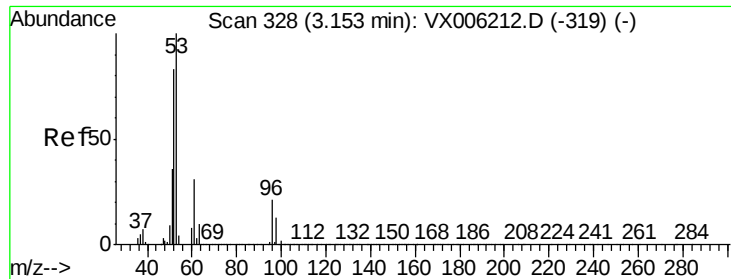
Ion Ratio Lower Upper

41 100

39 76.3 52.4 78.6

76 35.9 25.4 38.0





#15

Acrylonitrile

Concen: 220.105 ug/l

RT: 3.18 min Scan# 332

Delta R.T. 0.02 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Instrument :

MSVOA_X

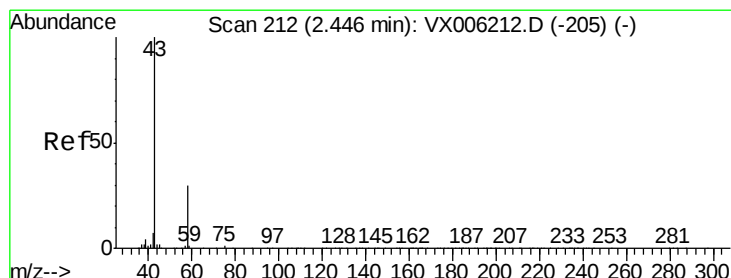
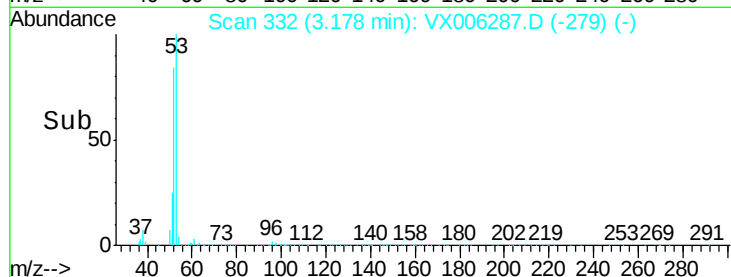
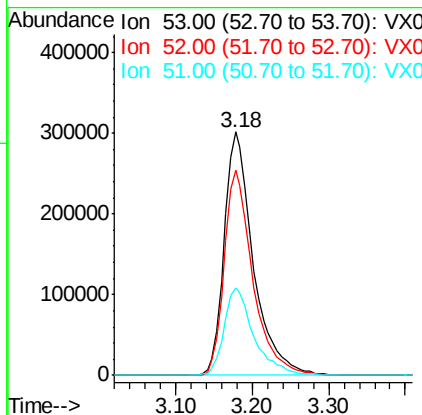
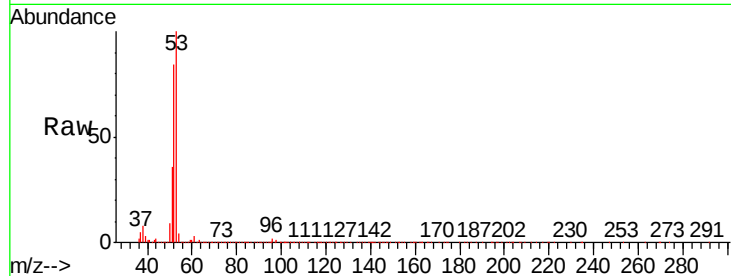
ClientSampleId :

S49-0483MSD

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.2	99.4
51	36.9	28.7	43.1

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#16

Acetone

Concen: 230.670 ug/l

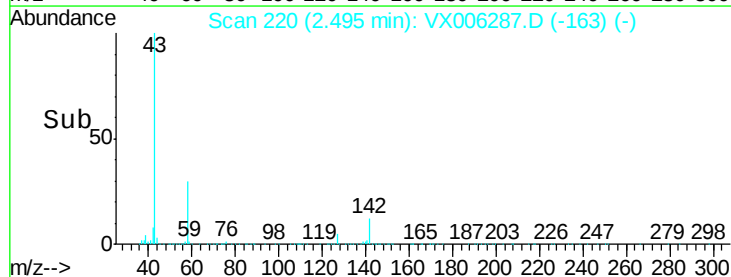
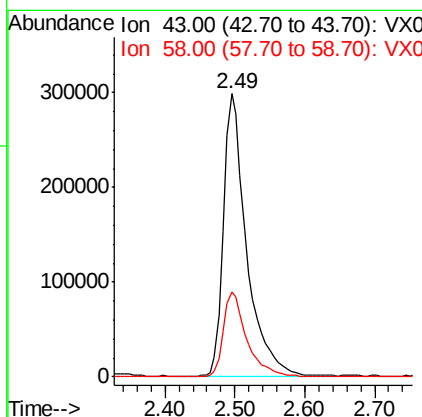
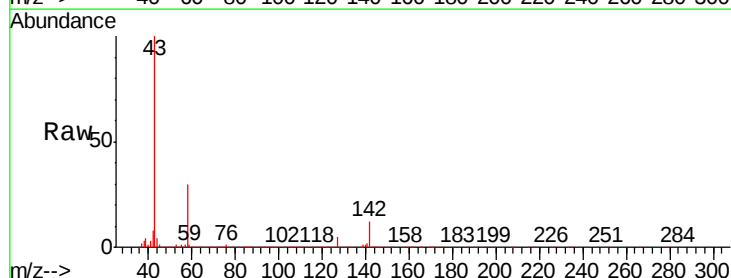
RT: 2.49 min Scan# 220

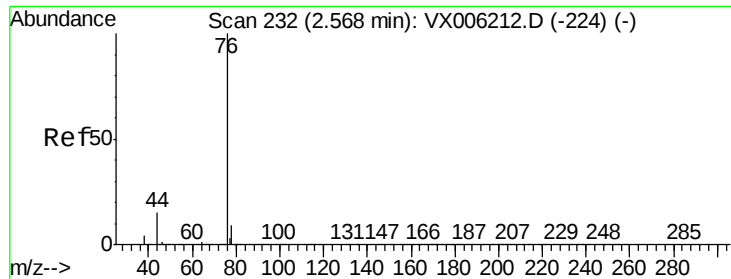
Delta R.T. 0.05 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.0	36.0





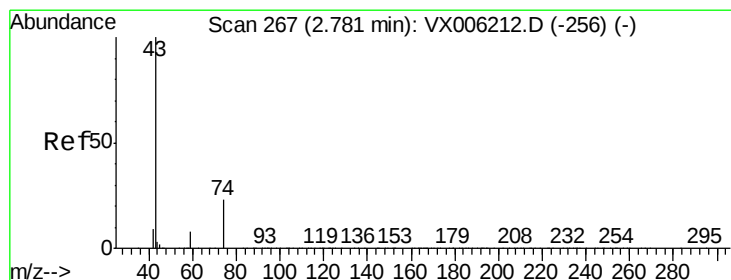
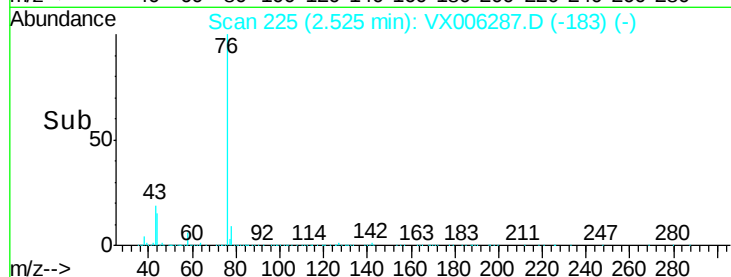
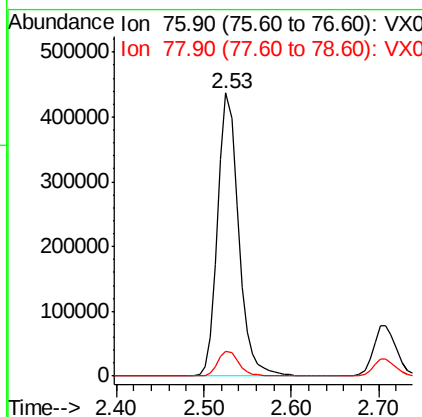
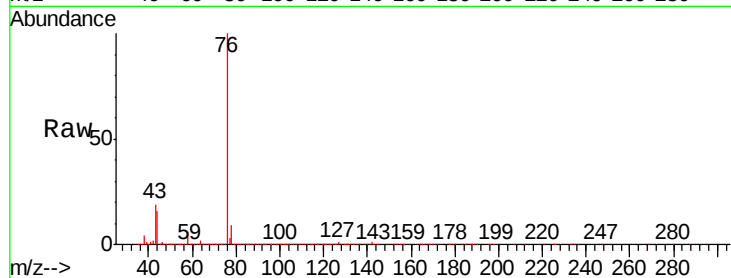
#17
Carbon Disulfide
Concen: 42.100 ug/l
RT: 2.53 min Scan# 225
Delta R.T. -0.04 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :
S49-0483MSD

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.1	10.7

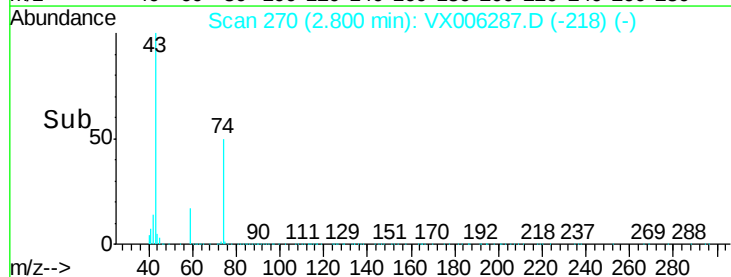
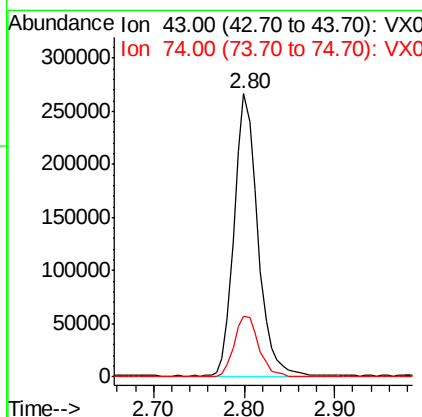
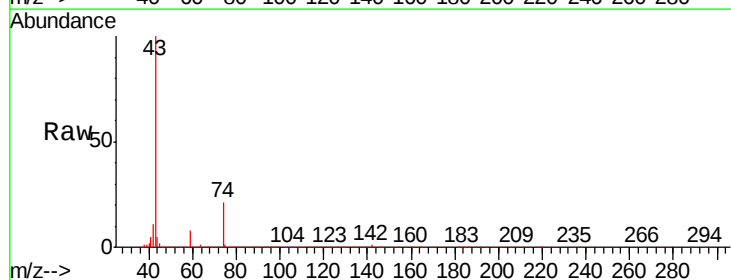
Manual Integrations
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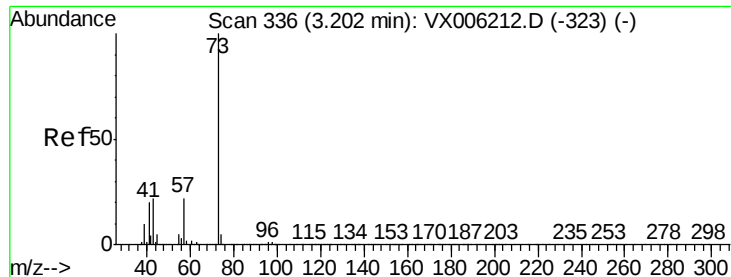
MMDadoda
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#18
Methyl Acetate
Concen: 48.602 ug/l
RT: 2.80 min Scan# 270
Delta R.T. 0.02 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	17.9	26.9





#19

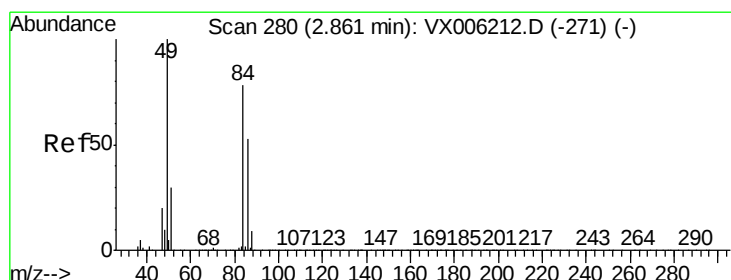
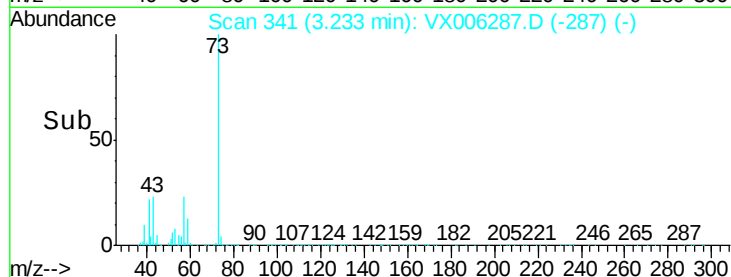
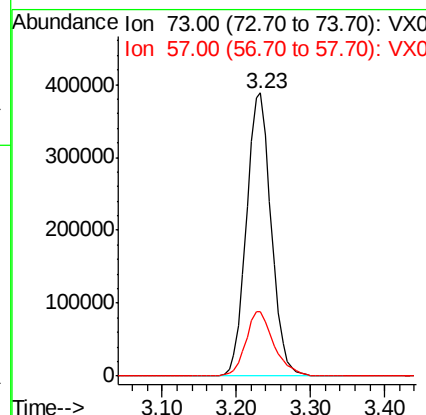
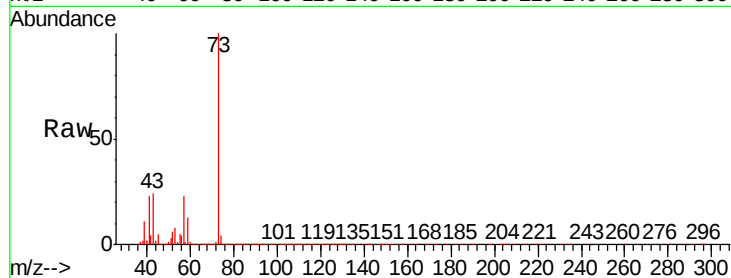
Methyl tert-butyl Ether
Concen: 45.524 ug/l
RT: 3.23 min Scan# 341
Delta R.T. 0.03 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :
S49-0483MSD

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.7	17.5	26.3

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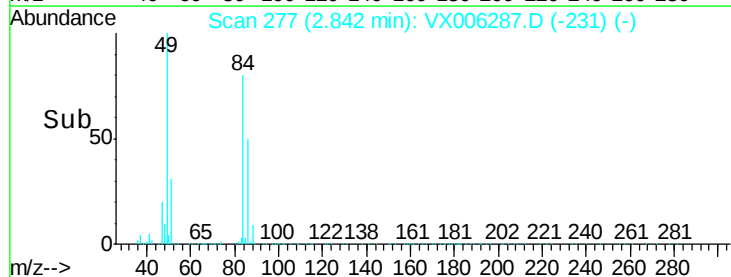
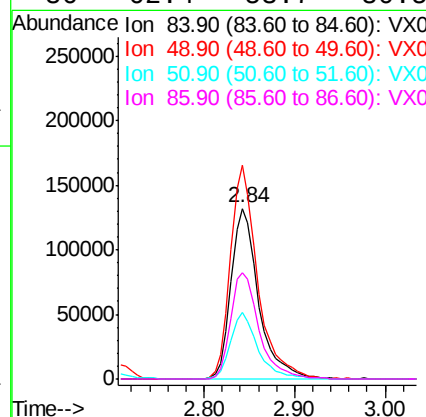
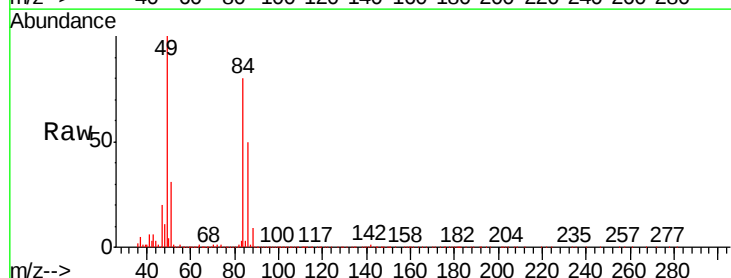
MMDadoda
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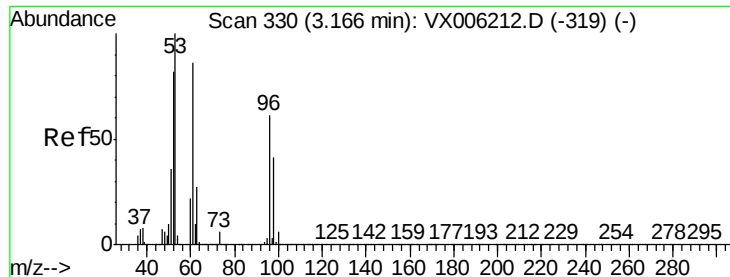


#20

Methylene Chloride
Concen: 44.194 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.1	102.2	153.4
51	38.6	31.1	46.7
86	62.4	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 46.080 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.02 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Instrument :

MSVOA_X

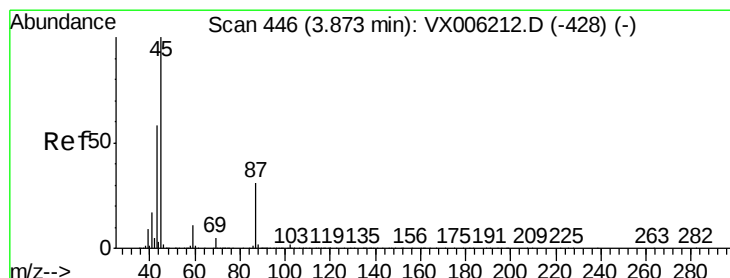
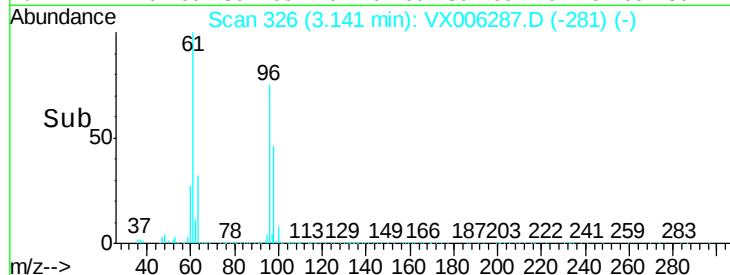
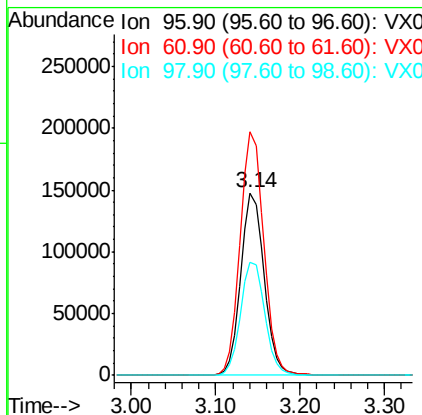
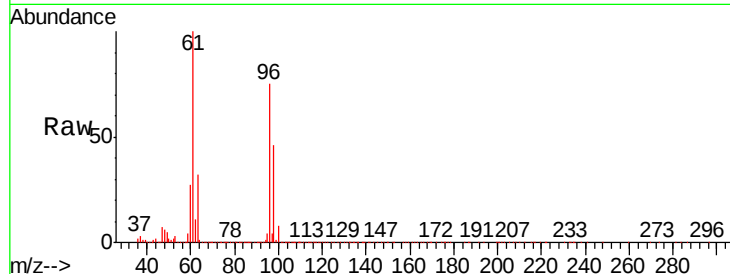
ClientSampleId :

S49-0483MSD

Tgt Ion:	96	Resp:	273889
Ion Ratio	Lower	Upper	
96	100		
61	133.7	113.3	169.9
98	61.9	53.2	79.8

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#22

Diisopropyl ether

Concen: 46.056 ug/l

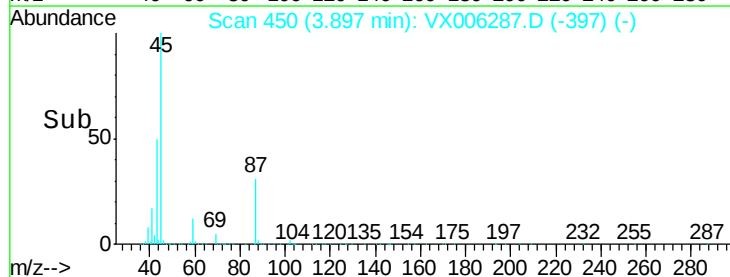
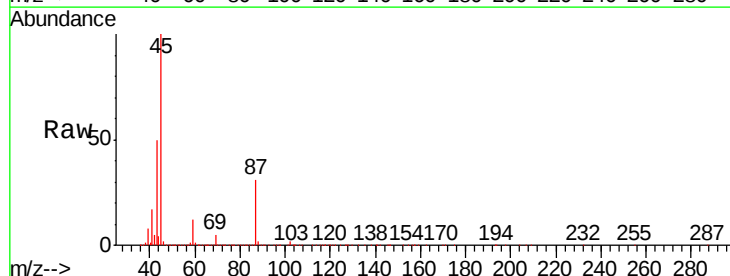
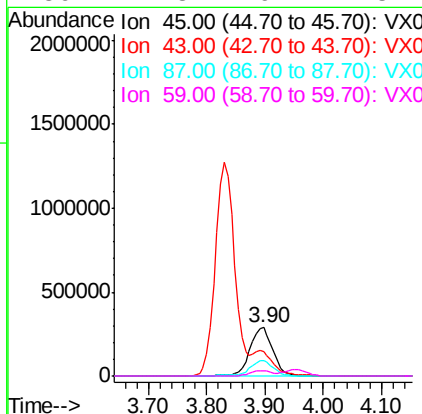
RT: 3.90 min Scan# 450

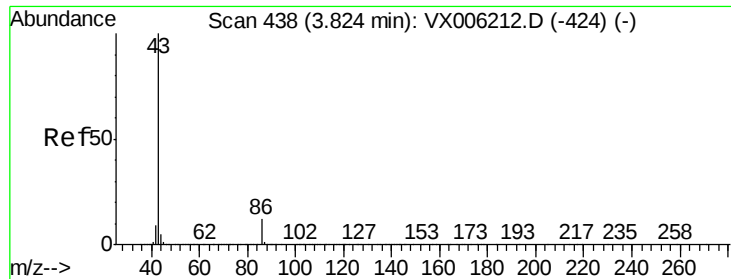
Delta R.T. 0.02 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Tgt Ion:	45	Resp:	792597
Ion Ratio	Lower	Upper	
45	100		
43	50.1	46.2	69.2
87	31.2	24.9	37.3
59	11.8	9.1	13.7





#23

Vinyl Acetate

Concen: 199.367 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampled :

S49-0483MSD

Tgt Ion: 43 Resp: 2926359

Ion Ratio Lower Upper

43 100

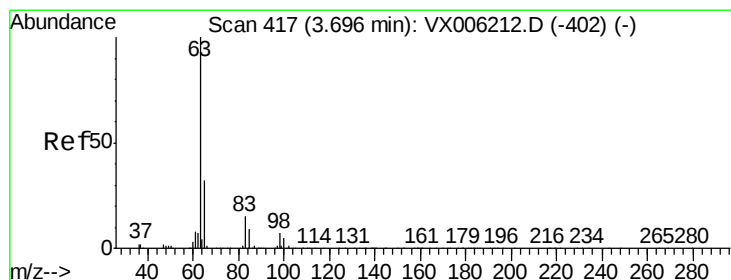
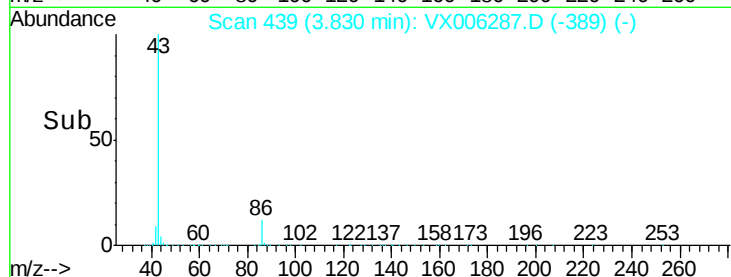
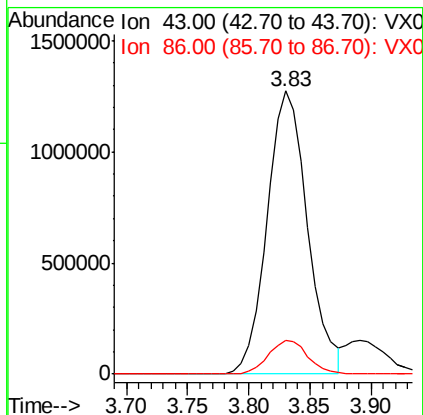
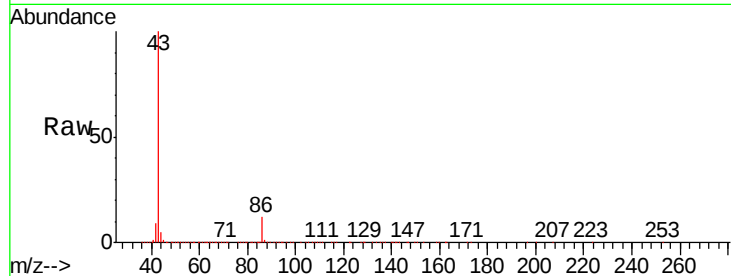
86 11.9 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 48.279 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

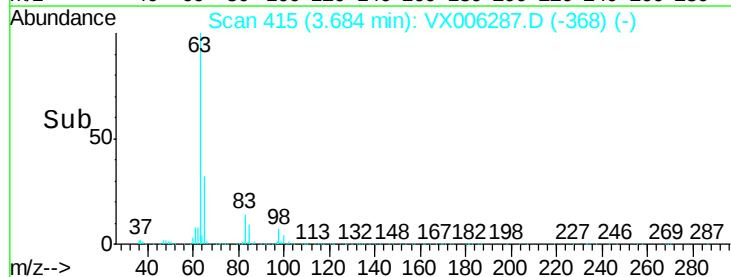
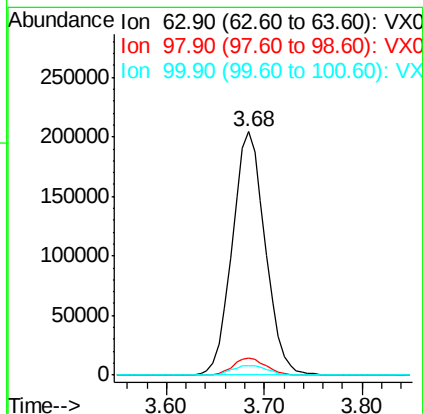
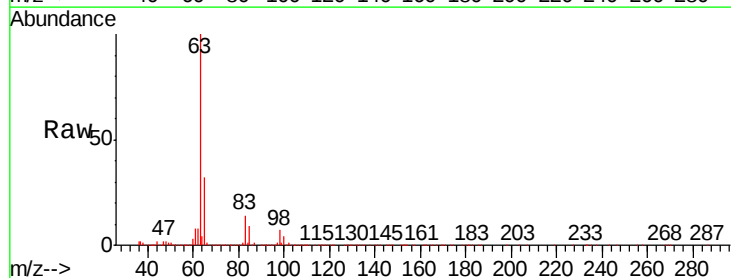
Tgt Ion: 63 Resp: 474898

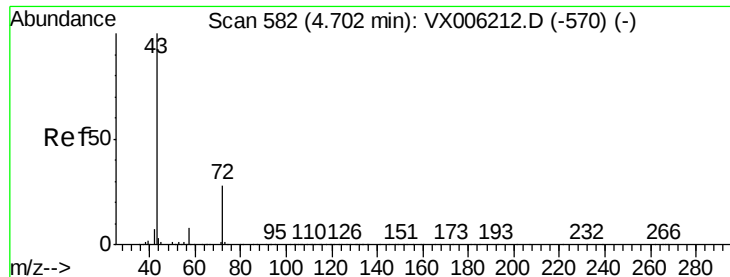
Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.4

100 3.9 2.5 7.4





#25

2-Butanone

Concen: 218.281 ug/l

RT: 4.74 min Scan# 589

Delta R.T. 0.04 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

S49-0483MSD

Tgt Ion: 43 Resp: 919730

Ion Ratio Lower Upper

43 100

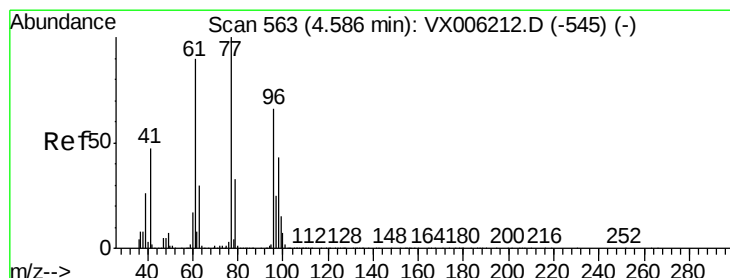
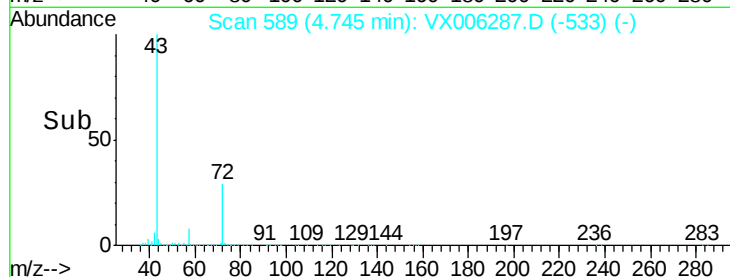
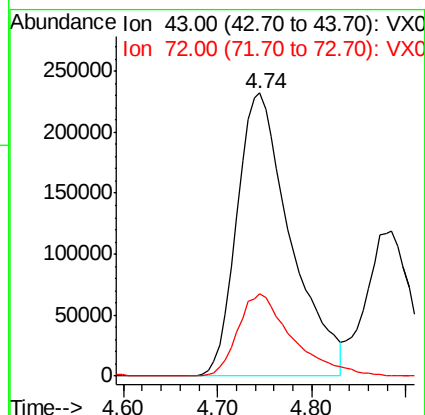
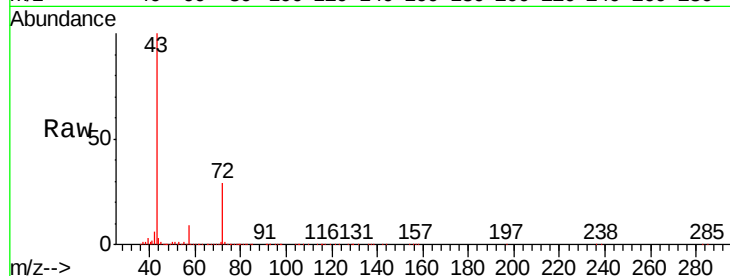
72 29.1 22.6 33.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.449 ug/l

RT: 4.57 min Scan# 560

Delta R.T. -0.02 min

Lab File: VX006287.D

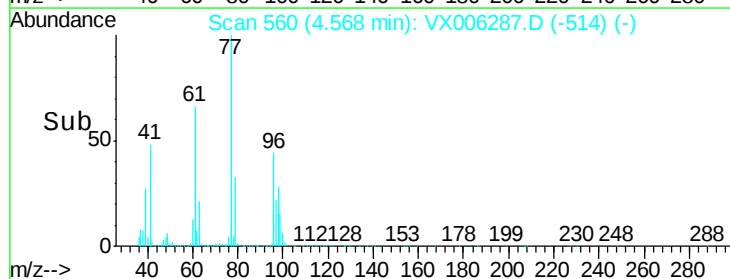
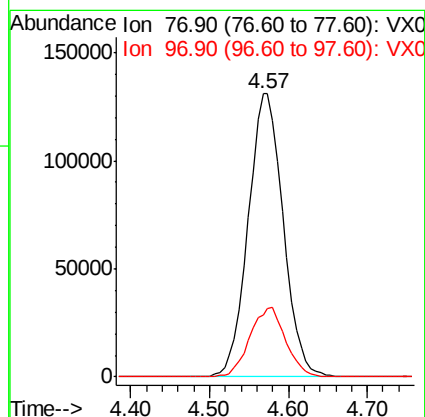
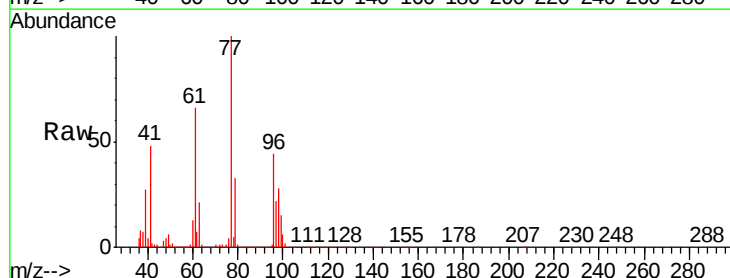
Acq: 04 Dec 2018 19:08

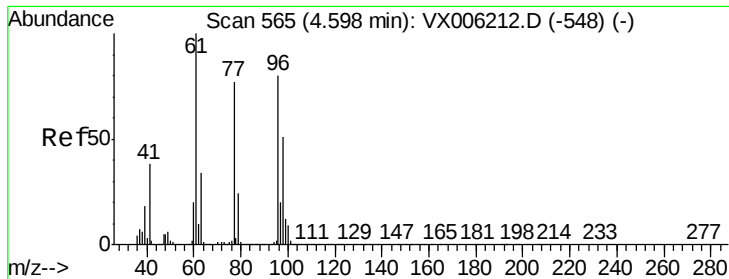
Tgt Ion: 77 Resp: 403505

Ion Ratio Lower Upper

77 100

97 25.1 12.3 36.8





#27

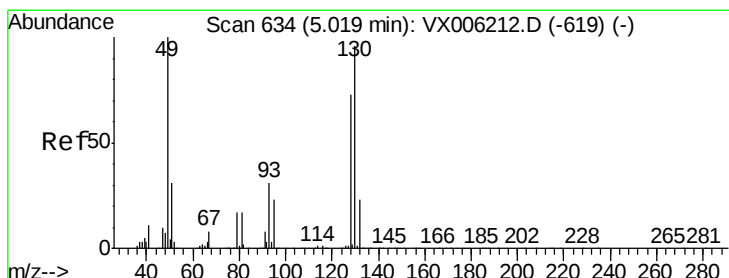
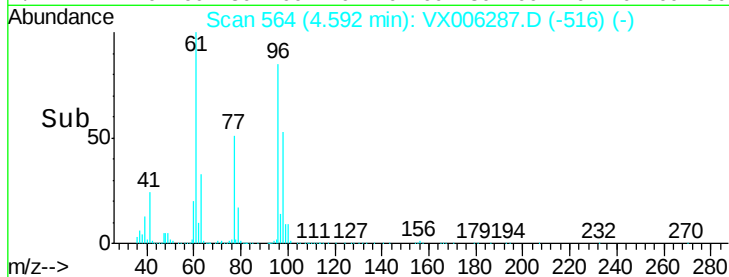
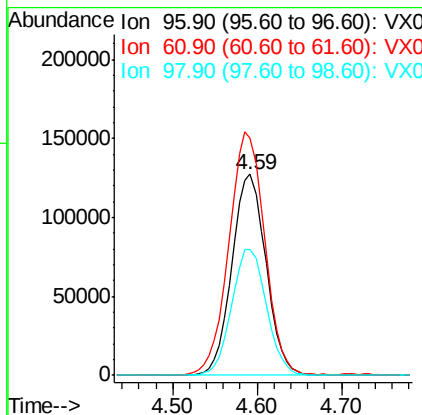
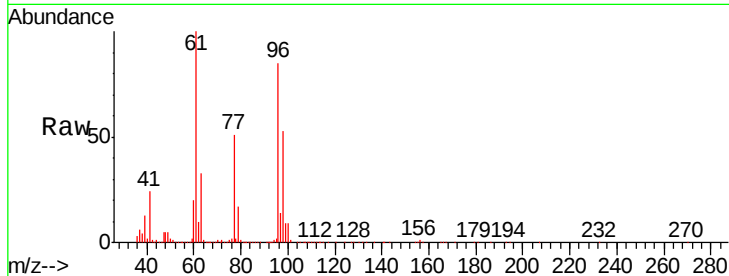
cis-1,2-Dichloroethene
 Concen: 52.733 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX006287.D
 Acq: 04 Dec 2018 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0483MSD

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	349618		
61	127.2	0.0	265.0	
98	64.1	0.0	130.2	

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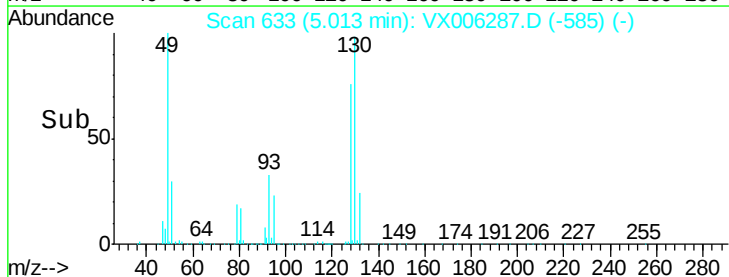
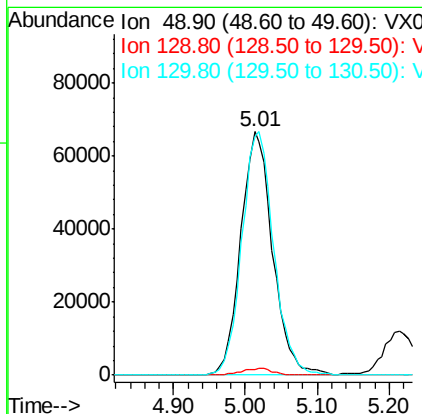
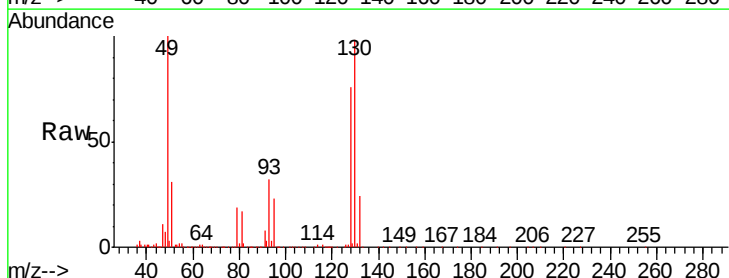
MMDadoda
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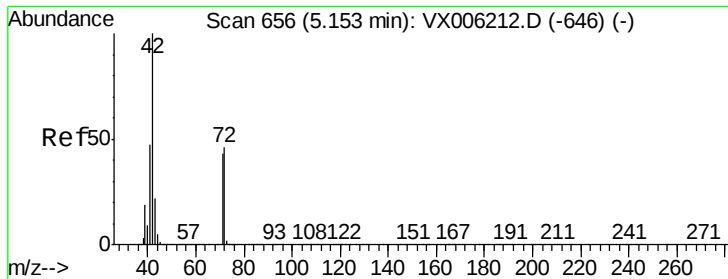


#28

Bromochloromethane
 Concen: 47.690 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX006287.D
 Acq: 04 Dec 2018 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	204903		
129	2.8	0.0	5.0	
130	99.7	78.3	117.5	





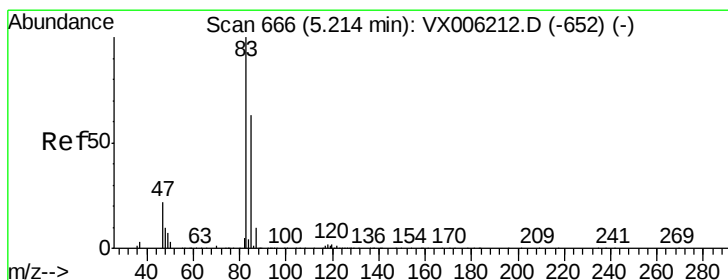
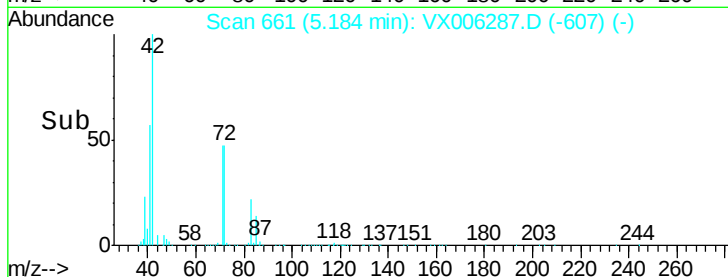
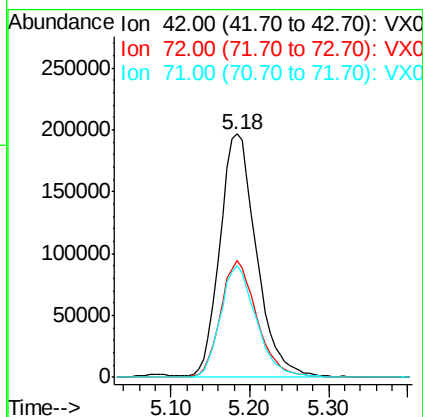
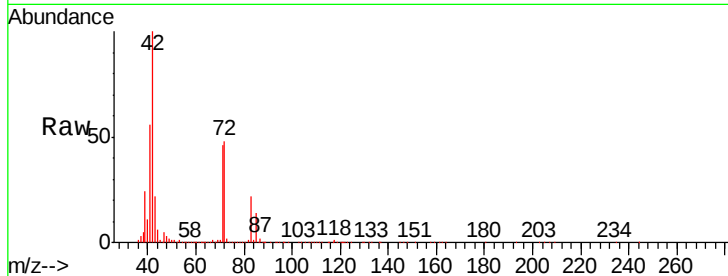
#29
Tetrahydrofuran
Concen: 214.762 ug/l
RT: 5.18 min Scan# 661
Delta R.T. 0.03 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :
S49-0483MSD

Tgt Ion	Ratio	Lower	Upper
42	100		
72	48.1	37.8	56.8
71	45.6	35.2	52.8

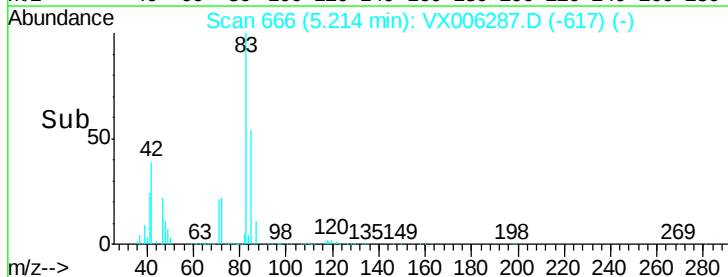
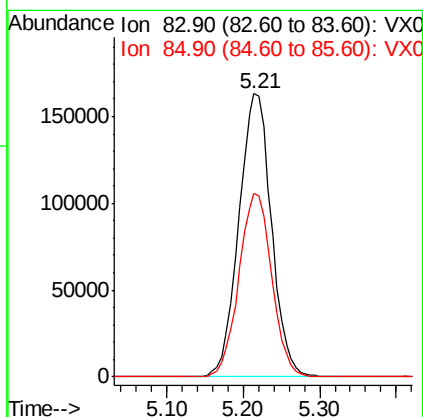
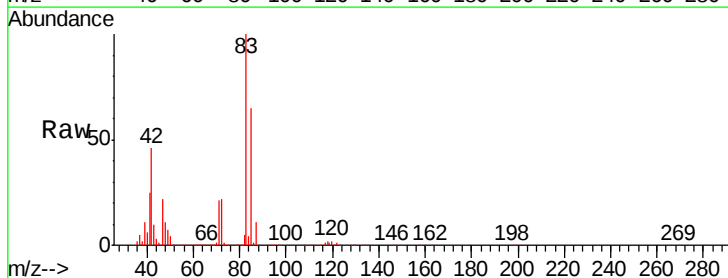
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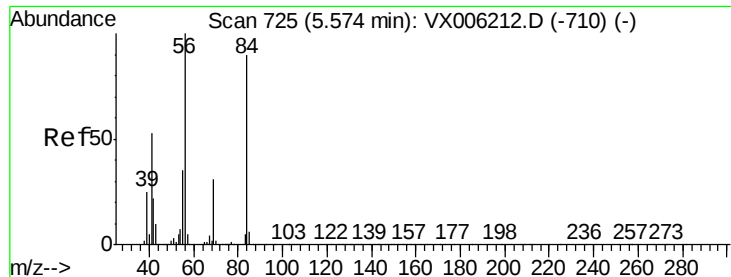
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#30
Chloroform
Concen: 46.510 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.3	75.5





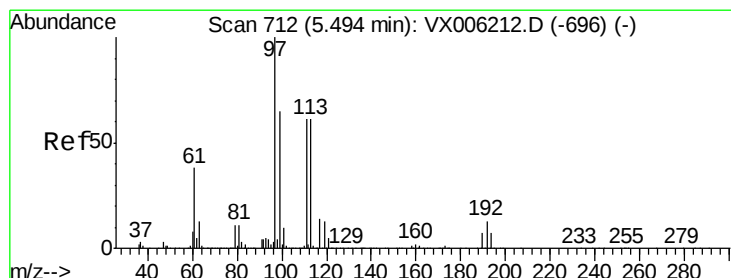
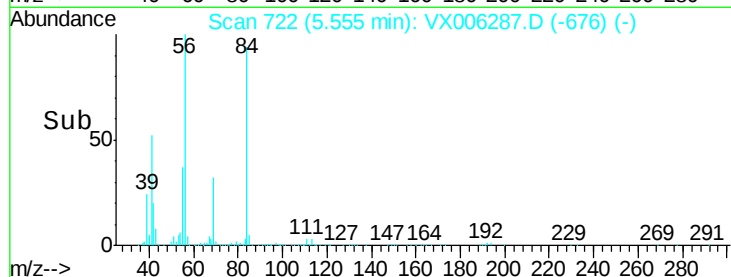
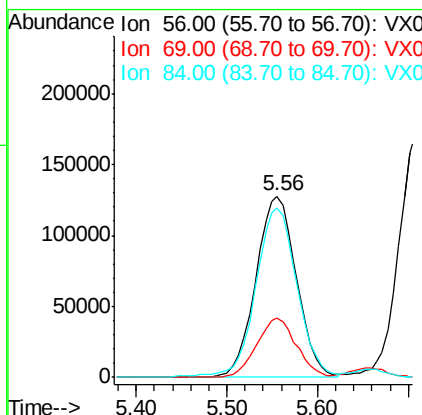
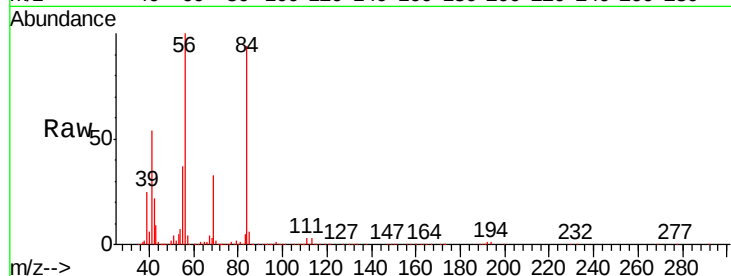
#31
Cyclohexane
Concen: 43.159 ug/l
RT: 5.56 min Scan# 722
Delta R.T. -0.02 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :
S49-0483MSD

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.5	24.5	36.7
84	93.1	71.8	107.6

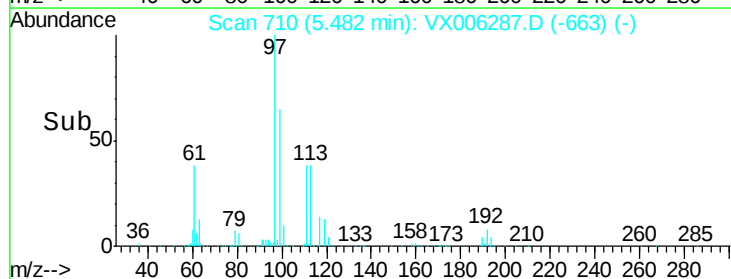
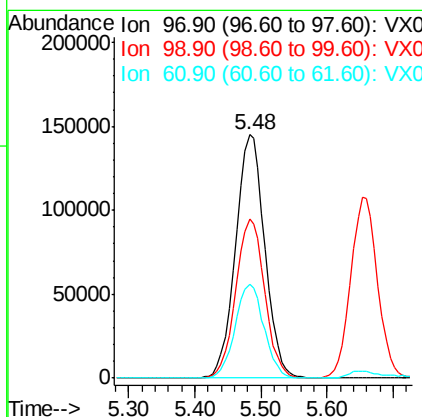
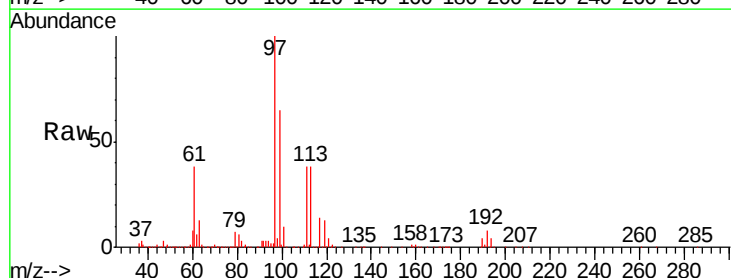
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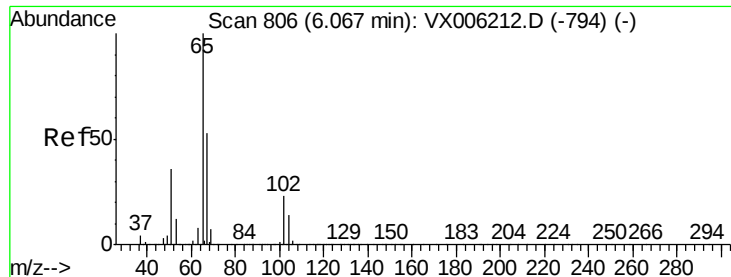
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12/5/2018 10:12:06 AM



#32
1,1,1-Trichloroethane
Concen: 45.031 ug/l
RT: 5.48 min Scan# 710
Delta R.T. -0.01 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.6	77.4
61	38.4	30.6	46.0





#33

1,2-Dichloroethane-d4

Concen: 51.753 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

S49-0483MSD

Tgt Ion: 65 Resp: 325650

Ion Ratio Lower Upper

65 100

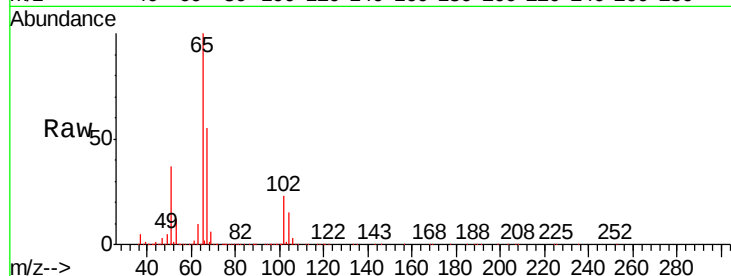
67 53.7 0.0 107.2

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

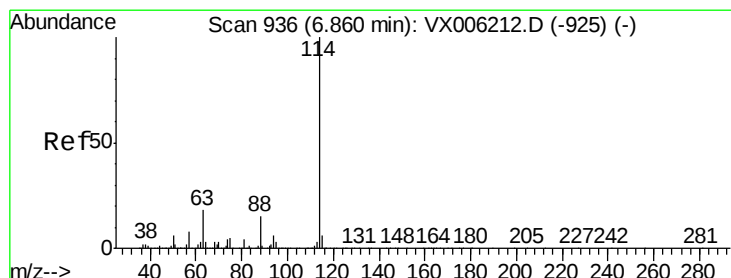
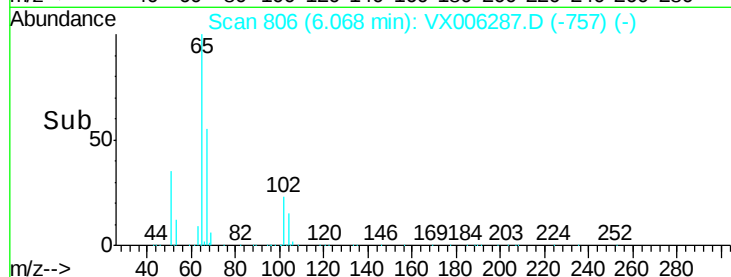
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

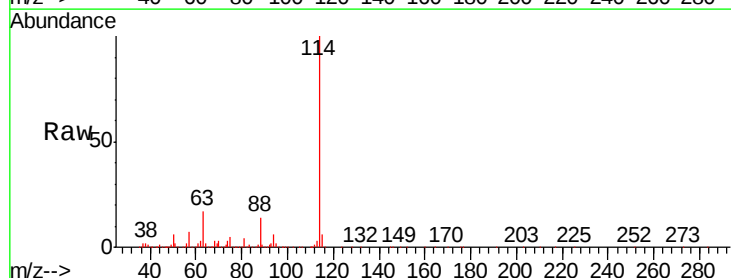
Tgt Ion: 114 Resp: 925043

Ion Ratio Lower Upper

114 100

63 17.0 0.0 36.6

88 14.2 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

500000

400000

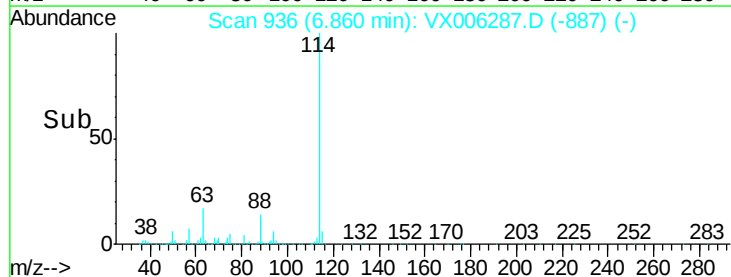
300000

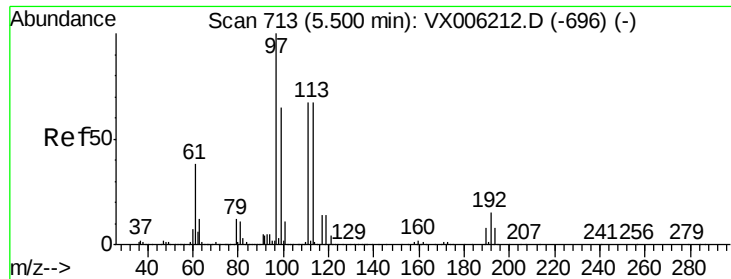
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 52.859 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Instrument :

MSVOA_X

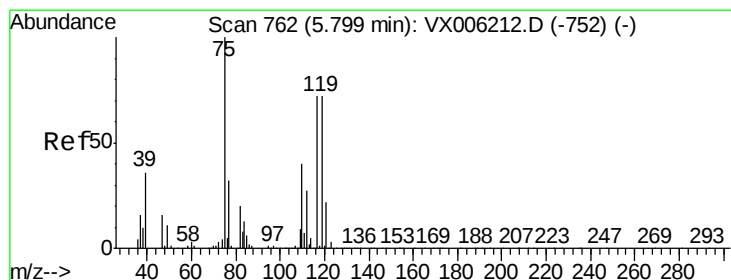
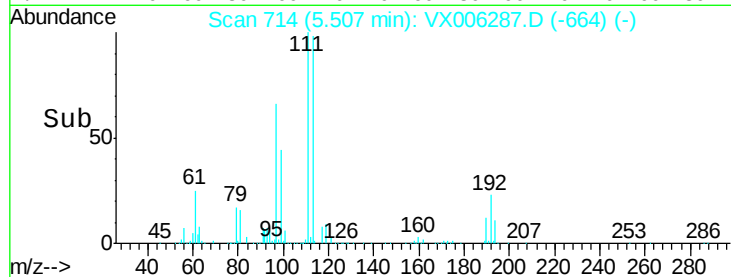
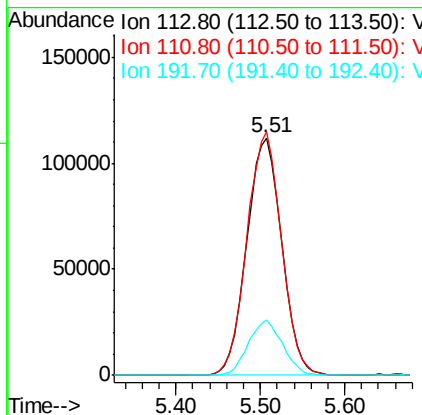
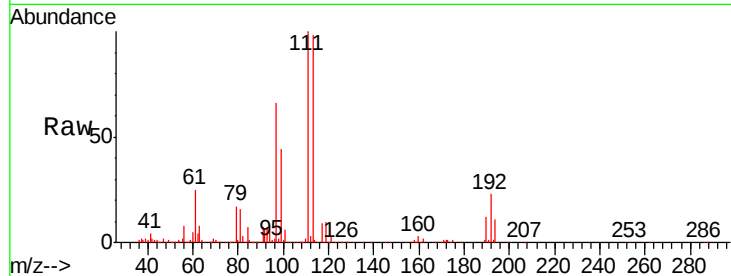
ClientSampleId :

S49-0483MSD

Tgt Ion:	113	Resp:	316588
Ion Ratio	Lower	Upper	
113	100		
111	101.4	81.1	121.7
192	22.9	18.2	27.2

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#36

1,1-Dichloropropene

Concen: 44.756 ug/l

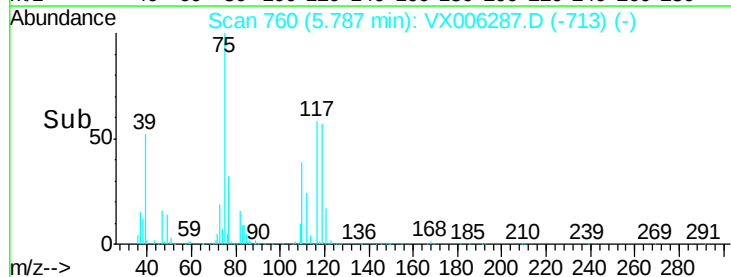
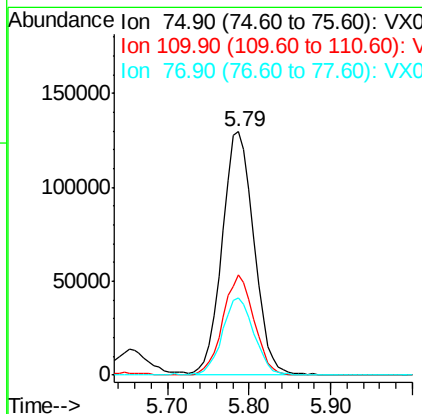
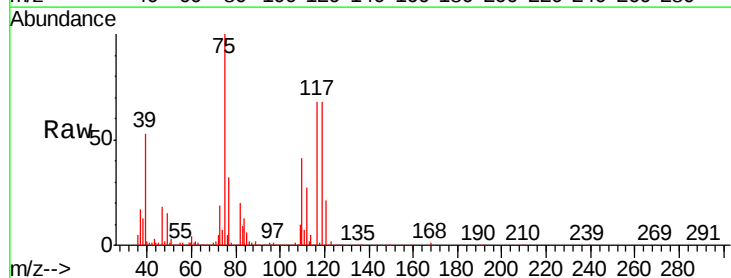
RT: 5.79 min Scan# 760

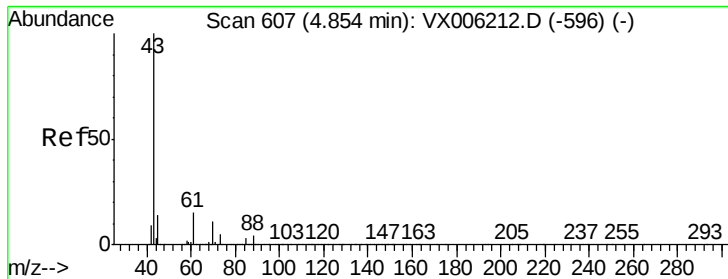
Delta R.T. -0.01 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Tgt Ion:	75	Resp:	348641
Ion Ratio	Lower	Upper	
75	100		
110	40.4	20.4	61.3
77	31.3	24.9	37.3





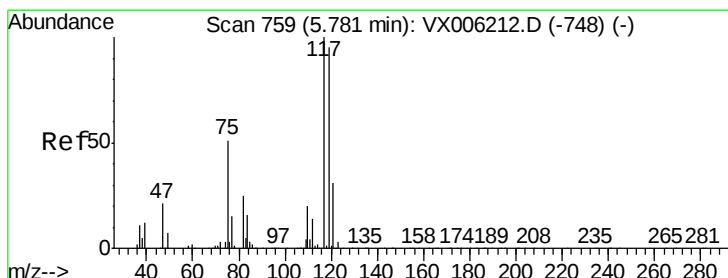
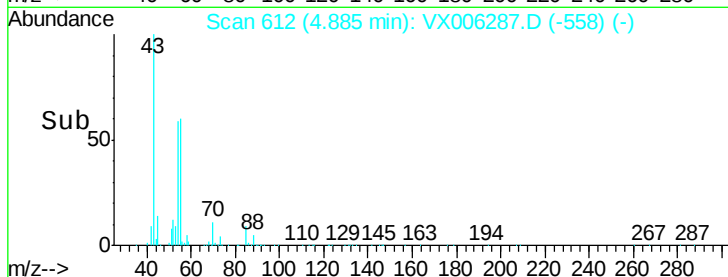
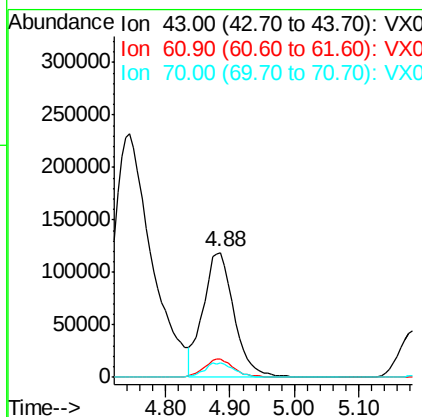
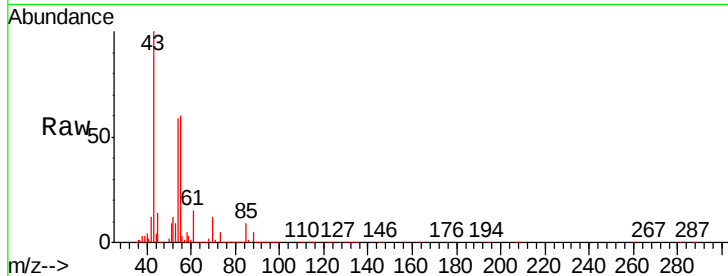
#37
Ethyl Acetate
Concen: 45.200 ug/l
RT: 4.88 min Scan# 612
Delta R.T. 0.03 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :
S49-0483MSD

Tgt Ion:	43	Resp:	394303
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.5	17.3
70	11.4	9.0	13.6

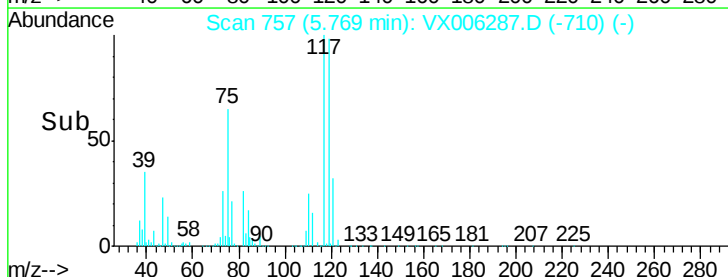
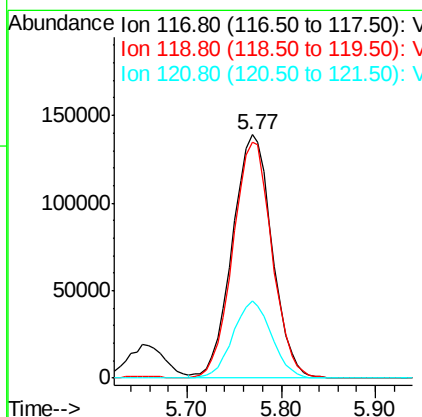
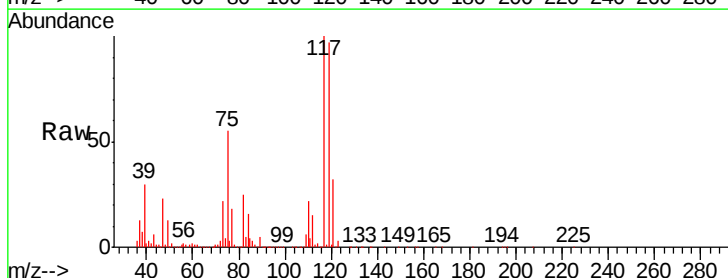
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#38
Carbon Tetrachloride
Concen: 44.627 ug/l
RT: 5.77 min Scan# 757
Delta R.T. -0.01 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Tgt Ion:	117	Resp:	408961
Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.8	113.8
121	31.9	24.6	37.0





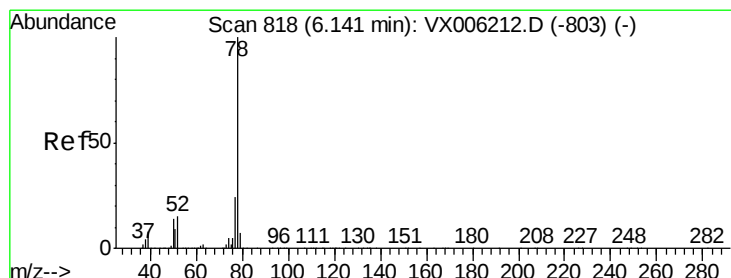
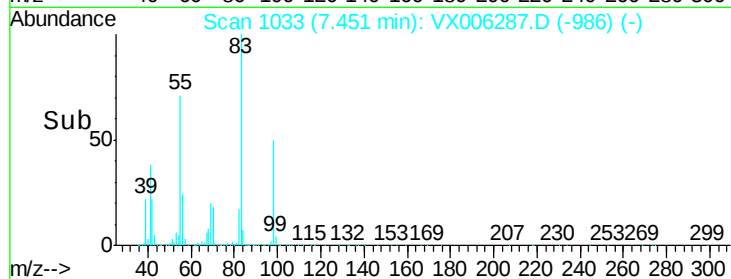
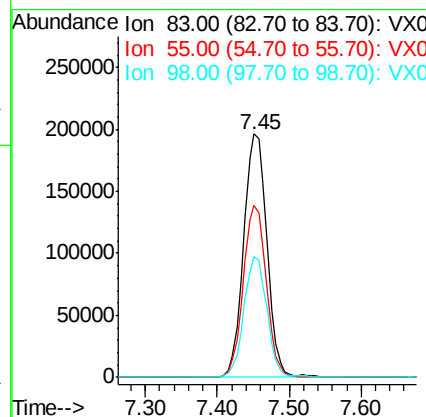
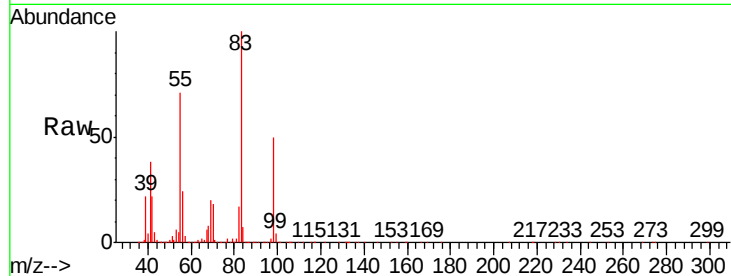
#39
Methylcyclohexane
Concen: 43.578 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :
S49-0483MSD

Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.6	56.4	84.6
98	49.6	39.0	58.6

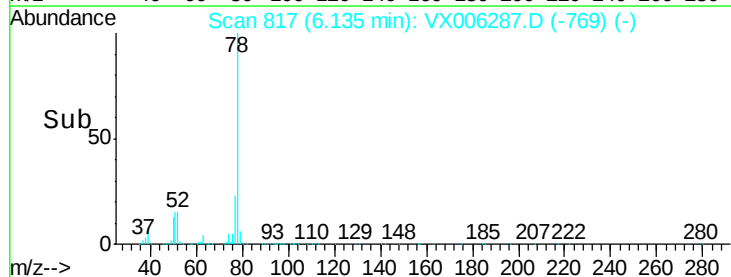
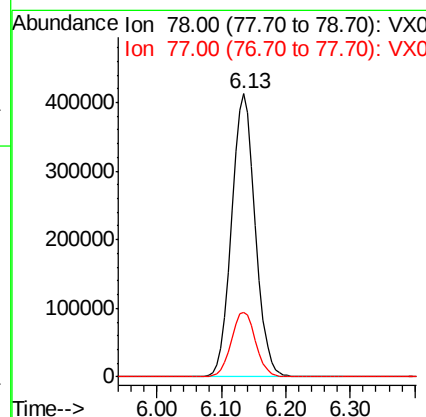
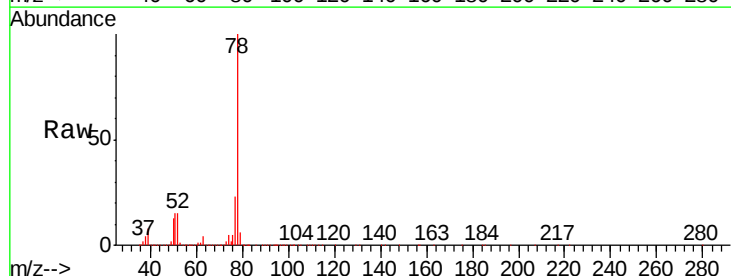
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#40
Benzene
Concen: 45.732 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.2	28.8





#41

Methacrylonitrile

Concen: 41.172 ug/l

RT: 5.09 min Scan# 645

Delta R.T. 0.02 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Instrument :

MSVOA_X

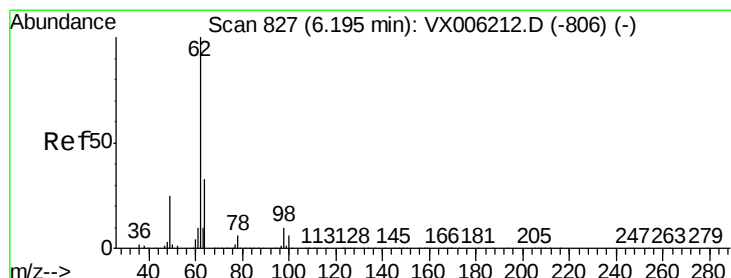
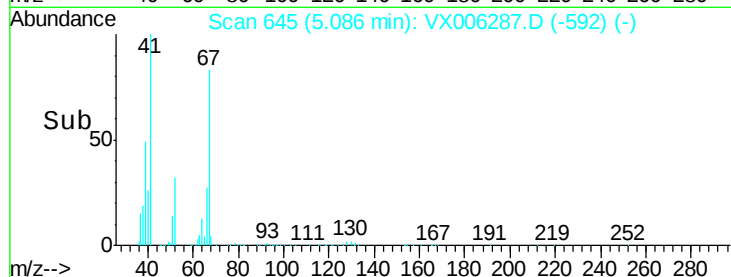
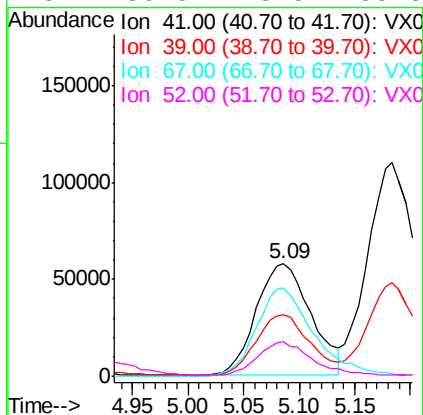
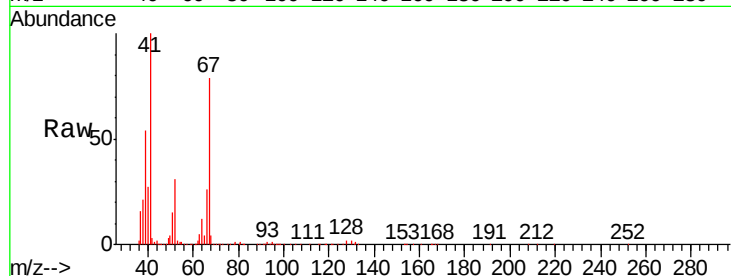
ClientSampleId :

S49-0483MSD

Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.3	44.0	66.0
67	82.3	61.4	92.0
52	30.8	23.5	35.3

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#42

1,2-Dichloroethane

Concen: 46.367 ug/l

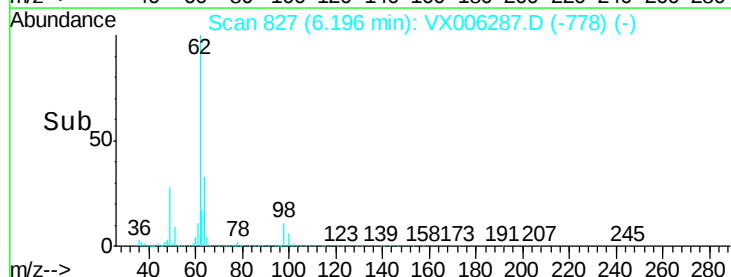
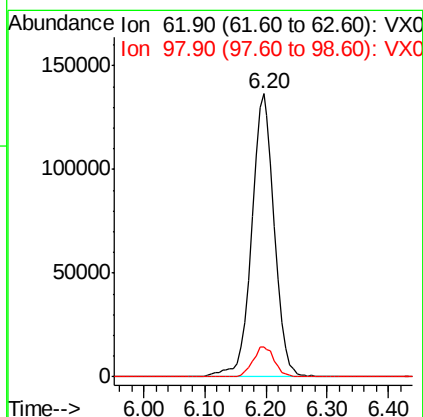
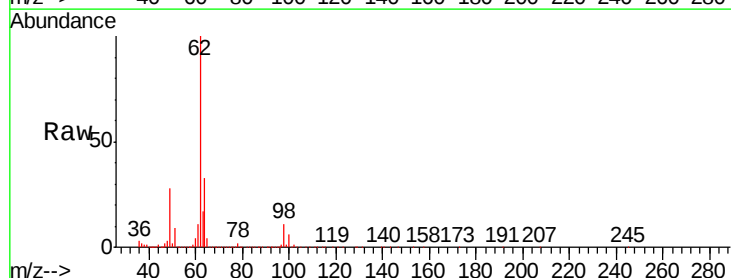
RT: 6.20 min Scan# 827

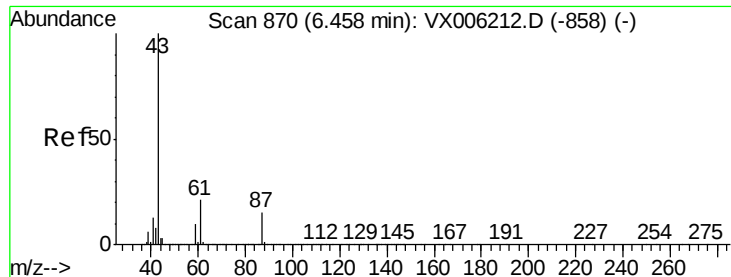
Delta R.T. 0.00 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2





#43

Isopropyl Acetate

Concen: 43.200 ug/l

RT: 6.48 min Scan# 873

Delta R.T. 0.02 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Instrument :

MSVOA_X

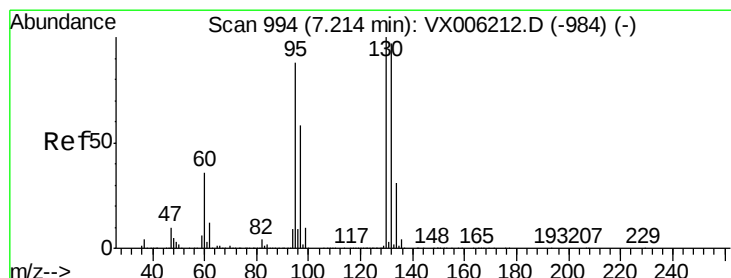
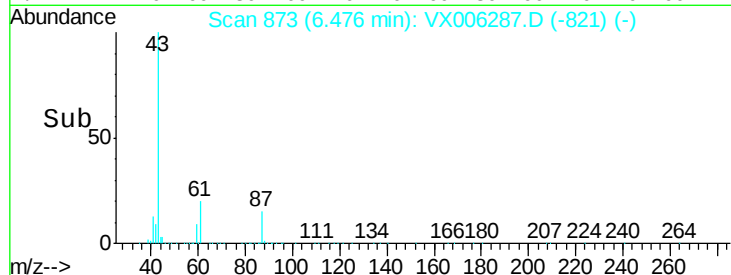
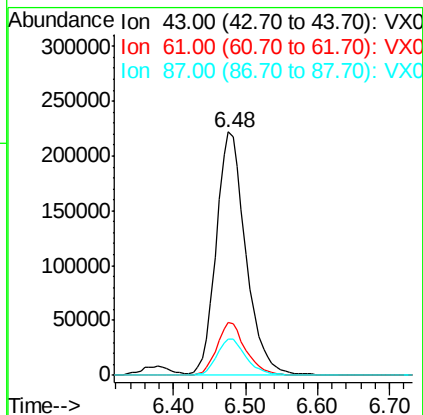
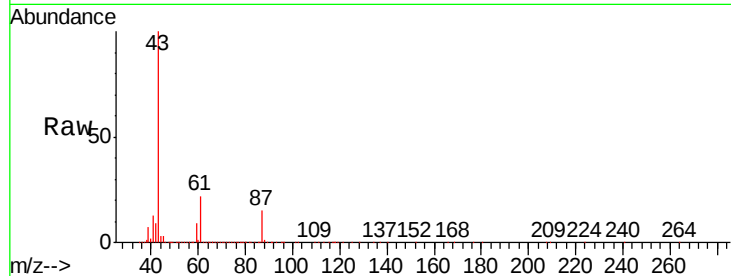
ClientSampleId :

S49-0483MSD

Tgt Ion:	43	Resp:	628326
Ion Ratio		Lower	Upper
43	100		
61	21.1	16.8	25.2
87	14.9	11.9	17.9

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12/5/2018 10:12:06 AM



#44

Trichloroethene

Concen: 49.926 ug/l

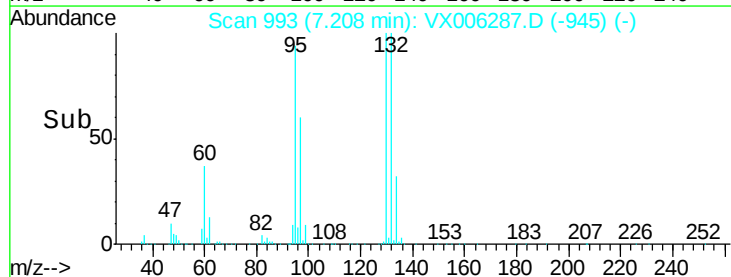
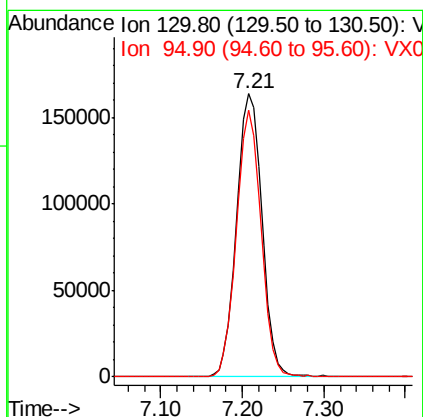
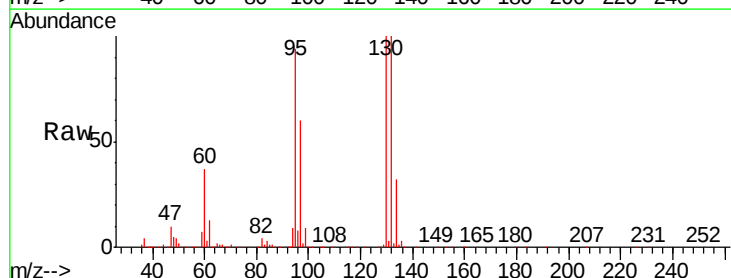
RT: 7.21 min Scan# 993

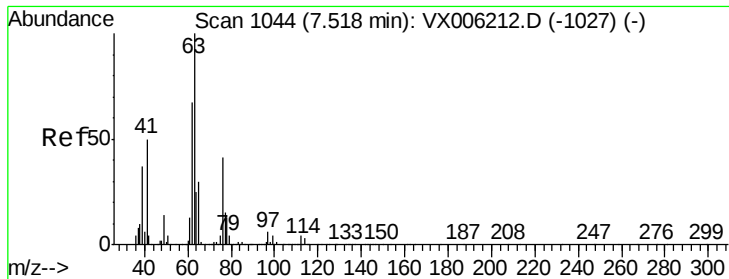
Delta R.T. -0.01 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Tgt Ion:	130	Resp:	352879
Ion Ratio		Lower	Upper
130	100		
95	94.4	0.0	175.8





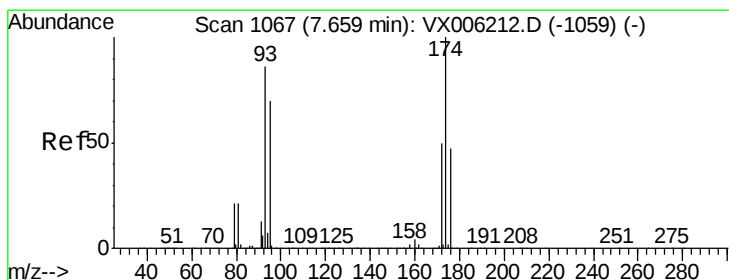
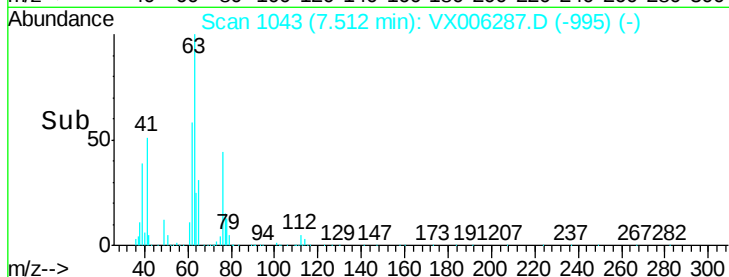
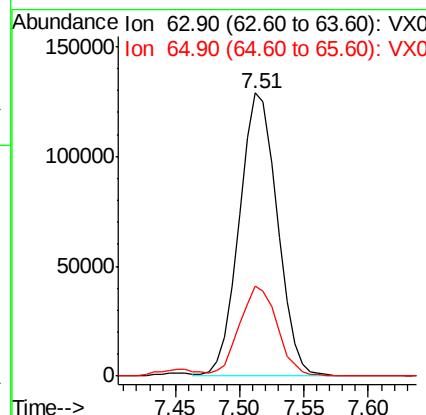
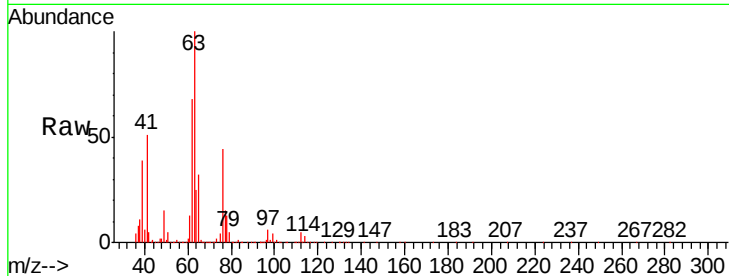
#45
 1,2-Dichloropropane
 Concen: 44.270 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX006287.D
 Acq: 04 Dec 2018 19:08

Instrument :
 MSVOA_X
 ClientSampled :
 S49-0483MSD

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.8	24.3	36.5

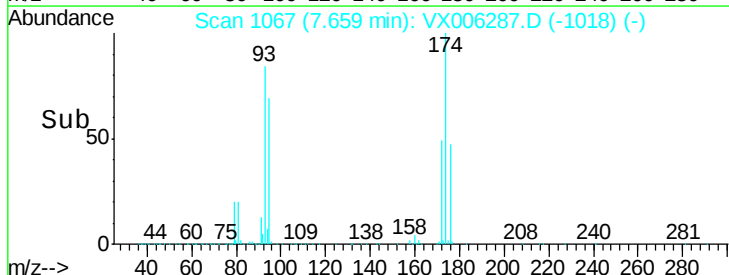
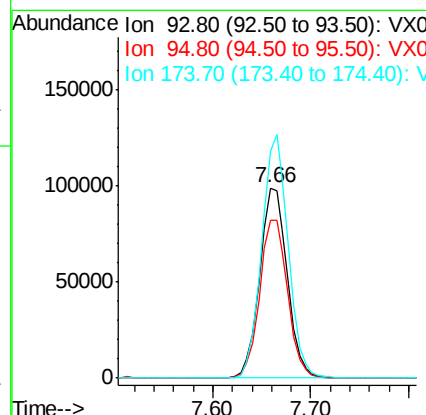
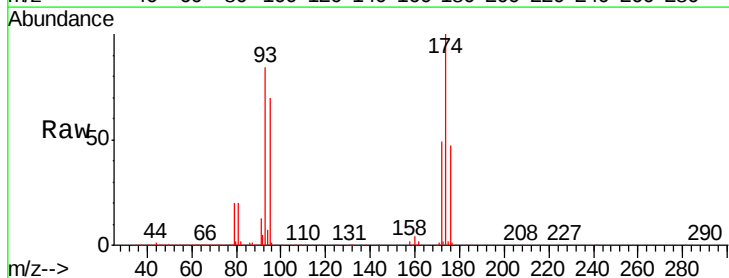
Manual Integrations
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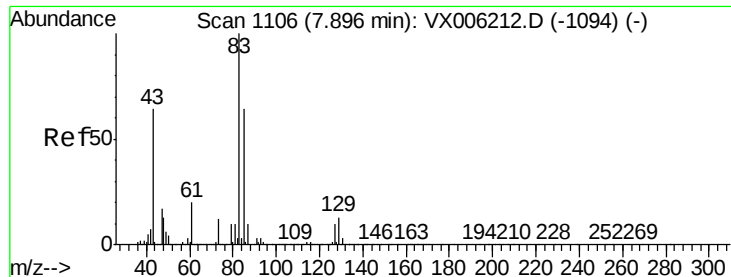
MMDadoda
 12/5/2018 10:12:06 AM



#46
 Dibromomethane
 Concen: 45.435 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX006287.D
 Acq: 04 Dec 2018 19:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	66.2	99.4
174	123.0	97.2	145.8





#47

Bromodichloromethane

Concen: 45.267 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Instrument :

MSVOA_X

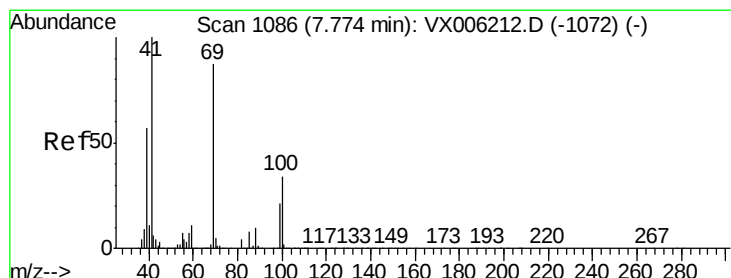
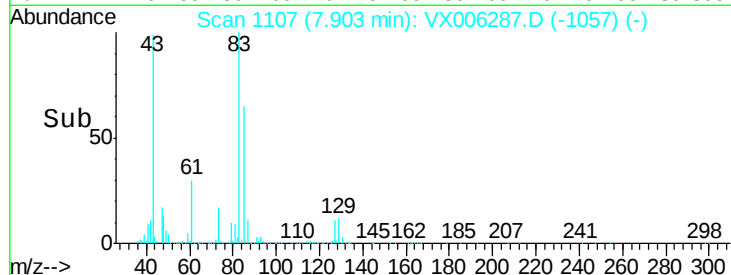
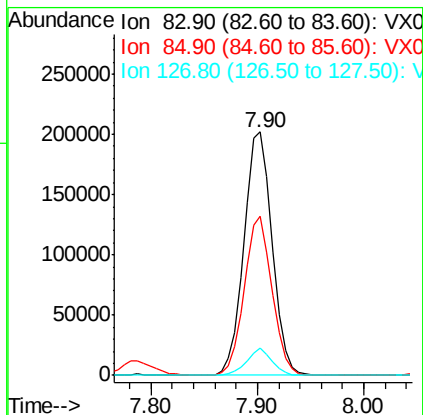
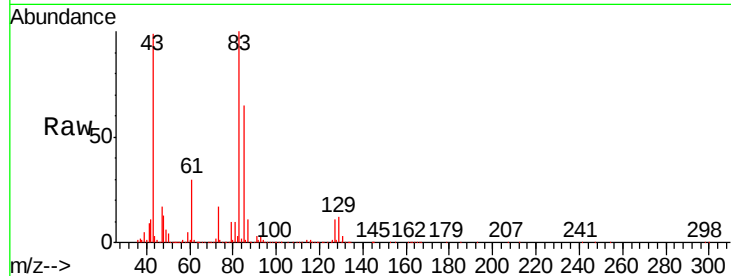
ClientSampleId :

S49-0483MSD

Tgt Ion:	83	Resp:	375409
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.4	77.0
127	11.1	7.9	11.9

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#48

Methyl methacrylate

Concen: 43.388 ug/l

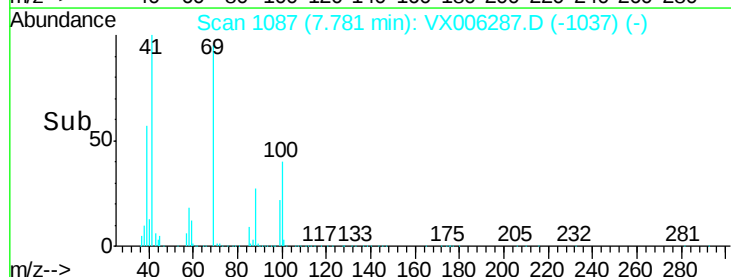
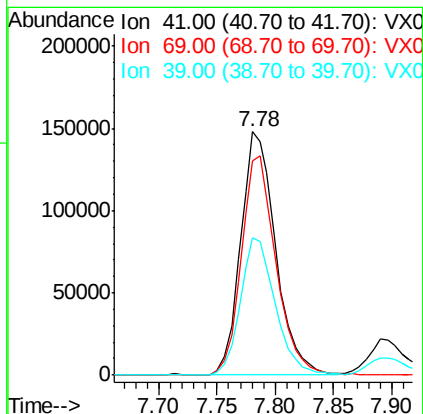
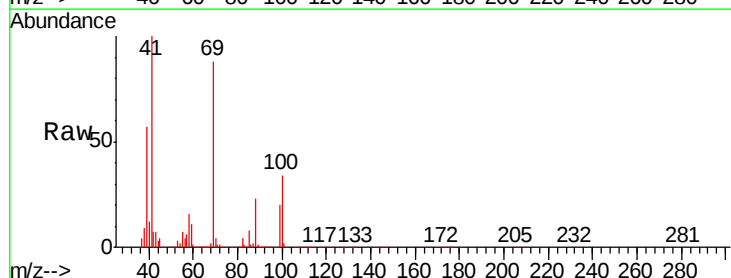
RT: 7.78 min Scan# 1087

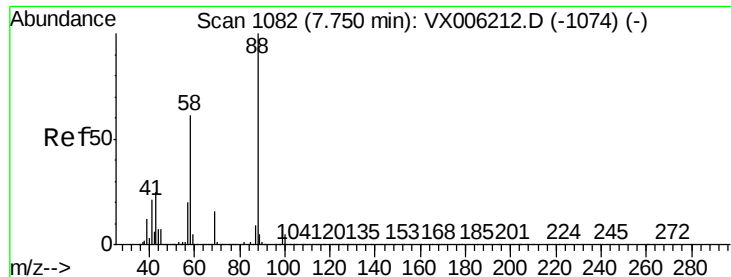
Delta R.T. 0.01 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Tgt Ion:	41	Resp:	307003
Ion	Ratio	Lower	Upper
41	100		
69	90.0	70.3	105.5
39	56.2	45.3	67.9





#49

1,4-Dioxane

Concen: 890.167 ug/l

RT: 7.80 min Scan# 1090

Delta R.T. 0.05 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Instrument :

MSVOA_X

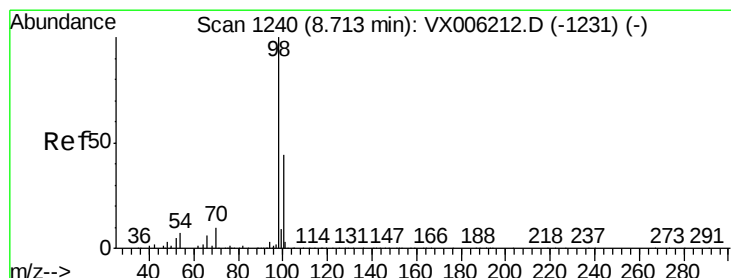
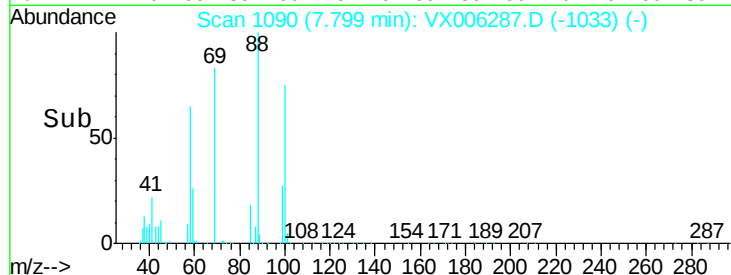
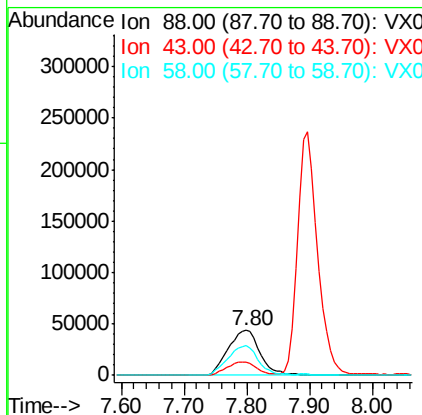
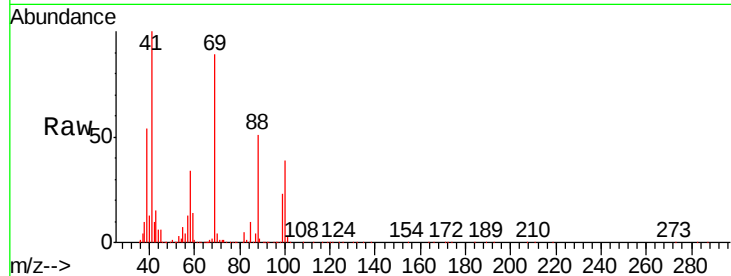
ClientSampleId :

S49-0483MSD

Tgt Ion:	88	Resp:	155240
Ion Ratio	Lower	Upper	
88	100		
43	27.0	23.2	34.8
58	61.9	51.4	77.0

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#50

Toluene-d8

Concen: 50.488 ug/l

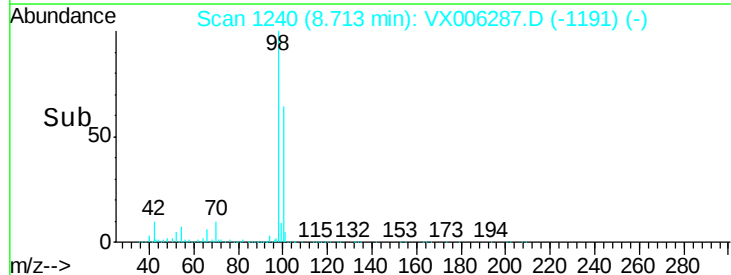
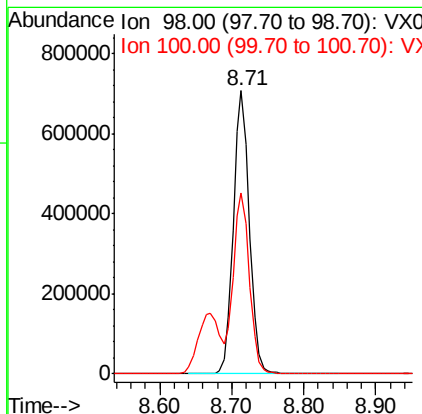
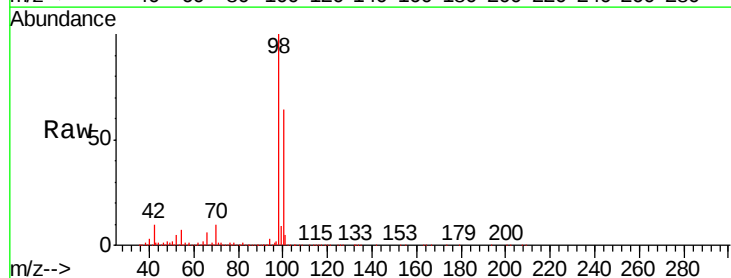
RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Tgt Ion:	98	Resp:	1099906
Ion Ratio	Lower	Upper	
98	100		
100	64.4	52.2	78.2





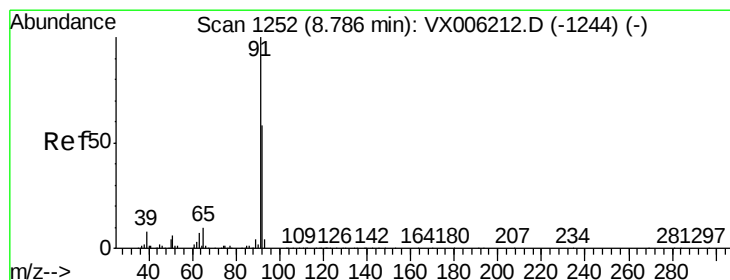
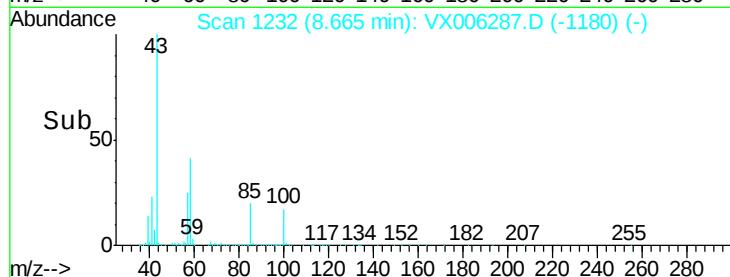
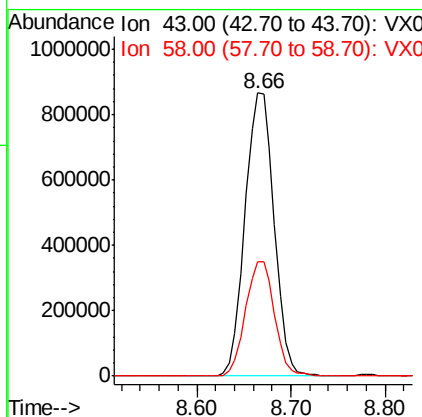
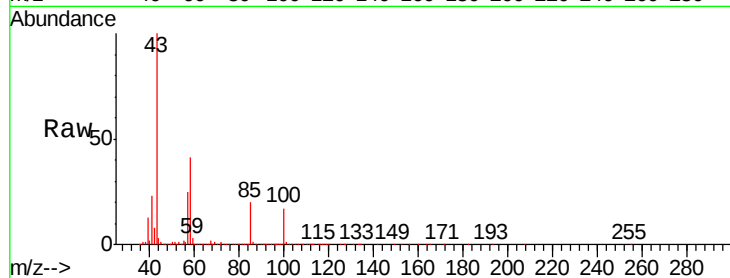
#51
4-Methyl-2-Pentanone
Concen: 221.213 ug/l
RT: 8.66 min Scan# 1232
Delta R.T. 0.02 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :
S49-0483MSD

Tgt Ion: 43 Resp: 1873039
Ion Ratio Lower Upper
43 100
58 40.6 31.3 46.9

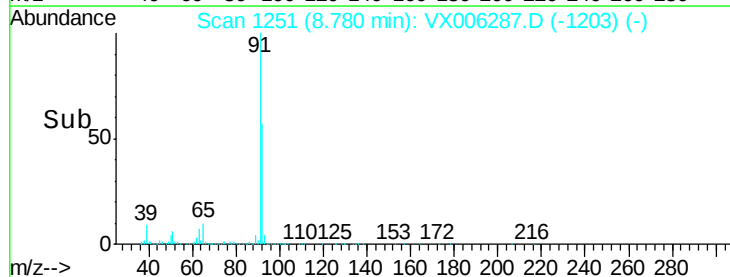
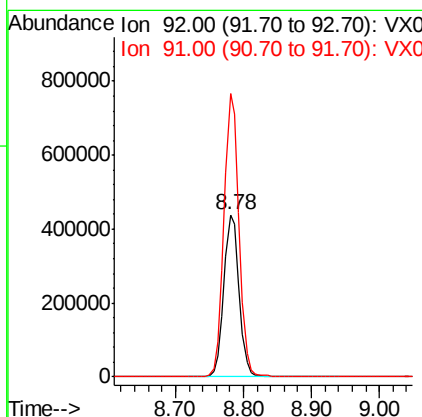
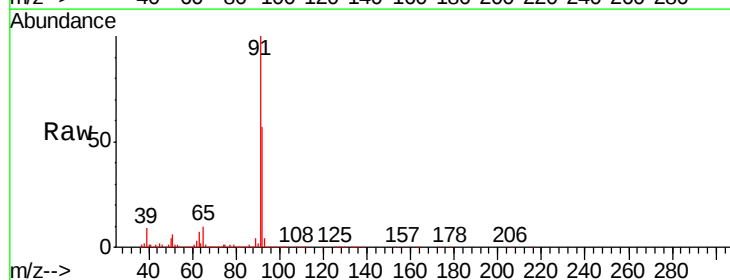
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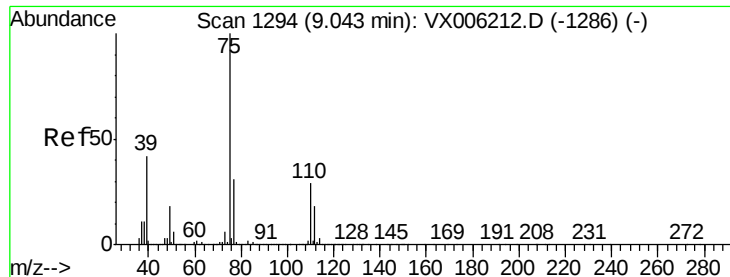
MMDadoda
12/5/2018 10:12:06 AM



#52
Toluene
Concen: 44.279 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Tgt Ion: 92 Resp: 679659
Ion Ratio Lower Upper
92 100
91 172.8 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 43.836 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

S49-0483MSD

Tgt Ion: 75 Resp: 425162

Ion Ratio Lower Upper

75 100

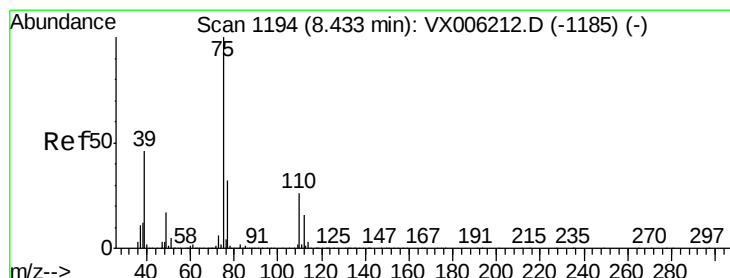
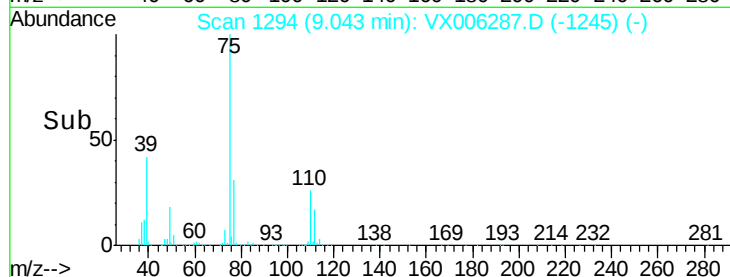
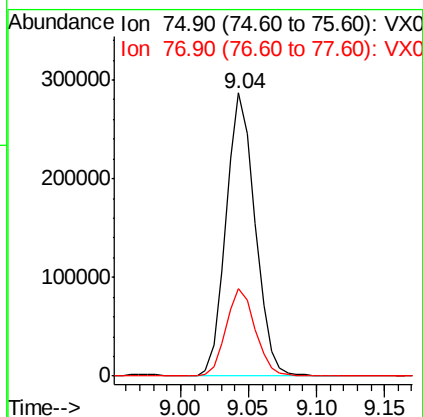
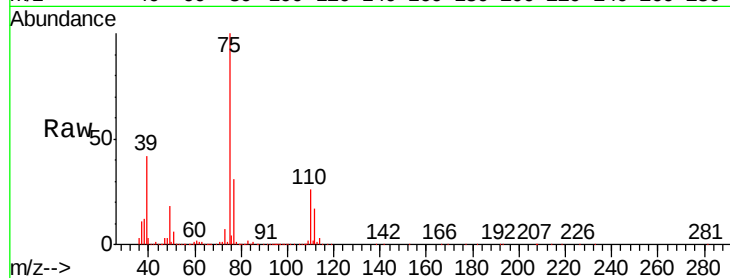
77 30.9 25.0 37.4

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#54

cis-1,3-Dichloropropene

Concen: 44.632 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

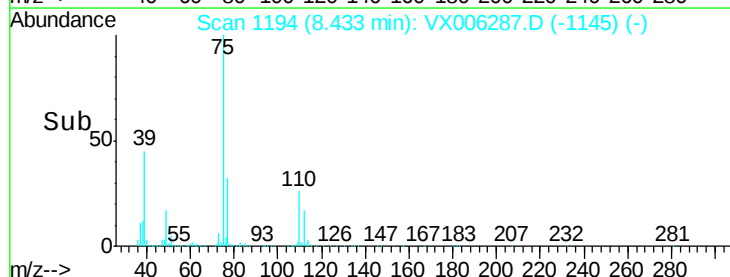
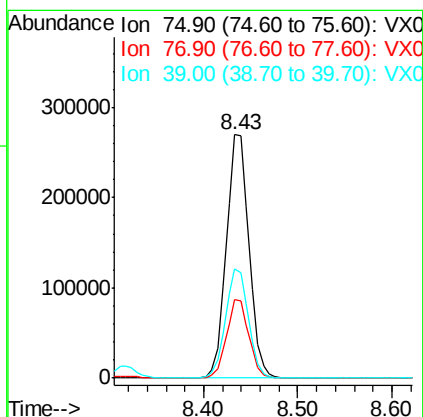
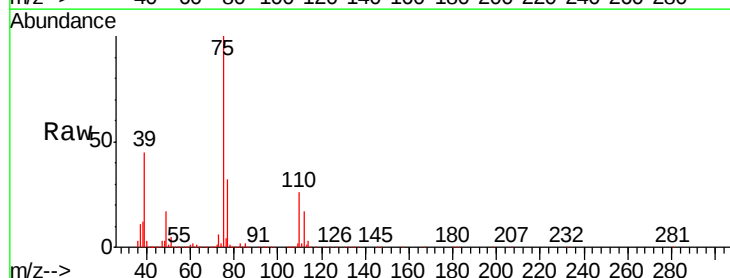
Tgt Ion: 75 Resp: 449502

Ion Ratio Lower Upper

75 100

77 32.1 25.6 38.4

39 45.0 36.5 54.7





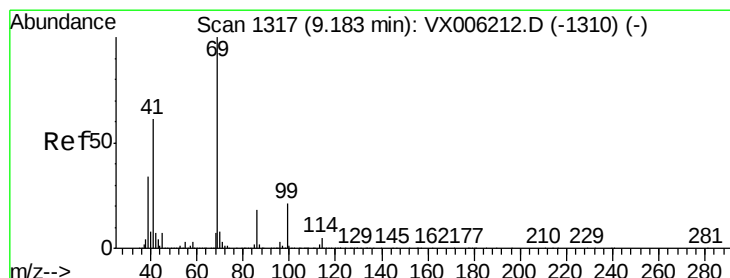
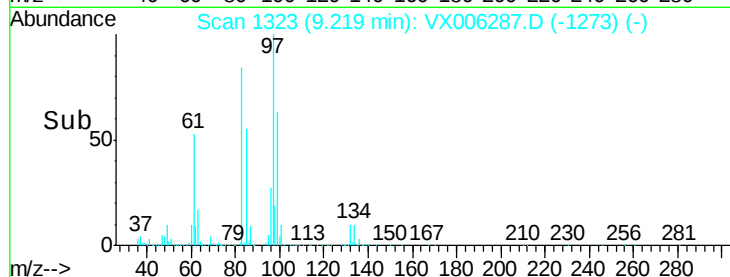
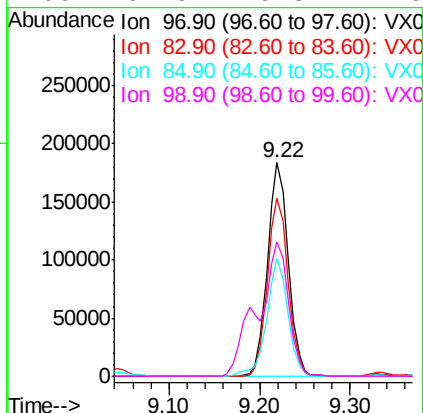
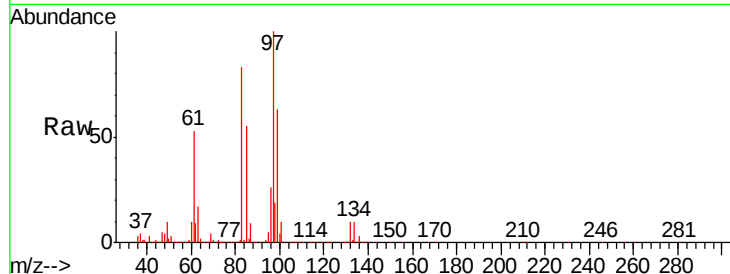
#55
 1,1,2-Trichloroethane
 Concen: 46.736 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VX006287.D
 Acq: 04 Dec 2018 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0483MSD

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	291441		
83	83.4	67.1	100.7	
85	55.1	43.2	64.8	
99	62.9	49.8	74.6	

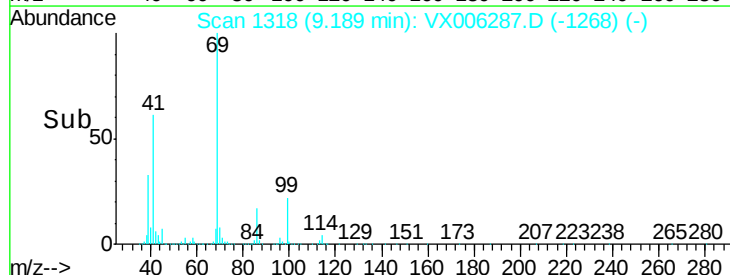
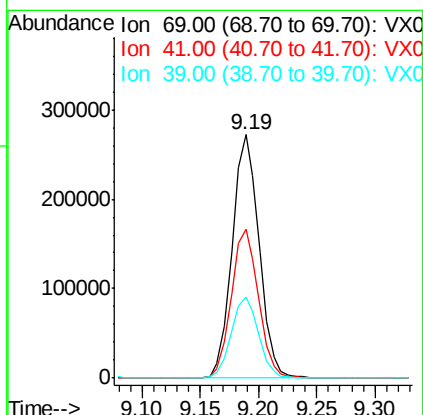
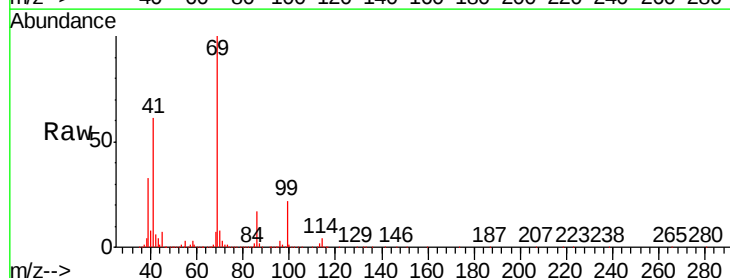
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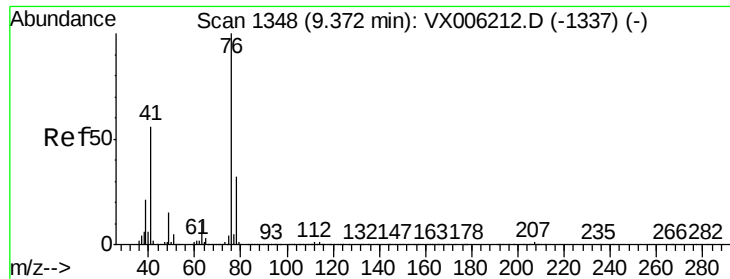
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#56
 Ethyl methacrylate
 Concen: 44.920 ug/l
 RT: 9.19 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: VX006287.D
 Acq: 04 Dec 2018 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	437907		
41	61.3	50.6	76.0	
39	33.4	27.6	41.4	





#57

1,3-Dichloropropane

Concen: 45.595 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

S49-0483MSD

Tgt Ion: 76 Resp: 449603

Ion Ratio Lower Upper

76 100

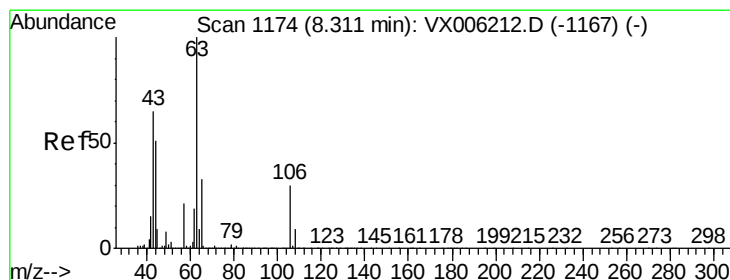
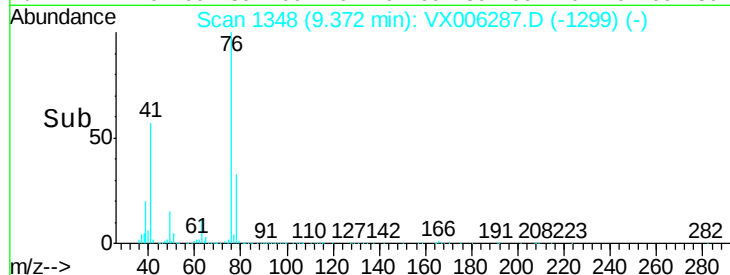
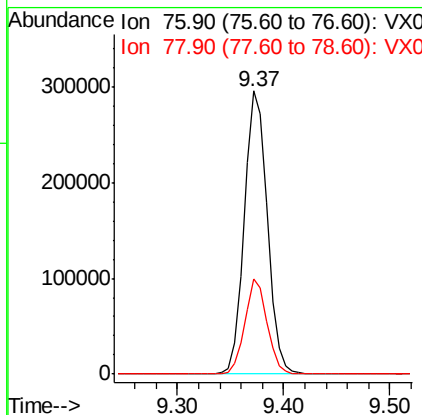
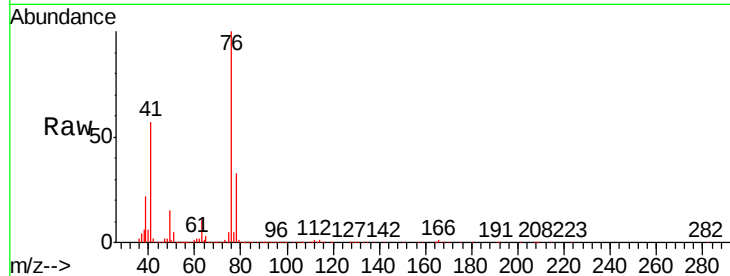
78 32.4 26.1 39.1

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#58

2-Chloroethyl Vinyl ether

Concen: 240.281 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX006287.D

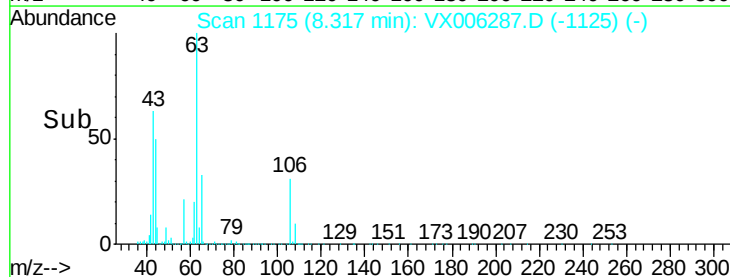
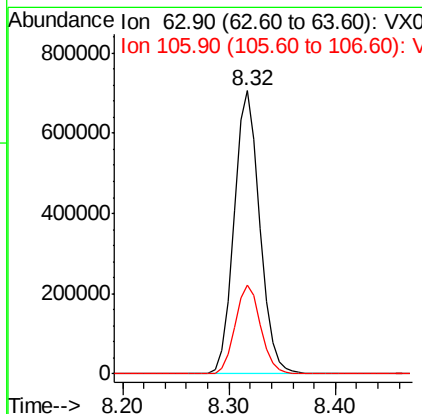
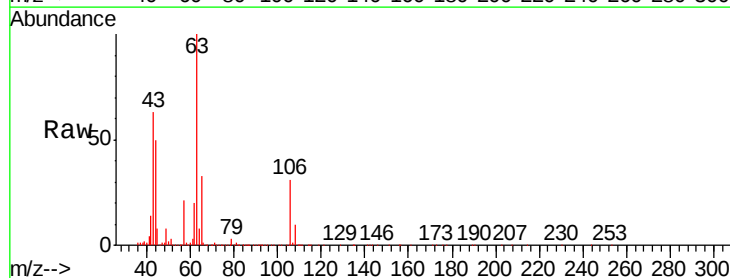
Acq: 04 Dec 2018 19:08

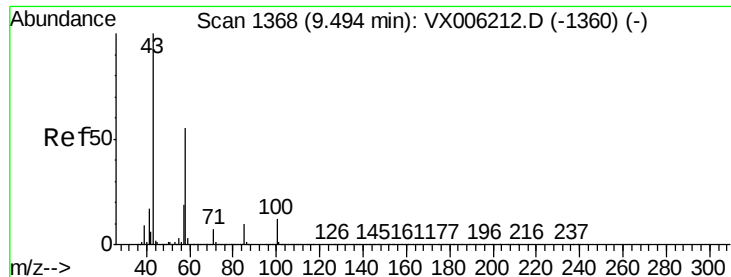
Tgt Ion: 63 Resp: 1188656

Ion Ratio Lower Upper

63 100

106 31.5 24.9 37.3





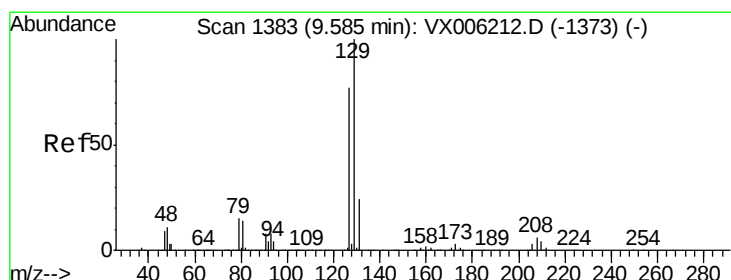
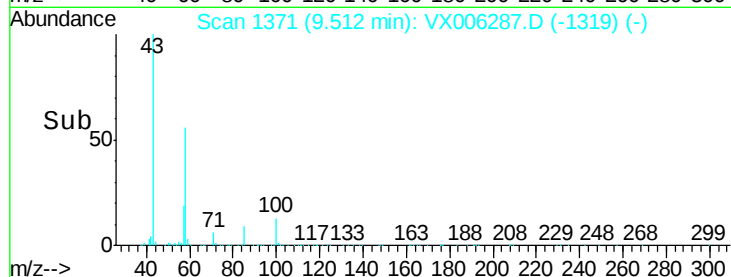
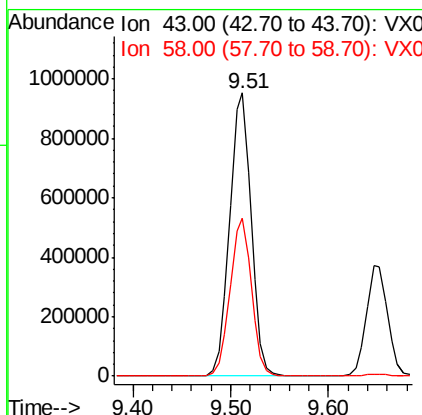
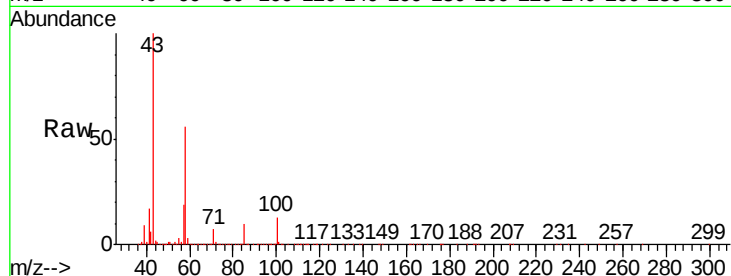
#59
2-Hexanone
Concen: 225.172 ug/l
RT: 9.51 min Scan# 1371
Delta R.T. 0.02 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Instrument :
MSVOA_X
ClientSampled :
S49-0483MSD

Tgt Ion: 43 Resp: 1456618
Ion Ratio Lower Upper
43 100
58 55.4 27.7 83.1

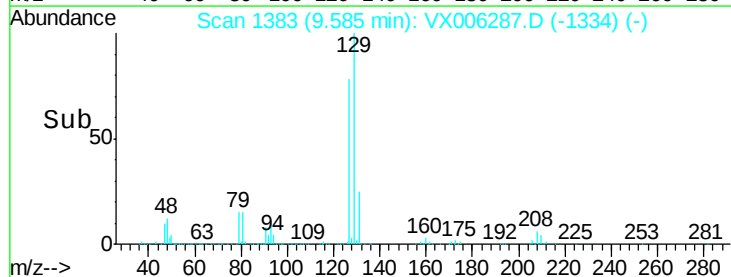
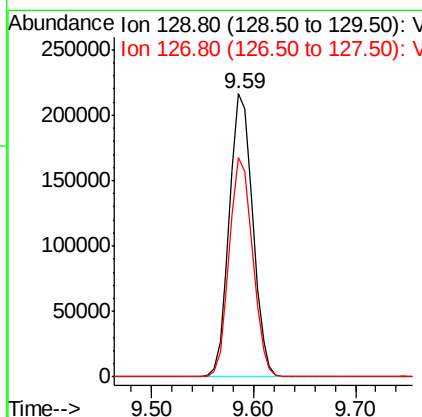
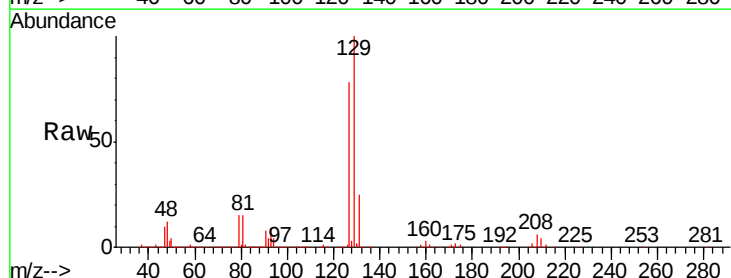
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#60
Dibromochloromethane
Concen: 44.603 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Tgt Ion: 129 Resp: 342970
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8





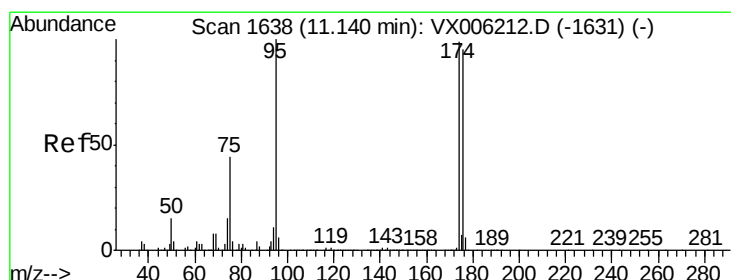
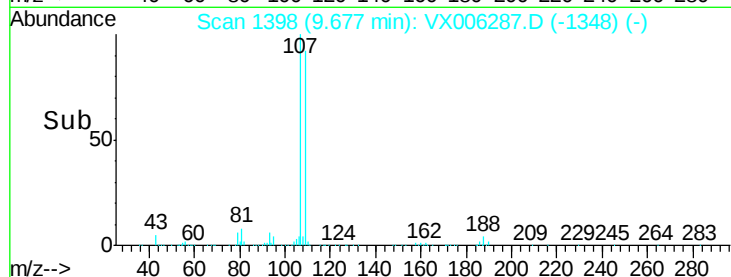
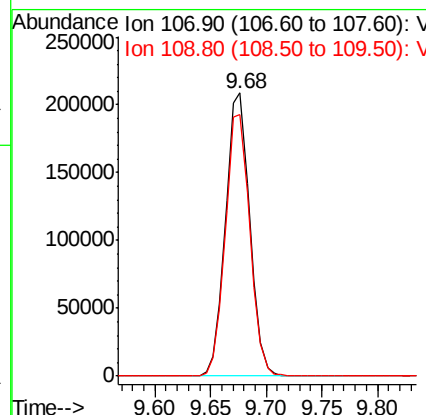
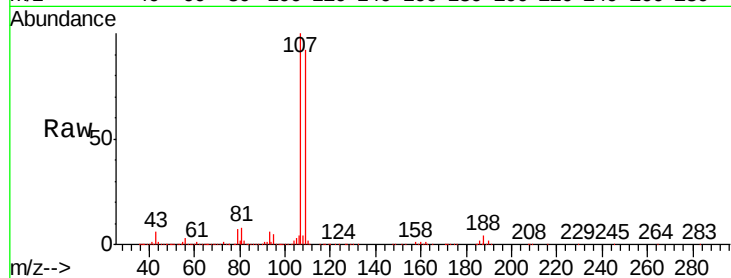
#61
 1,2-Dibromoethane
 Concen: 45.023 ug/l
 RT: 9.68 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: VX006287.D
 Acq: 04 Dec 2018 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0483MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	313930		
109	94.5	76.3	114.5	

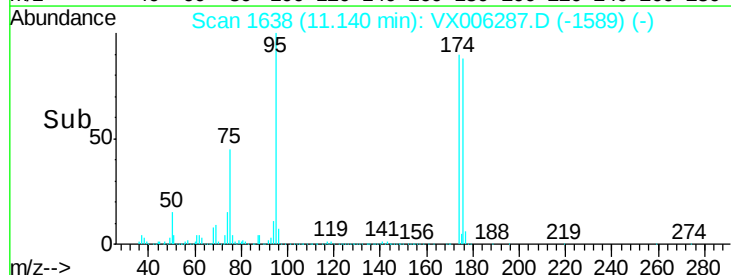
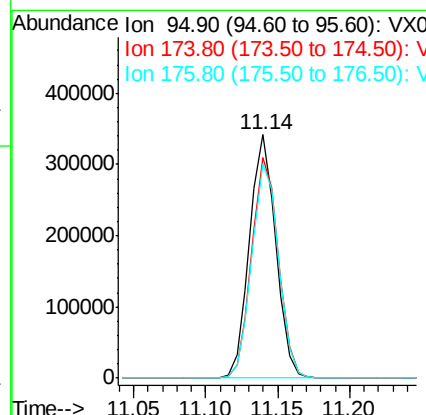
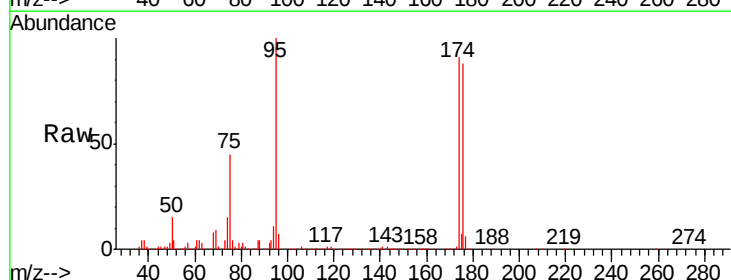
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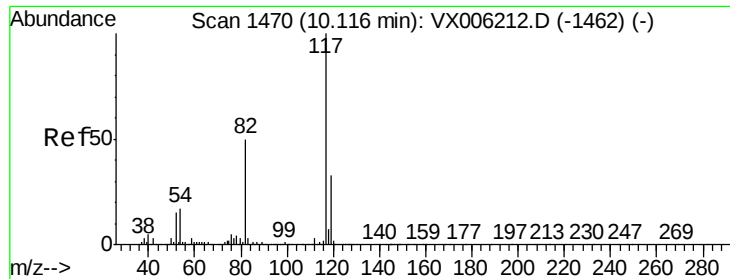
MMDadoda
 12/5/2018 10:12:06 AM



#62
 4-Bromofluorobenzene
 Concen: 52.508 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX006287.D
 Acq: 04 Dec 2018 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	431063		
174	91.9	0.0	187.0	
176	89.7	0.0	181.8	





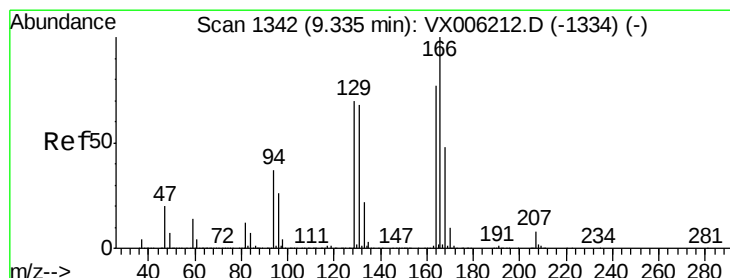
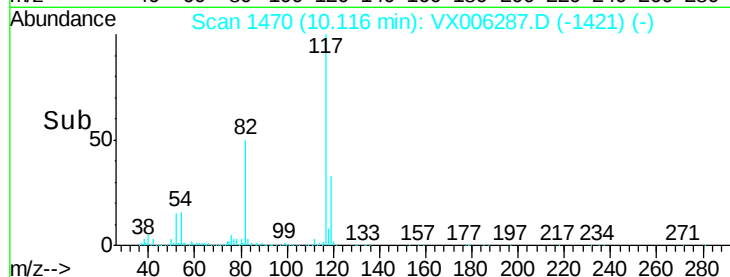
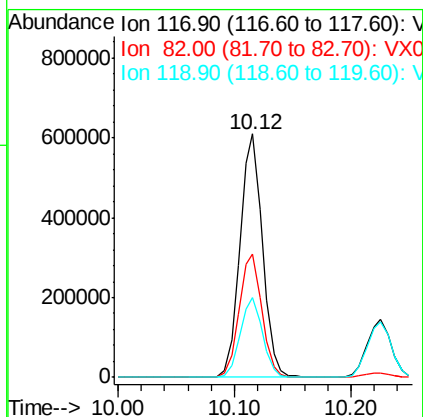
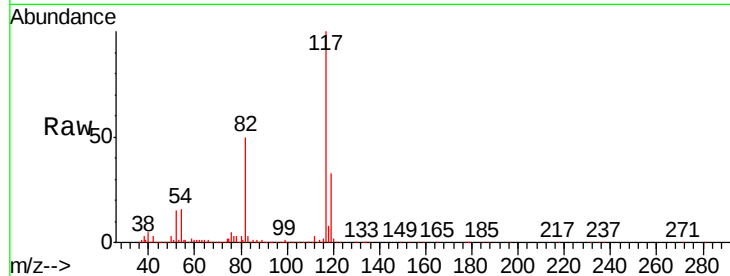
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :
S49-0483MSD

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	821299		
82	50.4	39.6	59.4	
119	32.8	26.3	39.5	

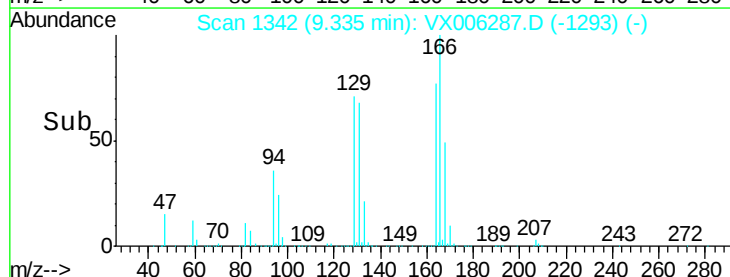
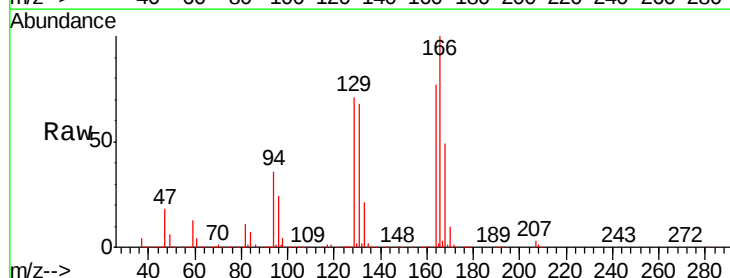
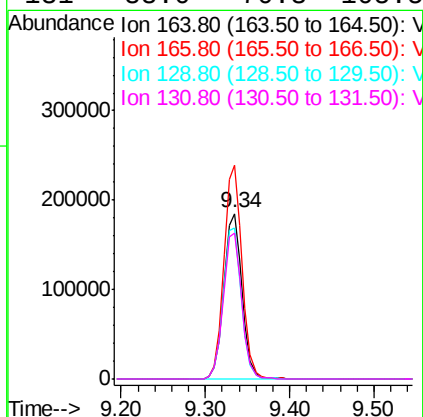
Manual Integrations
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#64
Tetrachloroethene
Concen: 44.651 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	276172		
166	129.3	104.2	156.2	
129	91.3	72.6	108.8	
131	88.0	70.3	105.5	





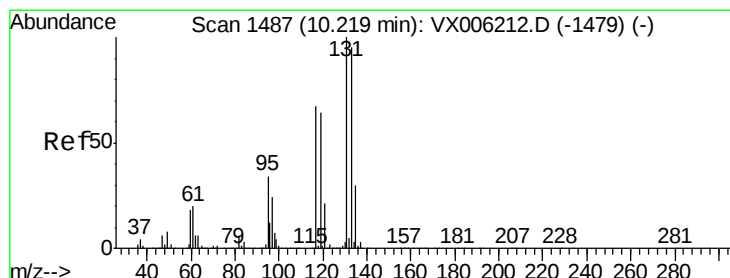
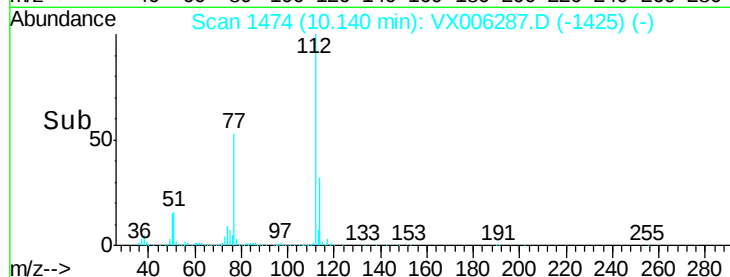
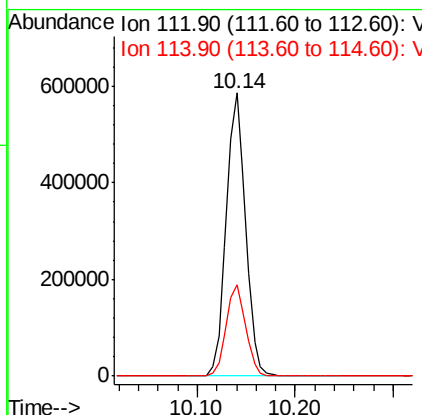
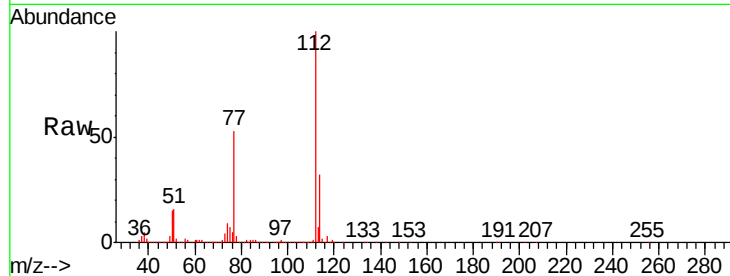
#65
Chlorobenzene
Concen: 46.114 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :
S49-0483MSD

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.4	38.2

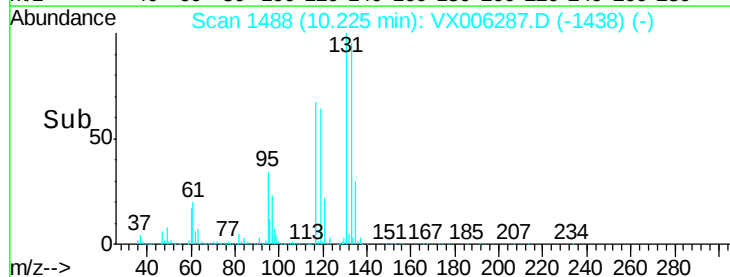
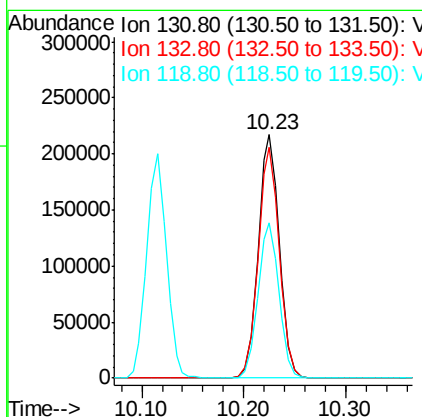
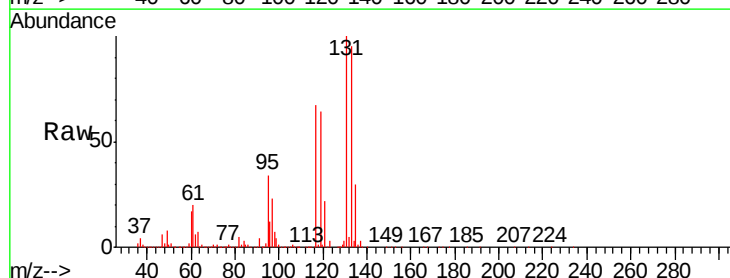
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#66
1,1,1,2-Tetrachloroethane
Concen: 46.478 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	48.1	144.4
119	64.1	32.1	96.3





#67

Ethyl Benzene

Concen: 45.270 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

S49-0483MSD

Tgt Ion: 91 Resp: 1312695

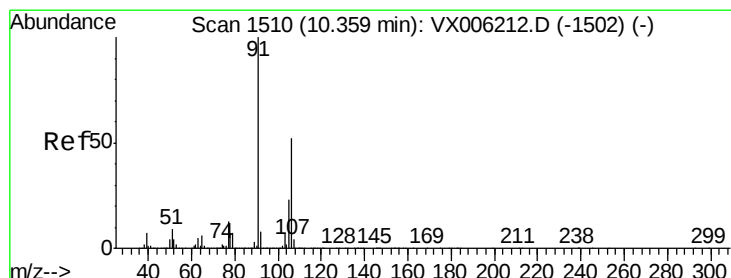
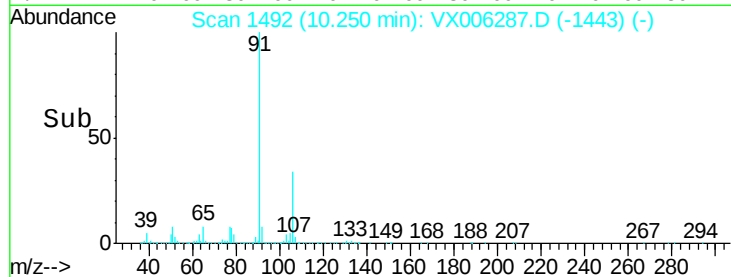
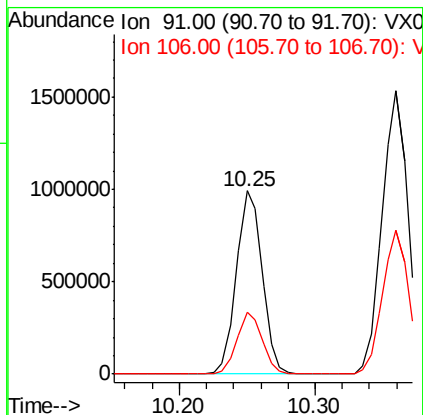
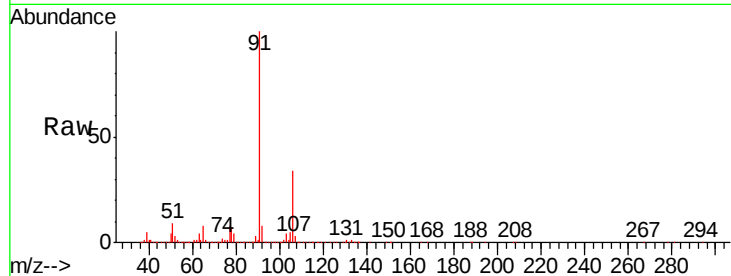
Ion Ratio Lower Upper

91 100

106 33.6 26.5 39.7

Manual Integrations
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#68

m/p-Xylenes

Concen: 90.007 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006287.D

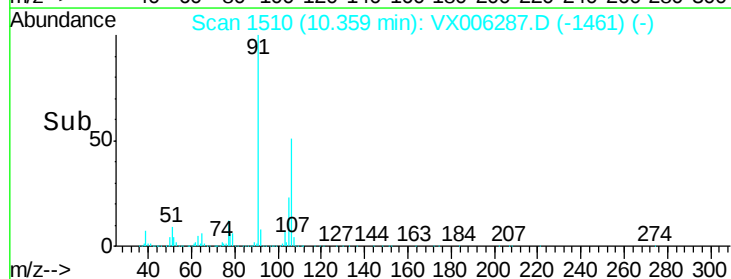
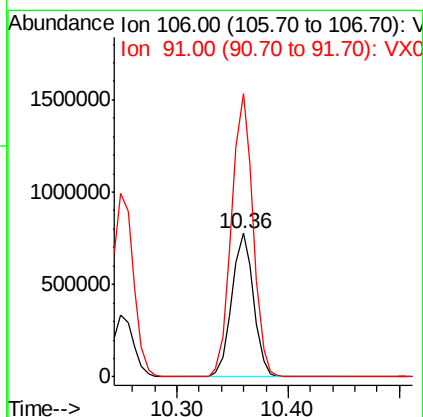
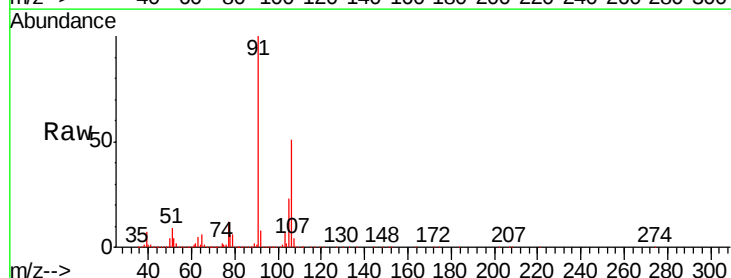
Acq: 04 Dec 2018 19:08

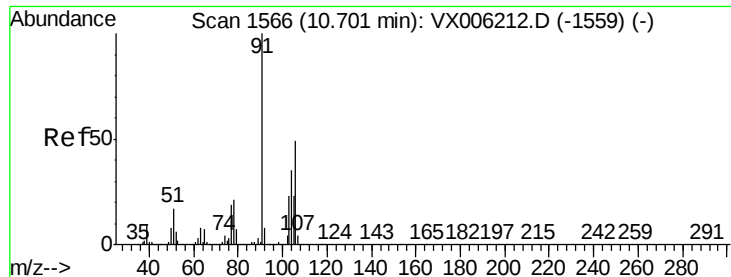
Tgt Ion: 106 Resp: 1045452

Ion Ratio Lower Upper

106 100

91 195.5 155.2 232.8





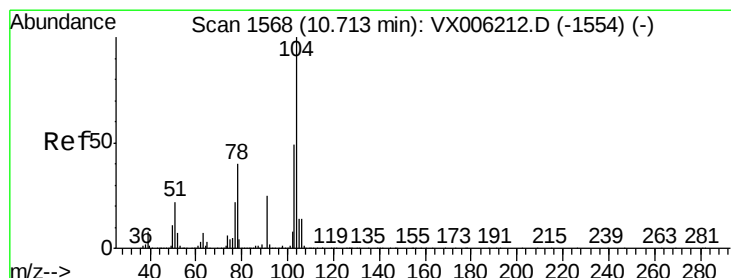
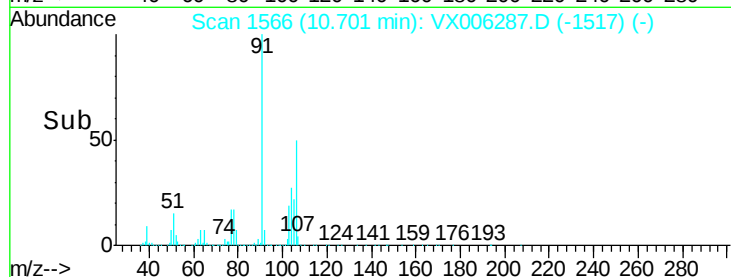
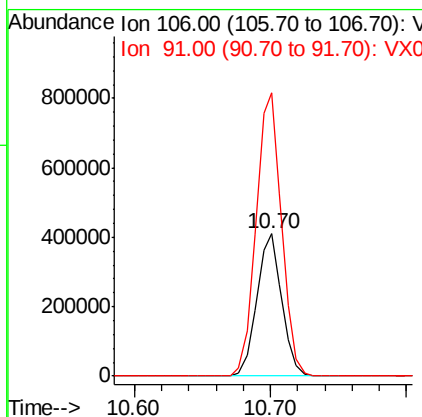
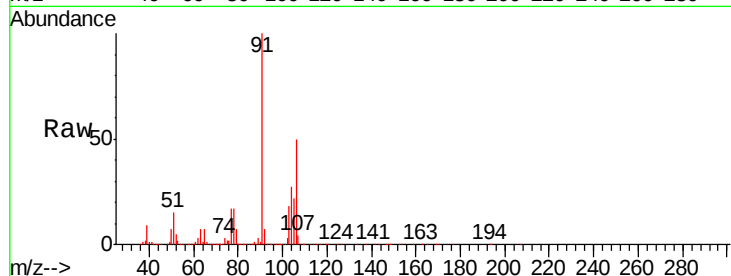
#69
o-Xylene
Concen: 45.877 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :
S49-0483MSD

Tgt Ion:106 Resp: 526349
Ion Ratio Lower Upper
106 100
91 203.6 101.8 305.6

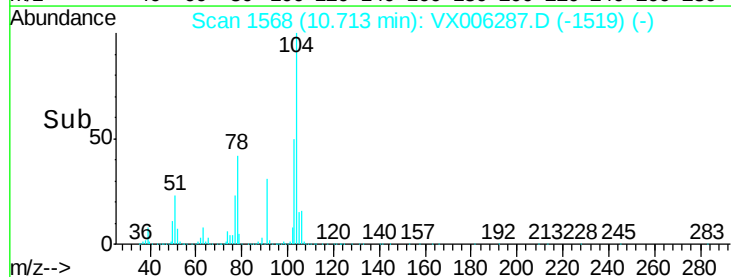
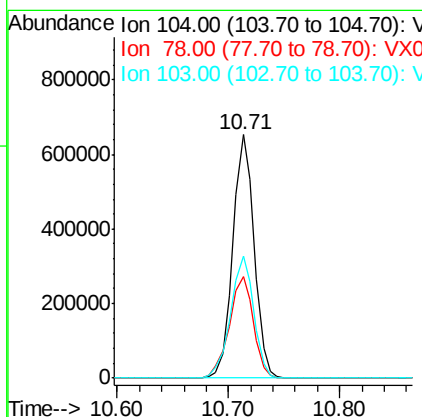
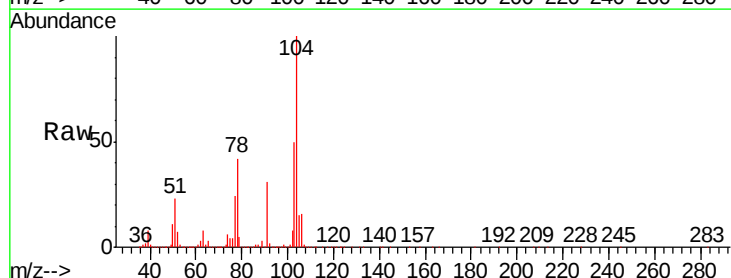
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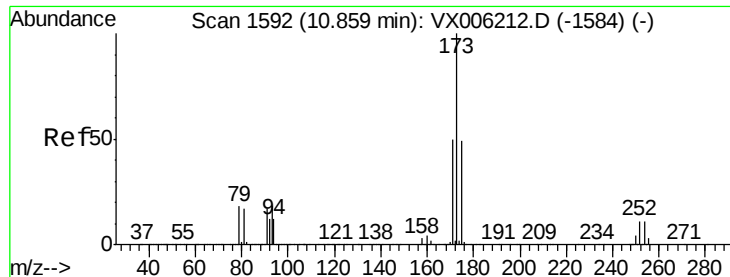
MMDadoda
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#70
Styrene
Concen: 46.534 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Tgt Ion:104 Resp: 863497
Ion Ratio Lower Upper
104 100
78 47.4 37.2 55.8
103 54.8 43.5 65.3





#71

Bromoform

Concen: 44.961 ug/l

RT: 10.87 min Scan# 1593

Delta R.T. 0.01 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Instrument :

MSVOA_X

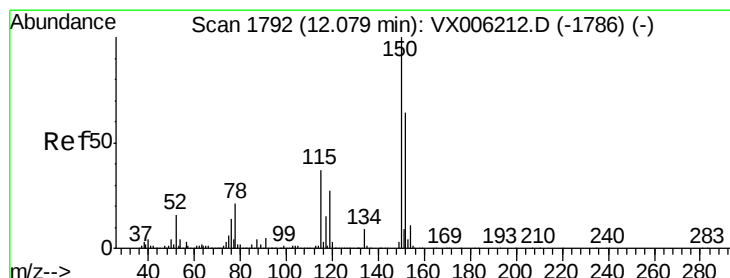
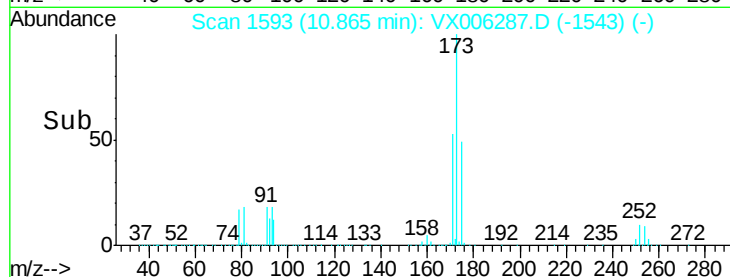
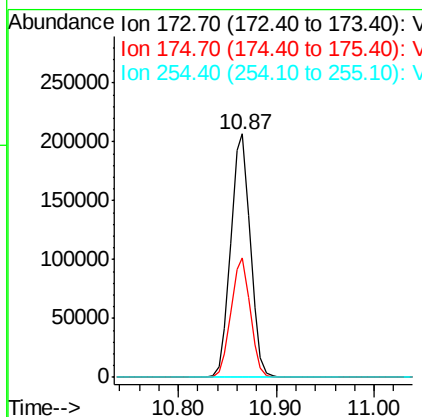
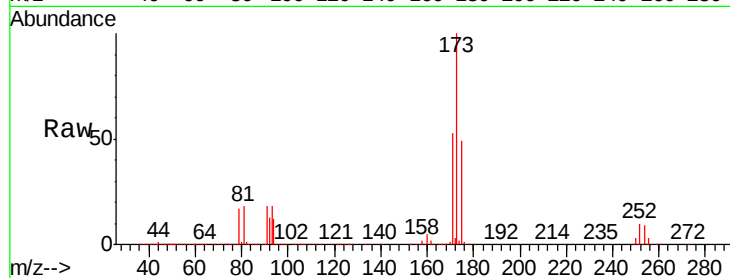
ClientSampleId :

S49-0483MSD

Tgt Ion:	173	Resp:	287502
Ion Ratio		Lower	Upper
173	100		
175	48.4	24.6	73.8
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

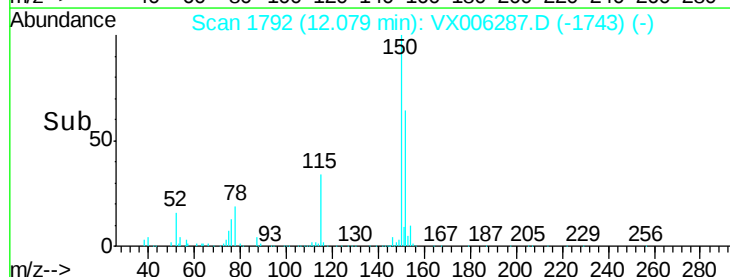
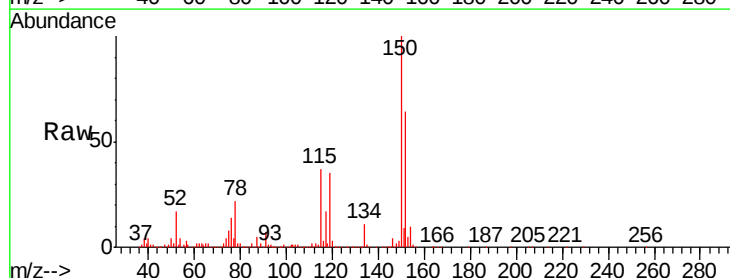
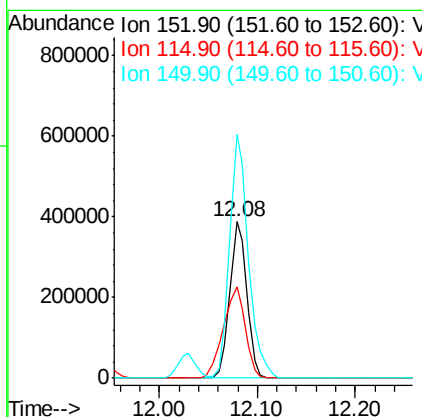
RT: 12.08 min Scan# 1792

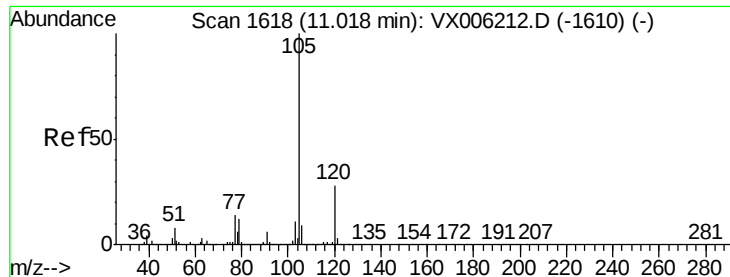
Delta R.T. 0.00 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Tgt Ion:	152	Resp:	468267
Ion Ratio		Lower	Upper
152	100		
115	74.8	39.0	116.9
150	172.2	0.0	345.8





#73

Isopropylbenzene

Concen: 42.645 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

S49-0483MSD

Tgt Ion: 105 Resp: 1379044

Ion Ratio Lower Upper

105 100

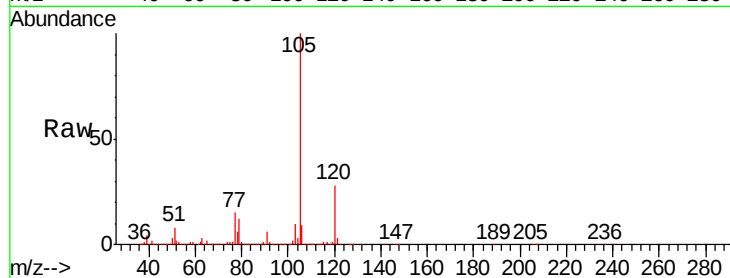
120 28.2 14.1 42.3

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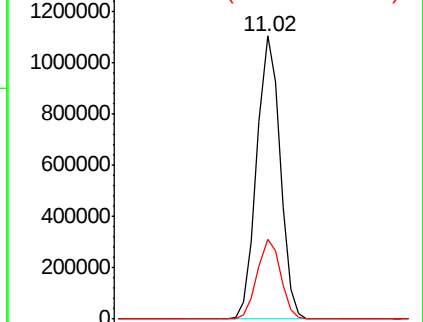
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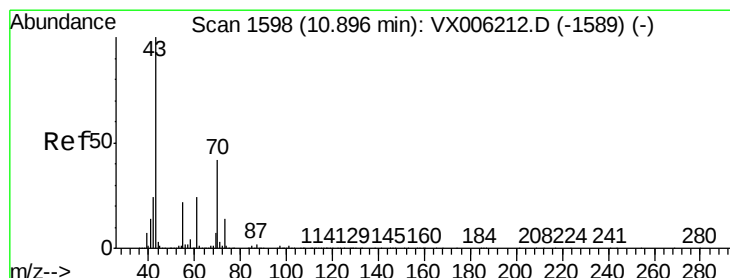
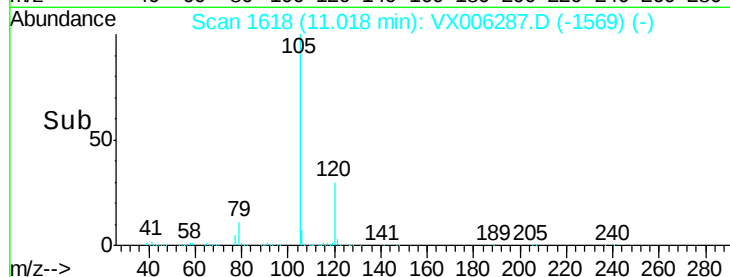


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 42.629 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Tgt Ion: 43 Resp: 593622

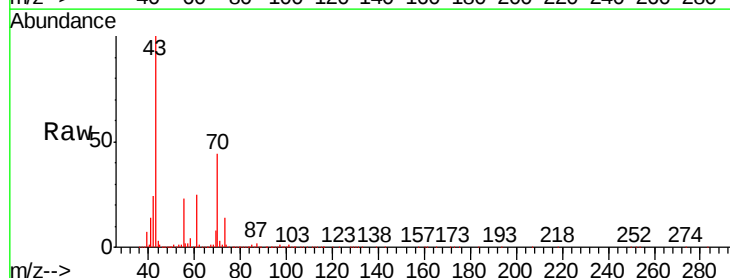
Ion Ratio Lower Upper

43 100

70 43.5 34.1 51.1

55 22.8 17.8 26.8

61 25.3 19.7 29.5

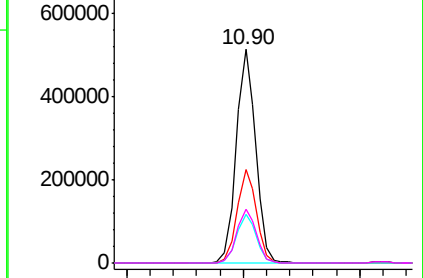


Abundance Ion 43.00 (42.70 to 43.70): VX0

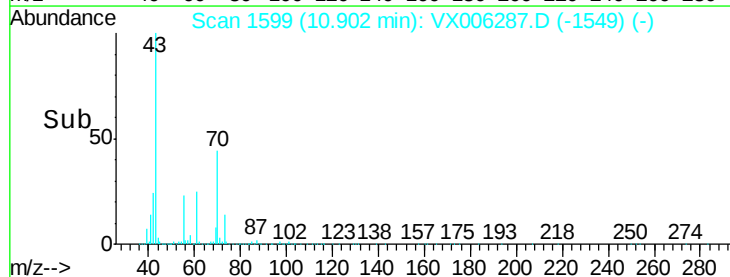
Ion 70.00 (69.70 to 70.70): VX0

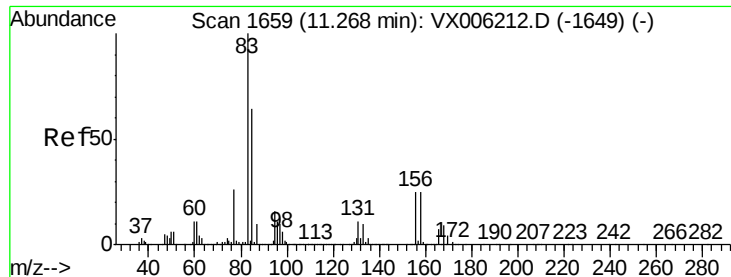
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 45.434 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Instrument :

MSVOA_X

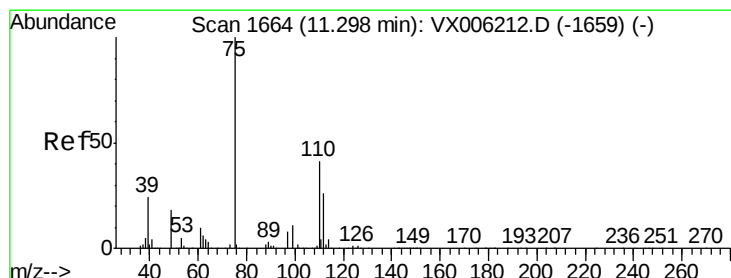
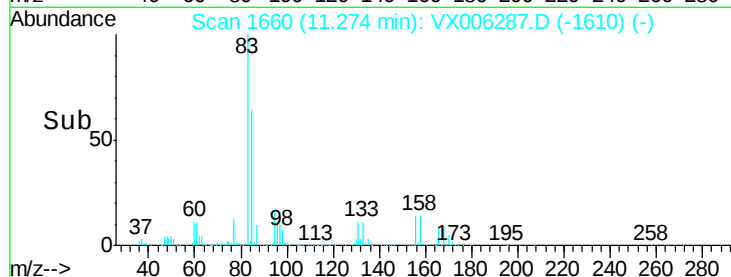
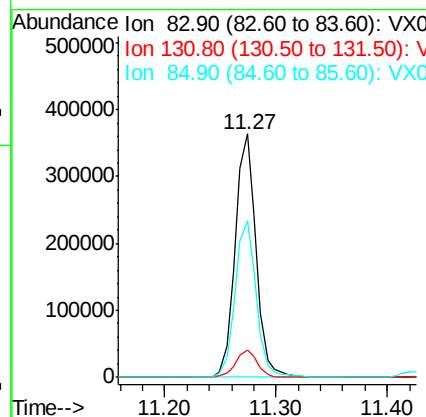
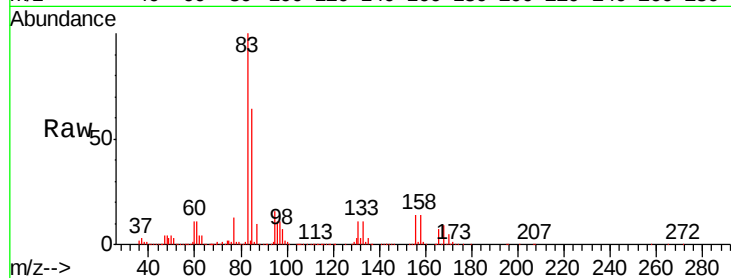
ClientSampleId :

S49-0483MSD

Tgt Ion:	83	Resp:	470044
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.7	17.1
85	64.9	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 50.430 ug/l m

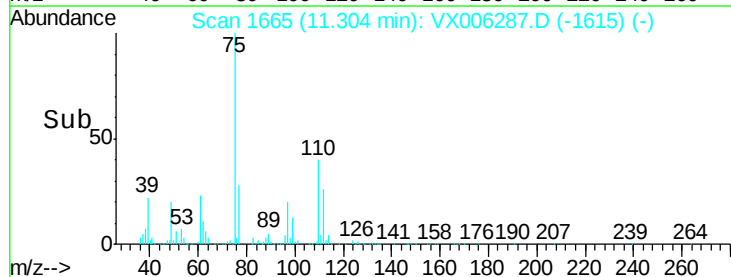
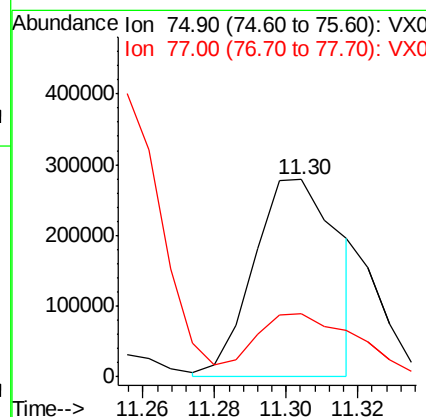
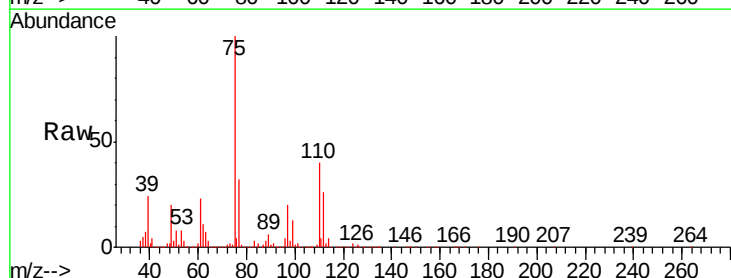
RT: 11.30 min Scan# 1665

Delta R.T. 0.01 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Tgt Ion:	75	Resp:	455806
Ion Ratio	Lower	Upper	
75	100		
77	38.8	19.9	59.7





#77

Bromobenzene

Concen: 43.201 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Instrument :

MSVOA_X

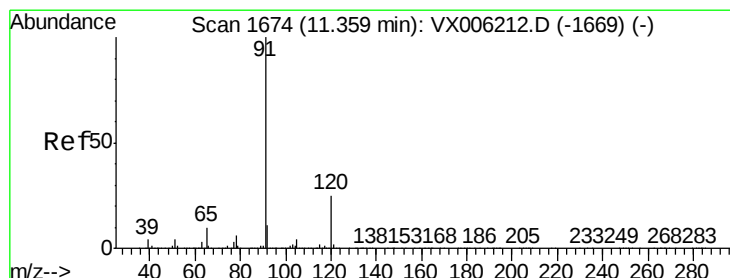
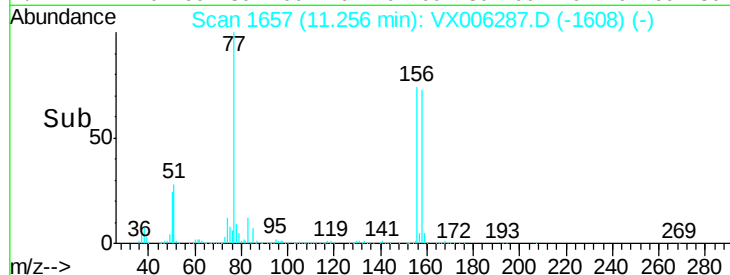
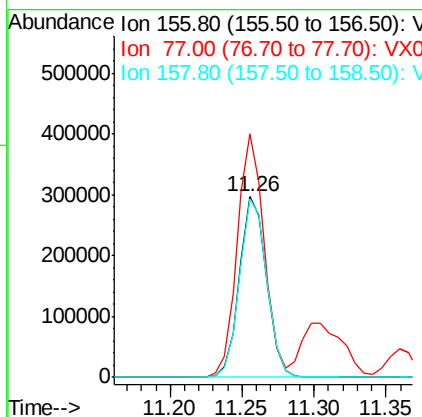
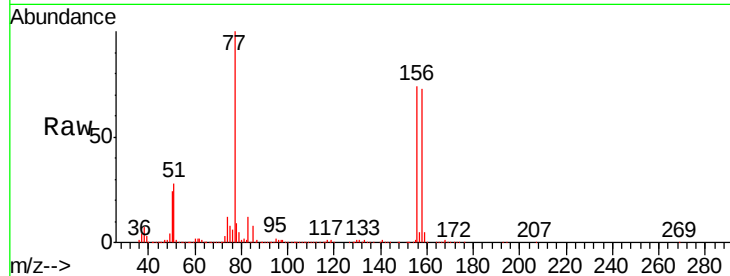
ClientSampled :

S49-0483MSD

Tgt Ion:	156	Resp:	387701
Ion Ratio	Lower	Upper	
156	100		
77	133.7	66.2	198.6
158	99.4	48.8	146.4

Manual Integrations
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12/5/2018 10:12:06 AM



#78

n-propylbenzene

Concen: 43.281 ug/l

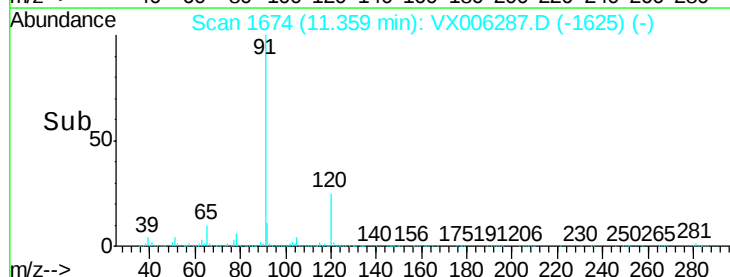
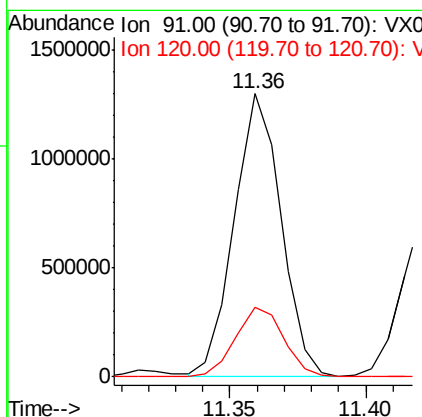
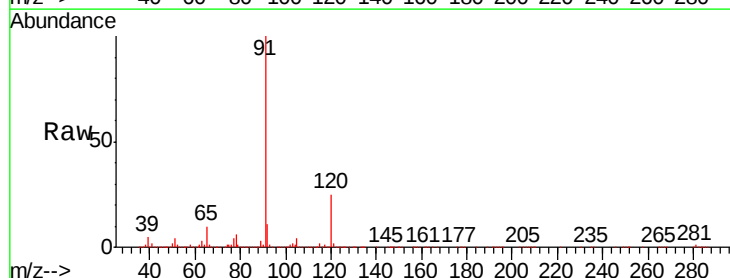
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Tgt Ion:	91	Resp:	1555807
Ion Ratio	Lower	Upper	
91	100		
120	25.3	12.7	38.0





#79

2-Chlorotoluene

Concen: 43.414 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampled :

S49-0483MSD

Tgt Ion: 91 Resp: 927558

Ion Ratio Lower Upper

91 100

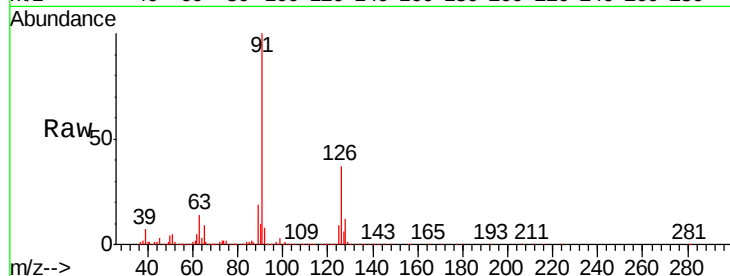
126 37.7 18.6 56.0

Manual Integrations

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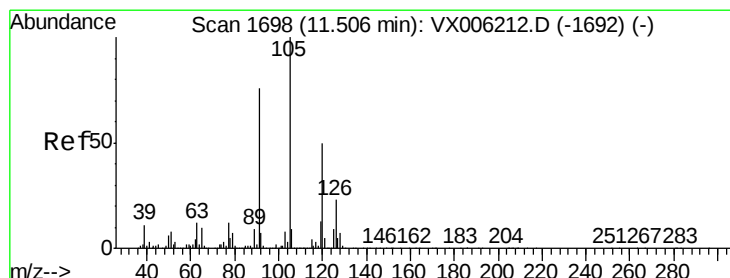
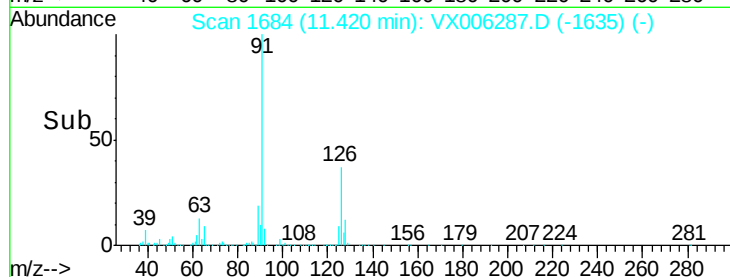
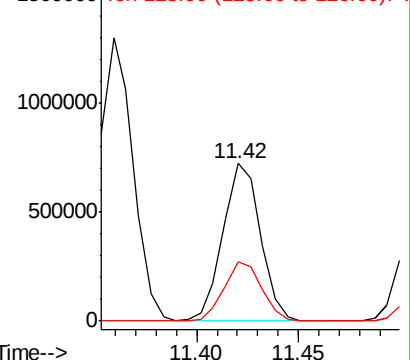
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 43.222 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006287.D

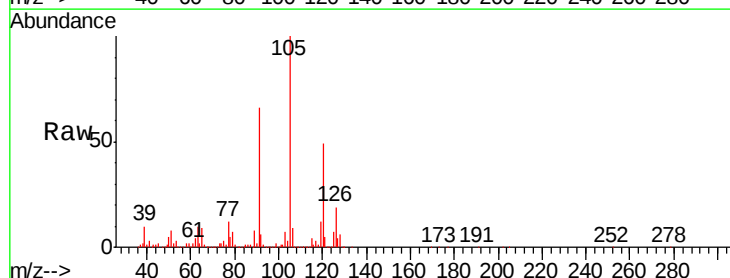
Acq: 04 Dec 2018 19:08

Tgt Ion: 105 Resp: 1162947

Ion Ratio Lower Upper

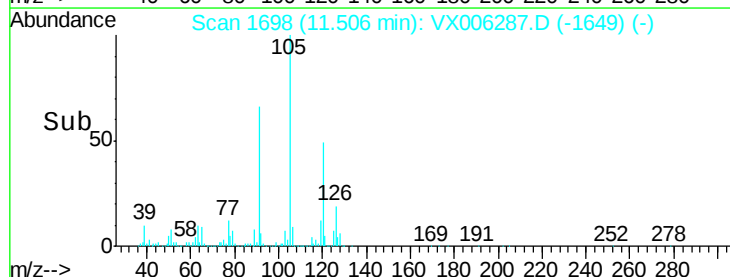
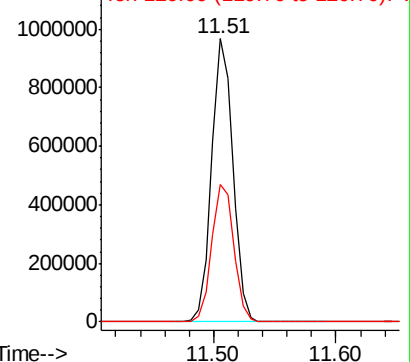
105 100

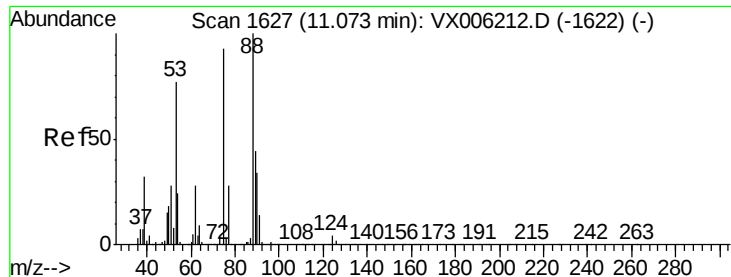
120 50.3 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





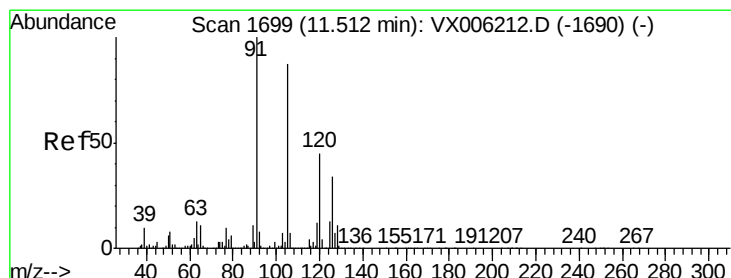
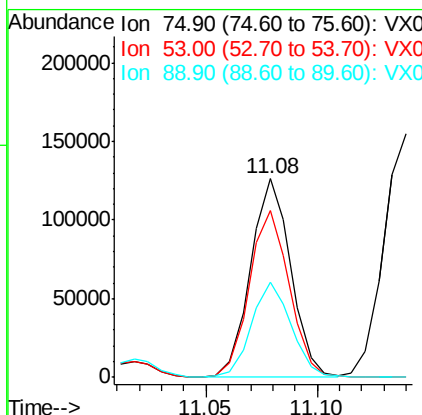
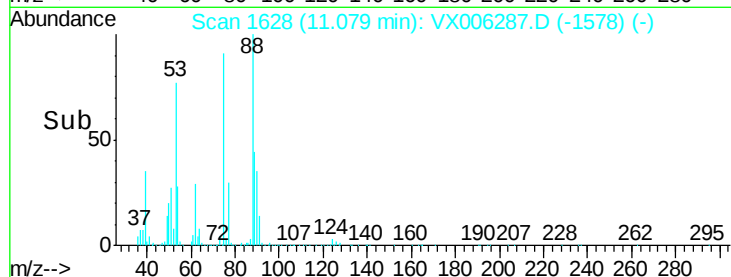
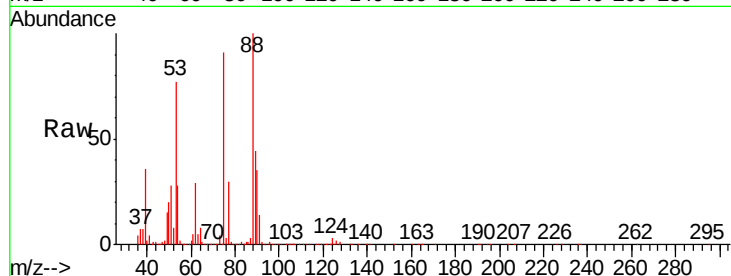
#81
trans-1,4-Dichloro-2-butene
Concen: 40.904 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. 0.01 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :
S49-0483MSD

Tgt Ion	Ratio	Lower	Upper
75	100		
53	84.3	64.4	96.6
89	48.0	44.2	66.4

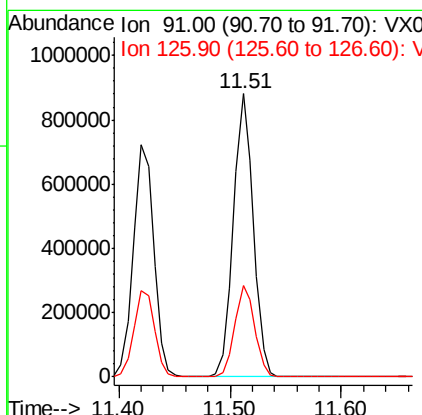
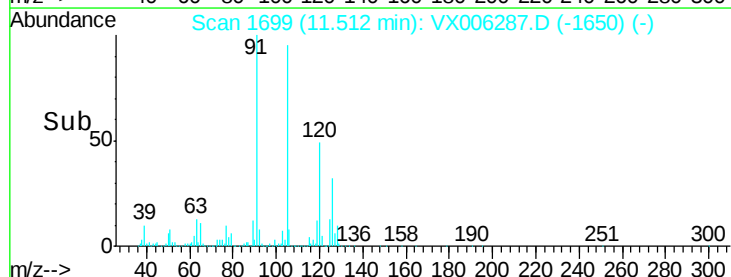
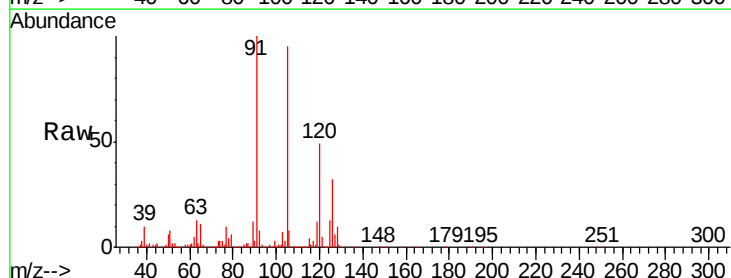
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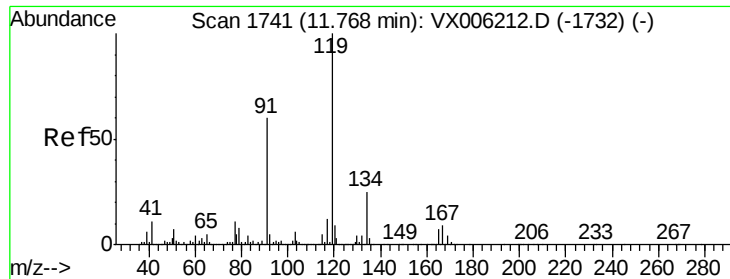
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#82
4-Chlorotoluene
Concen: 43.833 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006287.D
Acq: 04 Dec 2018 19:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.4	49.4





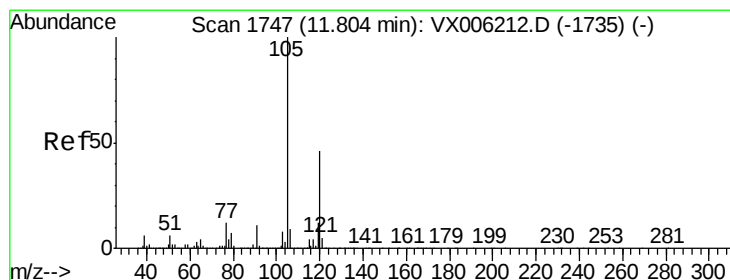
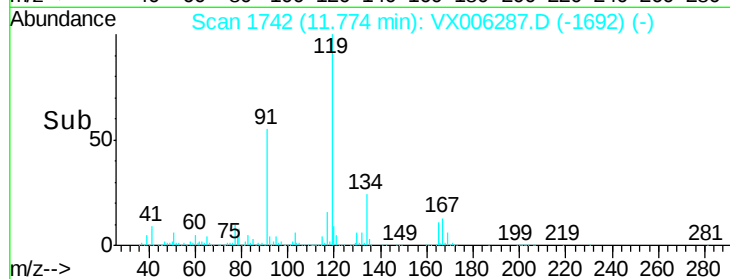
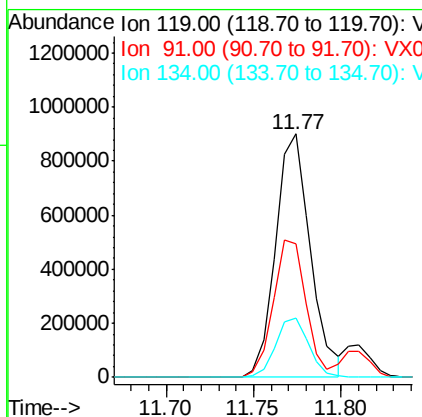
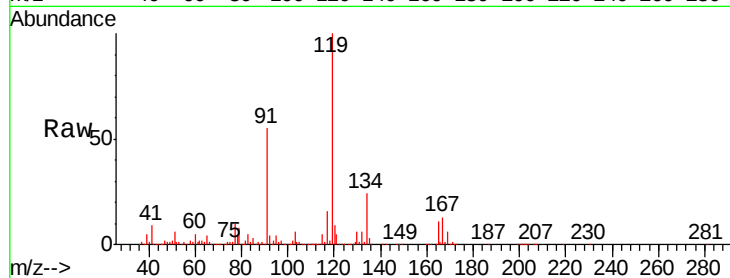
#83
 tert-Butylbenzene
 Concen: 43.459 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX006287.D
 Acq: 04 Dec 2018 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0483MSD

Tgt Ion	Ratio	Lower	Upper
119	100		
91	53.0	26.4	79.2
134	23.4	11.6	34.7

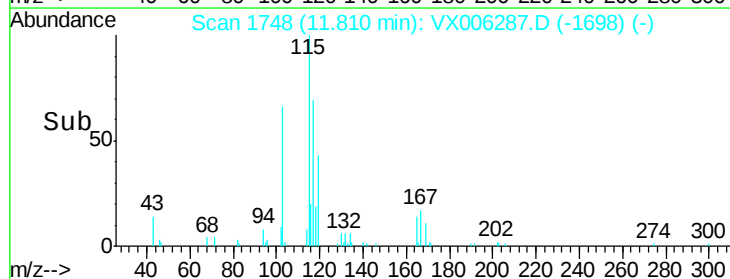
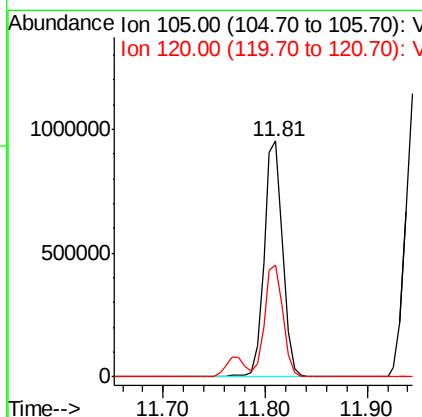
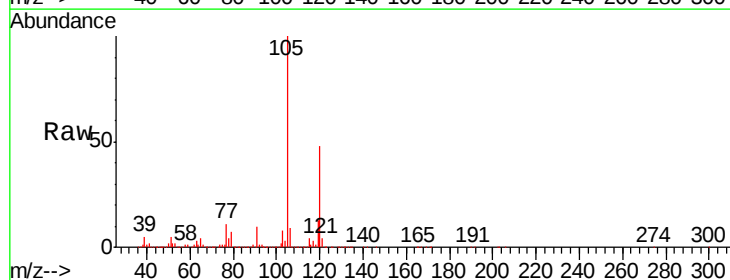
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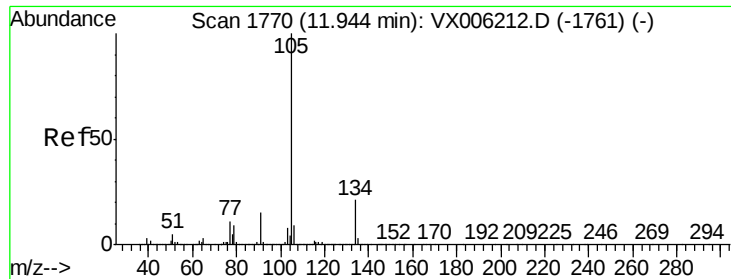
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#84
 1,2,4-Trimethylbenzene
 Concen: 43.175 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006287.D
 Acq: 04 Dec 2018 19:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.4	70.0





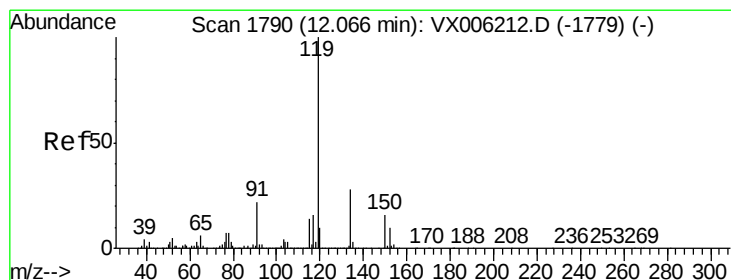
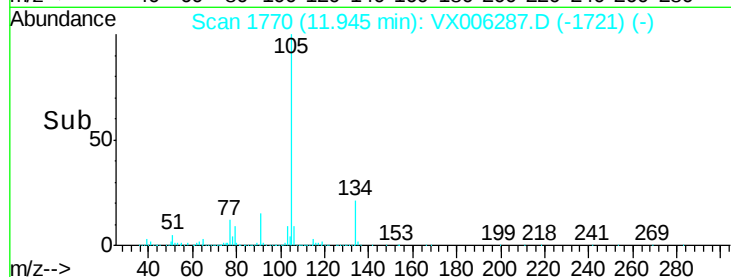
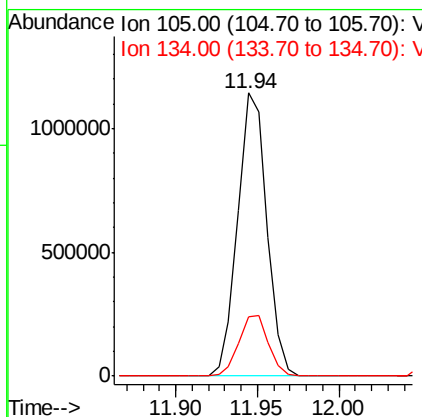
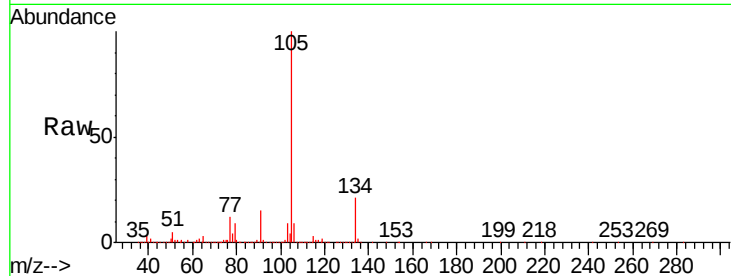
#85
 sec-Butylbenzene
 Concen: 43.750 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX006287.D
 Acq: 04 Dec 2018 19:08

Instrument :
 MSVOA_X
 ClientSampled :
 S49-0483MSD

Tgt Ion:105 Resp: 1428843
 Ion Ratio Lower Upper
 105 100
 134 21.9 10.8 32.4

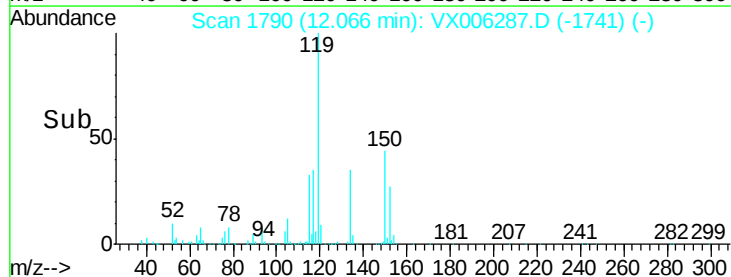
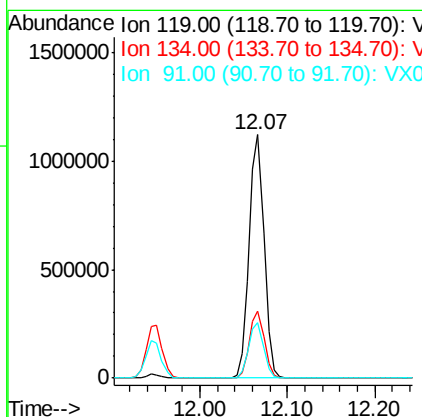
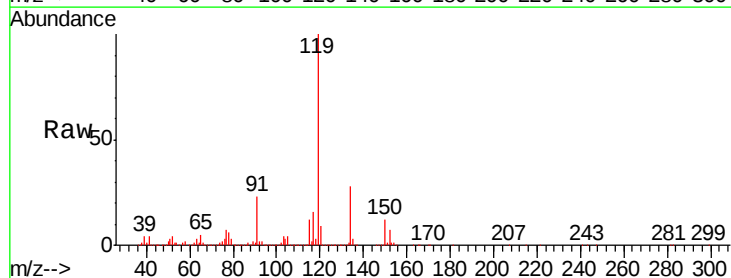
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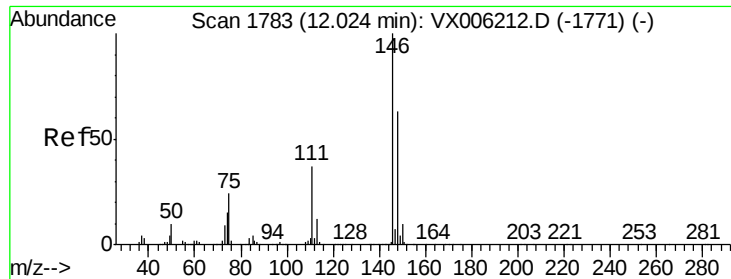
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#86
 p-Isopropyltoluene
 Concen: 44.696 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX006287.D
 Acq: 04 Dec 2018 19:08

Tgt Ion:119 Resp: 1314451
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.9 41.6
 91 22.6 11.3 33.8





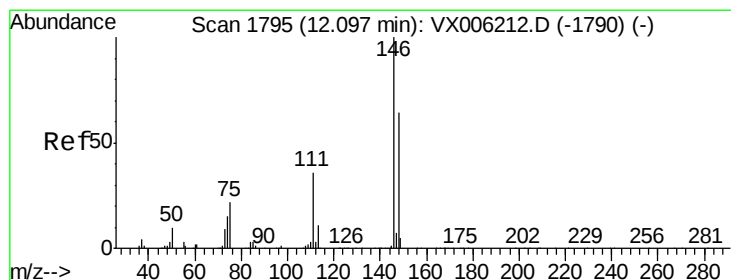
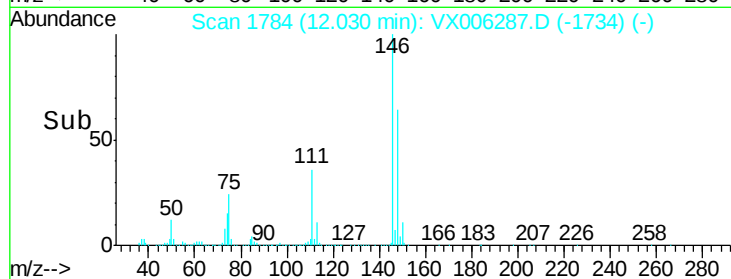
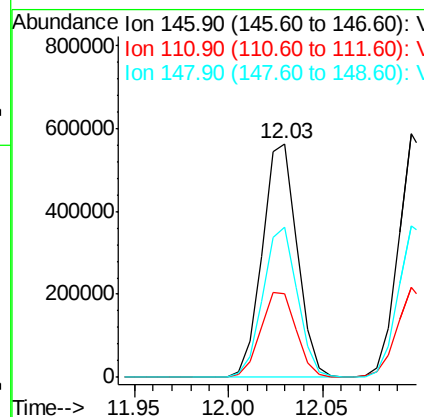
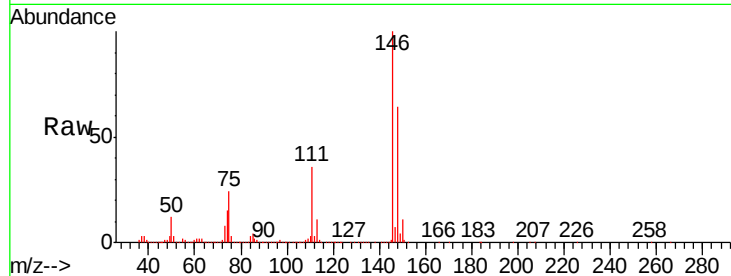
#87
 1,3-Dichlorobenzene
 Concen: 45.164 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: VX006287.D
 Acq: 04 Dec 2018 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0483MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.4	55.2
148	63.6	32.0	96.0

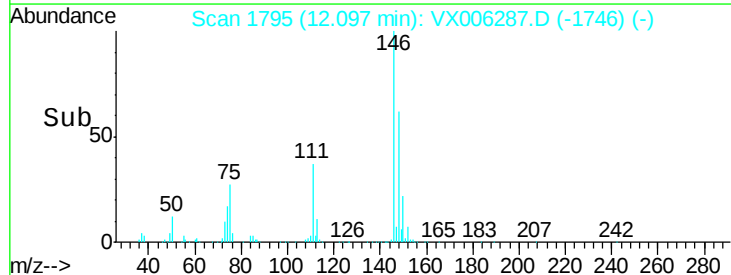
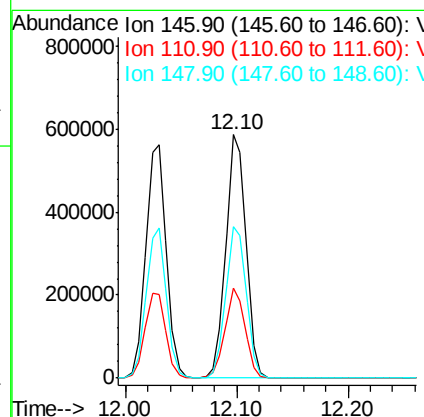
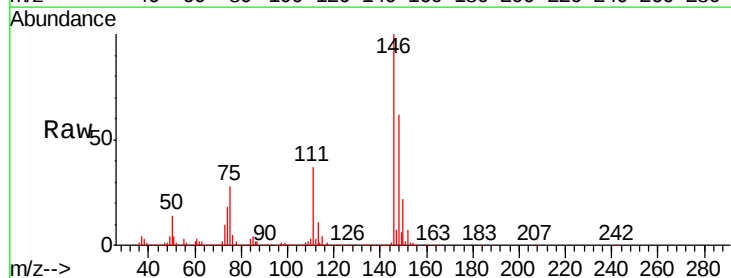
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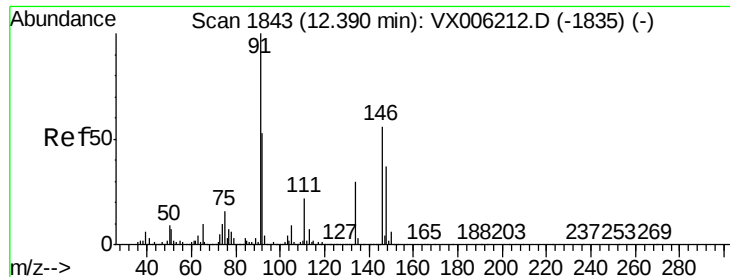
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#88
 1,4-Dichlorobenzene
 Concen: 45.296 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006287.D
 Acq: 04 Dec 2018 19:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.3	54.8
148	63.5	31.9	95.9





#89

n-Butylbenzene

Concen: 45.234 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

S49-0483MSD

Tgt Ion: 91 Resp: 1135036

Ion Ratio Lower Upper

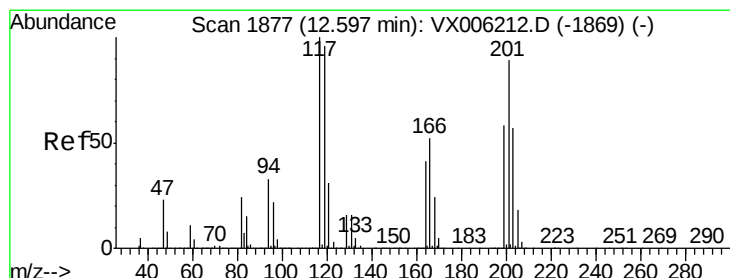
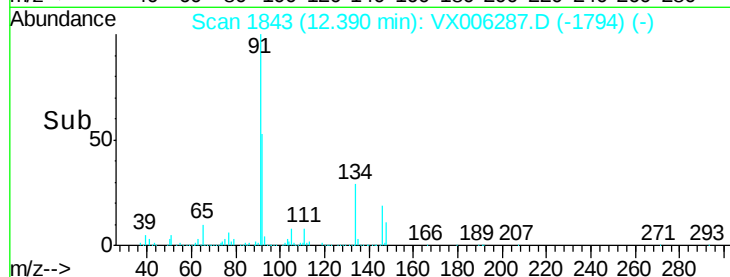
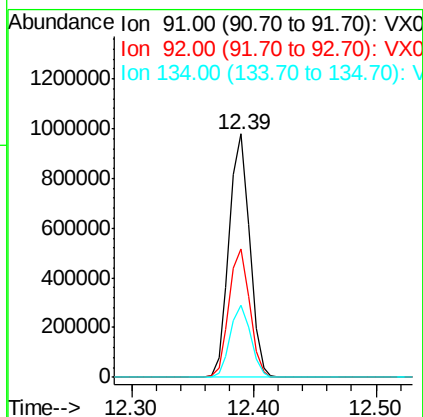
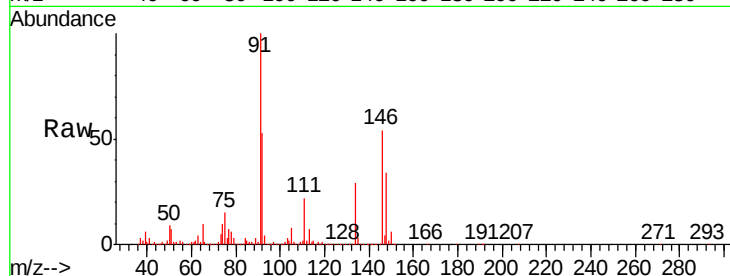
91 100

92 53.1 26.6 79.8

134 29.4 14.8 44.3

Manual Integrations
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#90

Hexachloroethane

Concen: 43.320 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006287.D

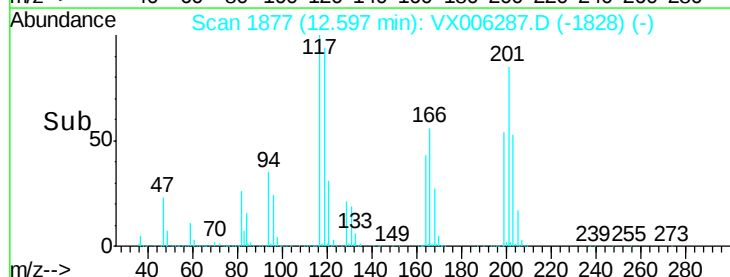
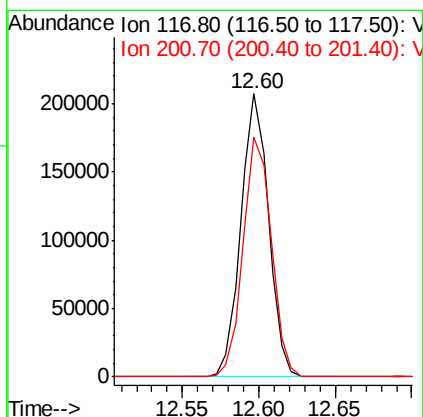
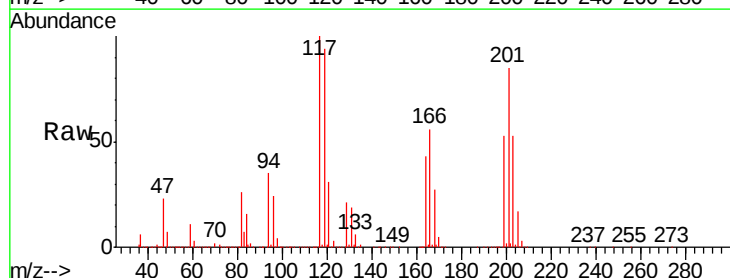
Acq: 04 Dec 2018 19:08

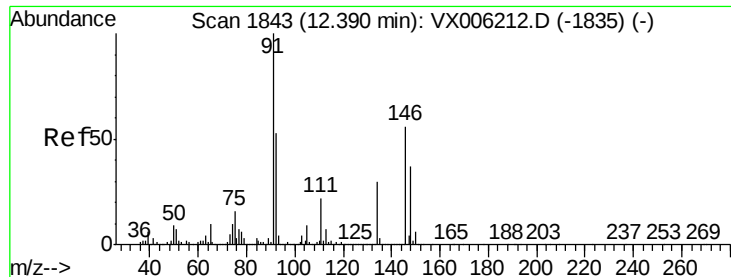
Tgt Ion: 117 Resp: 259648

Ion Ratio Lower Upper

117 100

201 86.8 44.7 134.1





#91

1,2-Dichlorobenzene

Concen: 46.271 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Instrument :

MSVOA_X

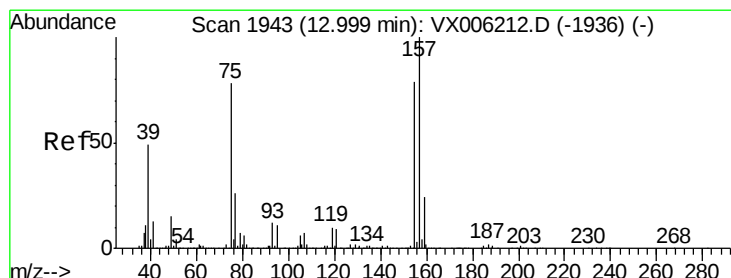
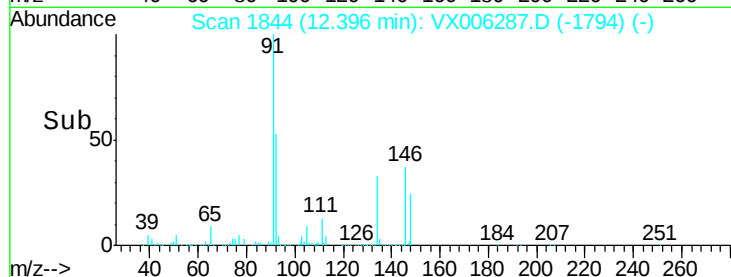
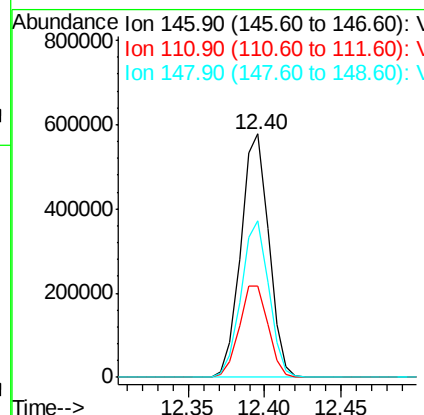
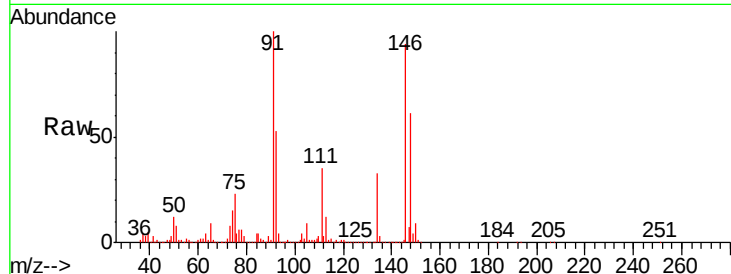
ClientSampleId :

S49-0483MSD

Tgt Ion:	146	Resp:	733319
Ion Ratio	Lower	Upper	
146	100		
111	38.8	19.1	57.3
148	63.9	32.1	96.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 42.585 ug/l

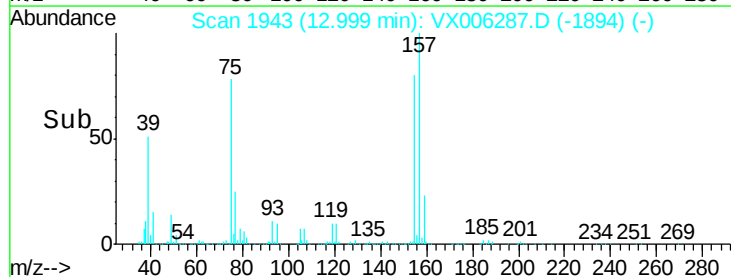
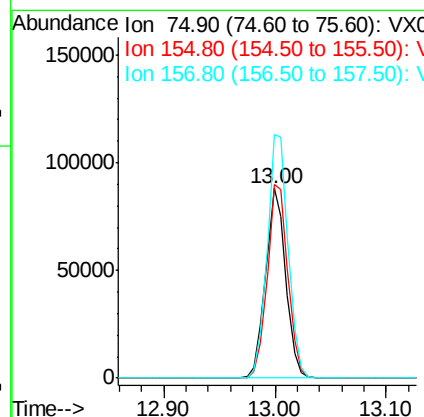
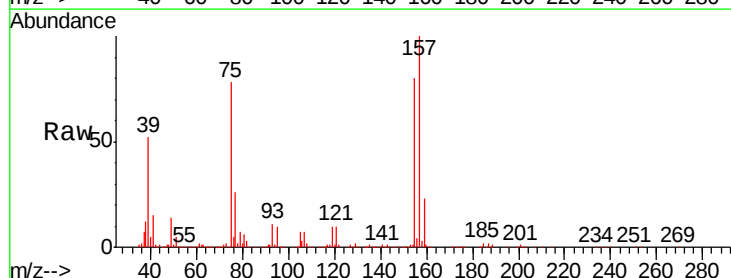
RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Tgt Ion:	75	Resp:	112937
Ion Ratio	Lower	Upper	
75	100		
155	103.6	53.4	160.3
157	132.2	68.0	203.8





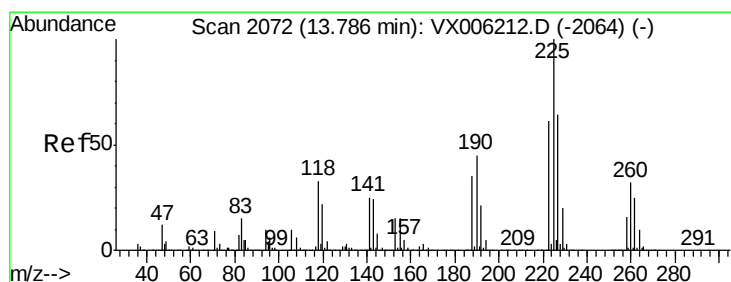
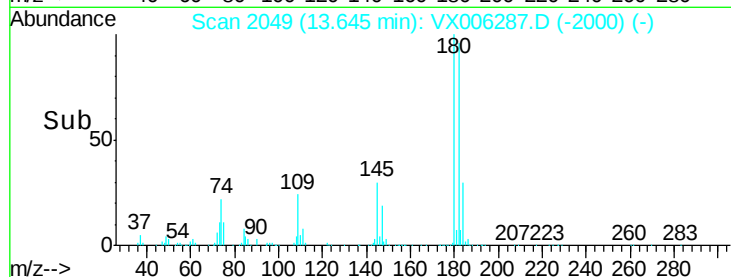
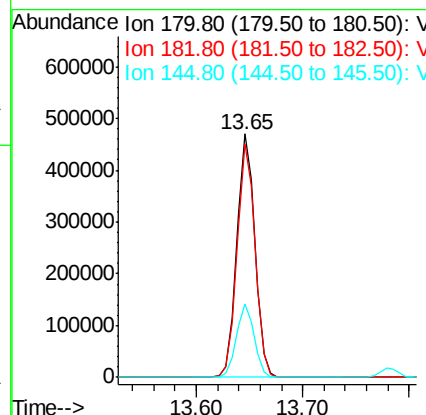
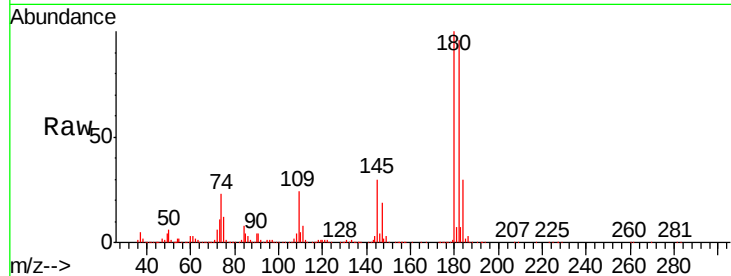
#93
 1,2,4-Trichlorobenzene
 Concen: 48.497 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006287.D
 Acq: 04 Dec 2018 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0483MSD

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	560740		
182	95.5	47.3	141.9	
145	29.7	14.6	43.8	

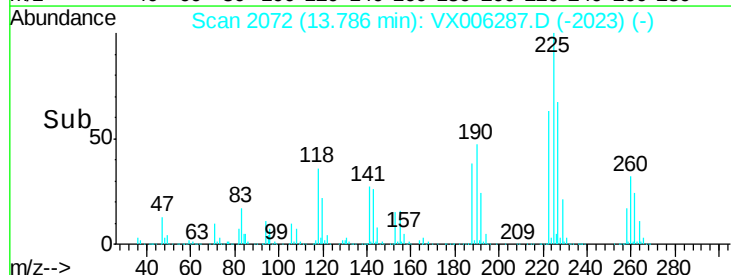
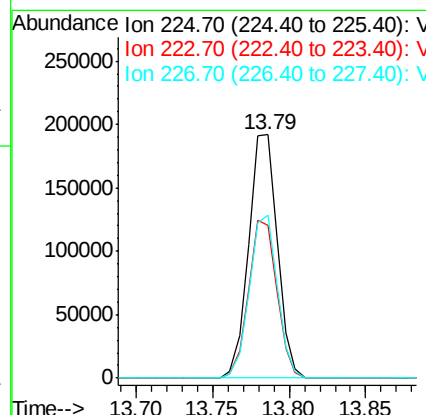
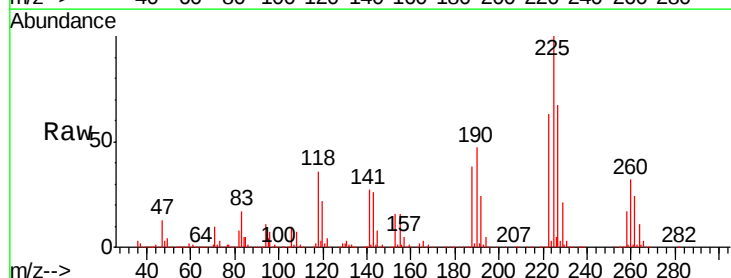
Manual Integrations
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#94
 Hexachlorobutadiene
 Concen: 48.862 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX006287.D
 Acq: 04 Dec 2018 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	249847		
223	64.0	31.2	93.6	
227	65.0	31.9	95.5	





#95

Naphthalene

Concen: 48.515 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

S49-0483MSD

Tgt Ion:128 Resp: 1744878

Ion Ratio Lower Upper

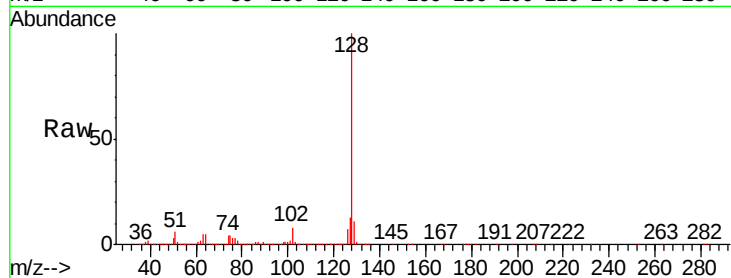
128 100

127 12.9 10.2 15.4

129 10.9 8.9 13.3

Manual Integrations
APPROVED

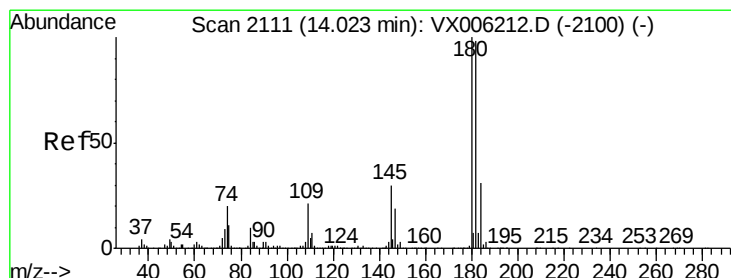
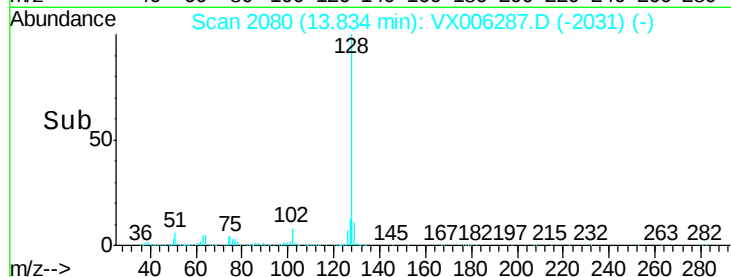
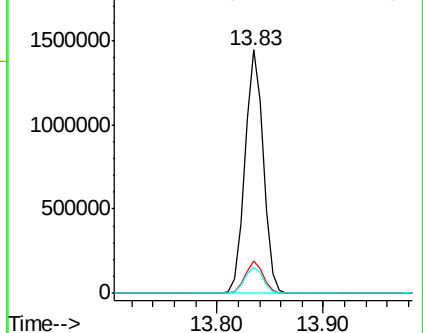
MMDadoda
12/5/2018 10:12:06 AM



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: 49.346 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX006287.D

Acq: 04 Dec 2018 19:08

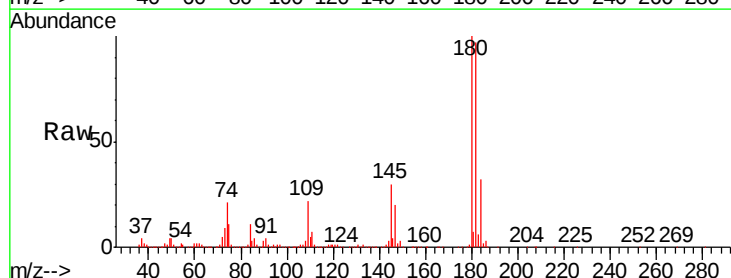
Tgt Ion:180 Resp: 565116

Ion Ratio Lower Upper

180 100

182 95.5 48.4 145.2

145 31.4 15.6 46.8



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

