

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120418\
 Data File : VX006286.D
 Acq On : 04 Dec 2018 18:41
 Operator : JC/MD
 Sample : J6139-02MS
 Misc : 7.11g/5mL/100ul/5.00ml/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0483MS

Manual Integrations
 APPROVED

MMDadoda
 12/5/2018 10:12:01 AM

Quant Time: Dec 05 01:18:03 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	592488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	882545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	793898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	441883	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	296355	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
35) Dibromofluoromethane	5.51	113	284374	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	8.71	98	1010194	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
62) 4-Bromofluorobenzene	11.14	95	395440	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	284534	49.047	ug/l	98
3) Chloromethane	1.33	50	257741	43.234	ug/l	98
4) Vinyl Chloride	1.41	62	270894	42.220	ug/l	95
5) Bromomethane	1.64	94	53609	12.056	ug/l	99
6) Chloroethane	1.71	64	149999	38.129	ug/l	99
7) Trichlorofluoromethane	1.88	101	274564	27.877	ug/l	100
8) Diethyl Ether	2.20	74	180076	48.310	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.34	101	271264	48.437	ug/l	100
10) Methyl Iodide	2.48	142	87203	10.332	ug/l	100
11) Tert butyl alcohol	3.15	59	13466	8.141	ug/l #	73
12) 1,1-Dichloroethene	2.34	96	253985	47.375	ug/l	97
13) Acrolein	2.31	56	183203	202.644	ug/l	100
14) Allyl chloride	2.71	41	390909	36.911	ug/l	88
15) Acrylonitrile	3.18	53	811502	235.103	ug/l	99
16) Acetone	2.49	43	723058	254.737	ug/l	99
17) Carbon Disulfide	2.53	76	740859	44.846	ug/l	99
18) Methyl Acetate	2.80	43	489973	51.618	ug/l	100
19) Methyl tert-butyl Ether	3.23	73	909143	47.536	ug/l	99
20) Methylene Chloride	2.84	84	277981	46.016	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	269535	47.177	ug/l	94
22) Diisopropyl ether	3.89	45	805047	48.667	ug/l	94
23) Vinyl Acetate	3.83	43	2968613	210.408	ug/l	100
24) 1,1-Dichloroethane	3.68	63	477261	50.477	ug/l	99
25) 2-Butanone	4.74	43	972893	240.217	ug/l	97
26) 2,2-Dichloropropane	4.57	77	419389	48.063	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	325754	51.116	ug/l	98
28) Bromochloromethane	5.02	49	198699	48.113	ug/l	98
29) Tetrahydrofuran	5.18	42	649828	230.862	ug/l	99
30) Chloroform	5.21	83	492950	49.613	ug/l	97
31) Cyclohexane	5.56	56	409064	46.815	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	457214	48.363	ug/l	100
36) 1,1-Dichloropropene	5.79	75	359779	48.410	ug/l	100
37) Ethyl Acetate	4.88	43	400123	48.076	ug/l	99
38) Carbon Tetrachloride	5.77	117	417079	47.704	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	459613	47.643	ug/l	100
40) Benzene	6.13	78	1094235	49.159	ug/l	99
41) Methacrylonitrile	5.09	41	203641	44.467	ug/l	97
42) 1,2-Dichloroethane	6.20	62	361858	49.671	ug/l	99
43) Isopropyl Acetate	6.48	43	632829	45.604	ug/l	99
44) Trichloroethene	7.21	130	357010	52.943	ug/l	97
45) 1,2-Dichloropropane	7.51	63	267862	47.348	ug/l	97
46) Dibromomethane	7.66	93	197938	48.446	ug/l	99
47) Bromodichloromethane	7.90	83	380335	48.069	ug/l	98
48) Methyl methacrylate	7.78	41	315564	46.745	ug/l	98
49) 1,4-Dioxane	7.79	88	156688	941.735	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	1949166	241.289	ug/l	98
52) Toluene	8.78	92	699339	47.755	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	429934	46.462	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	461536	48.034	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	300229	50.464	ug/l	99
56) Ethyl methacrylate	9.19	69	454956	48.916	ug/l	97
57) 1,3-Dichloropropane	9.37	76	471155	50.082	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1130051	239.434	ug/l	100
59) 2-Hexanone	9.51	43	1507871	244.320	ug/l	99
60) Dibromochloromethane	9.59	129	353628	48.204	ug/l	99
61) 1,2-Dibromoethane	9.68	107	325927	48.995	ug/l	99
64) Tetrachloroethene	9.34	164	310402	51.917	ug/l	97
65) Chlorobenzene	10.14	112	838282	49.742	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	319442	48.786	ug/l	100
67) Ethyl Benzene	10.25	91	1363267	48.637	ug/l	99
68) m/p-Xylenes	10.36	106	1082767	96.437	ug/l	100
69) o-Xylene	10.70	106	542292	48.898	ug/l	99
70) Styrene	10.71	104	888201	49.517	ug/l	99
71) Bromoform	10.87	173	292522	47.325	ug/l #	100
73) Isopropylbenzene	11.02	105	1432360	46.938	ug/l	100
74) N-amyl acetate	10.90	43	606734	46.172	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	479678	49.134	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	466922m	54.745	ug/l	
77) Bromobenzene	11.26	156	396275	46.793	ug/l	99
78) n-propylbenzene	11.36	91	1603873	47.282	ug/l	100
79) 2-Chlorotoluene	11.42	91	948272	47.034	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1197819	47.177	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	162056	44.589	ug/l	95
82) 4-Chlorotoluene	11.51	91	1112332	47.452	ug/l	100
83) tert-Butylbenzene	11.77	119	1291284	47.666	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1246645	47.550	ug/l	99
85) sec-Butylbenzene	11.94	105	1495485	48.525	ug/l	100
86) p-Isopropyltoluene	12.07	119	1356986	48.898	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	737452	48.939	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	741982	48.513	ug/l	99
89) n-Butylbenzene	12.39	91	1184971	50.044	ug/l	99
90) Hexachloroethane	12.60	117	265001	46.853	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	745005	49.815	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	117685	47.025	ug/l	97

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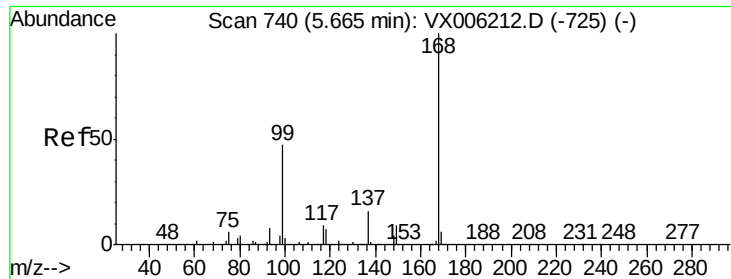
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	563862	51.679	ug/l	98
94) Hexachlorobutadiene	13.79	225	263140	54.534	ug/l	99
95) Naphthalene	13.83	128	1783050	52.536	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	580510	53.717	ug/l	98

(#) = 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: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampled :

S49-0483MS

Tgt Ion: 168 Resp: 592488

Ion Ratio Lower Upper

168 100

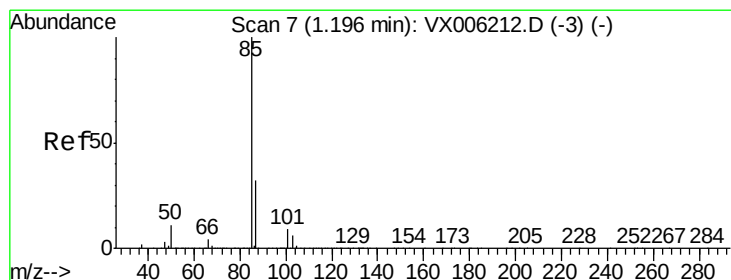
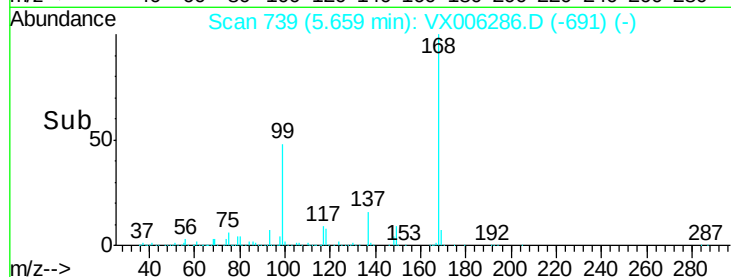
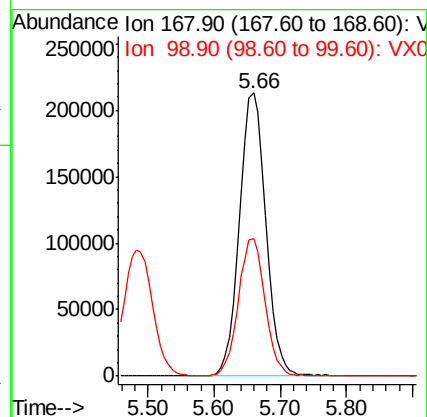
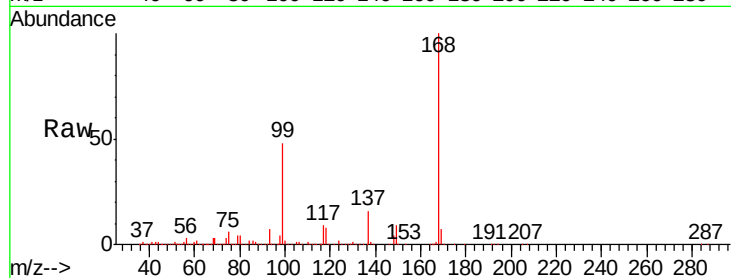
99 48.3 37.8 56.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 49.047 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006286.D

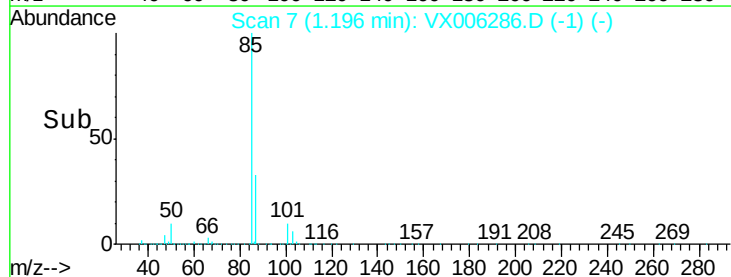
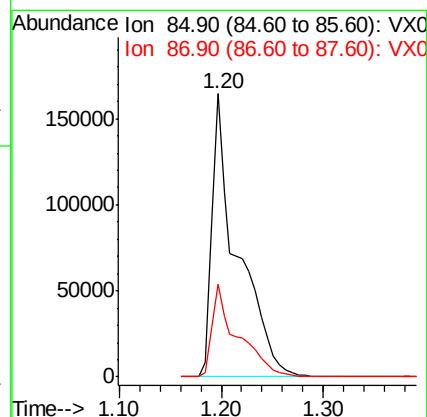
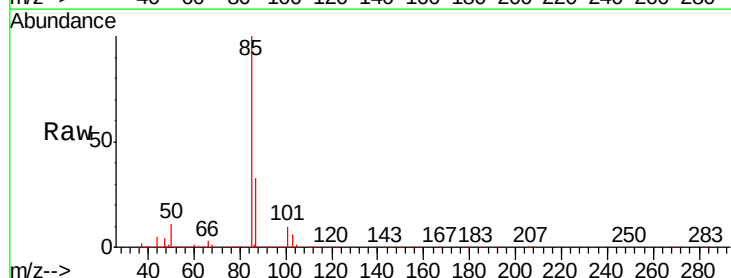
Acq: 04 Dec 2018 18:41

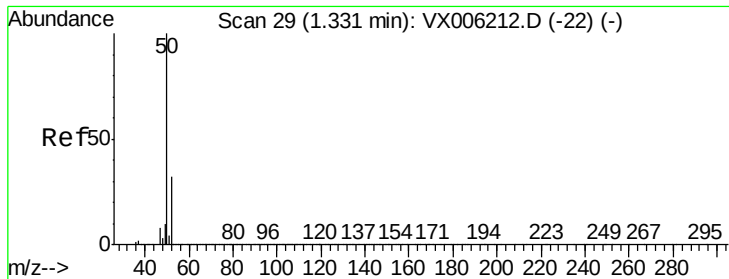
Tgt Ion: 85 Resp: 284534

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.2





#3

Chloromethane

Concen: 43.234 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

S49-0483MS

Tgt Ion: 50 Resp: 257741

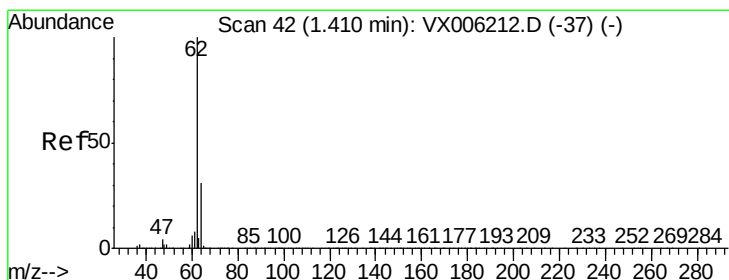
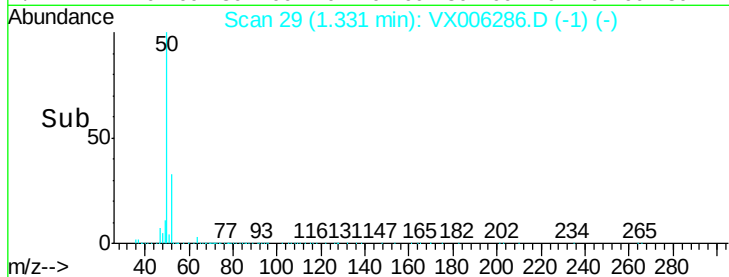
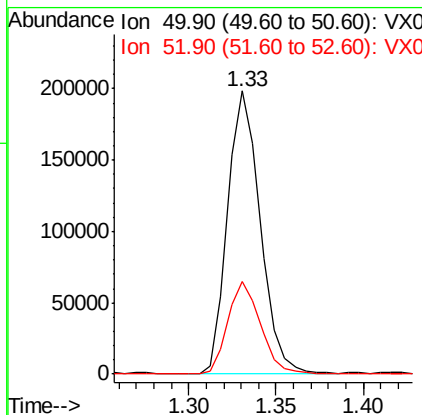
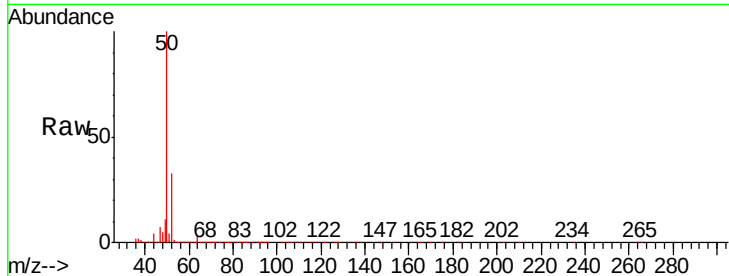
Ion Ratio Lower Upper

50 100

52 32.9 25.2 37.8

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#4

Vinyl Chloride

Concen: 42.220 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006286.D

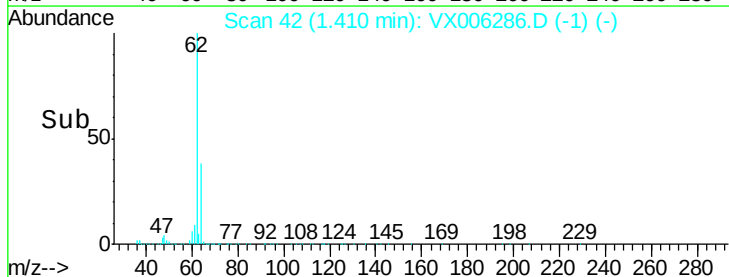
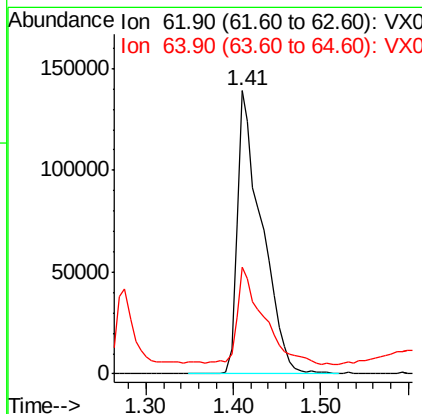
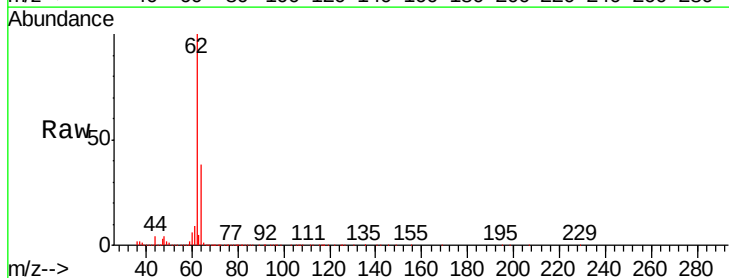
Acq: 04 Dec 2018 18:41

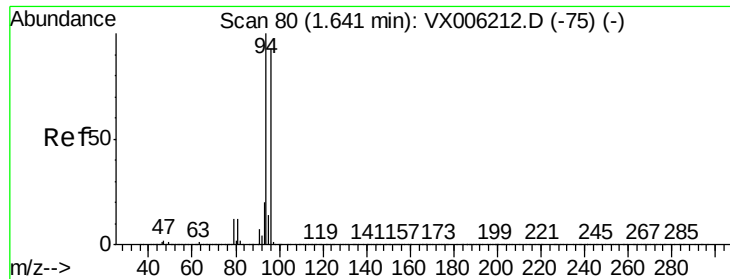
Tgt Ion: 62 Resp: 270894

Ion Ratio Lower Upper

62 100

64 34.1 24.9 37.3





#5

Bromomethane

Concen: 12.056 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

S49-0483MS

Tgt Ion: 94 Resp: 53609

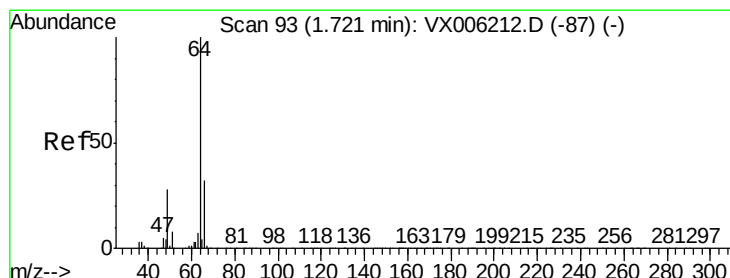
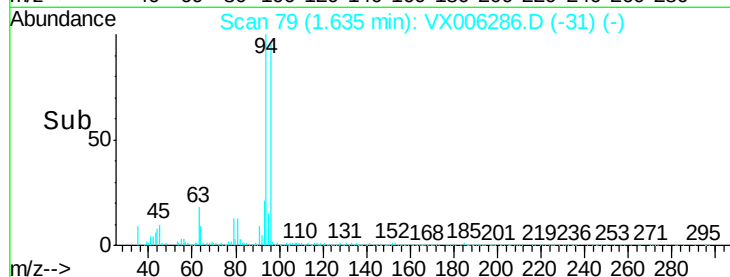
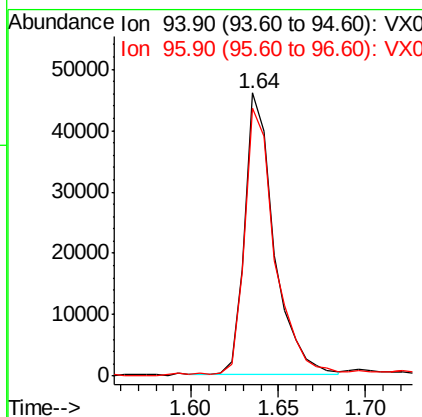
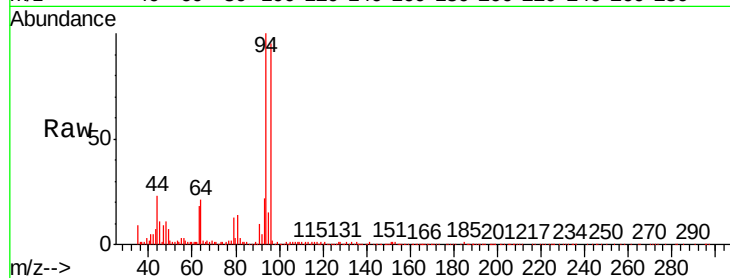
Ion Ratio Lower Upper

94 100

96 94.4 74.5 111.7

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#6

Chloroethane

Concen: 38.129 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX006286.D

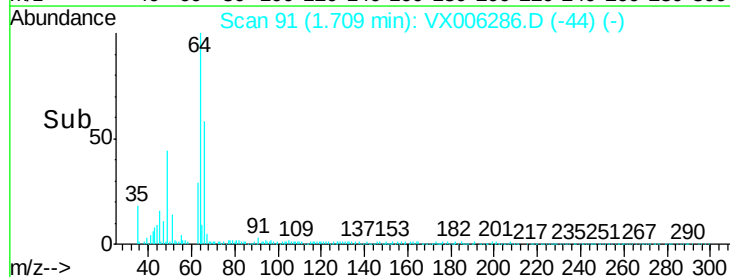
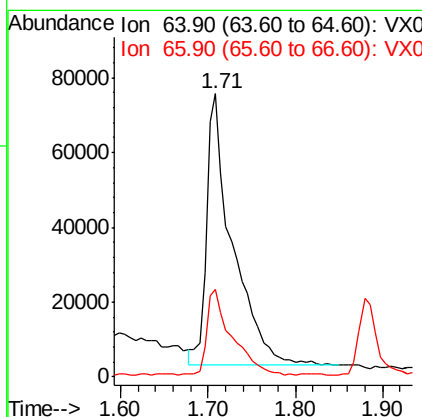
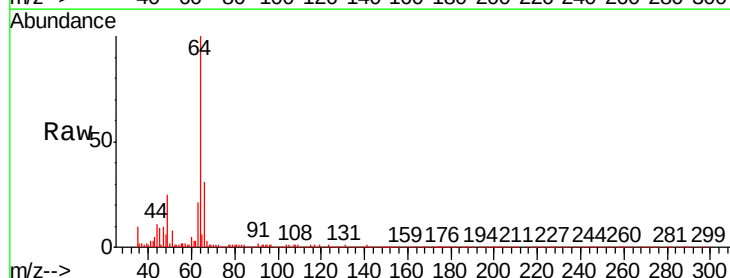
Acq: 04 Dec 2018 18:41

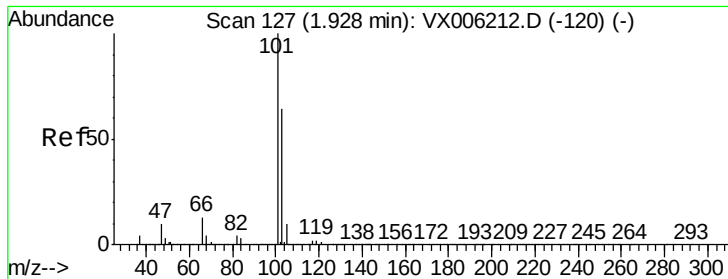
Tgt Ion: 64 Resp: 149999

Ion Ratio Lower Upper

64 100

66 31.7 25.9 38.9





#7

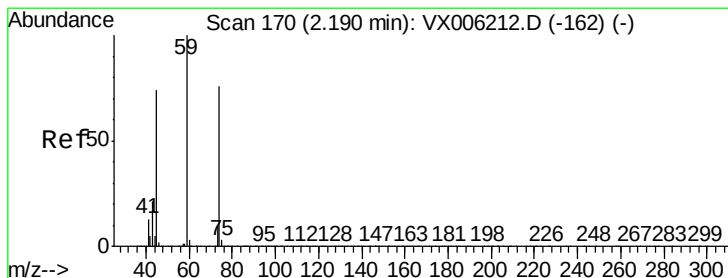
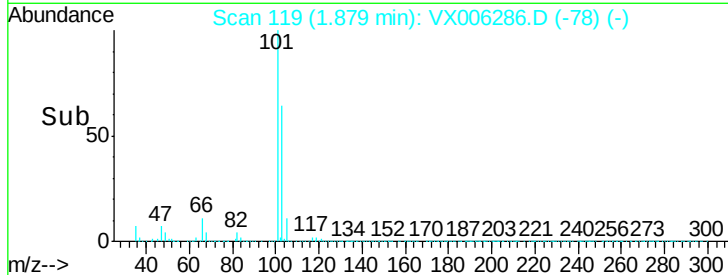
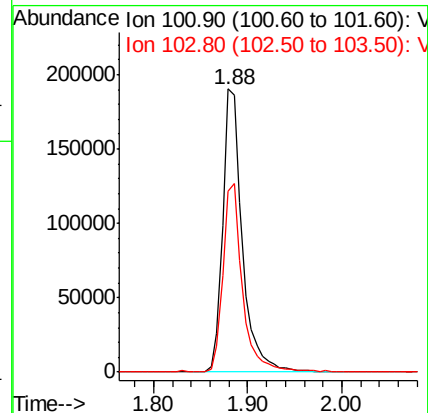
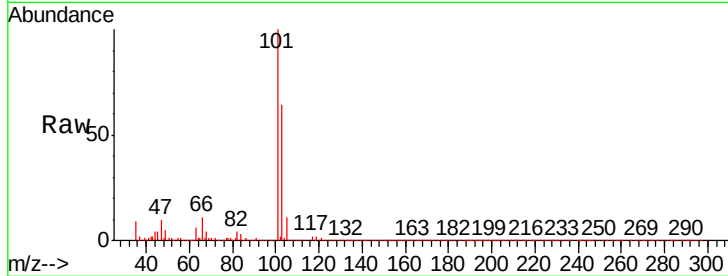
Trichlorofluoromethane
Concen: 27.877 ug/l
RT: 1.88 min Scan# 119
Delta R.T. -0.05 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Instrument :
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ClientSampleId :
S49-0483MS

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	274564		
103	64.0	51.0	76.4	

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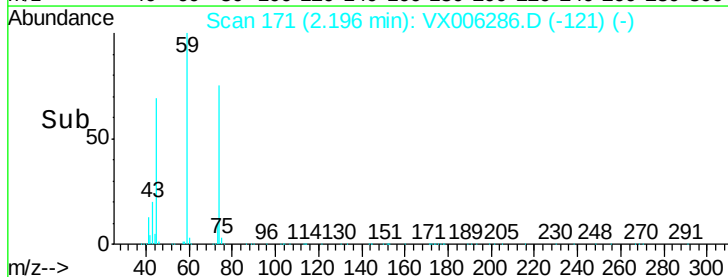
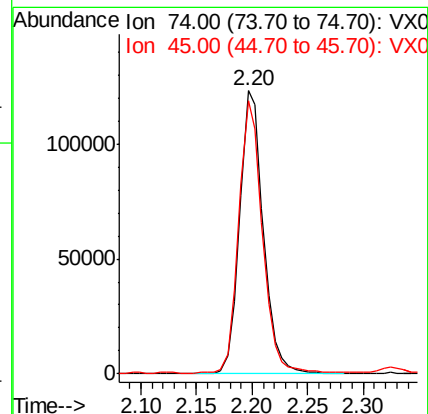
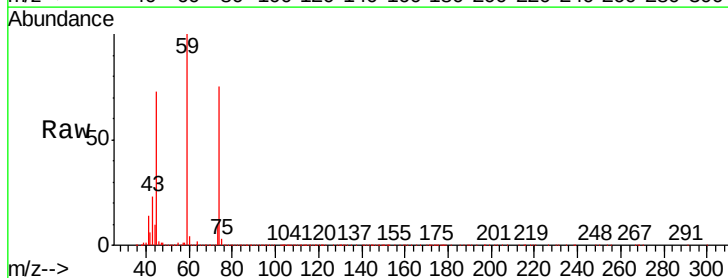
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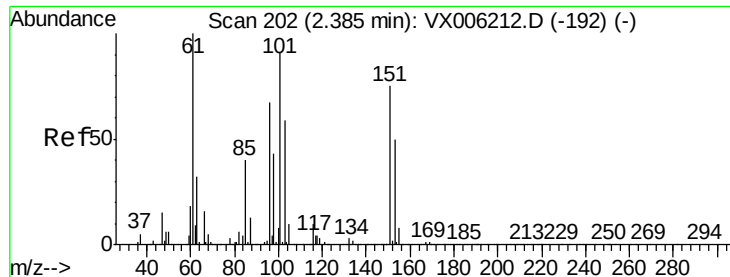


#8

Diethyl Ether
Concen: 48.310 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	180076		
45	95.9	49.5	148.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.437 ug/l

RT: 2.34 min Scan# 195

Delta R.T. -0.04 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

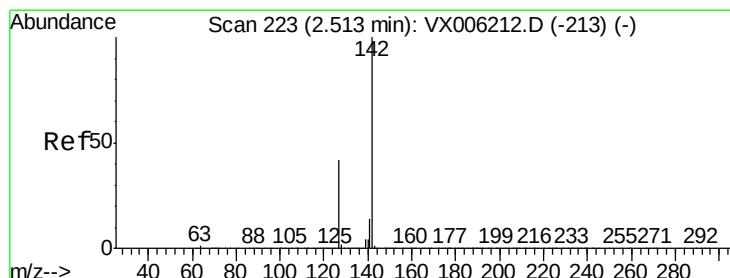
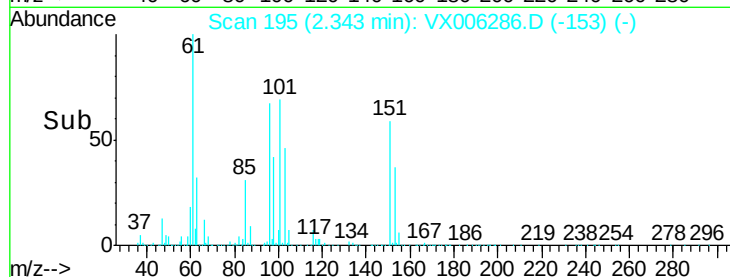
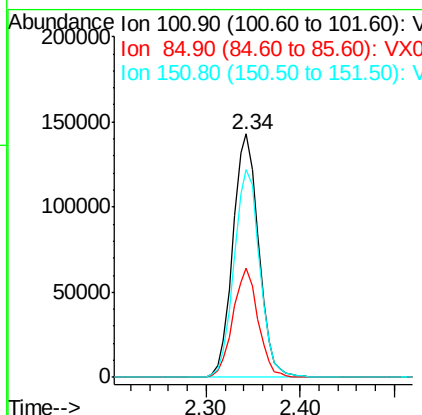
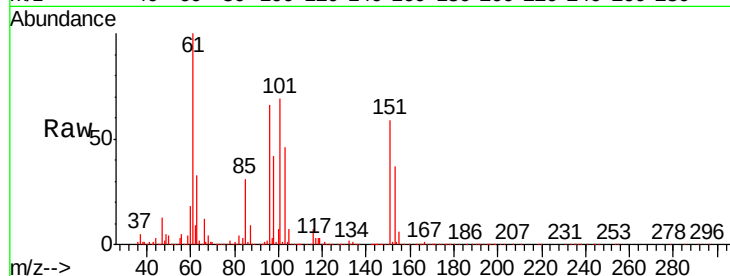
ClientSampleId :

S49-0483MS

Tgt Ion:	101	Resp:	271264
Ion Ratio	Lower	Upper	
101	100		
85	43.8	35.5	53.3
151	86.0	68.6	103.0

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MMDadoda
12/5/2018 10:12:01 AM



#10

Methyl Iodide

Concen: 10.332 ug/l

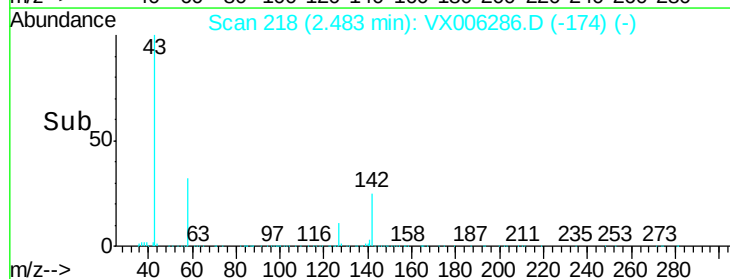
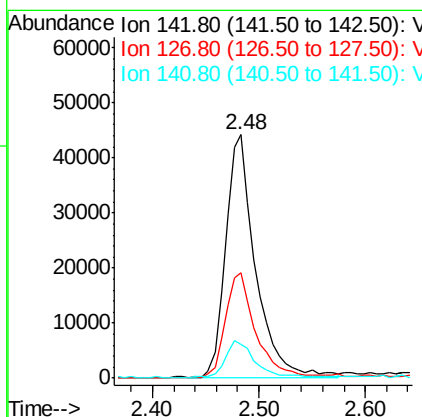
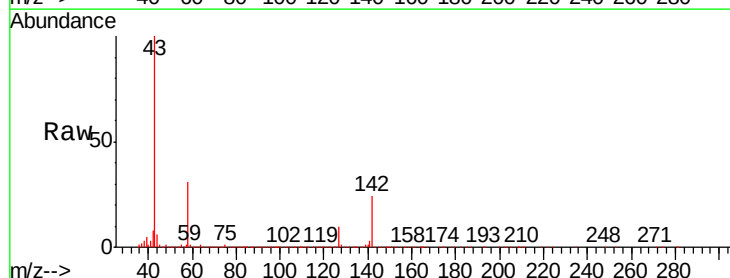
RT: 2.48 min Scan# 218

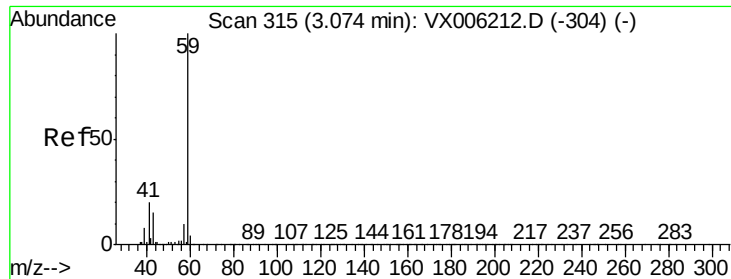
Delta R.T. -0.03 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Tgt Ion:	142	Resp:	87203
Ion Ratio	Lower	Upper	
142	100		
127	43.3	34.8	52.2
141	14.6	11.4	17.2





#11

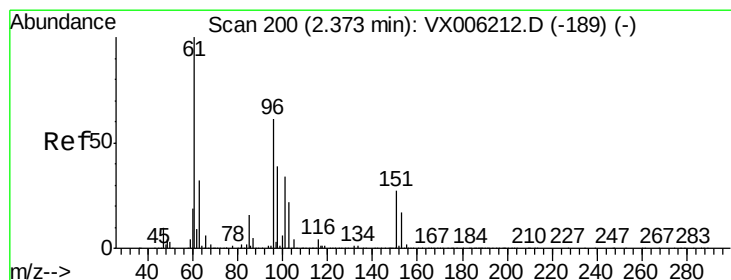
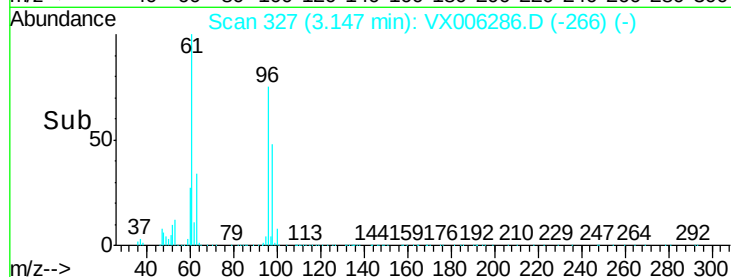
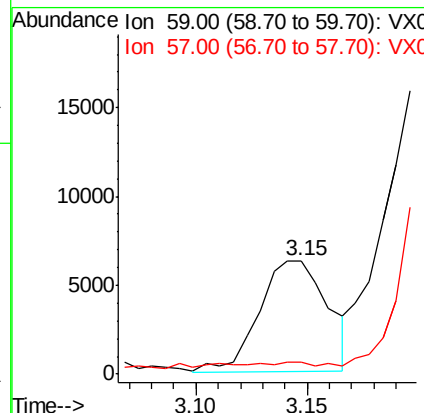
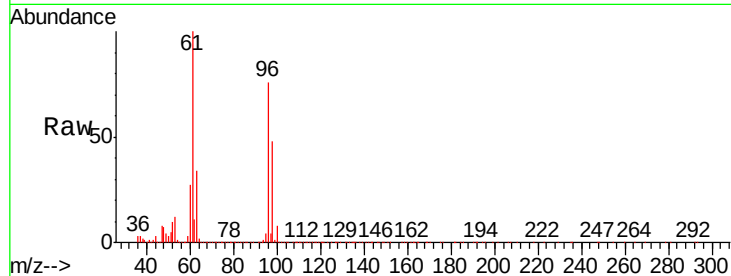
Tert butyl alcohol
Concen: 8.141 ug/l
RT: 3.15 min Scan# 327
Delta R.T. 0.07 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Instrument :
MSVOA_X
ClientSampled :
S49-0483MS

Tgt Ion: 59 Resp: 13466
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

Manual Integrations
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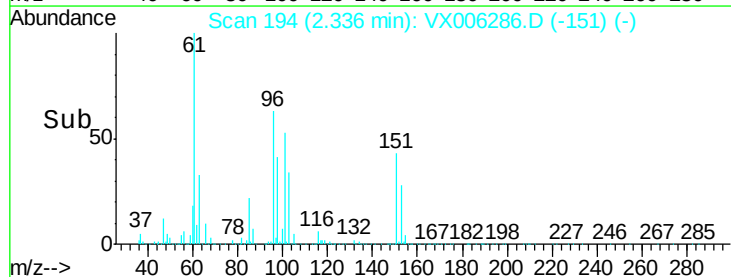
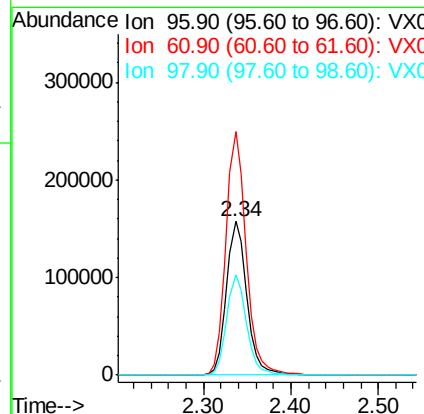
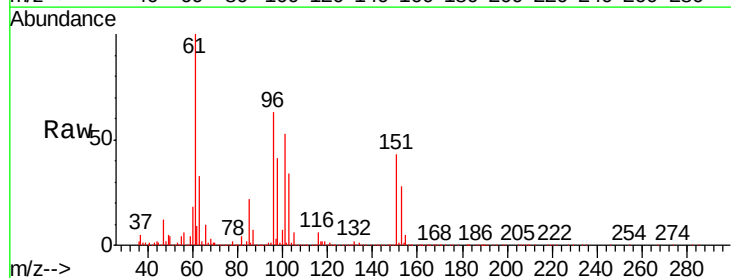
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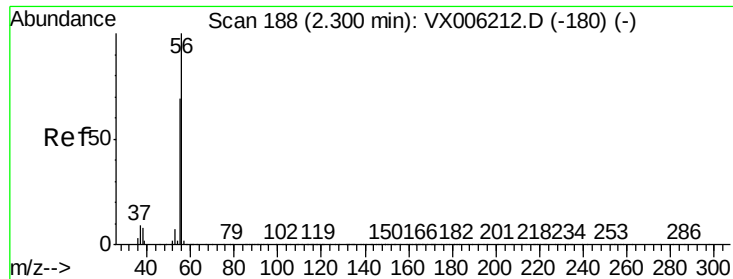


#12

1,1-Dichloroethene
Concen: 47.375 ug/l
RT: 2.34 min Scan# 194
Delta R.T. -0.04 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Tgt Ion: 96 Resp: 253985
Ion Ratio Lower Upper
96 100
61 158.6 131.7 197.5
98 65.0 51.8 77.6





#13

Acrolein

Concen: 202.644 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

S49-0483MS

Tgt Ion: 56 Resp: 183203

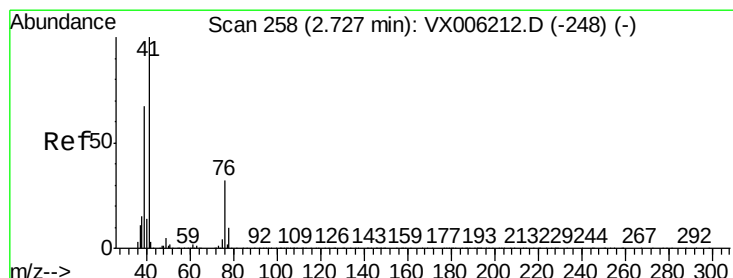
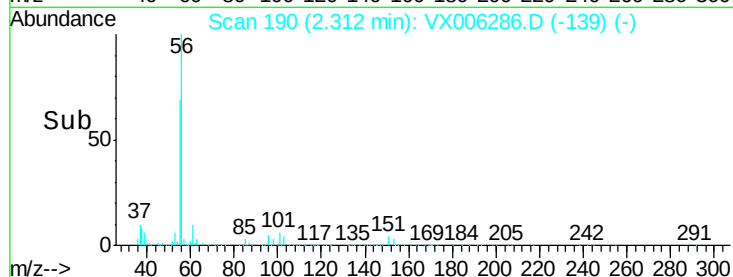
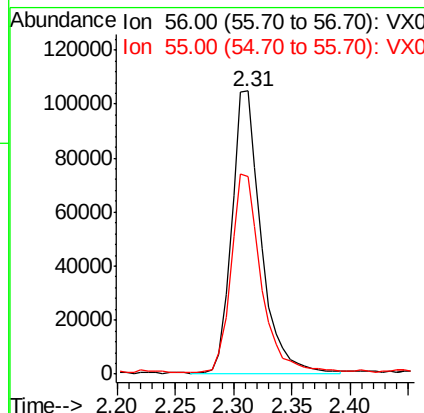
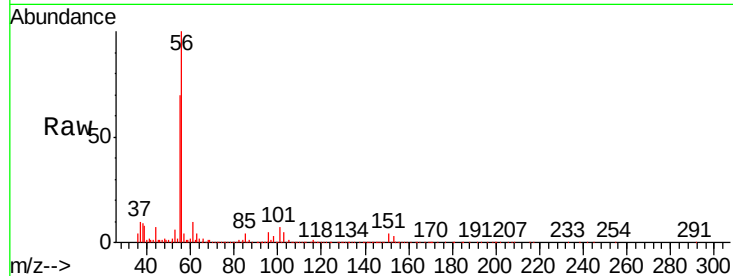
Ion Ratio Lower Upper

56 100

55 71.9 57.8 86.6

Manual Integrations
APPROVED

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#14

Allyl chloride

Concen: 36.911 ug/l

RT: 2.71 min Scan# 255

Delta R.T. -0.02 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

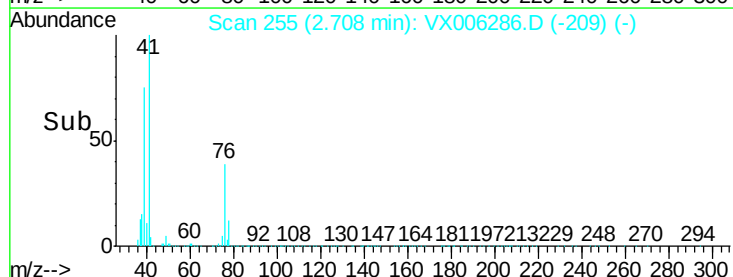
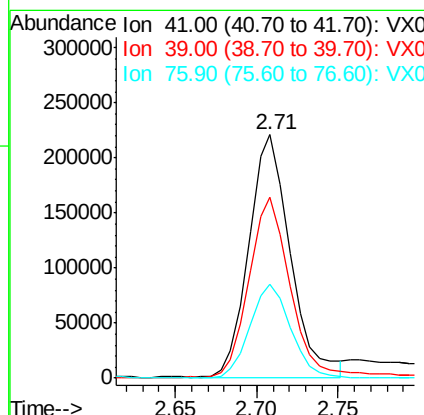
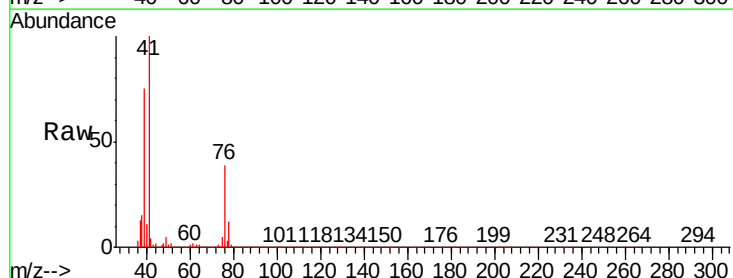
Tgt Ion: 41 Resp: 390909

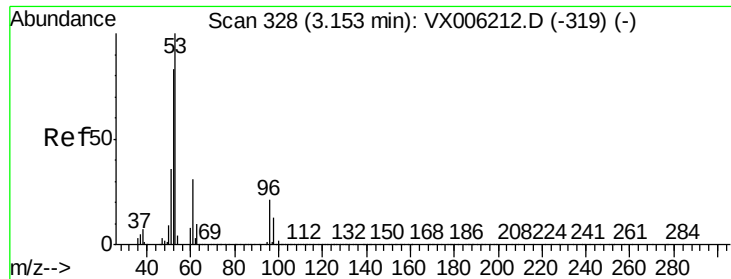
Ion Ratio Lower Upper

41 100

39 76.0 52.4 78.6

76 37.7 25.4 38.0





#15

Acrylonitrile

Concen: 235.103 ug/l

RT: 3.18 min Scan# 332

Delta R.T. 0.02 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

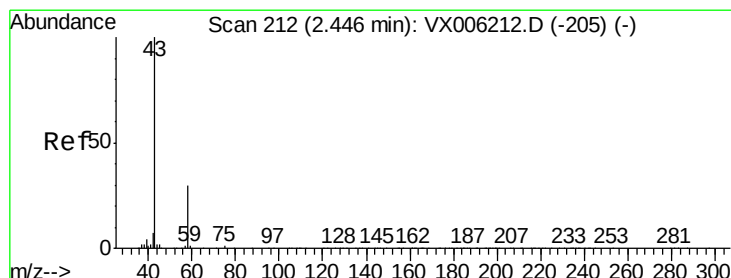
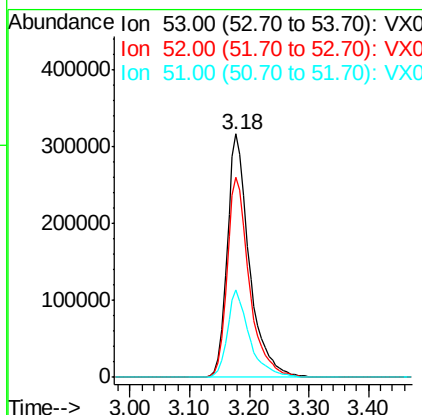
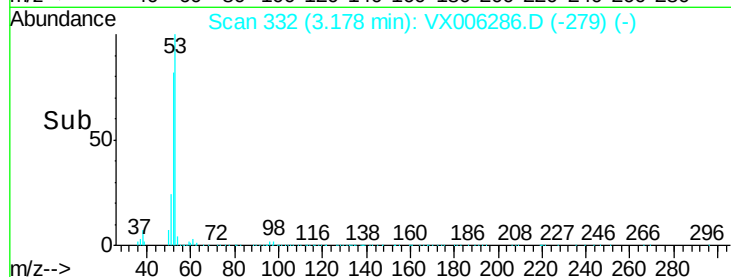
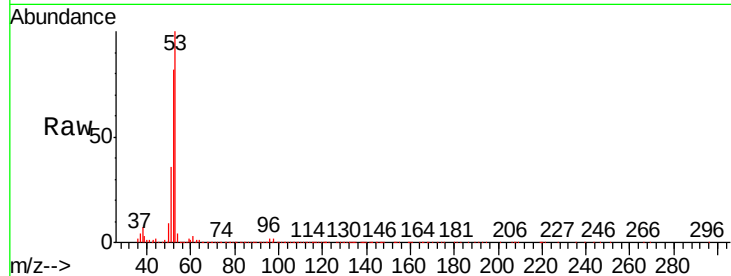
ClientSampleId :

S49-0483MS

Tgt Ion:	53	Resp:	811502
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.2	99.4
51	35.6	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 254.737 ug/l

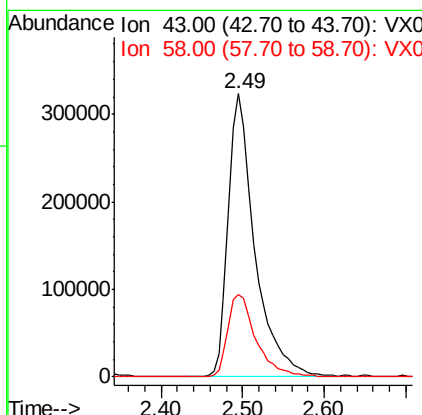
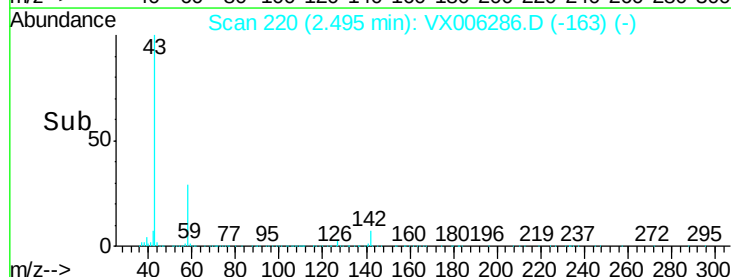
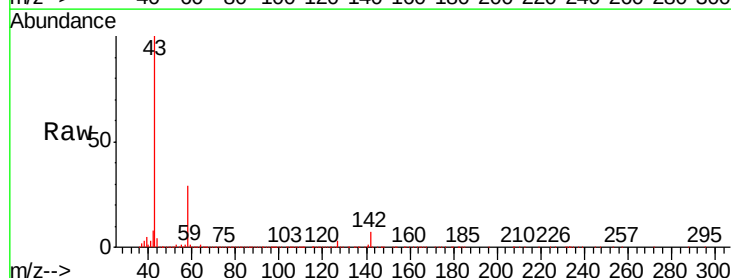
RT: 2.49 min Scan# 220

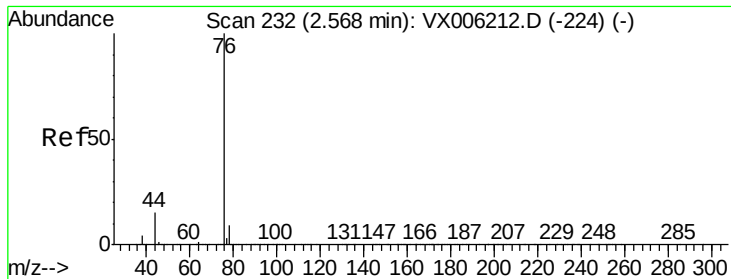
Delta R.T. 0.05 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Tgt Ion:	43	Resp:	723058
Ion	Ratio	Lower	Upper
43	100		
58	29.3	24.0	36.0





#17

Carbon Disulfide

Concen: 44.846 ug/l

RT: 2.53 min Scan# 226

Delta R.T. -0.04 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampled :

S49-0483MS

Tgt Ion: 76 Resp: 740859

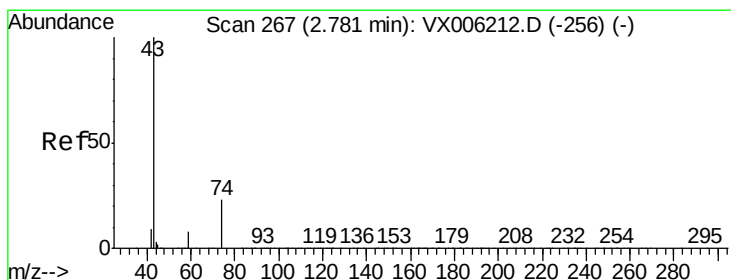
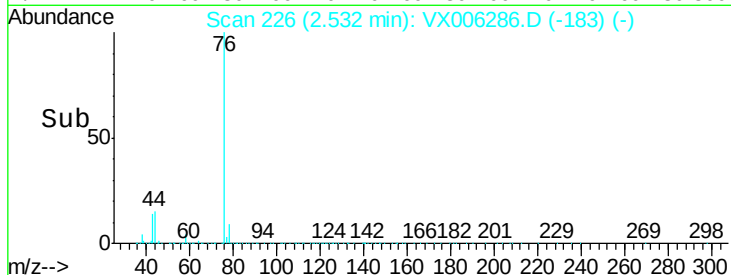
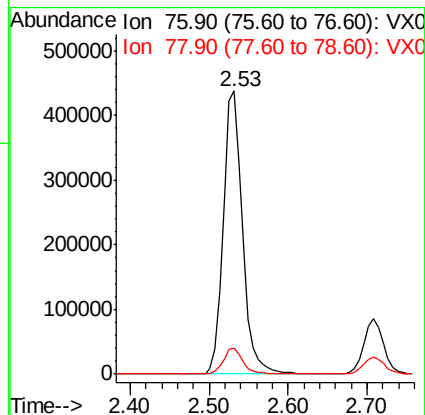
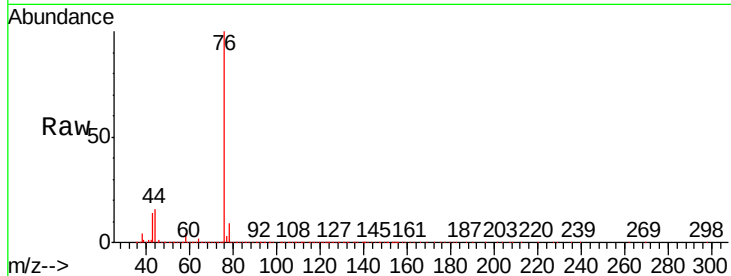
Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

Manual Integrations
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#18

Methyl Acetate

Concen: 51.618 ug/l

RT: 2.80 min Scan# 270

Delta R.T. 0.02 min

Lab File: VX006286.D

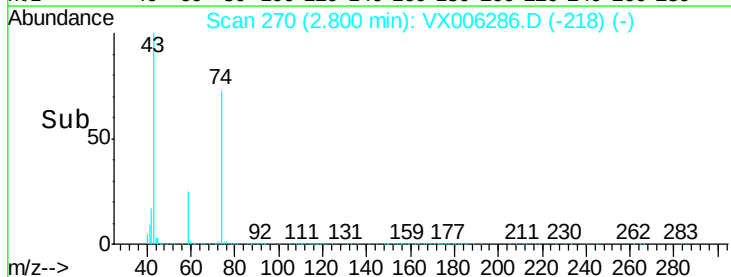
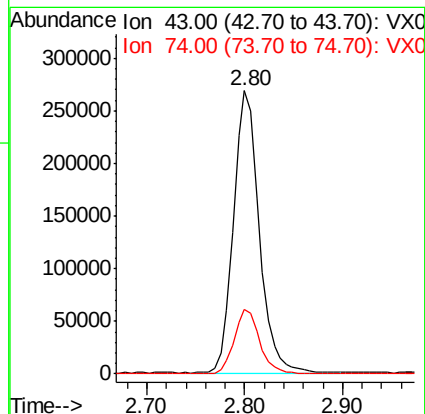
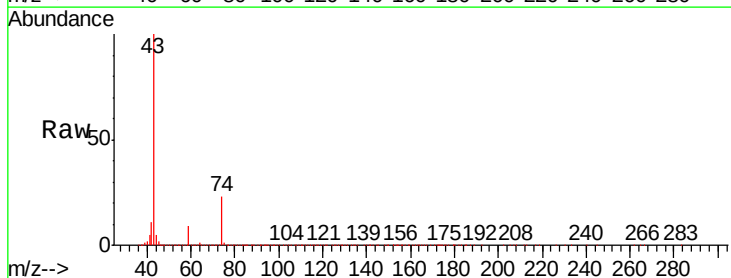
Acq: 04 Dec 2018 18:41

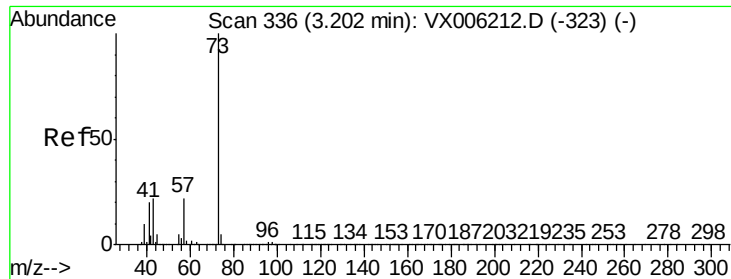
Tgt Ion: 43 Resp: 489973

Ion Ratio Lower Upper

43 100

74 22.6 17.9 26.9





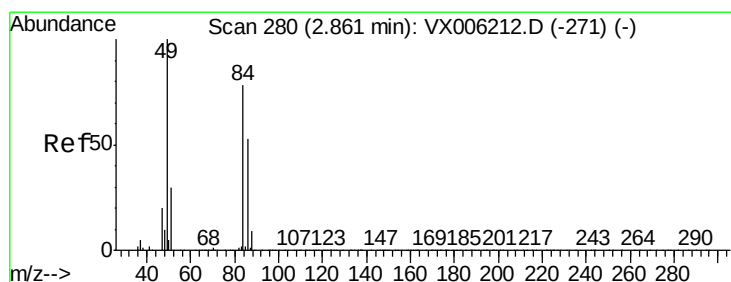
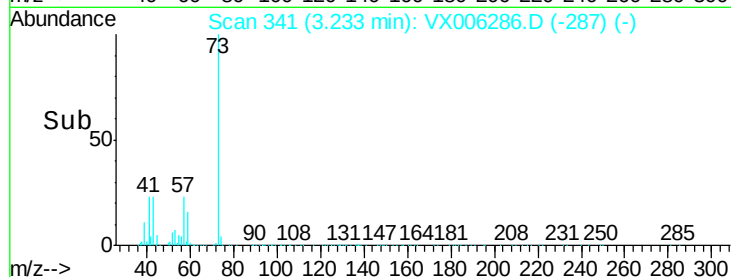
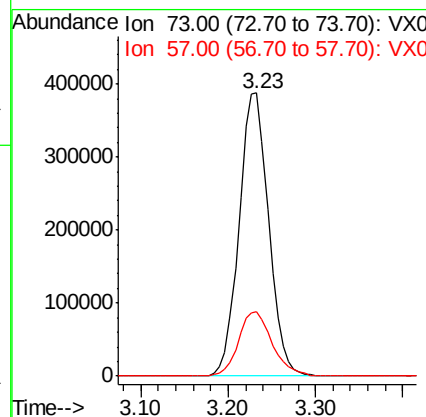
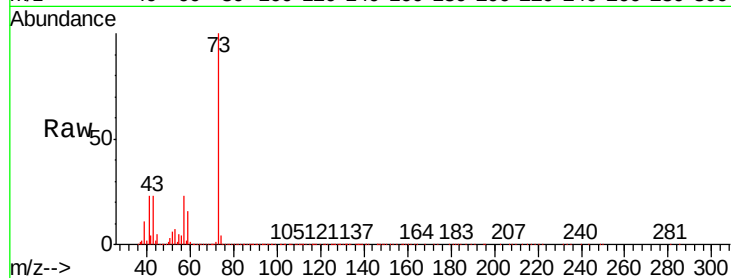
#19
Methyl tert-butyl Ether
Concen: 47.536 ug/l
RT: 3.23 min Scan# 341
Delta R.T. 0.03 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
S49-0483MS

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.6	17.5	26.3

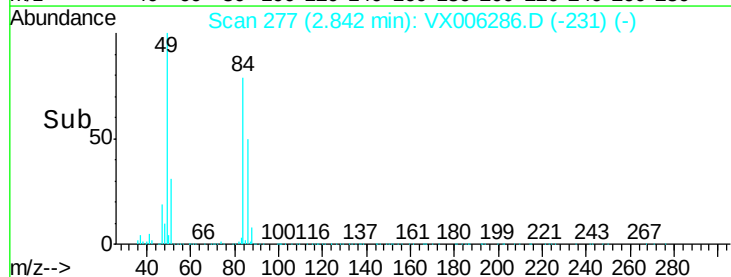
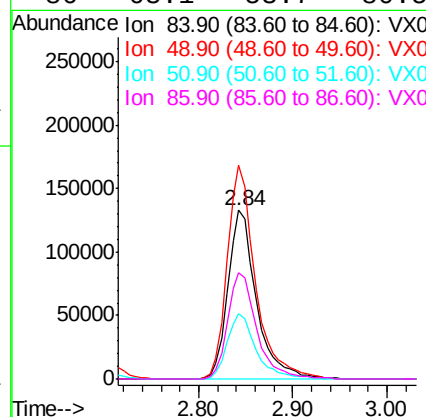
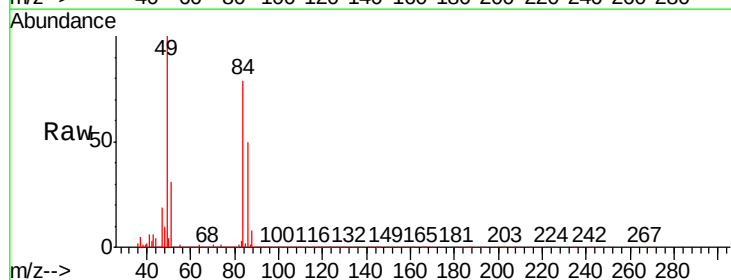
Manual Integrations
APPROVED

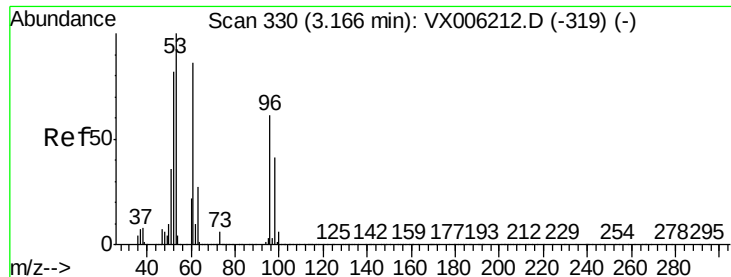
MMDadoda
12/5/2018 10:12:01 AM



#20
Methylene Chloride
Concen: 46.016 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.7	102.2	153.4
51	38.9	31.1	46.7
86	63.1	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 47.177 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.02 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

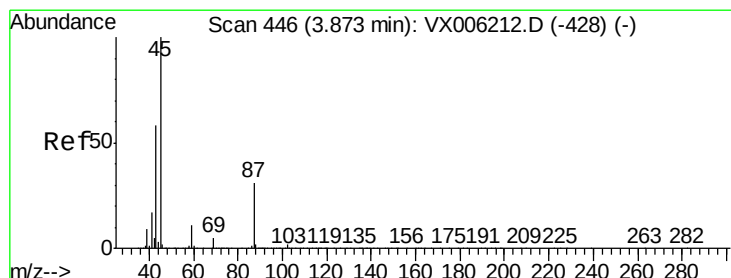
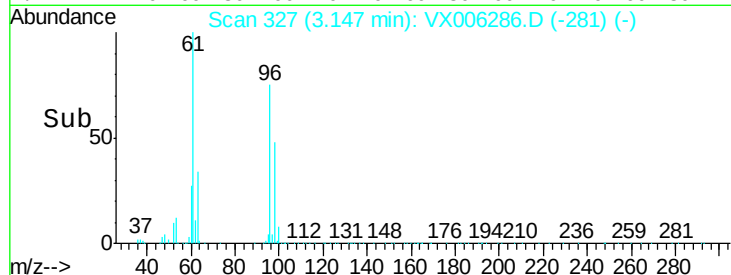
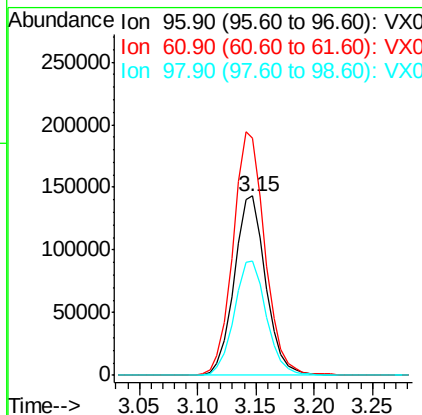
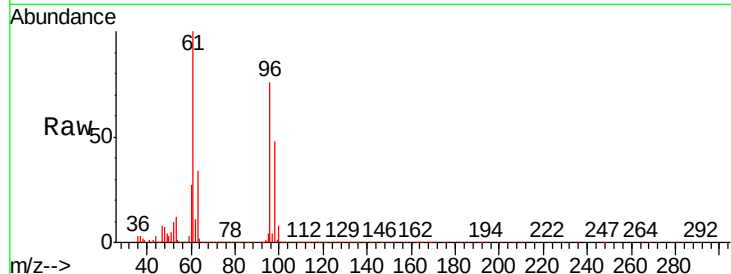
ClientSampled :

S49-0483MS

Tgt Ion:	96	Resp:	269535
Ion Ratio	Lower	Upper	
96	100		
61	132.5	113.3	169.9
98	63.5	53.2	79.8

Manual Integrations
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12/5/2018 10:12:01 AM



#22

Diisopropyl ether

Concen: 48.667 ug/l

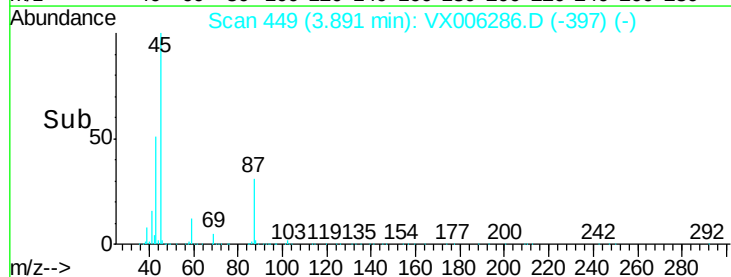
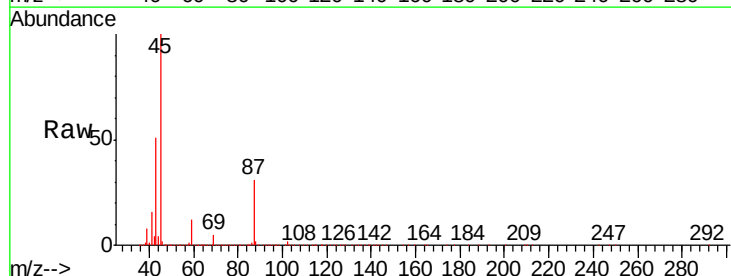
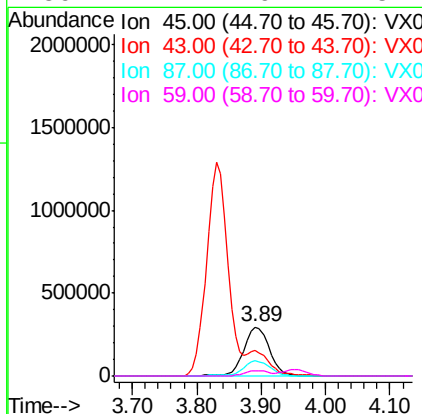
RT: 3.89 min Scan# 449

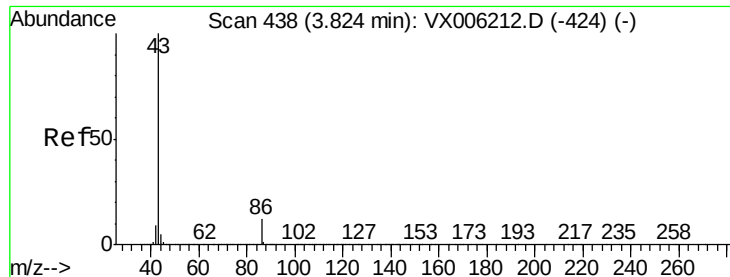
Delta R.T. 0.02 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Tgt Ion:	45	Resp:	805047
Ion Ratio	Lower	Upper	
45	100		
43	50.9	46.2	69.2
87	30.6	24.9	37.3
59	11.7	9.1	13.7





#23

Vinyl Acetate

Concen: 210.408 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampled :

S49-0483MS

Tgt Ion: 43 Resp: 2968613

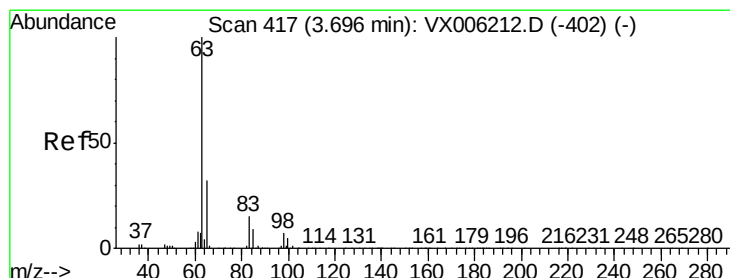
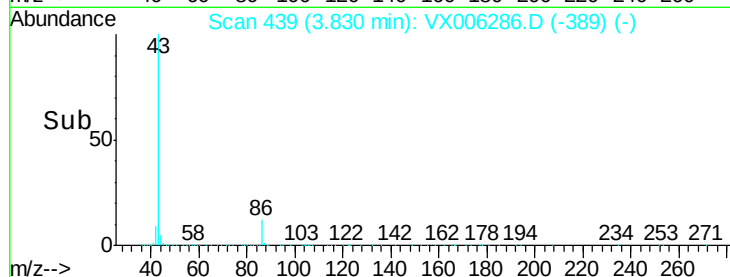
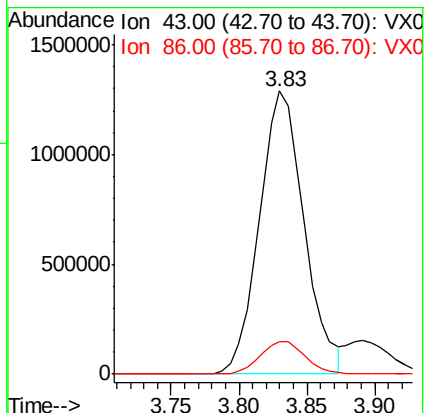
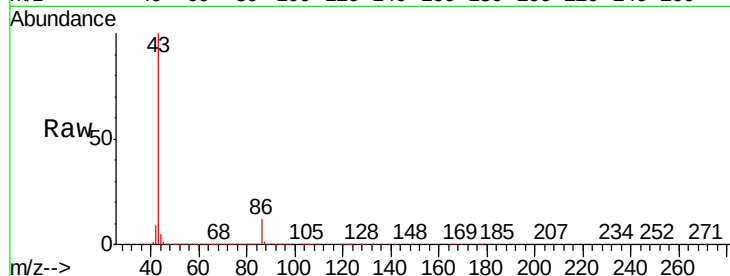
Ion Ratio Lower Upper

43 100

86 11.7 9.4 14.0

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 50.477 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

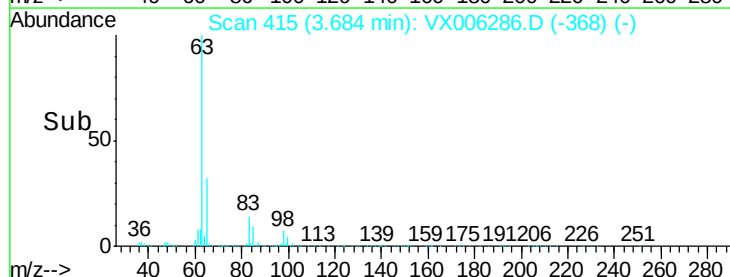
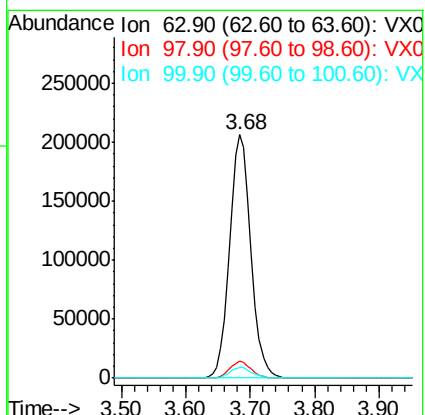
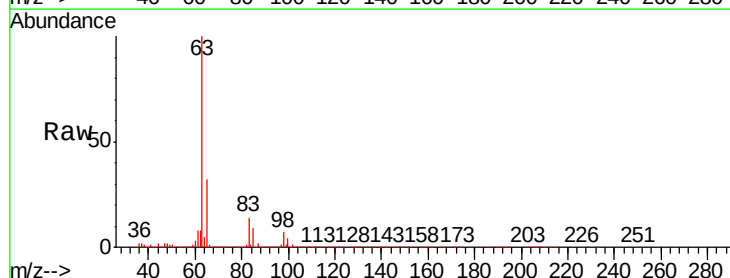
Tgt Ion: 63 Resp: 477261

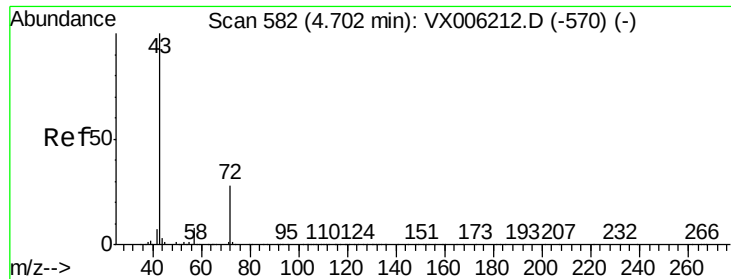
Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.4

100 4.5 2.5 7.4





#25

2-Butanone

Concen: 240.217 ug/l

RT: 4.74 min Scan# 588

Delta R.T. 0.04 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampled :

S49-0483MS

Tgt Ion: 43 Resp: 972893

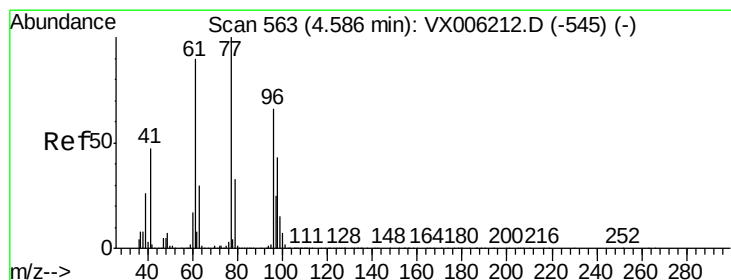
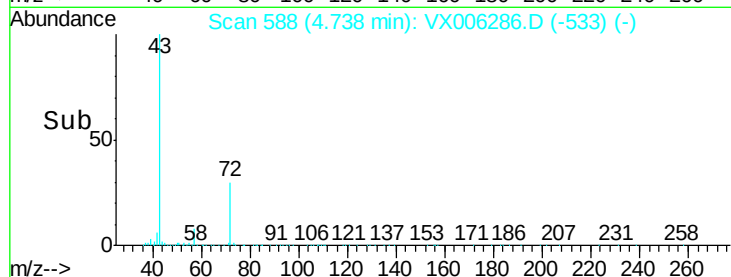
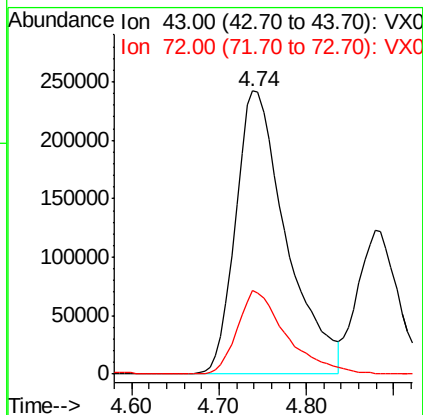
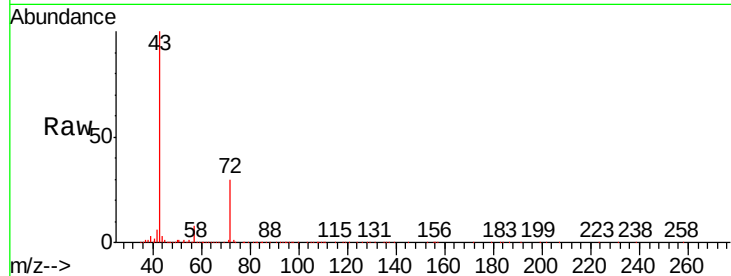
Ion Ratio Lower Upper

43 100

72 29.5 22.6 33.8

Manual Integrations
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MMDadoda
12/5/2018 10:12:01 AM



#26

2,2-Dichloropropane

Concen: 48.063 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX006286.D

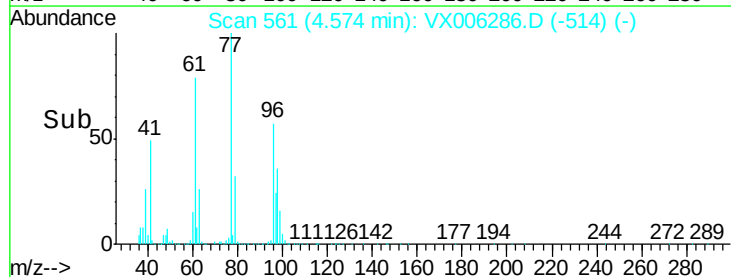
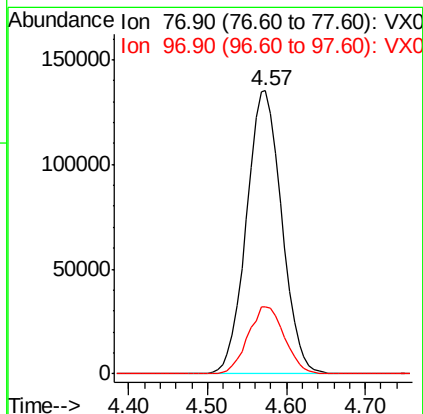
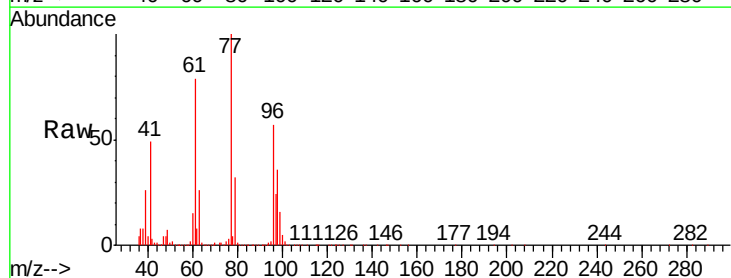
Acq: 04 Dec 2018 18:41

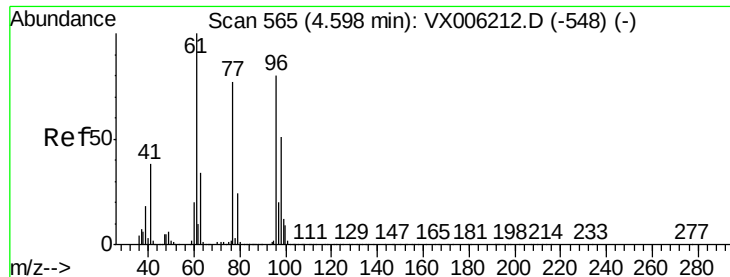
Tgt Ion: 77 Resp: 419389

Ion Ratio Lower Upper

77 100

97 24.7 12.3 36.8





#27

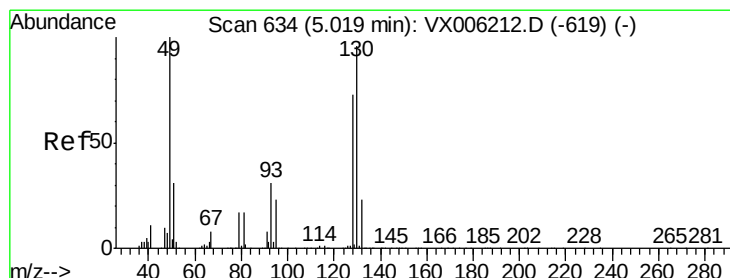
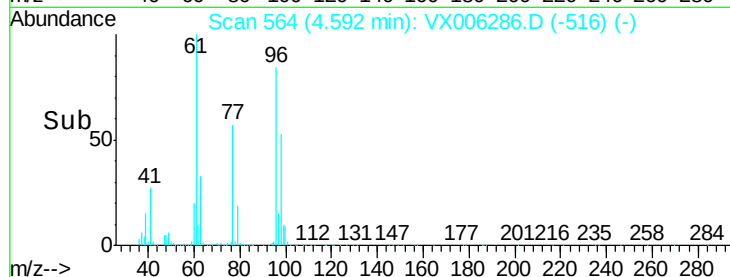
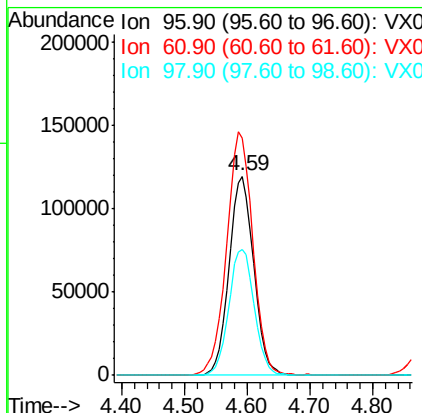
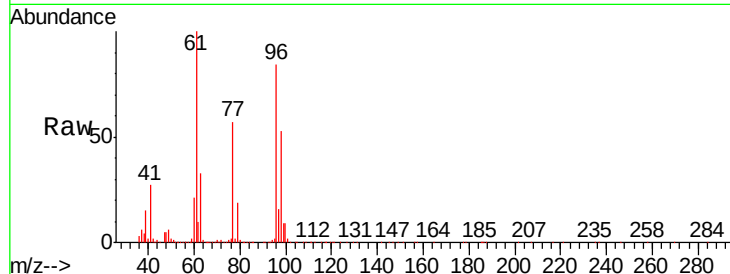
cis-1,2-Dichloroethene
 Concen: 51.116 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX006286.D
 Acq: 04 Dec 2018 18:41

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0483MS

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	129.3	0.0	265.0
98	65.3	0.0	130.2

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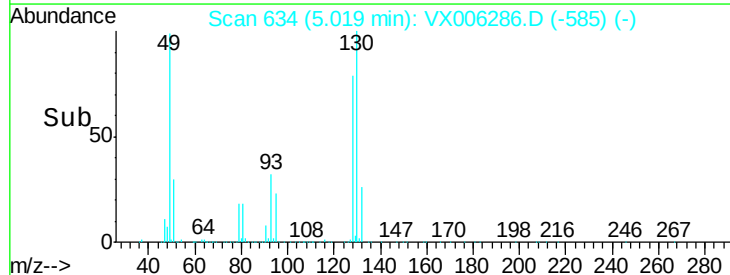
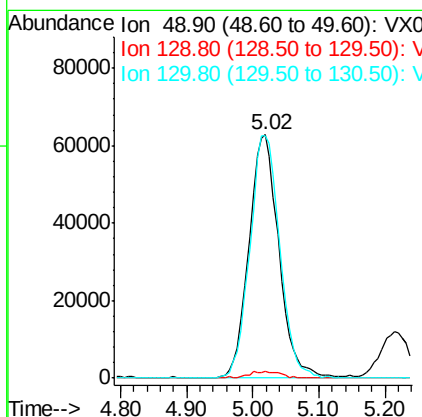
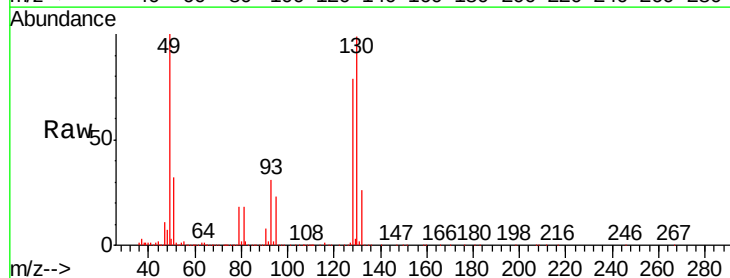
MMDadoda
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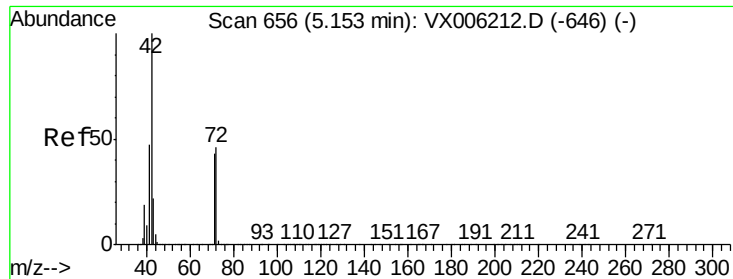


#28

Bromochloromethane
 Concen: 48.113 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006286.D
 Acq: 04 Dec 2018 18:41

Tgt Ion	Ratio	Resp Lower	Upper
49	100		
129	3.0	0.0	5.0
130	99.6	78.3	117.5





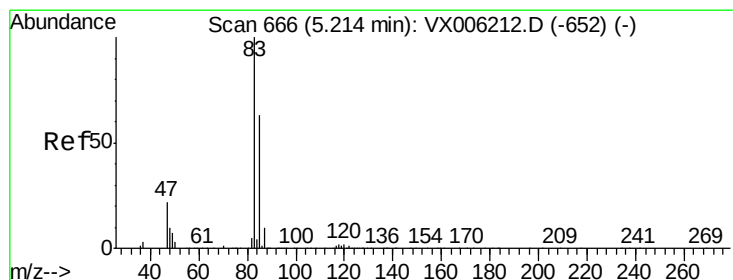
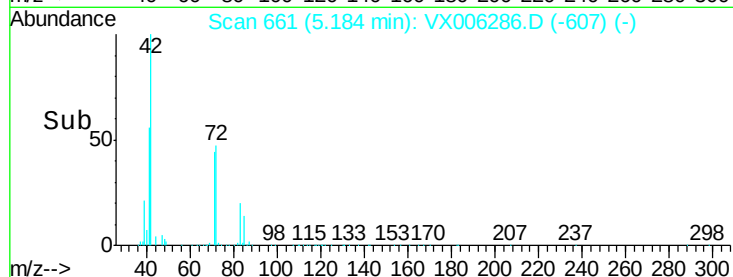
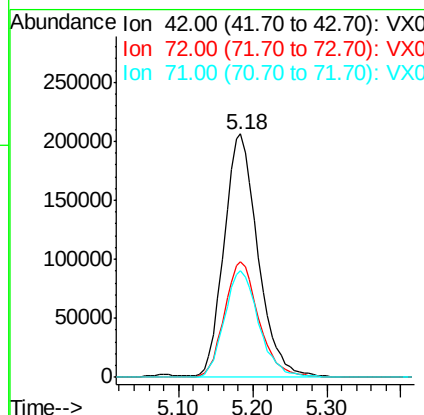
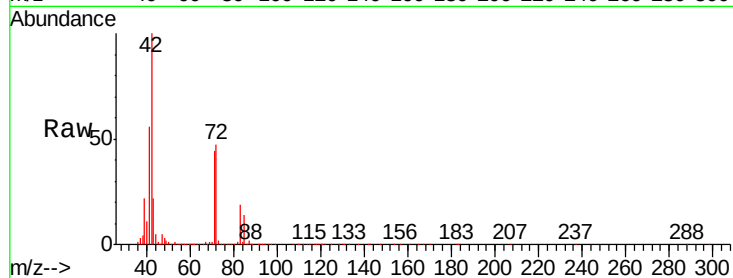
#29
Tetrahydrofuran
Concen: 230.862 ug/l
RT: 5.18 min Scan# 661
Delta R.T. 0.03 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
S49-0483MS

Tgt Ion	Ratio	Lower	Upper
42	100		
72	48.5	37.8	56.8
71	44.7	35.2	52.8

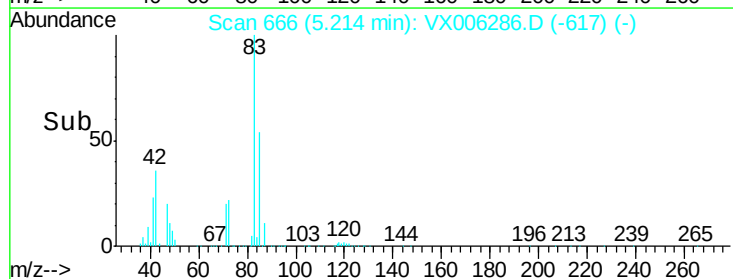
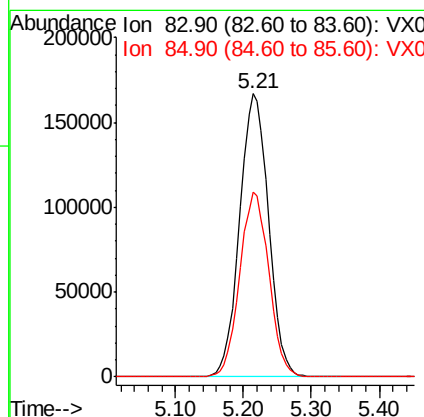
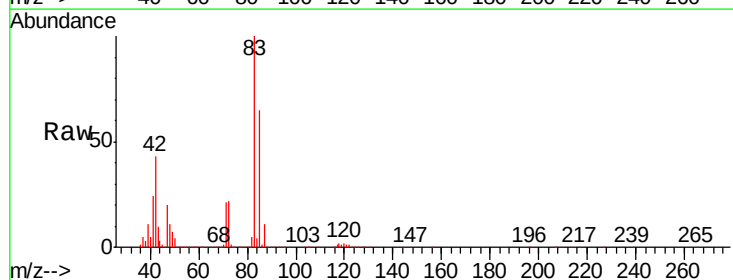
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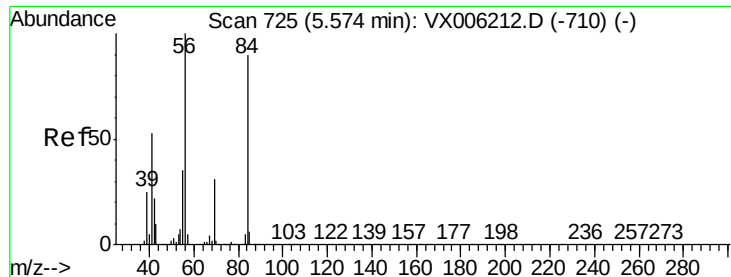
MMDadoda
12/5/2018 10:12:01 AM



#30
Chloroform
Concen: 49.613 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.3	75.5





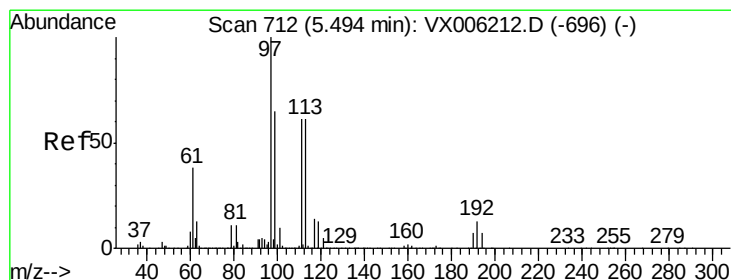
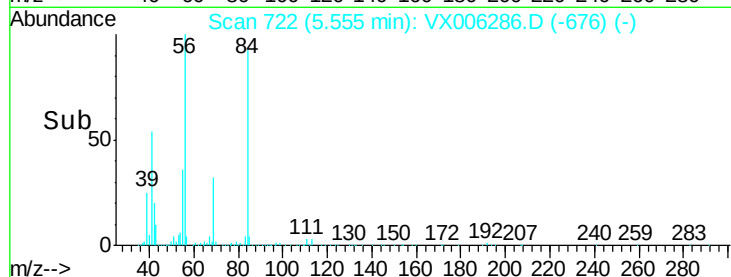
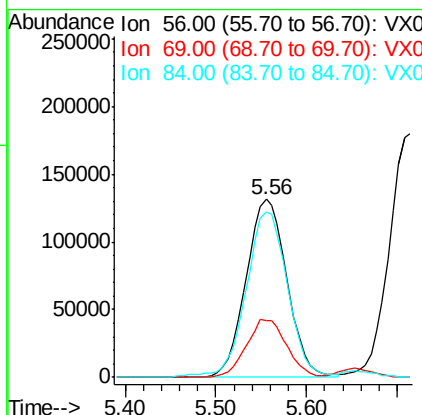
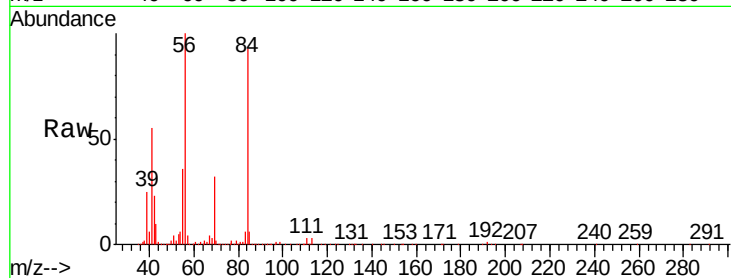
#31
Cyclohexane
Concen: 46.815 ug/l
RT: 5.56 min Scan# 722
Delta R.T. -0.02 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
S49-0483MS

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.1	24.5	36.7
84	92.0	71.8	107.6

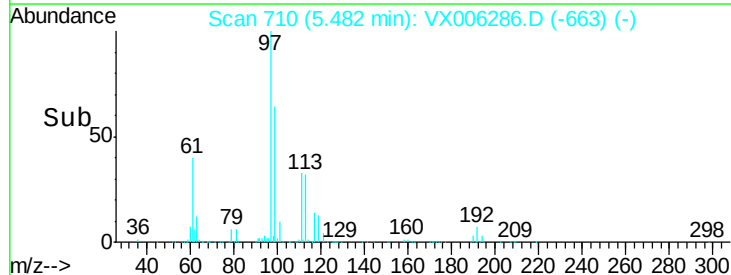
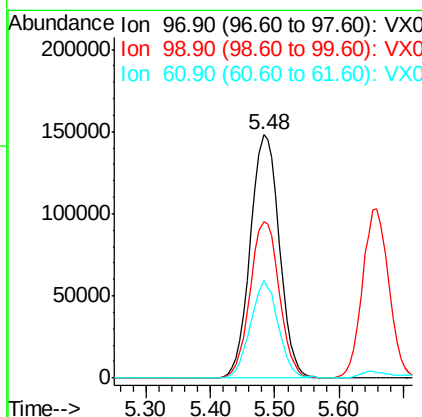
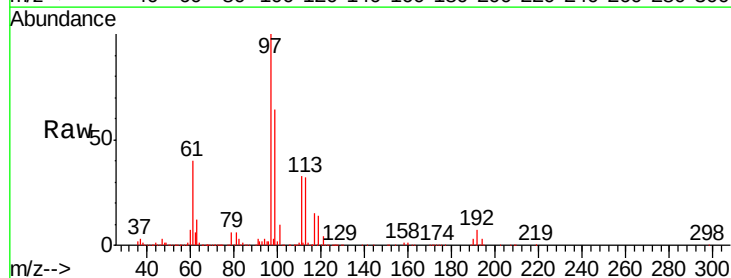
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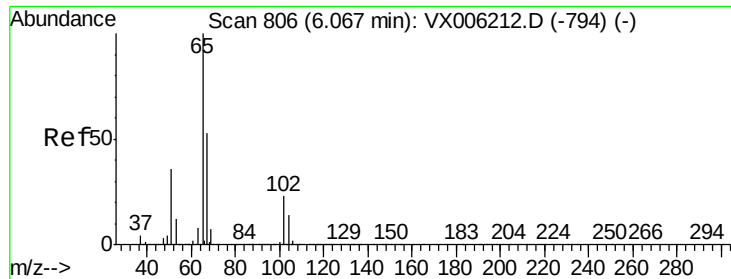
MMDadoda
12/5/2018 10:12:01 AM



#32
1,1,1-Trichloroethane
Concen: 48.363 ug/l
RT: 5.48 min Scan# 710
Delta R.T. -0.01 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.6	77.4
61	38.2	30.6	46.0





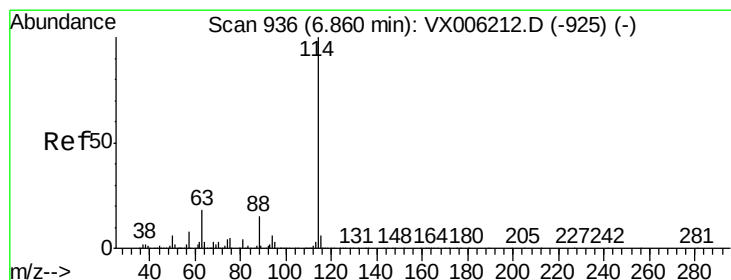
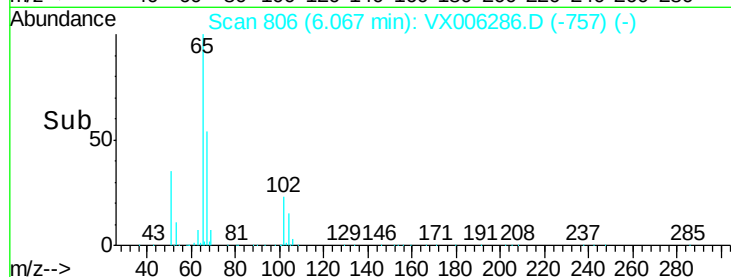
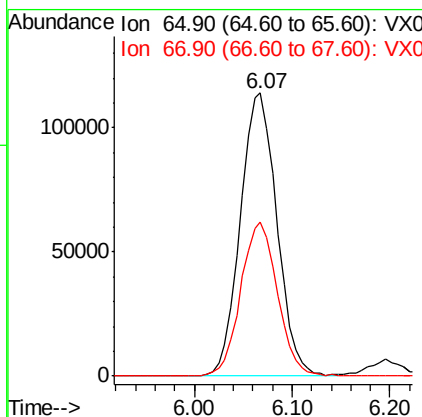
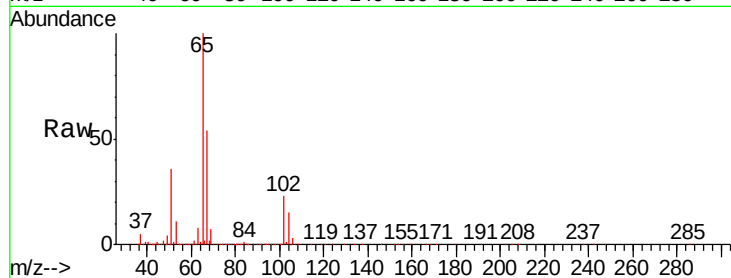
#33
 1,2-Dichloroethane-d4
 Concen: 48.998 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006286.D
 Acq: 04 Dec 2018 18:41

Instrument :
 MSVOA_X
 ClientSampled :
 S49-0483MS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	296355		
67	54.5	0.0	107.2	

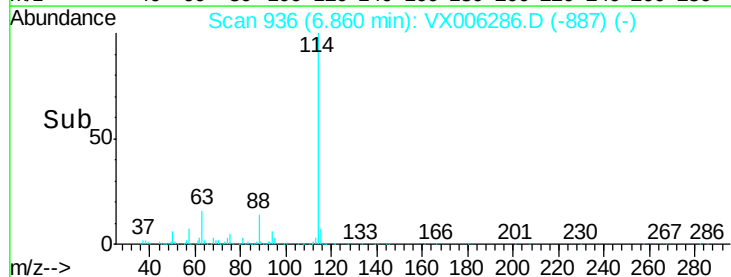
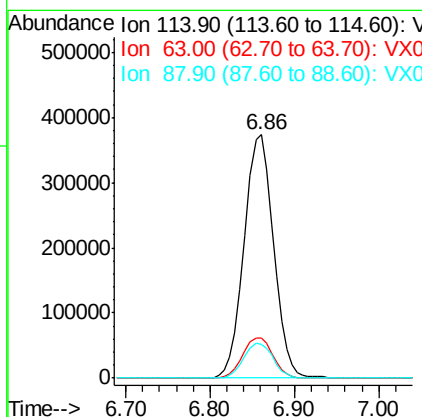
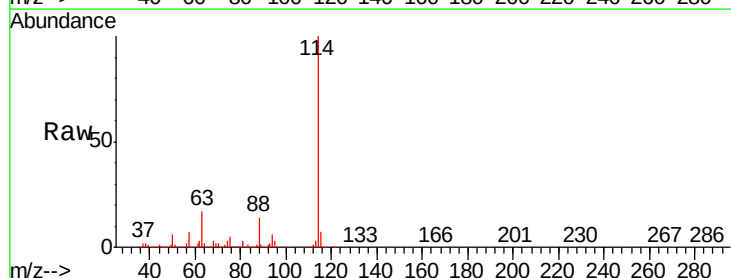
Manual Integrations
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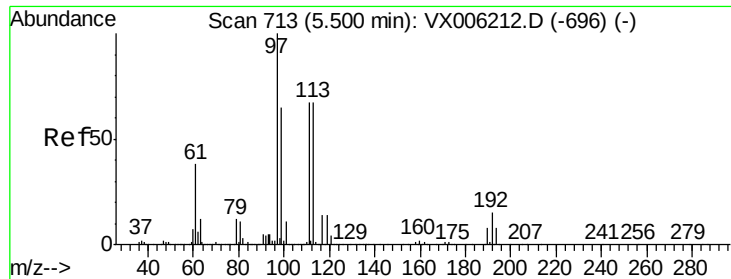
MMDadoda
 12/5/2018 10:12:01 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006286.D
 Acq: 04 Dec 2018 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	882545		
63	16.5	0.0	36.6	
88	14.0	0.0	29.0	





#35

Dibromofluoromethane

Concen: 49.767 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

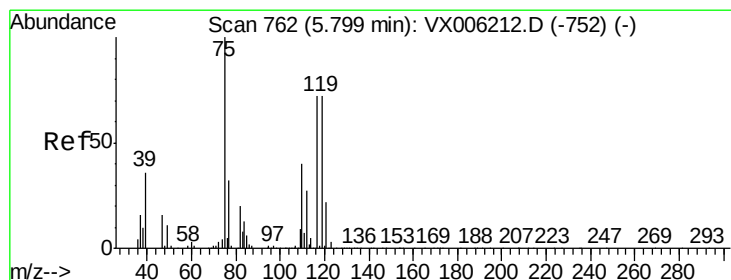
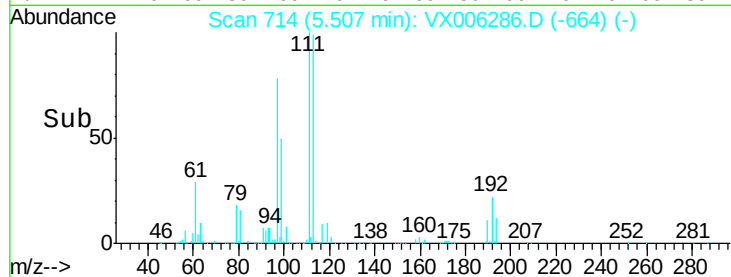
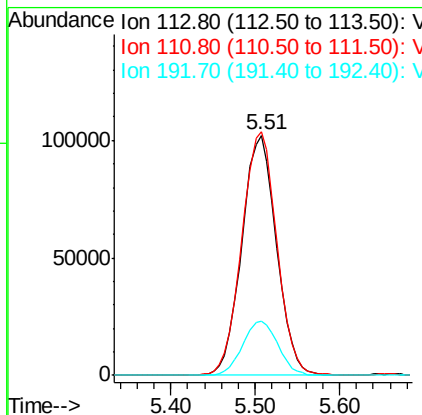
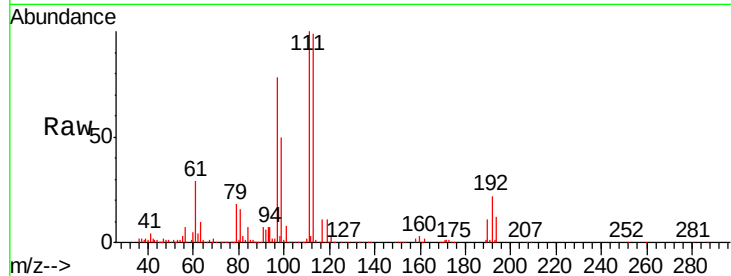
ClientSampled :

S49-0483MS

Tgt Ion:	113	Resp:	284374
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.1	121.7
192	23.1	18.2	27.2

Manual Integrations
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12/5/2018 10:12:01 AM



#36

1,1-Dichloropropene

Concen: 48.410 ug/l

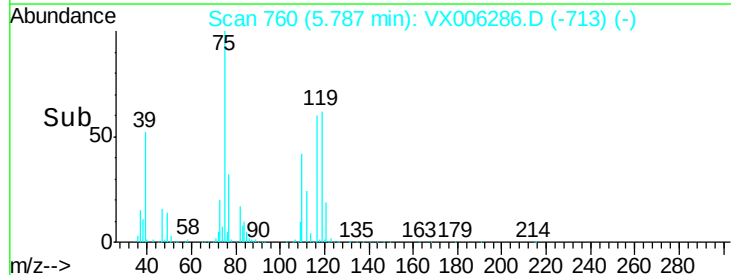
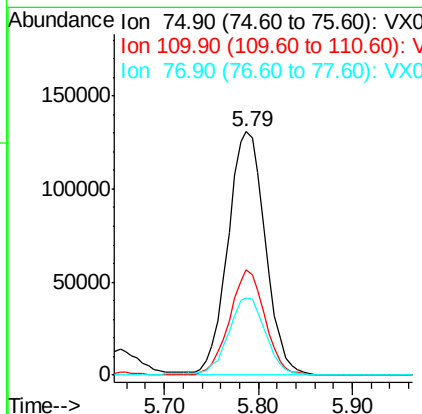
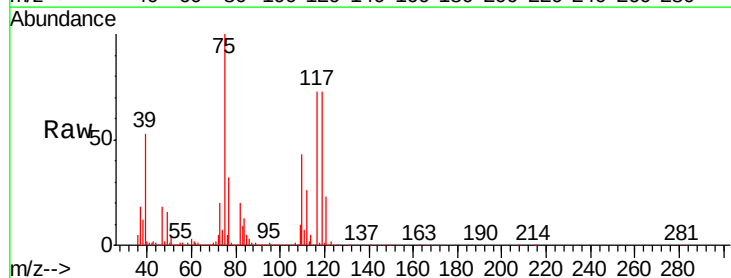
RT: 5.79 min Scan# 760

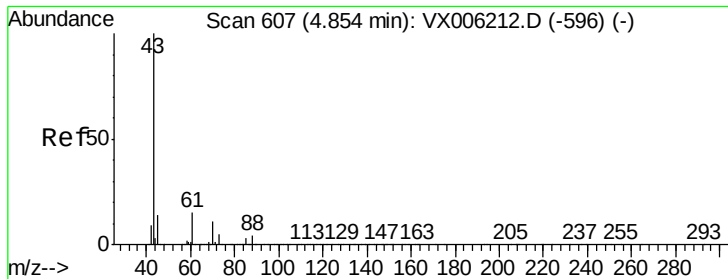
Delta R.T. -0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Tgt Ion:	75	Resp:	359779
Ion Ratio	Lower	Upper	
75	100		
110	40.8	20.4	61.3
77	31.0	24.9	37.3





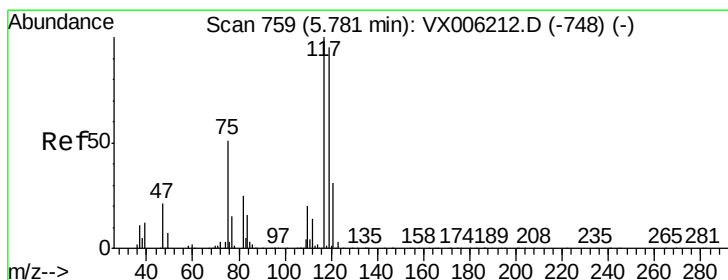
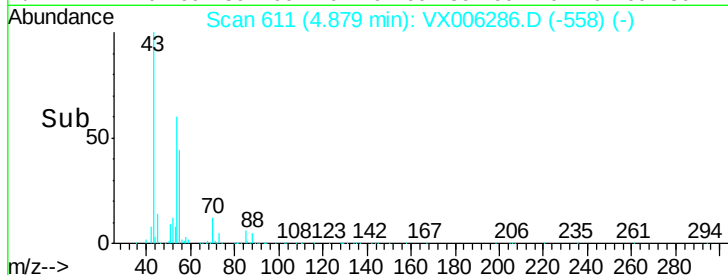
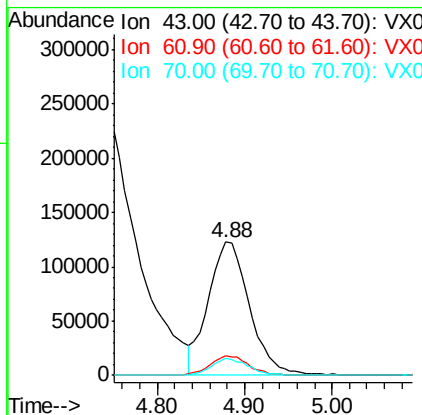
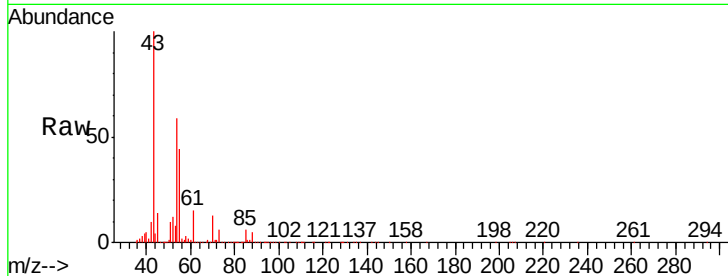
#37
Ethyl Acetate
Concen: 48.076 ug/l
RT: 4.88 min Scan# 611
Delta R.T. 0.02 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
S49-0483MS

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.5	17.3
70	11.5	9.0	13.6

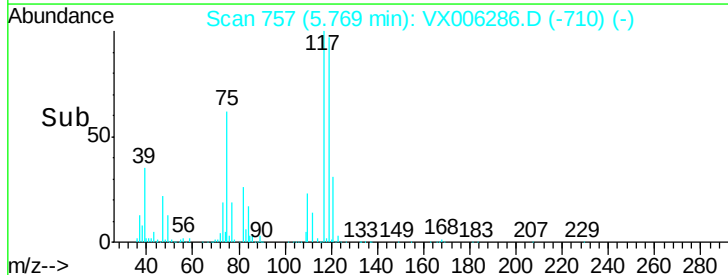
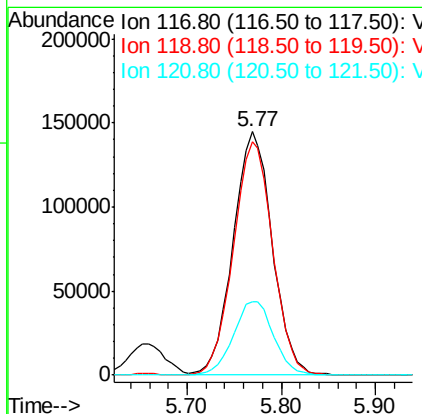
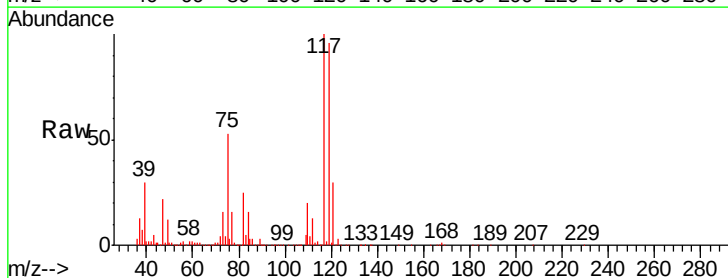
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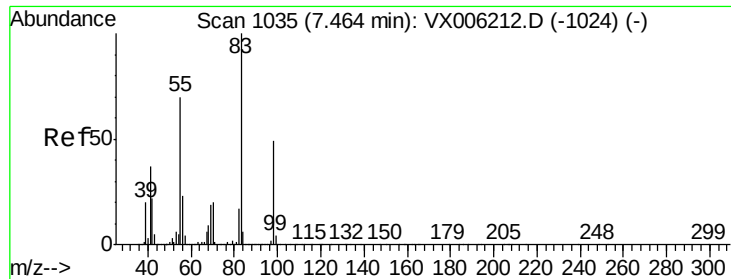
MMDadoda
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#38
Carbon Tetrachloride
Concen: 47.704 ug/l
RT: 5.77 min Scan# 757
Delta R.T. -0.01 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.8	113.8
121	30.2	24.6	37.0





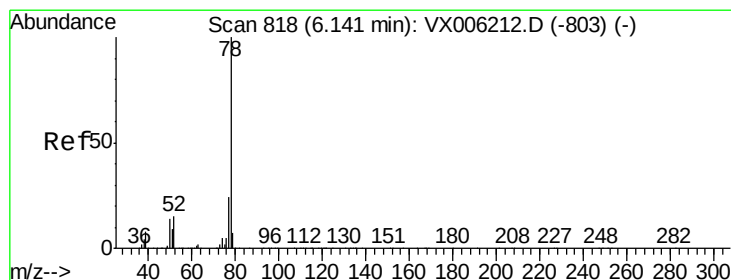
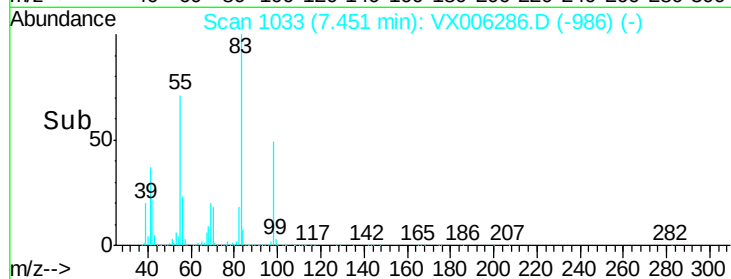
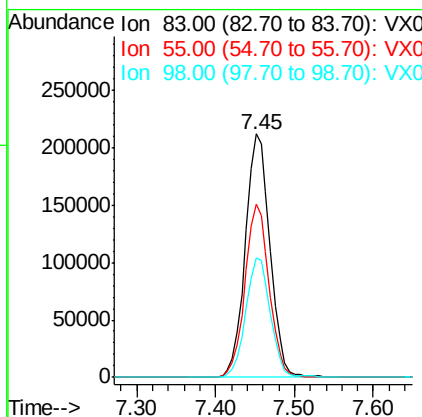
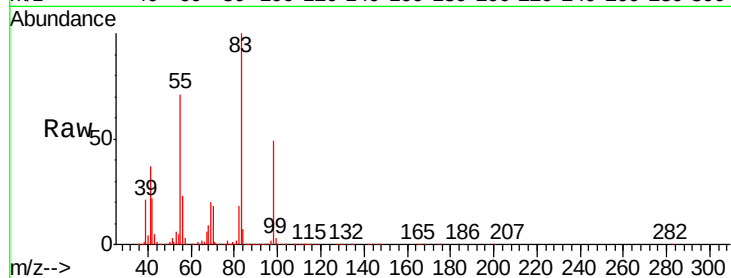
#39
Methylcyclohexane
Concen: 47.643 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
S49-0483MS

Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.8	56.4	84.6
98	49.1	39.0	58.6

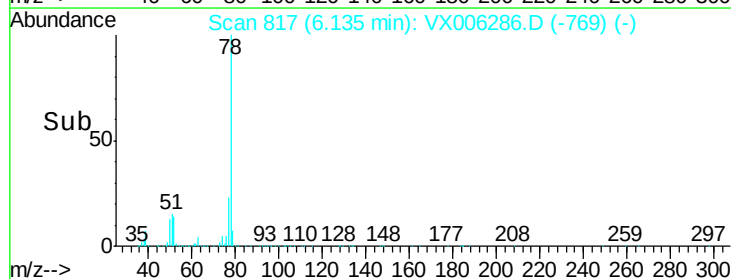
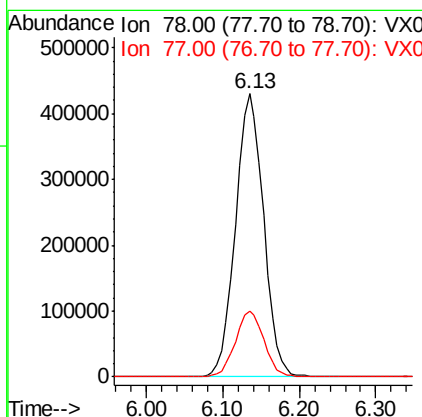
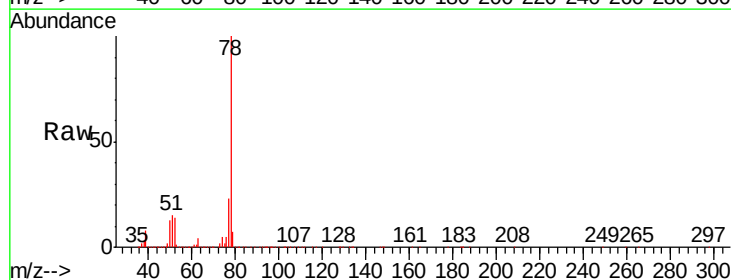
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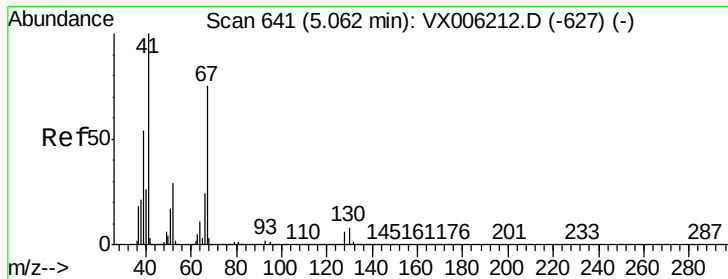
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#40
Benzene
Concen: 49.159 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.2	28.8





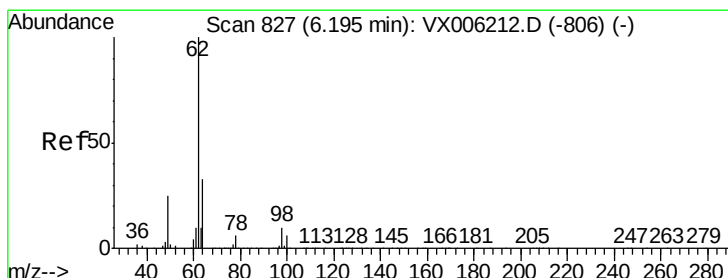
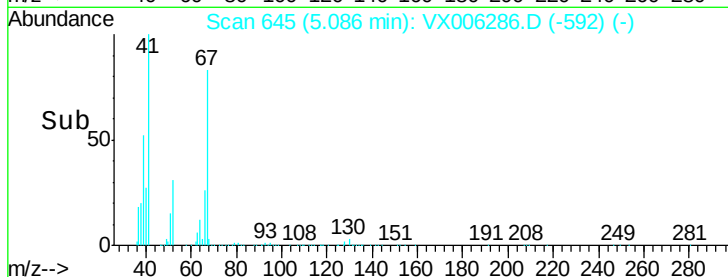
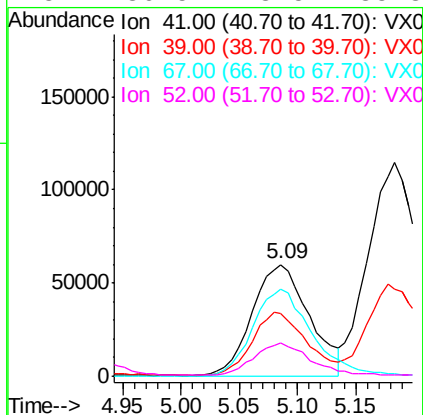
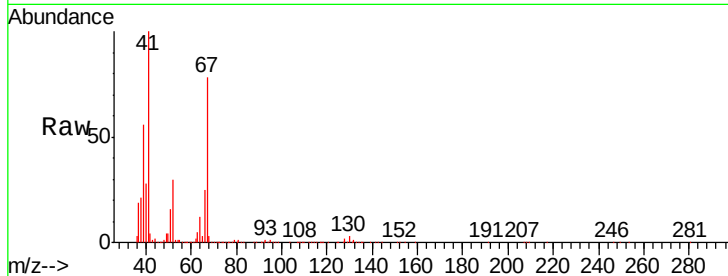
#41
Methacrylonitrile
Concen: 44.467 ug/l
RT: 5.09 min Scan# 645
Delta R.T. 0.02 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
S49-0483MS

Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.4	44.0	66.0
67	81.1	61.4	92.0
52	30.5	23.5	35.3

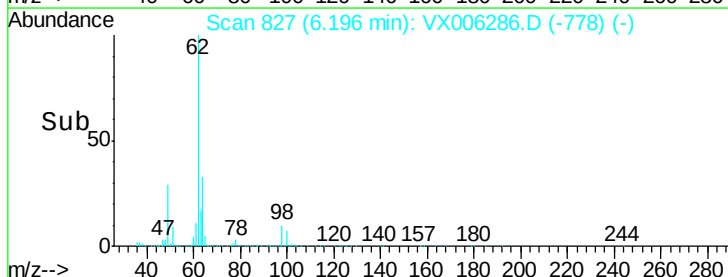
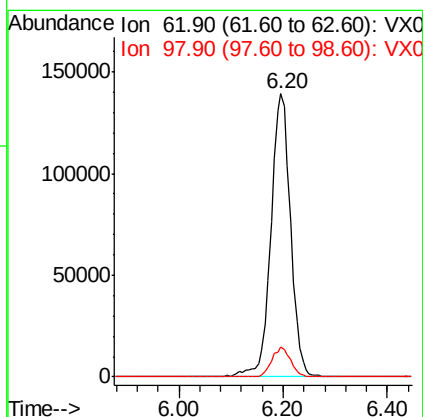
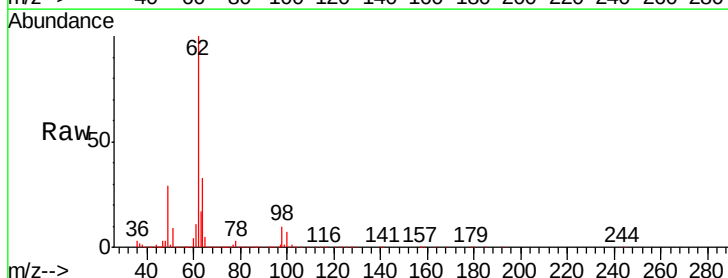
Manual Integrations
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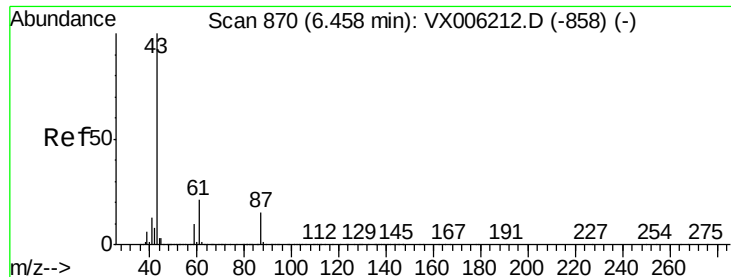
MMDadoda
12/5/2018 10:12:01 AM



#42
1,2-Dichloroethane
Concen: 49.671 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2





#43

Isopropyl Acetate

Concen: 45.604 ug/l

RT: 6.48 min Scan# 873

Delta R.T. 0.02 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

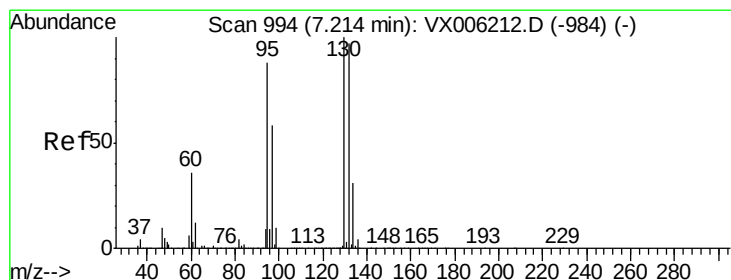
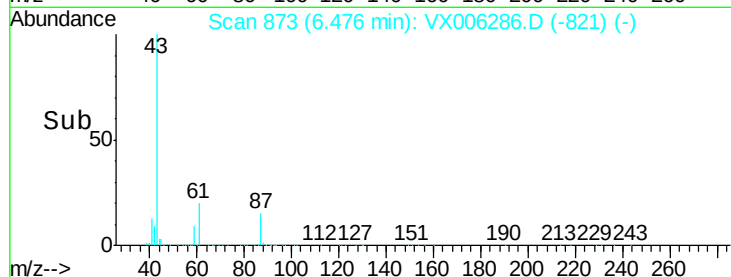
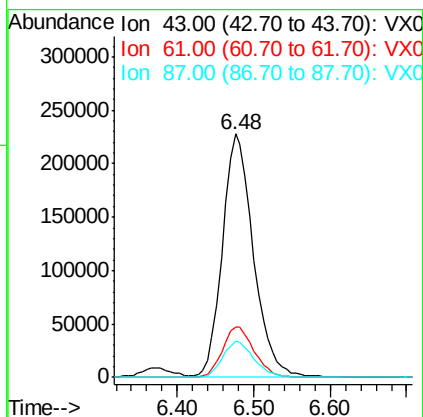
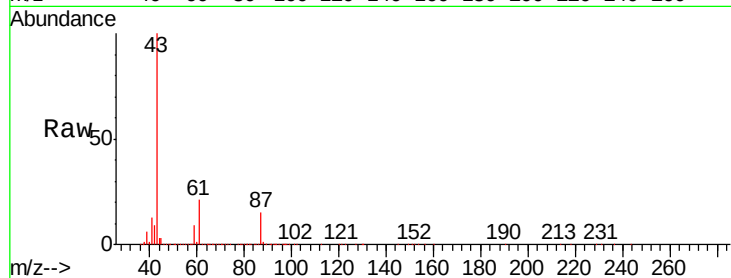
ClientSampleId :

S49-0483MS

Tgt Ion:	43	Resp:	632829
Ion	Ratio	Lower	Upper
43	100		
61	21.4	16.8	25.2
87	15.2	11.9	17.9

Manual Integrations
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12/5/2018 10:12:01 AM



#44

Trichloroethene

Concen: 52.943 ug/l

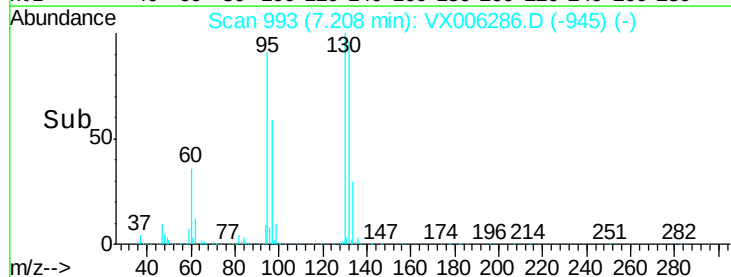
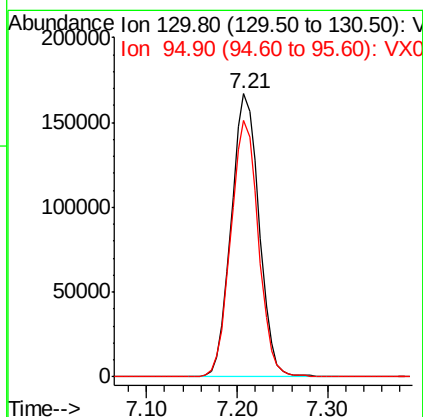
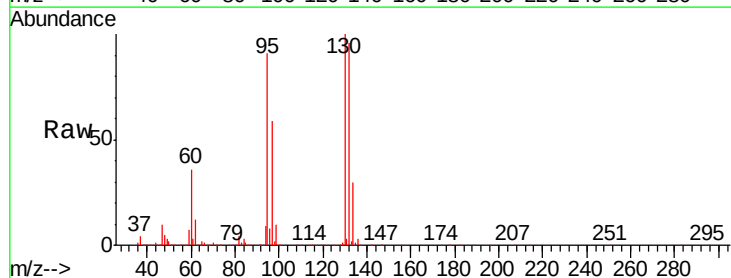
RT: 7.21 min Scan# 993

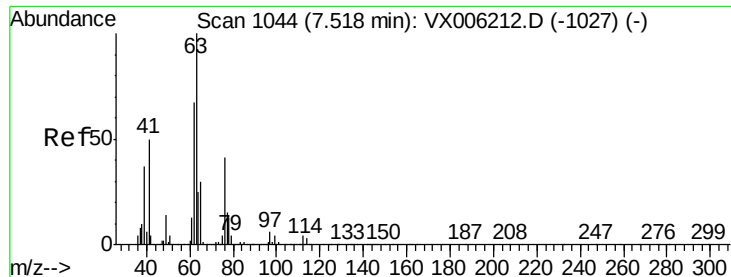
Delta R.T. -0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Tgt Ion:	130	Resp:	357010
Ion	Ratio	Lower	Upper
130	100		
95	90.7	0.0	175.8





#45

1,2-Dichloropropane

Concen: 47.348 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampled :

S49-0483MS

Tgt Ion: 63 Resp: 267862

Ion Ratio Lower Upper

63 100

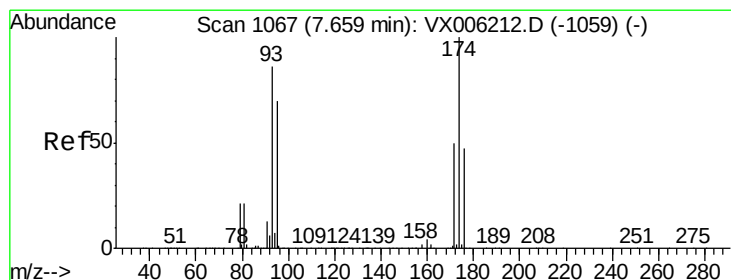
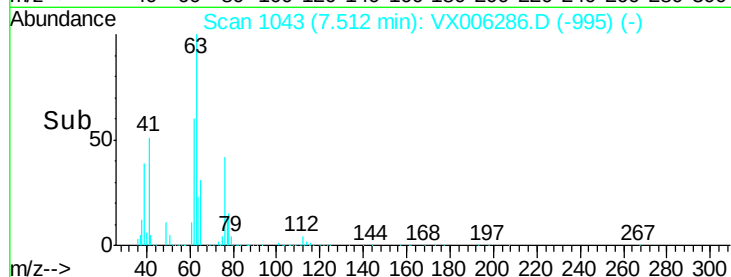
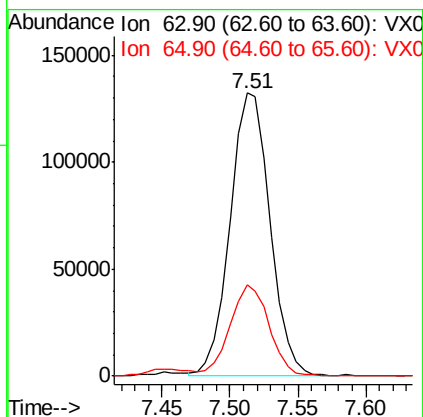
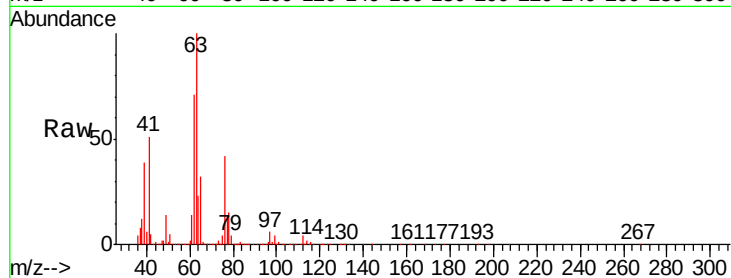
65 32.1 24.3 36.5

Manual Integrations

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MMDadoda

12/5/2018 10:12:01 AM



#46

Dibromomethane

Concen: 48.446 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

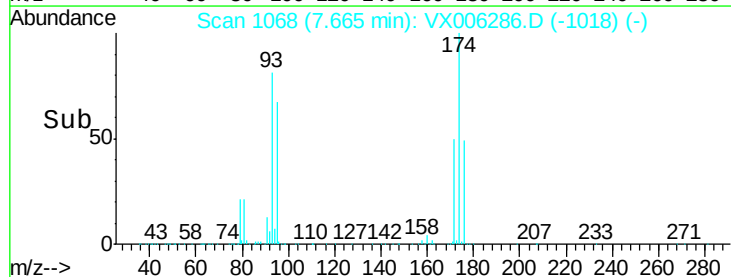
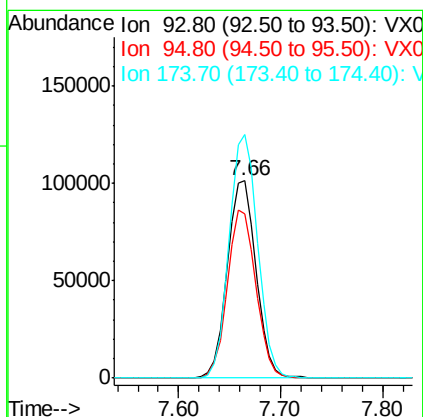
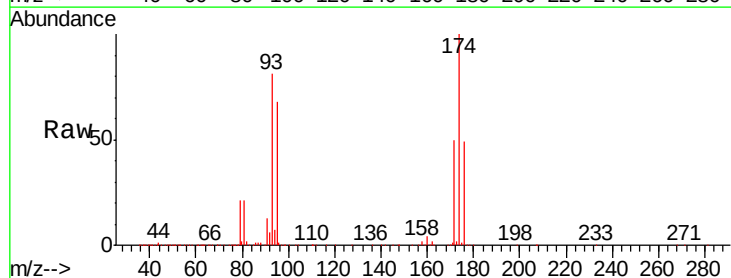
Tgt Ion: 93 Resp: 197938

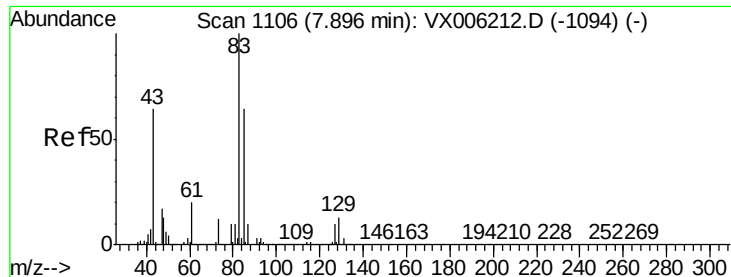
Ion Ratio Lower Upper

93 100

95 84.8 66.2 99.4

174 122.4 97.2 145.8





#47

Bromodichloromethane

Concen: 48.069 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

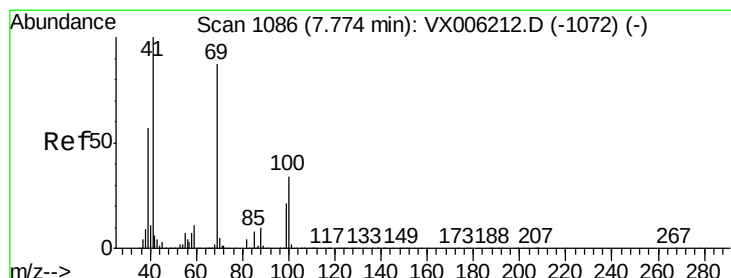
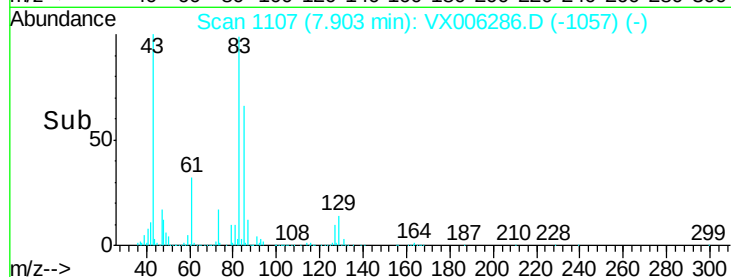
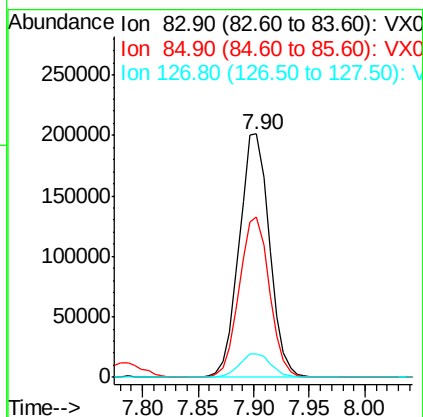
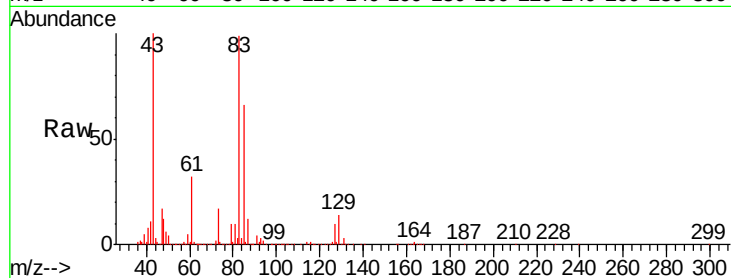
ClientSampled :

S49-0483MS

Tgt Ion:	83	Resp:	380335
Ion Ratio	Lower	Upper	
83	100		
85	66.0	51.4	77.0
127	9.6	7.9	11.9

Manual Integrations
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MMDadoda
12/5/2018 10:12:01 AM



#48

Methyl methacrylate

Concen: 46.745 ug/l

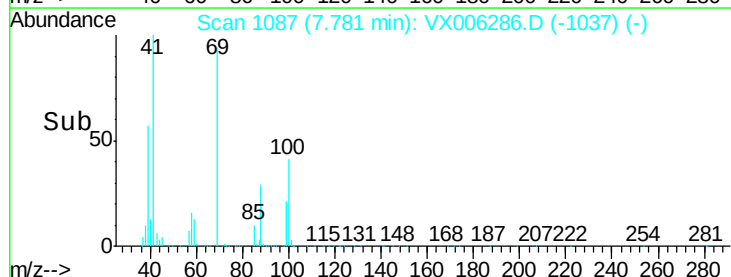
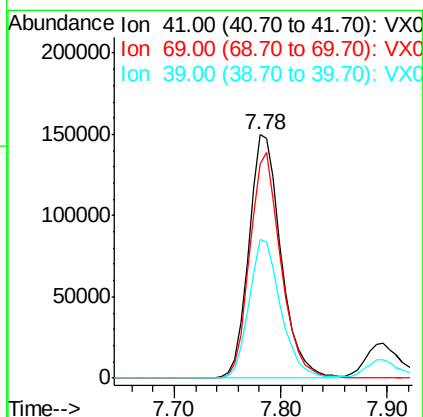
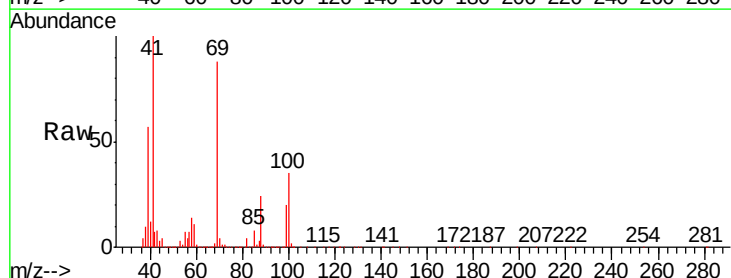
RT: 7.78 min Scan# 1087

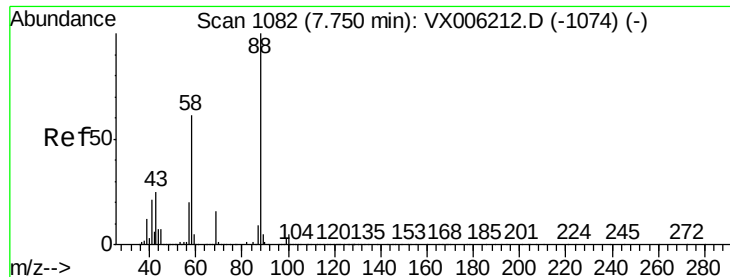
Delta R.T. 0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Tgt Ion:	41	Resp:	315564
Ion Ratio	Lower	Upper	
41	100		
69	90.8	70.3	105.5
39	56.3	45.3	67.9





#49

1,4-Dioxane

Concen: 941.735 ug/l

RT: 7.79 min Scan# 1089

Delta R.T. 0.04 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

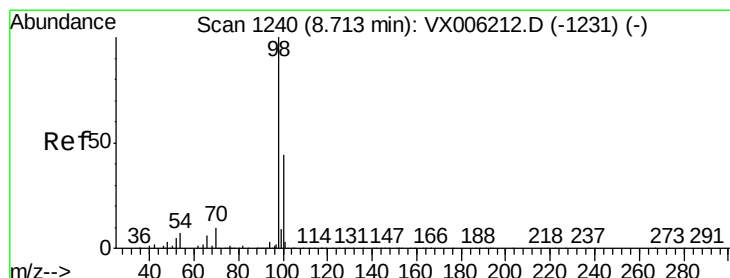
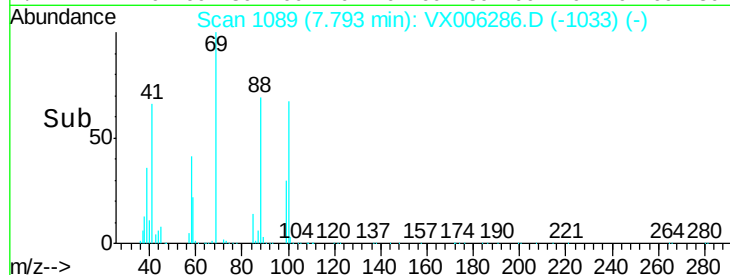
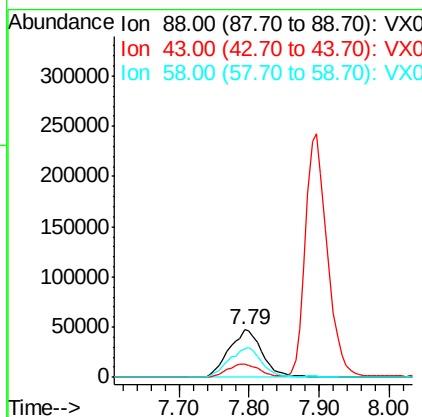
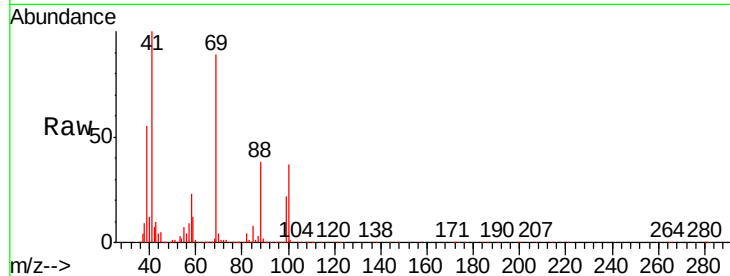
ClientSampleId :

S49-0483MS

Tgt Ion:	88	Resp:	156688
Ion	Ratio	Lower	Upper
88	100		
43	26.2	23.2	34.8
58	61.4	51.4	77.0

Manual Integrations
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MMDadoda
12/5/2018 10:12:01 AM



#50

Toluene-d8

Concen: 48.603 ug/l

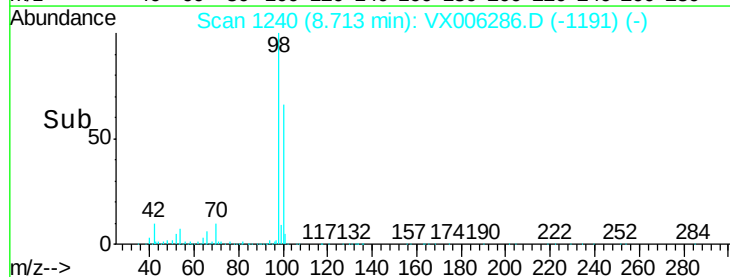
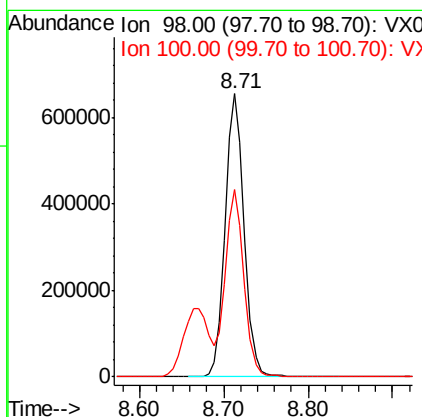
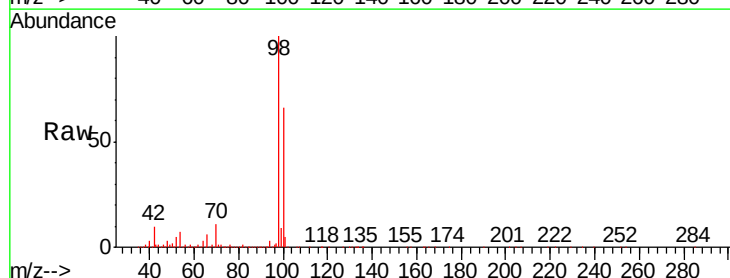
RT: 8.71 min Scan# 1240

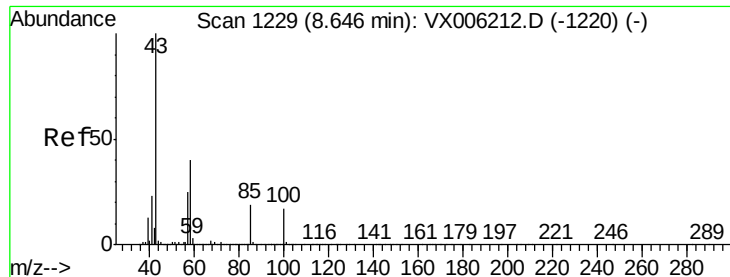
Delta R.T. 0.00 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Tgt Ion:	98	Resp:	1010194
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 241.289 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.02 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

S49-0483MS

Tgt Ion: 43 Resp: 1949166

Ion Ratio Lower Upper

43 100

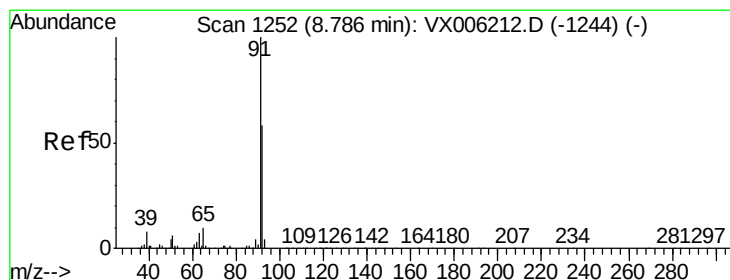
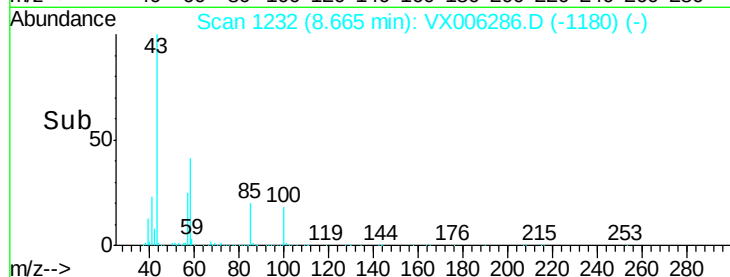
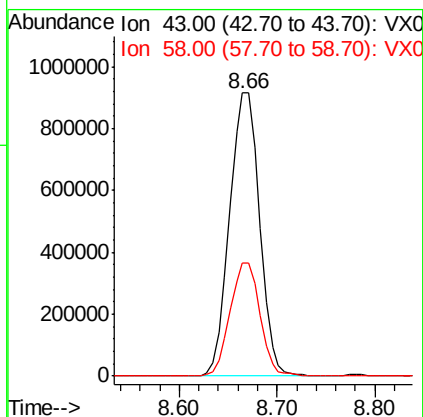
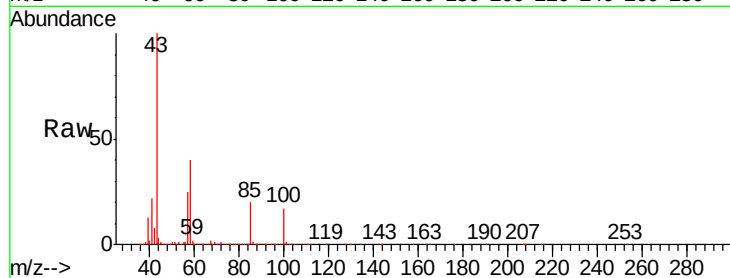
58 40.1 31.3 46.9

Manual Integrations

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MMDadoda

12/5/2018 10:12:01 AM



#52

Toluene

Concen: 47.755 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006286.D

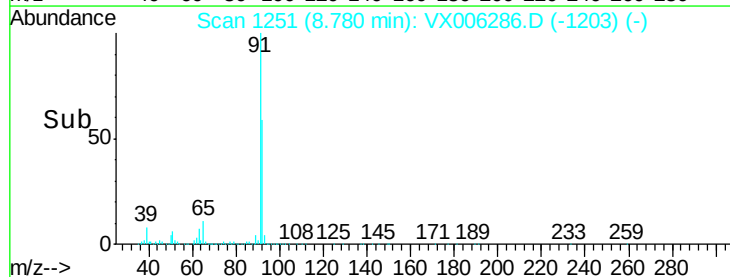
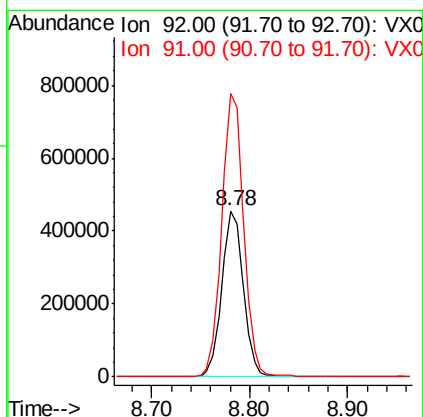
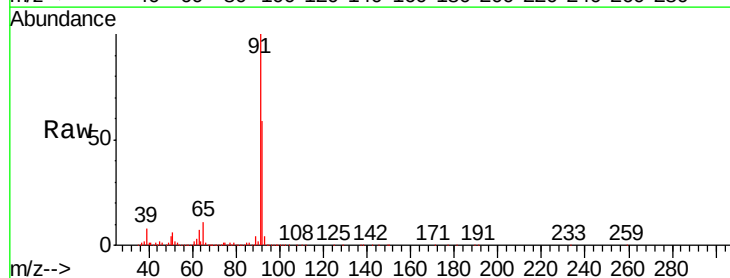
Acq: 04 Dec 2018 18:41

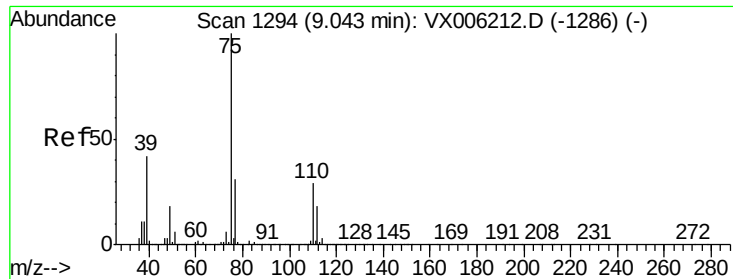
Tgt Ion: 92 Resp: 699339

Ion Ratio Lower Upper

92 100

91 173.3 139.2 208.8





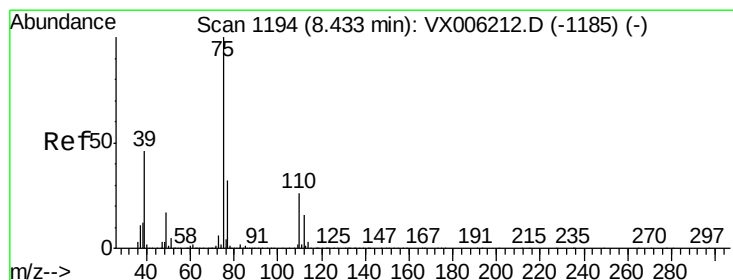
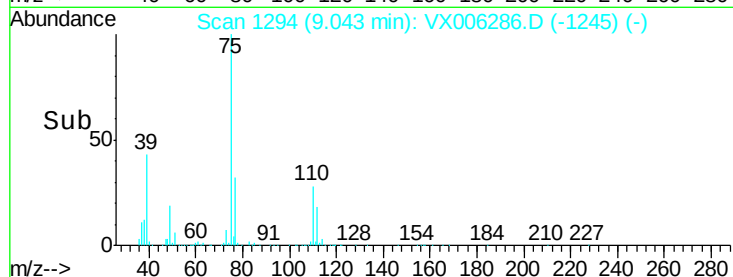
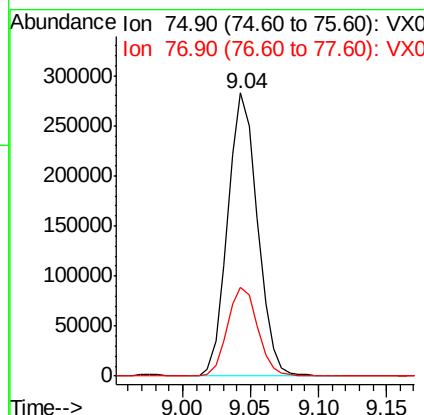
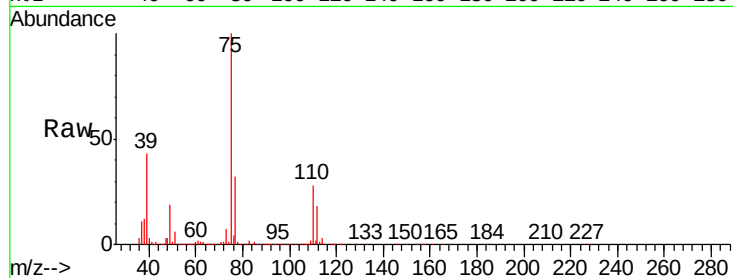
#53
t-1,3-Dichloropropene
Concen: 46.462 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
S49-0483MS

Tgt Ion: 75 Resp: 429934
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4

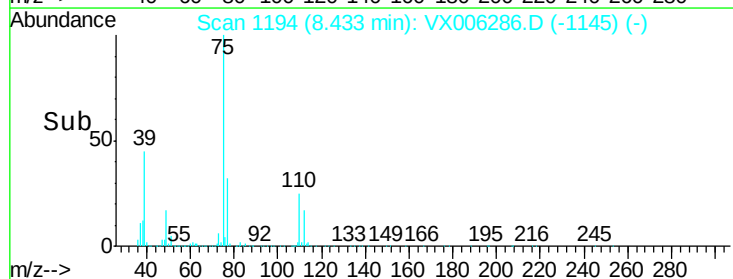
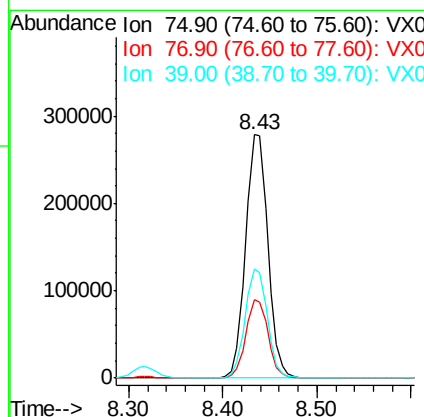
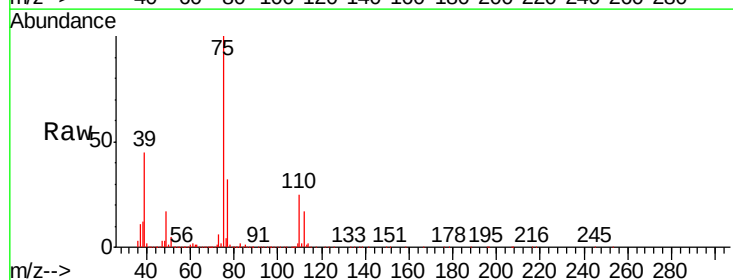
Manual Integrations
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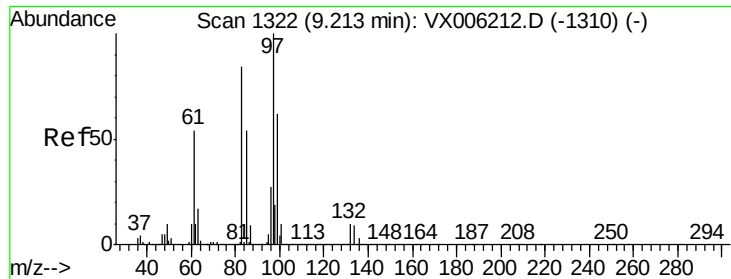
MMDadoda
12/5/2018 10:12:01 AM



#54
cis-1,3-Dichloropropene
Concen: 48.034 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Tgt Ion: 75 Resp: 461536
Ion Ratio Lower Upper
75 100
77 32.4 25.6 38.4
39 44.7 36.5 54.7





#55

1,1,2-Trichloroethane

Concen: 50.464 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

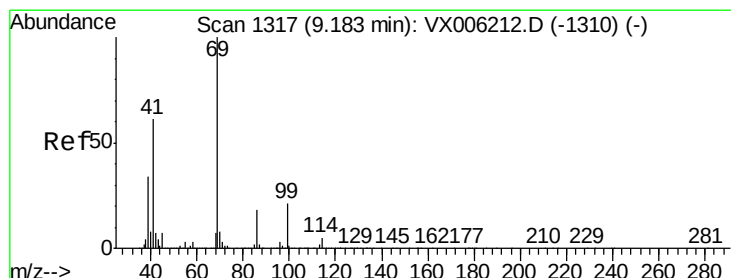
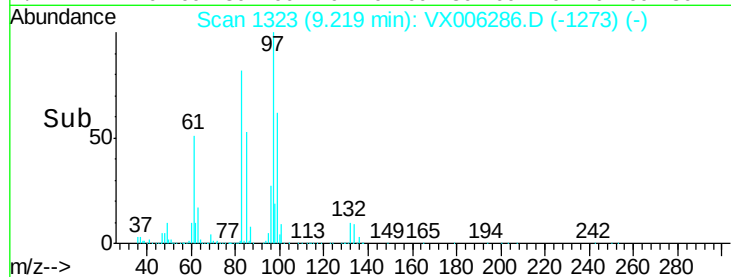
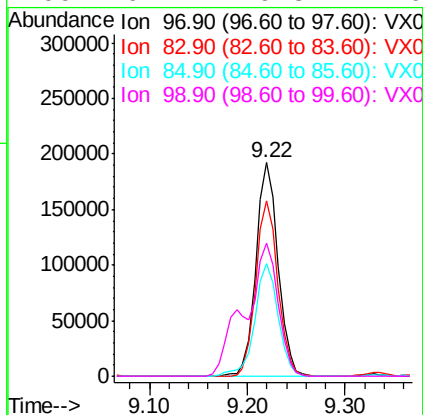
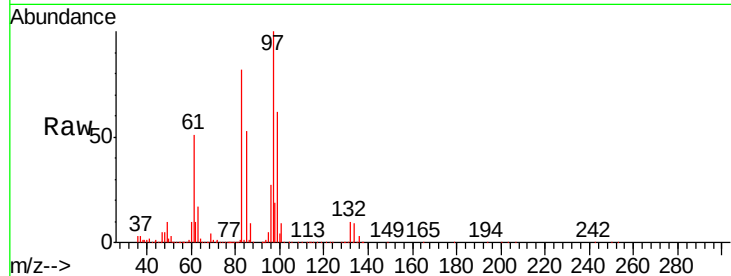
ClientSampleId :

S49-0483MS

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.9	67.1	100.7
85	52.9	43.2	64.8
99	62.4	49.8	74.6

Manual Integrations
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12/5/2018 10:12:01 AM



#56

Ethyl methacrylate

Concen: 48.916 ug/l

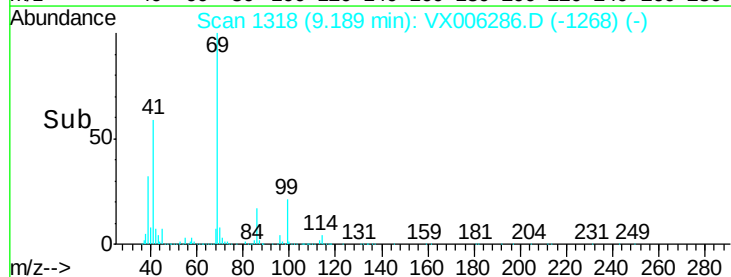
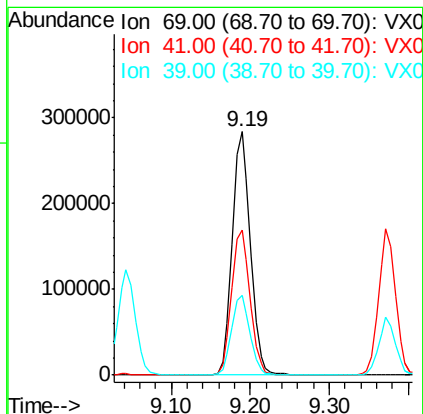
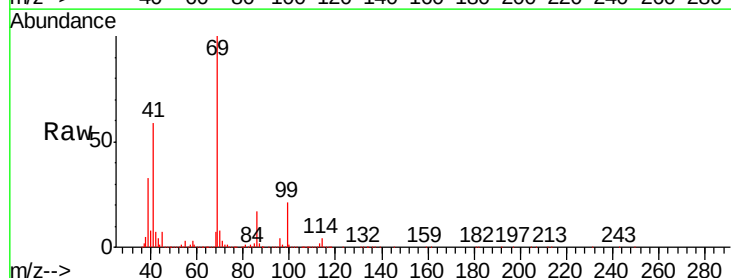
RT: 9.19 min Scan# 1318

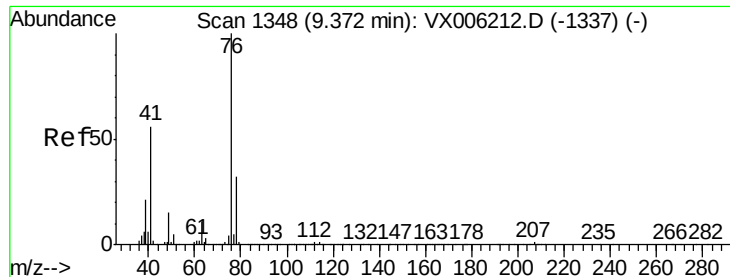
Delta R.T. 0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.6	50.6	76.0
39	33.0	27.6	41.4





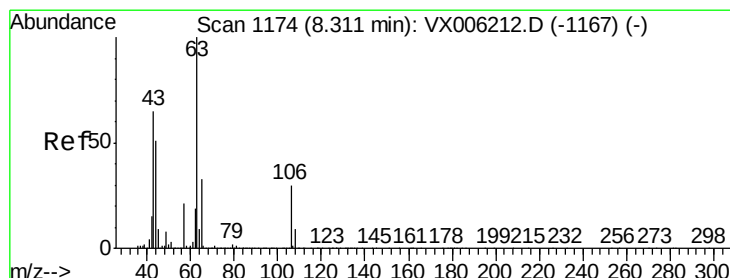
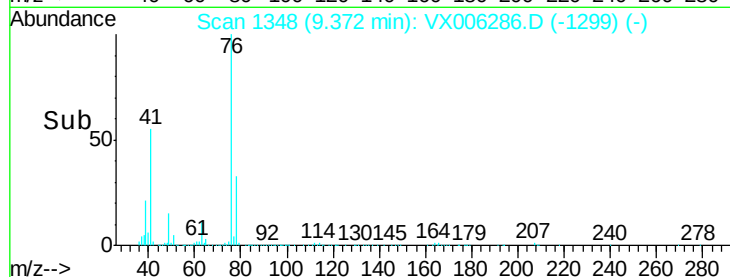
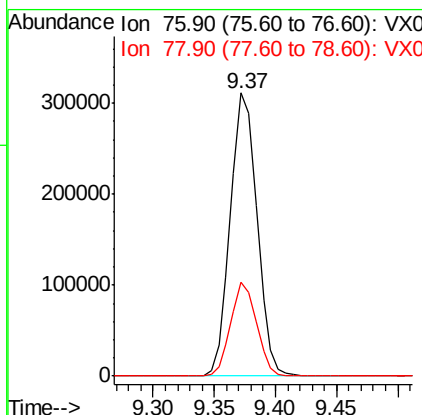
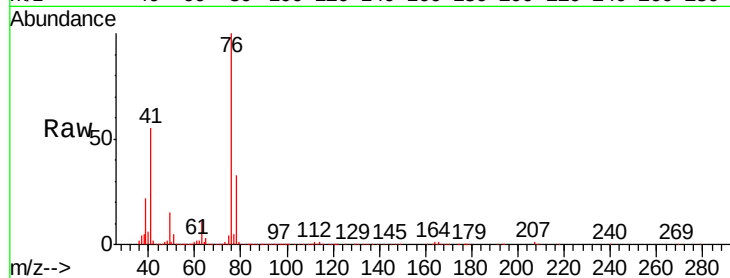
#57
 1,3-Dichloropropane
 Concen: 50.082 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006286.D
 Acq: 04 Dec 2018 18:41

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0483MS

Tgt Ion: 76 Resp: 471155
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.1 39.1

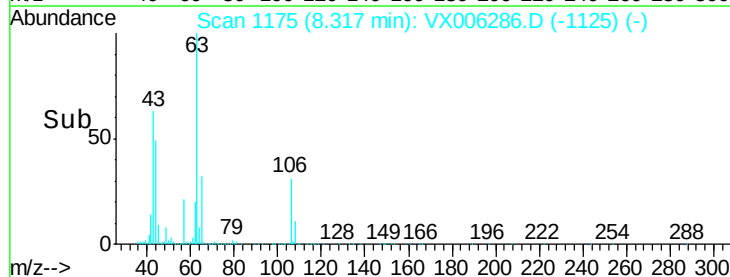
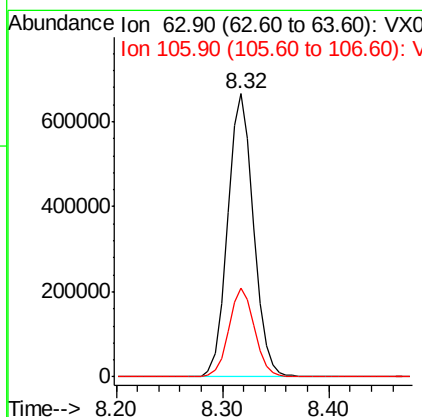
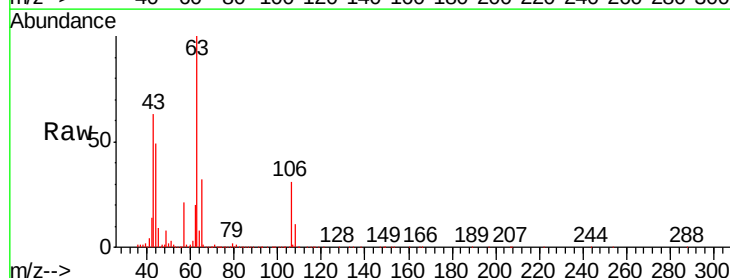
Manual Integrations
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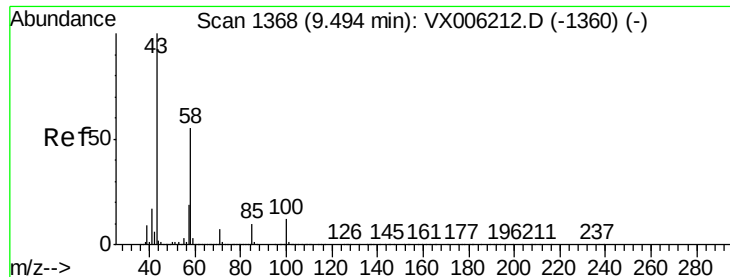
MMDadoda
 12/5/2018 10:12:01 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 239.434 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX006286.D
 Acq: 04 Dec 2018 18:41

Tgt Ion: 63 Resp: 1130051
 Ion Ratio Lower Upper
 63 100
 106 31.2 24.9 37.3





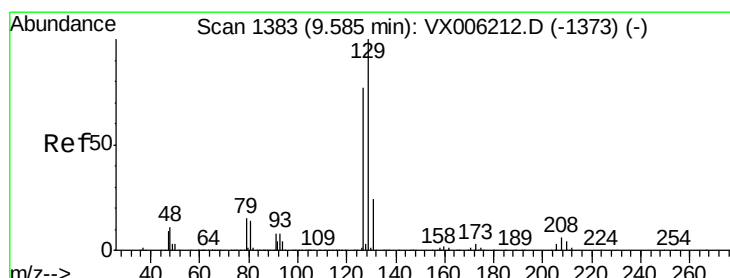
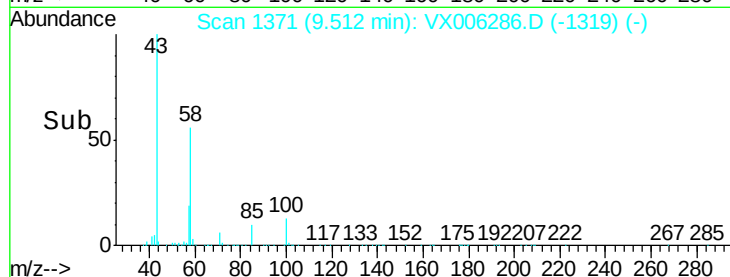
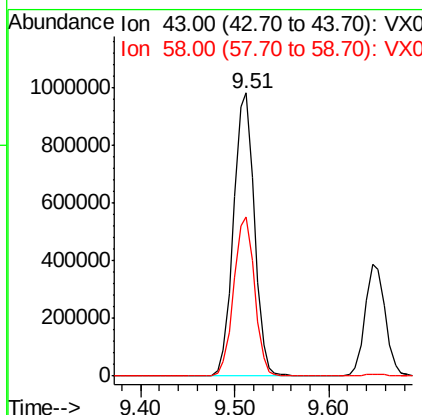
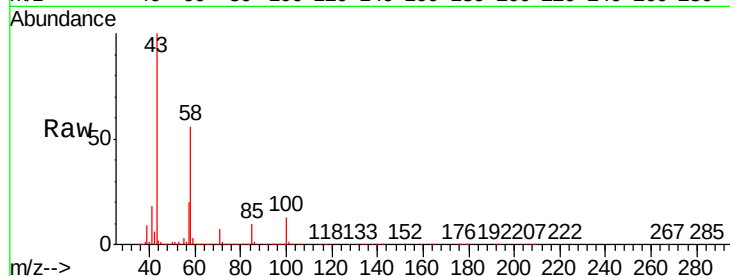
#59
2-Hexanone
Concen: 244.320 ug/l
RT: 9.51 min Scan# 1371
Delta R.T. 0.02 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Instrument :
MSVOA_X
ClientSampled :
S49-0483MS

Tgt Ion: 43 Resp: 1507871
Ion Ratio Lower Upper
43 100
58 56.3 27.7 83.1

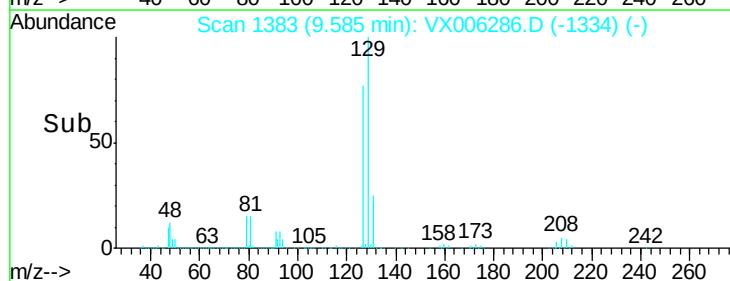
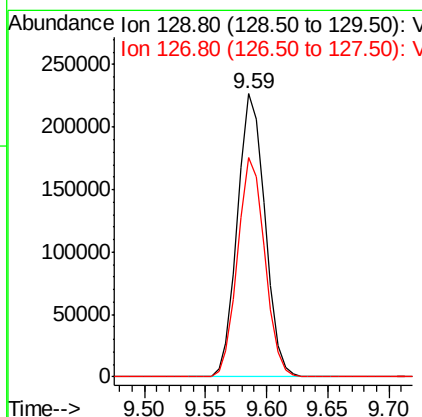
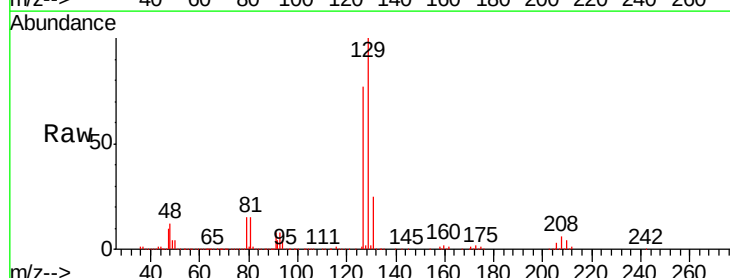
Manual Integrations
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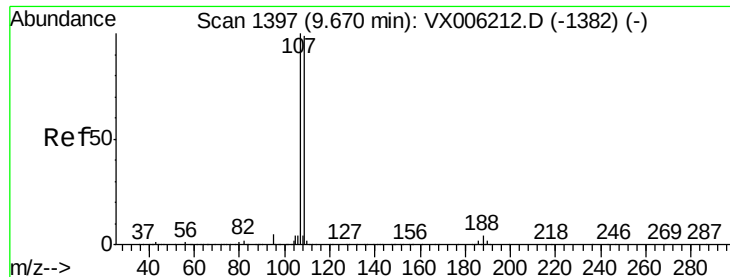
MMDadoda
12/5/2018 10:12:01 AM



#60
Dibromochloromethane
Concen: 48.204 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Tgt Ion: 129 Resp: 353628
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.8





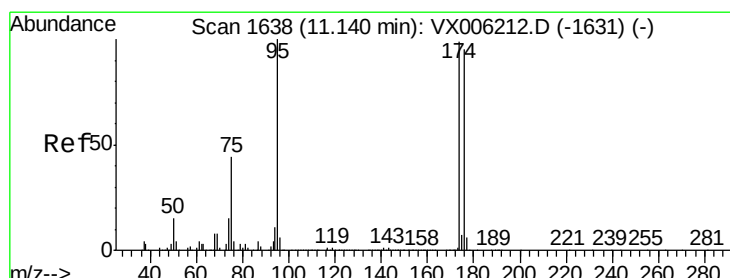
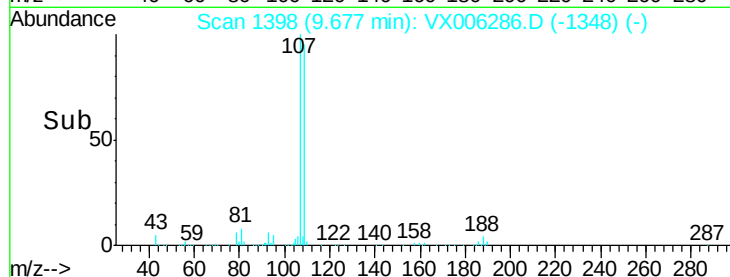
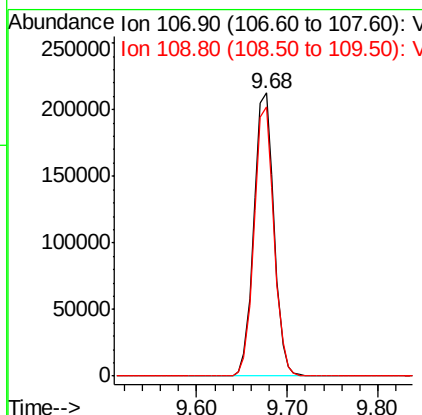
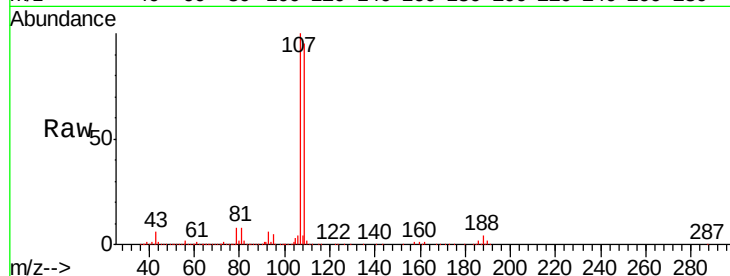
#61
 1,2-Dibromoethane
 Concen: 48.995 ug/l
 RT: 9.68 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: VX006286.D
 Acq: 04 Dec 2018 18:41

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0483MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	325927		
109	94.6	76.3	114.5	

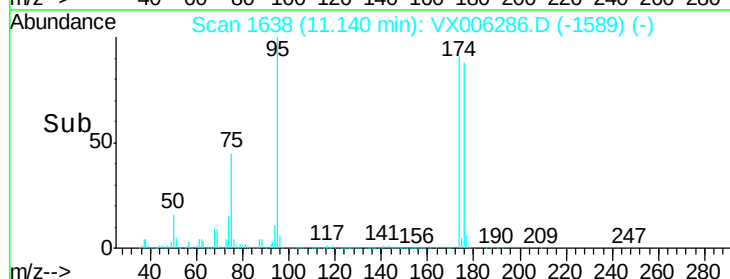
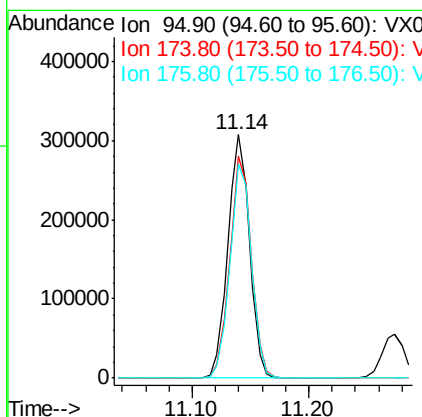
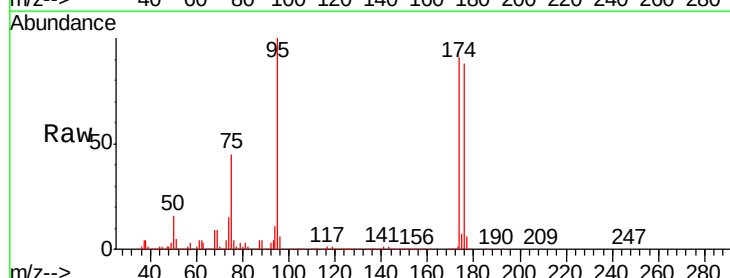
Manual Integrations
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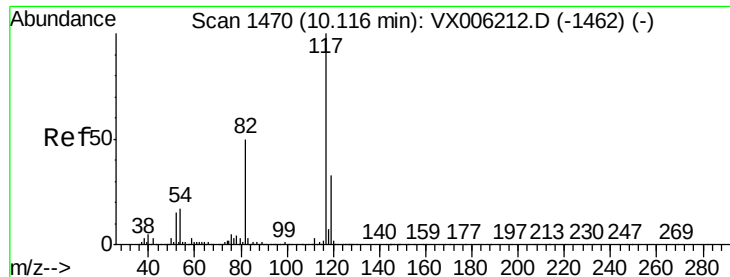
MMDadoda
 12/5/2018 10:12:01 AM



#62
 4-Bromofluorobenzene
 Concen: 50.489 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX006286.D
 Acq: 04 Dec 2018 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	395440		
174	91.3	0.0	187.0	
176	88.3	0.0	181.8	





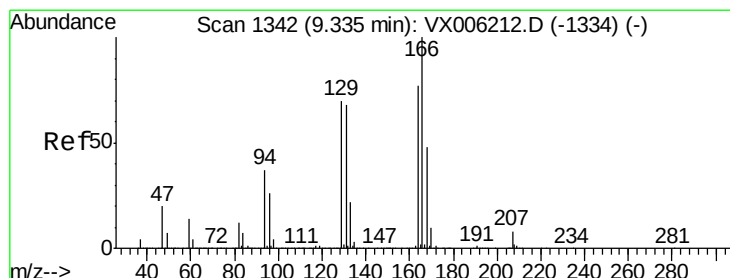
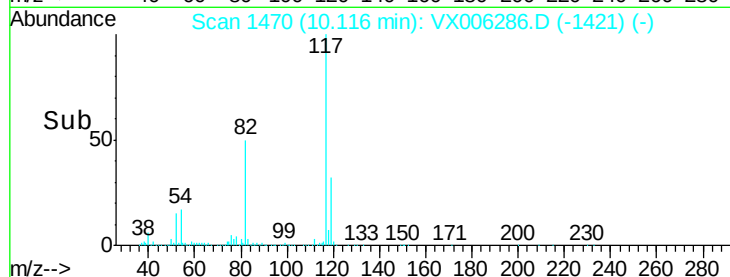
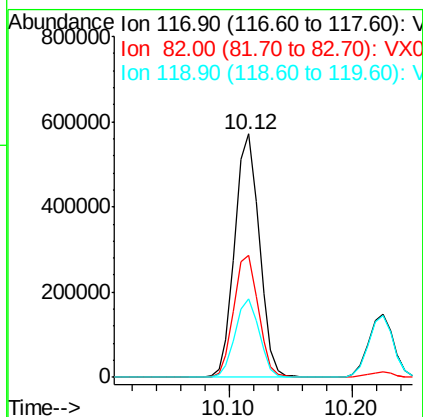
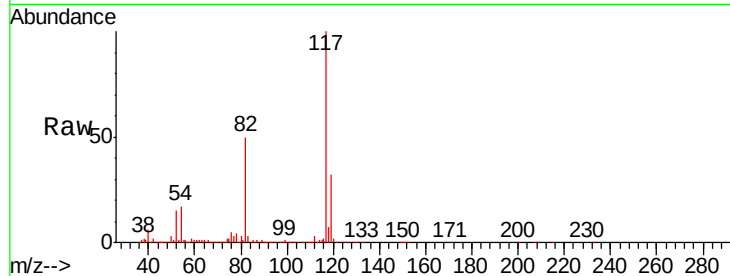
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
S49-0483MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	50.1	39.6	59.4
119	32.5	26.3	39.5

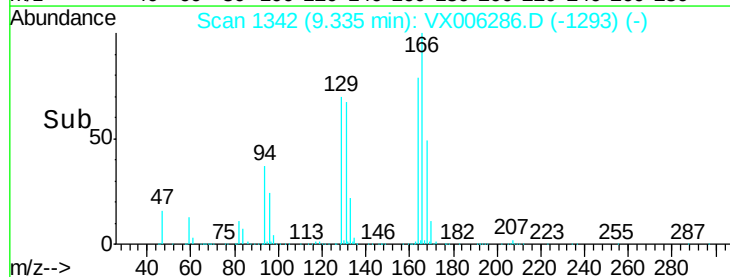
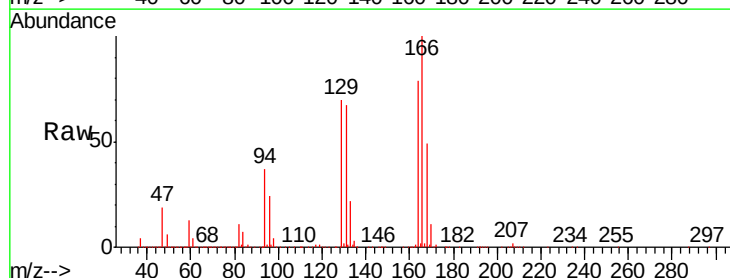
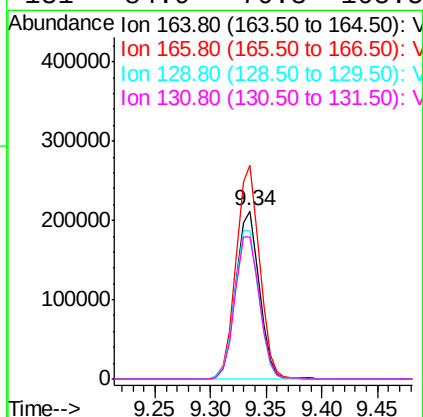
Manual Integrations
APPROVED

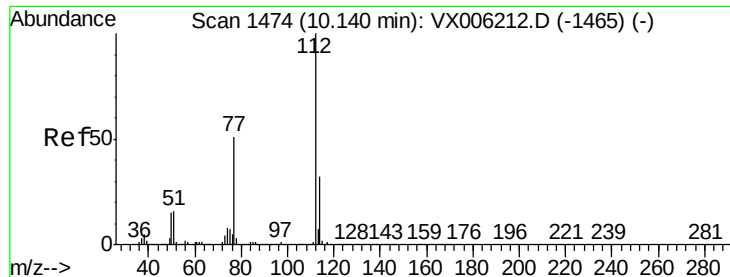
MMDadoda
12/5/2018 10:12:01 AM



#64
Tetrachloroethene
Concen: 51.917 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	127.1	104.2	156.2
129	88.7	72.6	108.8
131	84.9	70.3	105.5





#65

Chlorobenzene

Concen: 49.742 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampled :

S49-0483MS

Tgt Ion:112 Resp: 838282

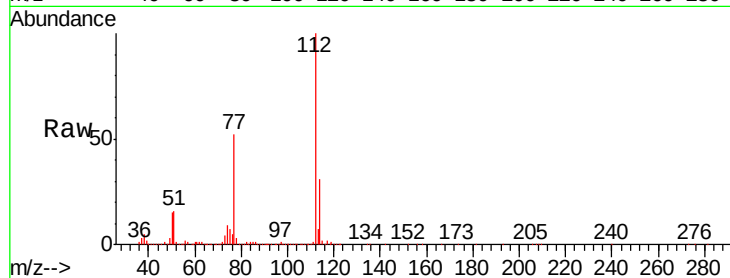
Ion Ratio Lower Upper

112 100

114 31.2 25.4 38.2

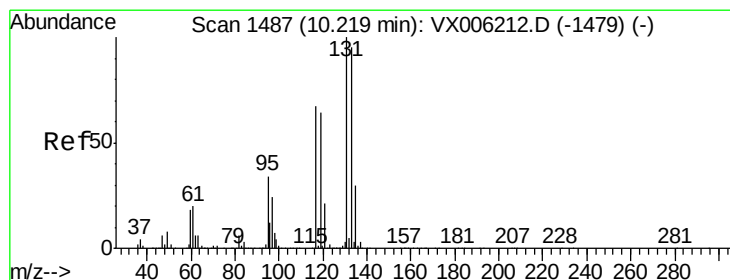
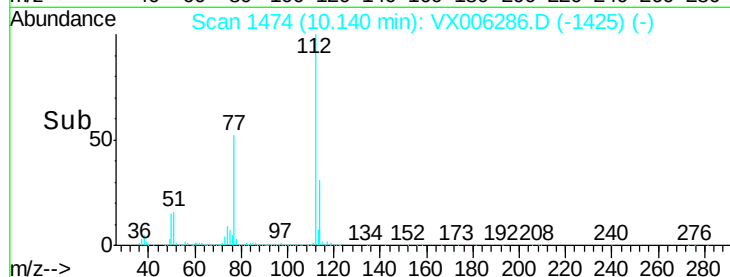
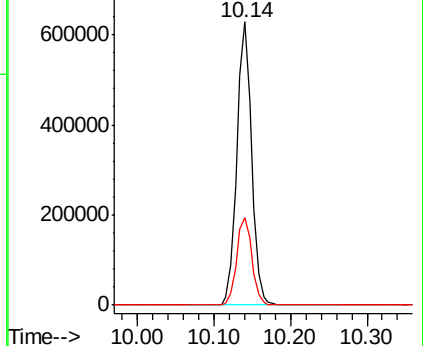
Manual Integrations
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MMDadoda
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.786 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

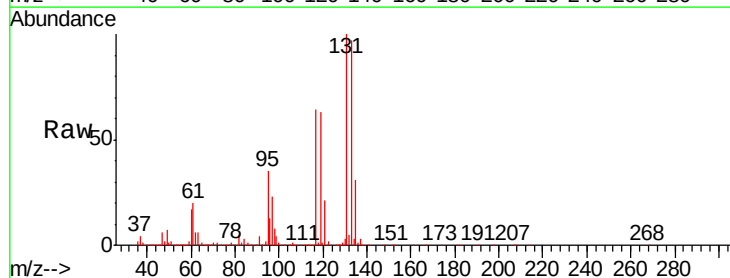
Tgt Ion:131 Resp: 319442

Ion Ratio Lower Upper

131 100

133 96.7 48.1 144.4

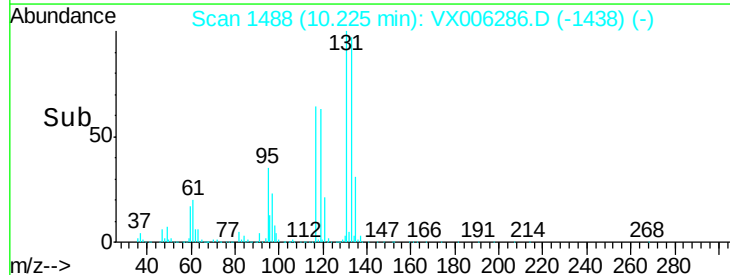
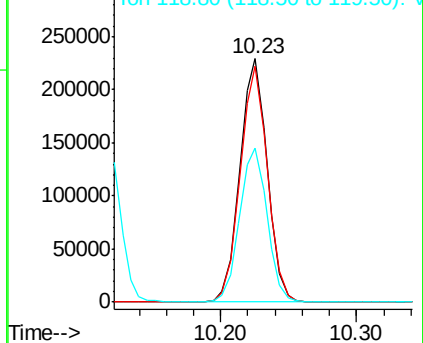
119 64.2 32.1 96.3

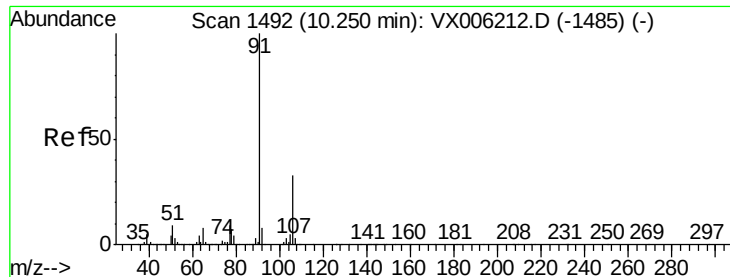


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 48.637 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

S49-0483MS

Tgt Ion: 91 Resp: 1363267

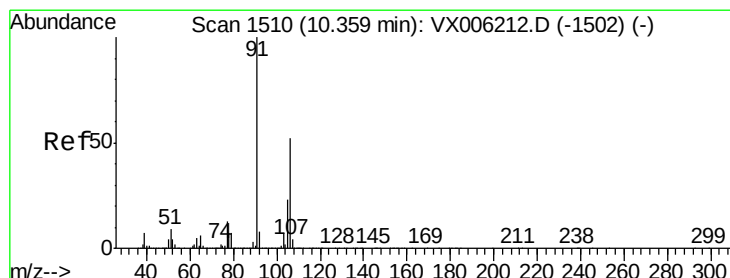
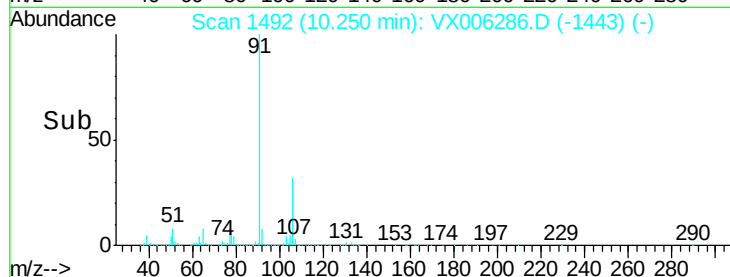
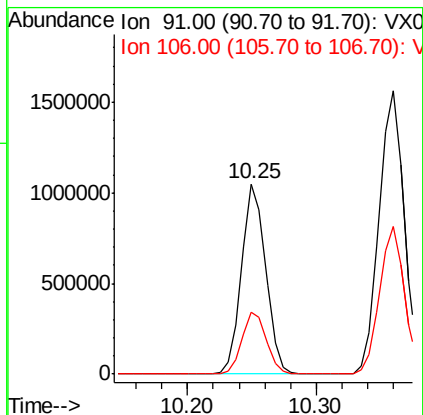
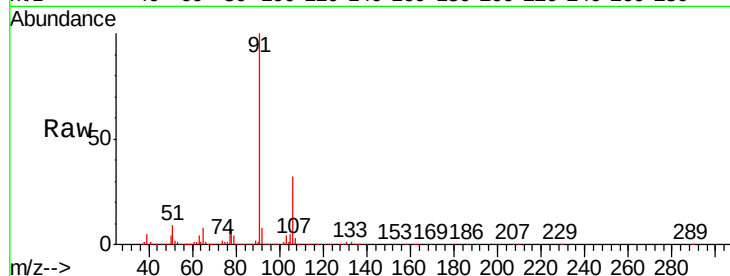
Ion Ratio Lower Upper

91 100

106 32.4 26.5 39.7

Manual Integrations
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#68

m/p-Xylenes

Concen: 96.437 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006286.D

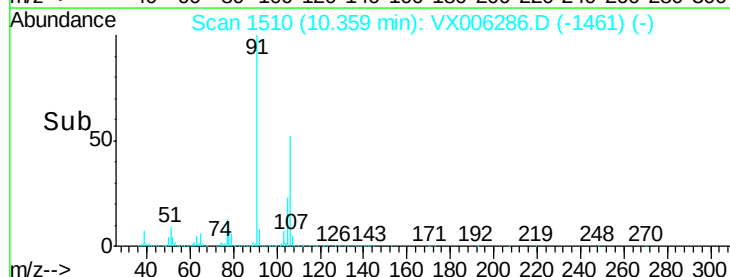
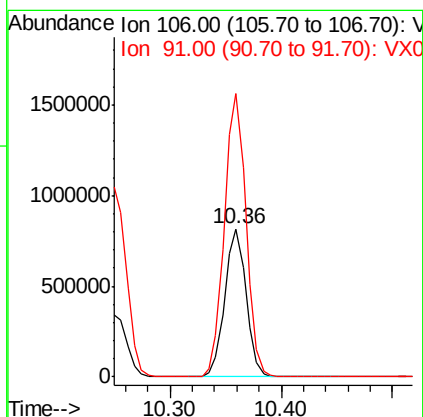
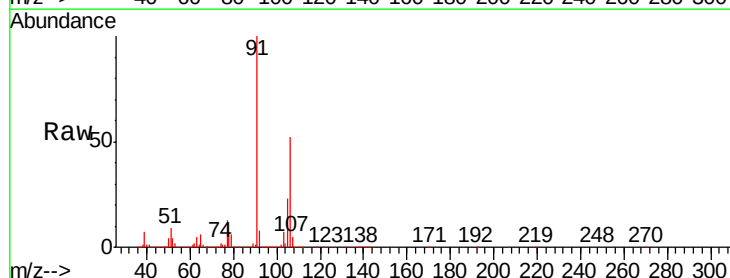
Acq: 04 Dec 2018 18:41

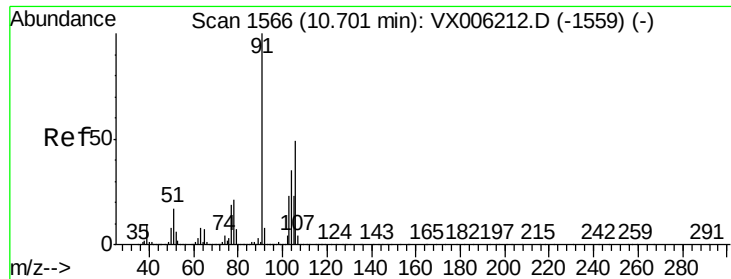
Tgt Ion: 106 Resp: 1082767

Ion Ratio Lower Upper

106 100

91 194.0 155.2 232.8





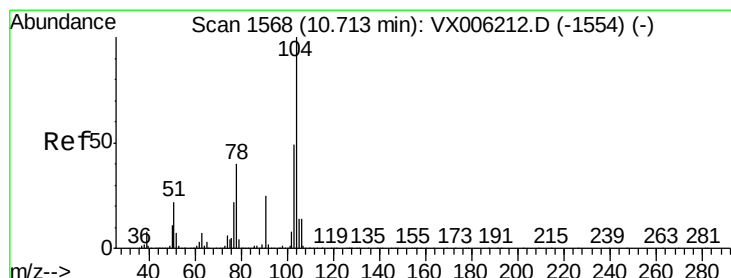
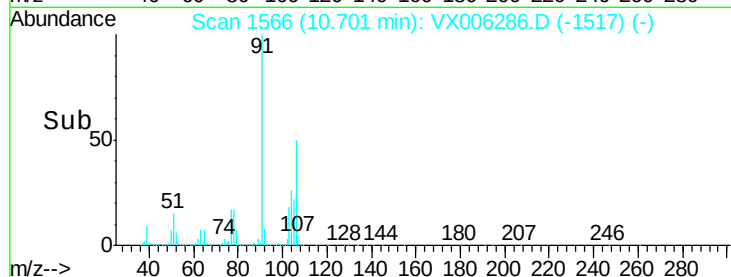
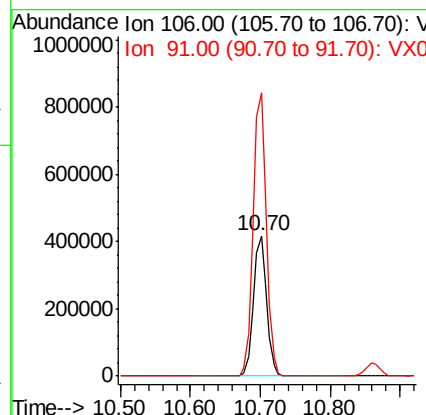
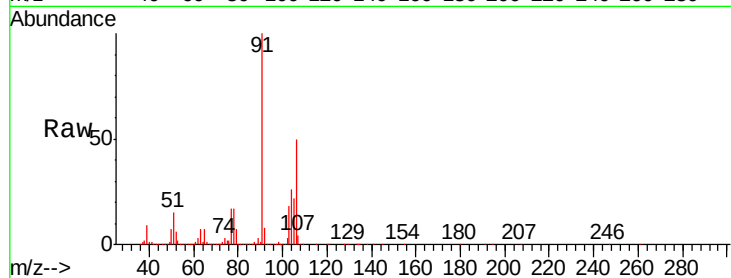
#69
o-Xylene
Concen: 48.898 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
S49-0483MS

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	542292		
91	202.3	101.8	305.6	

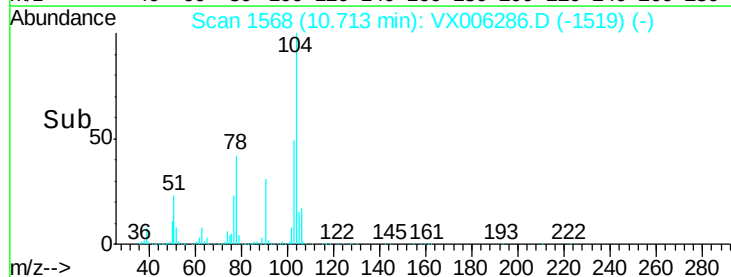
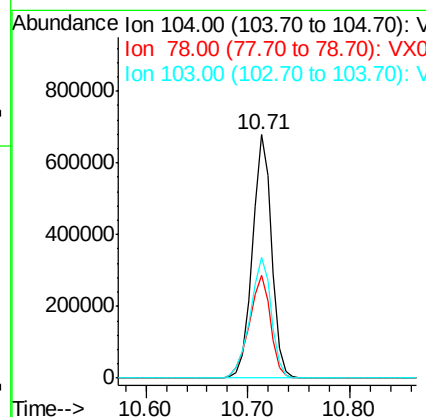
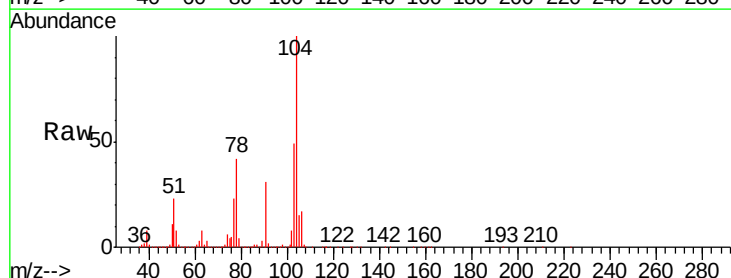
Manual Integrations
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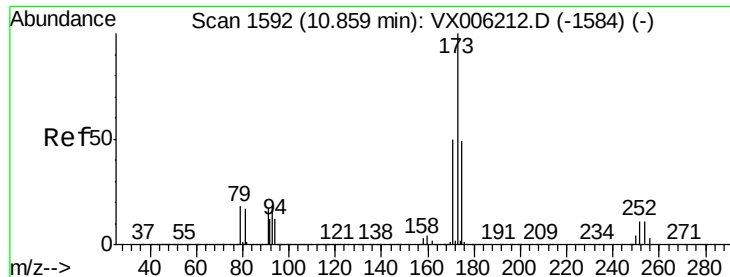
MMDadoda
12/5/2018 10:12:01 AM



#70
Styrene
Concen: 49.517 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	888201		
78	46.9	37.2	55.8	
103	54.8	43.5	65.3	





#71

Bromoform

Concen: 47.325 ug/l

RT: 10.87 min Scan# 1593

Delta R.T. 0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampled :

S49-0483MS

Tgt Ion:173 Resp: 292522

Ion Ratio Lower Upper

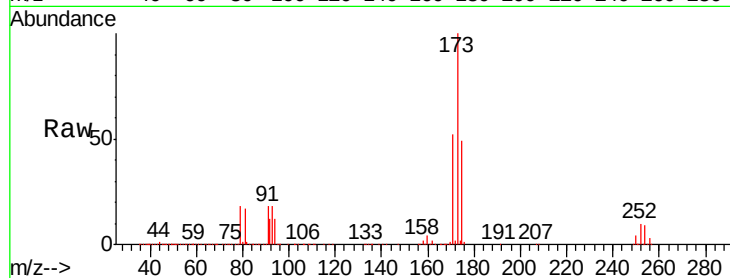
173 100

175 49.3 24.6 73.8

254 0.1 0.2 0.2#

Manual Integrations
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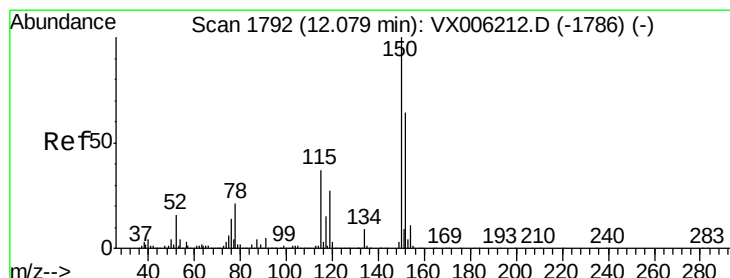
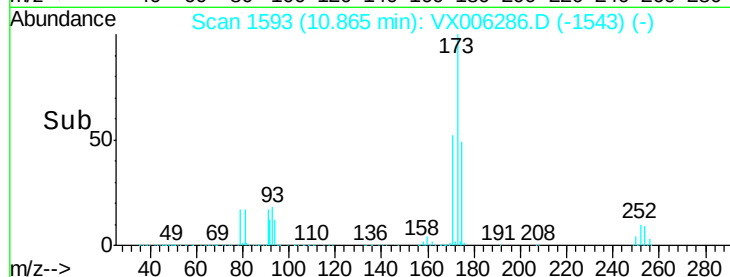
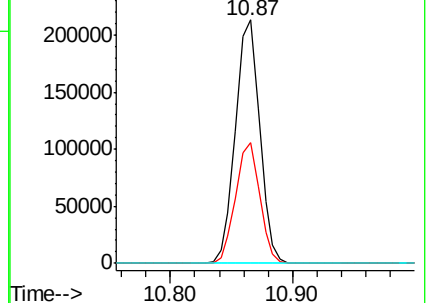
MMDadoda
12/5/2018 10:12:01 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Tgt Ion:152 Resp: 441883

Ion Ratio Lower Upper

152 100

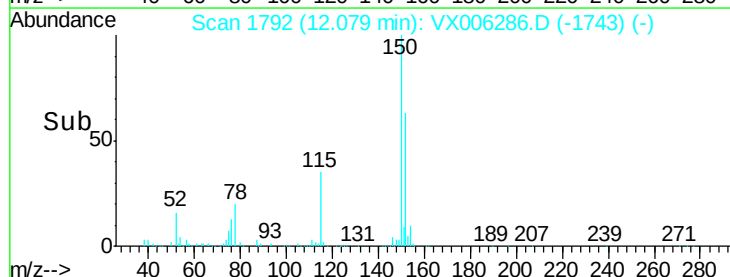
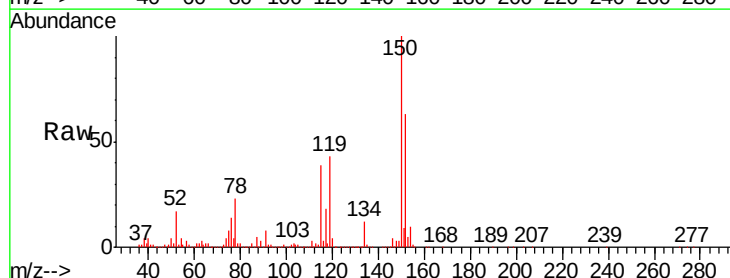
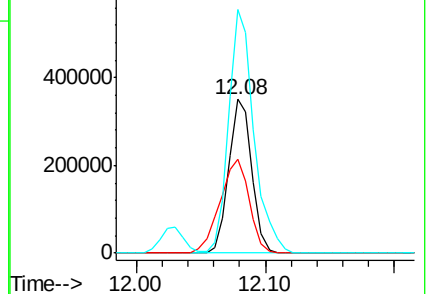
115 77.3 39.0 116.9

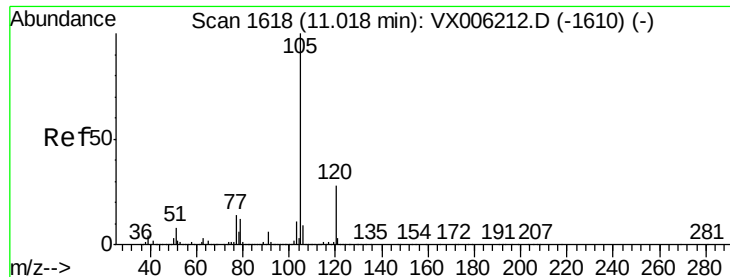
150 172.6 0.0 345.8

Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





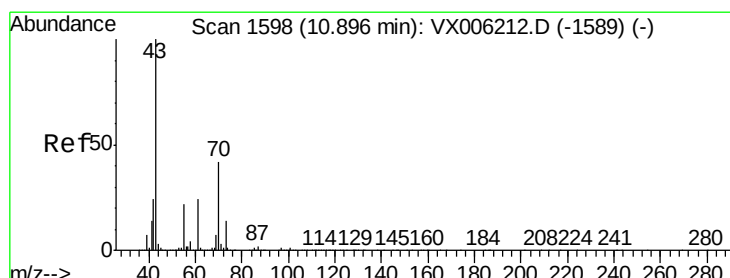
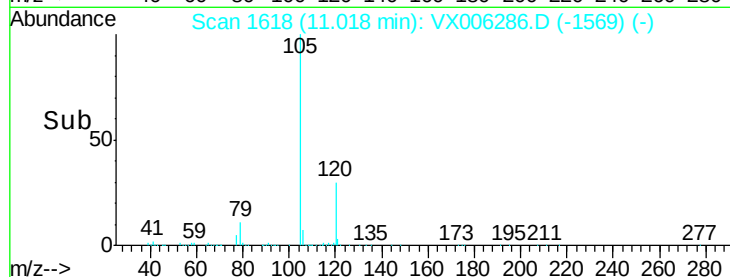
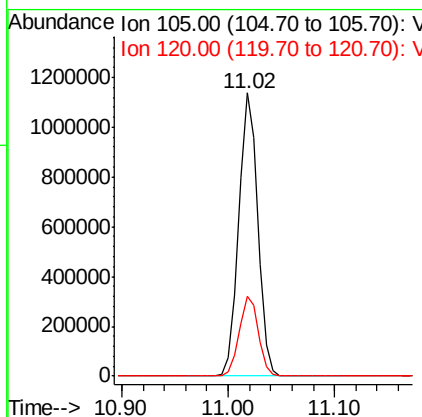
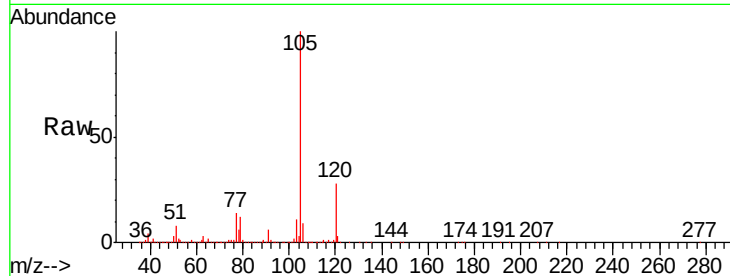
#73
Isopropylbenzene
Concen: 46.938 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
S49-0483MS

Tgt Ion: 105 Resp: 1432360
Ion Ratio Lower Upper
105 100
120 28.3 14.1 42.3

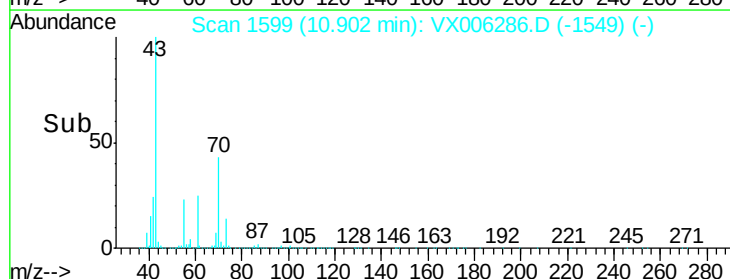
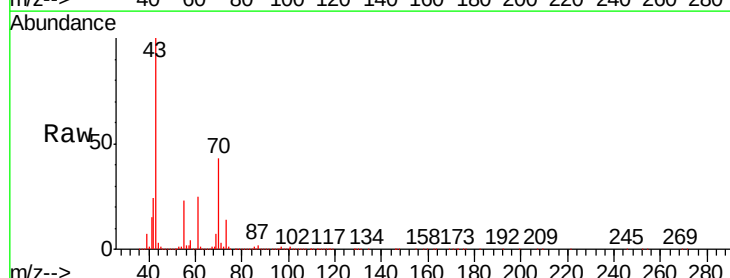
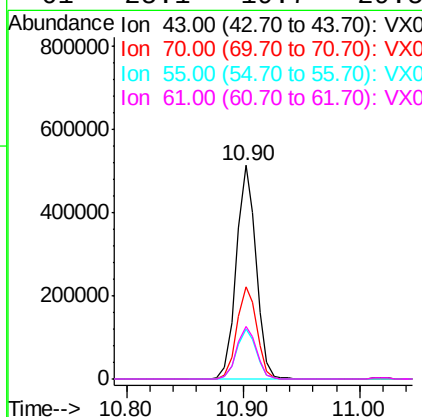
Manual Integrations
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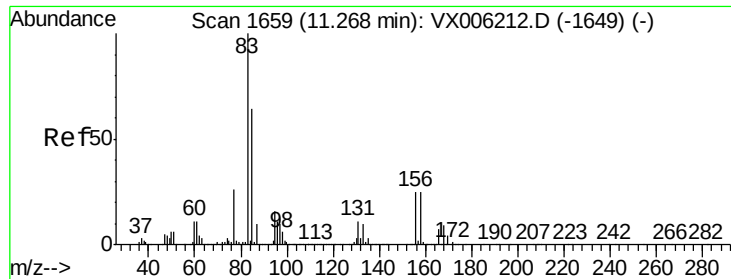
MMDadoda
12/5/2018 10:12:01 AM



#74
N-ethyl acetate
Concen: 46.172 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. 0.01 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Tgt Ion: 43 Resp: 606734
Ion Ratio Lower Upper
43 100
70 44.1 34.1 51.1
55 23.3 17.8 26.8
61 25.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.134 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampleId :

S49-0483MS

Tgt Ion: 83 Resp: 479678

Ion Ratio Lower Upper

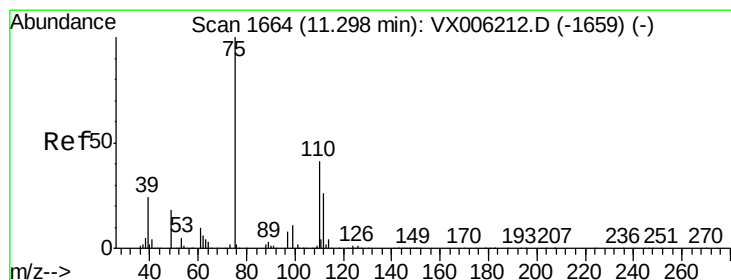
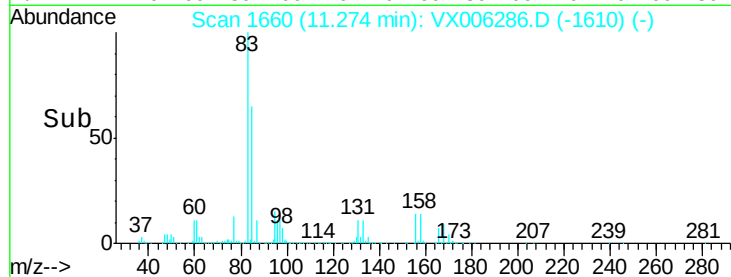
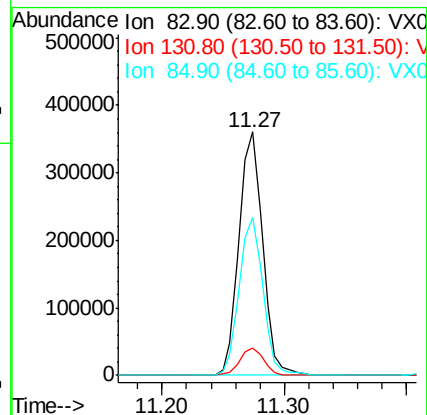
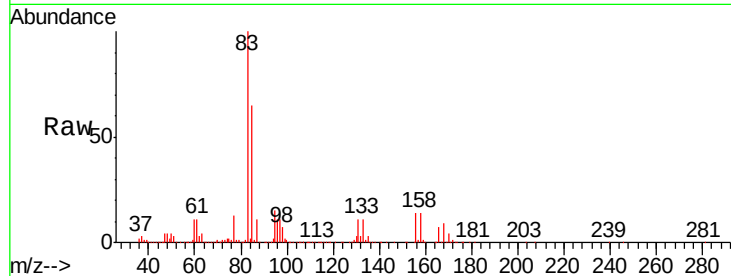
83 100

131 11.4 5.7 17.1

85 65.2 32.1 96.5

Manual Integrations
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MMDadoda
12/5/2018 10:12:01 AM



#76

1,2,3-Trichloropropane

Concen: 54.745 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006286.D

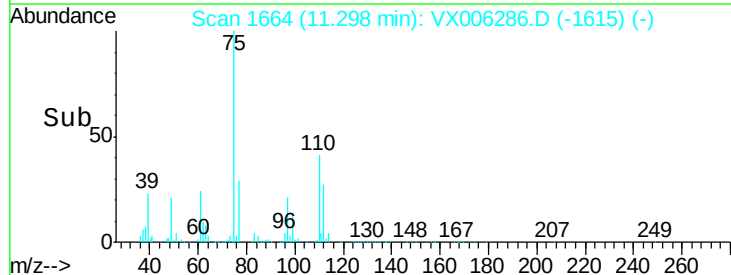
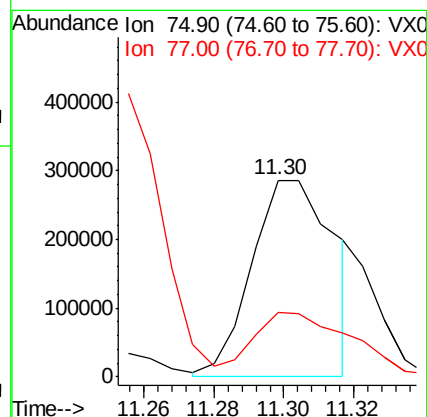
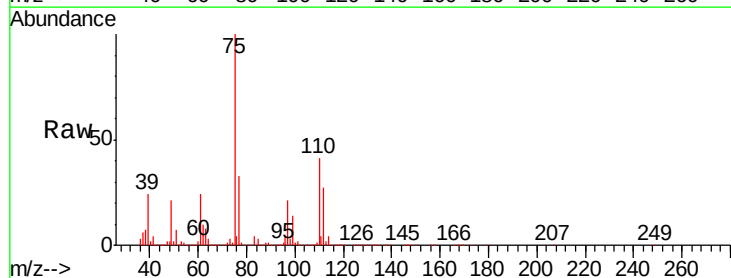
Acq: 04 Dec 2018 18:41

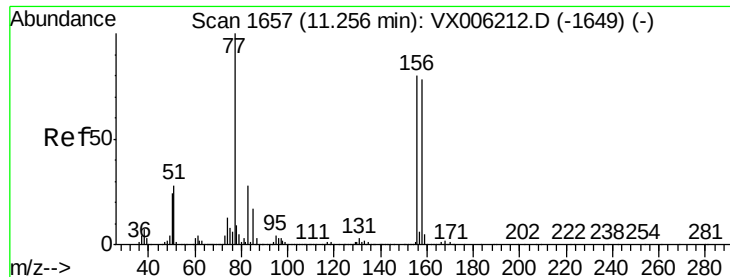
Tgt Ion: 75 Resp: 466922

Ion Ratio Lower Upper

75 100

77 39.4 19.9 59.7





#77

Bromobenzene

Concen: 46.793 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

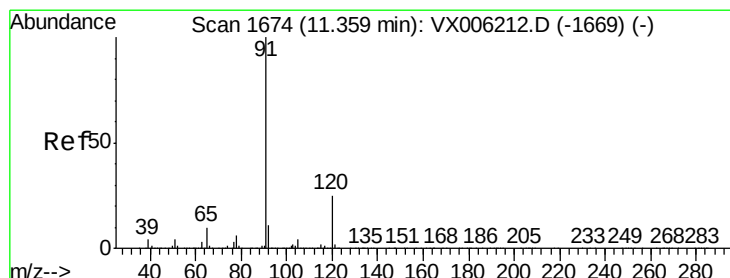
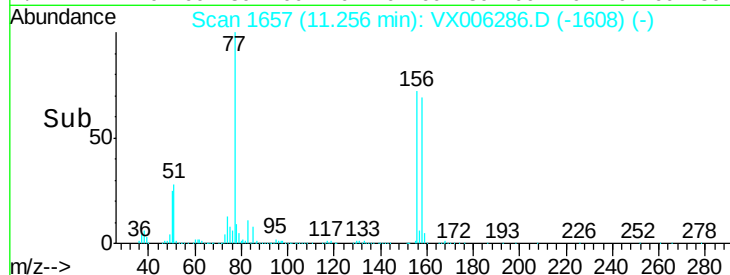
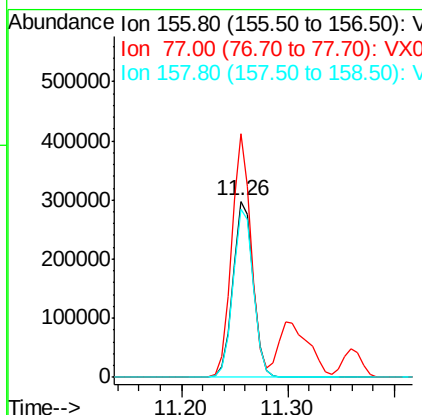
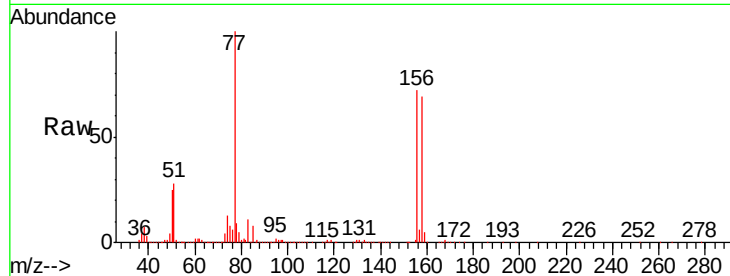
ClientSampled :

S49-0483MS

Tgt Ion:	156	Resp:	396275
Ion Ratio	Lower	Upper	
156	100		
77	132.5	66.2	198.6
158	96.1	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 47.282 ug/l

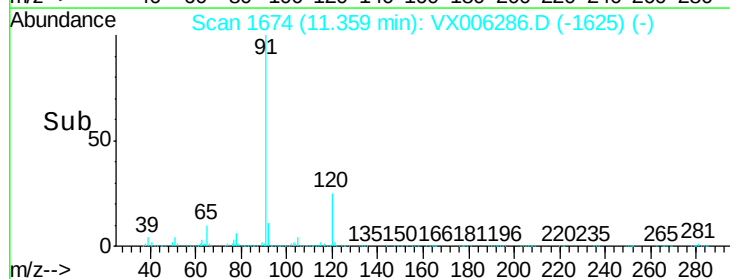
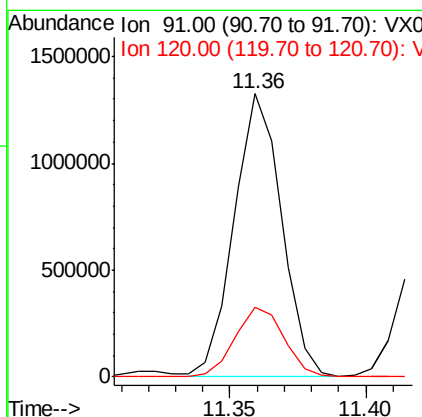
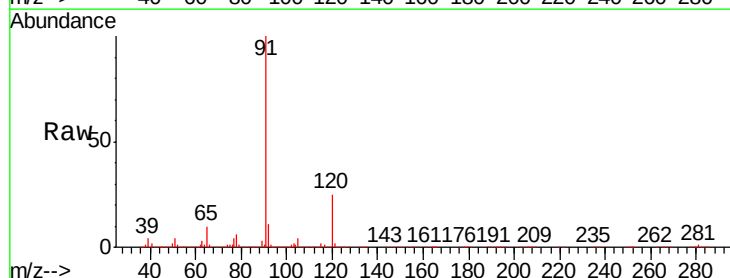
RT: 11.36 min Scan# 1674

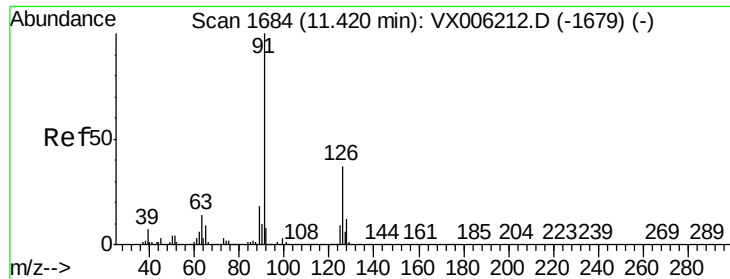
Delta R.T. 0.00 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Tgt Ion:	91	Resp:	1603873
Ion Ratio	Lower	Upper	
91	100		
120	25.2	12.7	38.0





#79

2-Chlorotoluene

Concen: 47.034 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampled :

S49-0483MS

Tgt Ion: 91 Resp: 948272

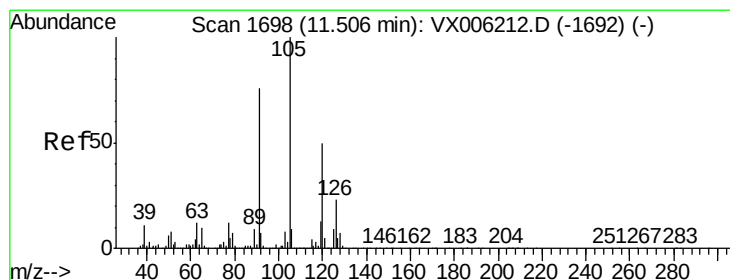
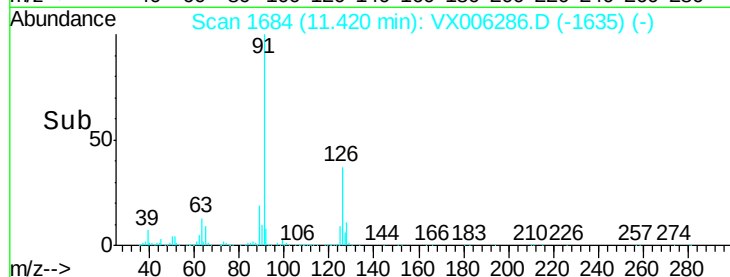
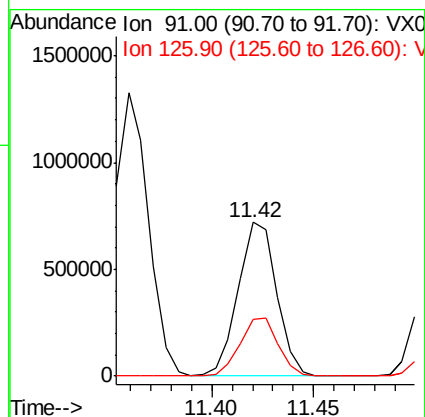
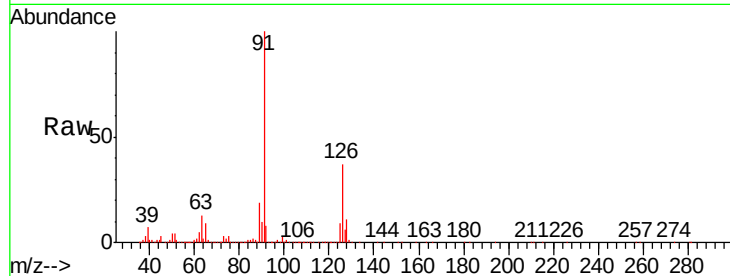
Ion Ratio Lower Upper

91 100

126 37.5 18.6 56.0

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#80

1,3,5-Trimethylbenzene

Concen: 47.177 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006286.D

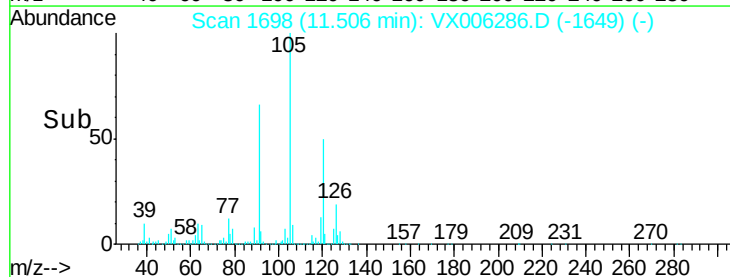
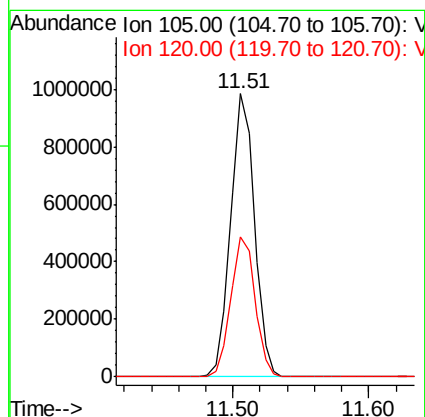
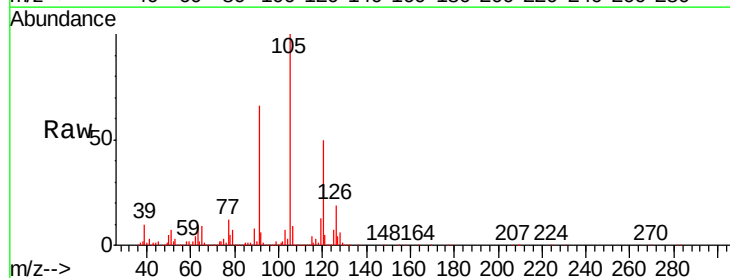
Acq: 04 Dec 2018 18:41

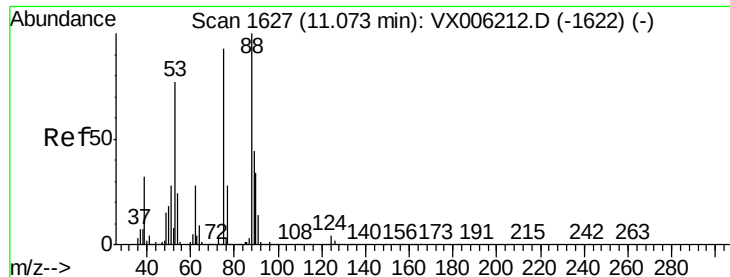
Tgt Ion: 105 Resp: 1197819

Ion Ratio Lower Upper

105 100

120 50.3 25.4 76.0





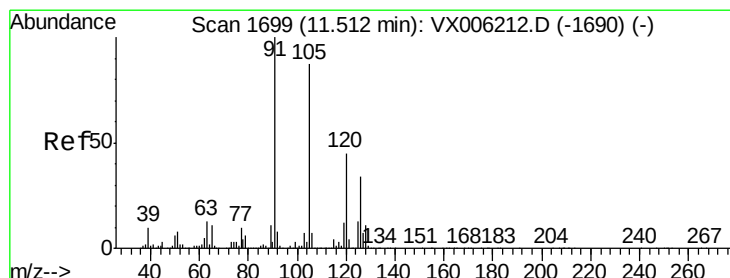
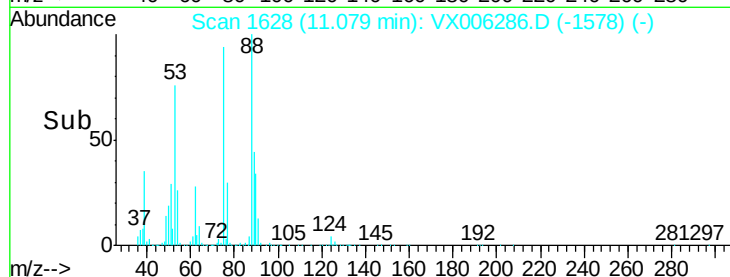
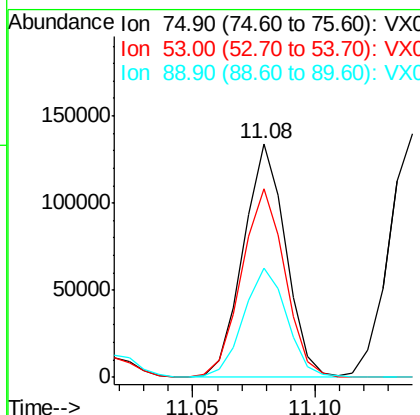
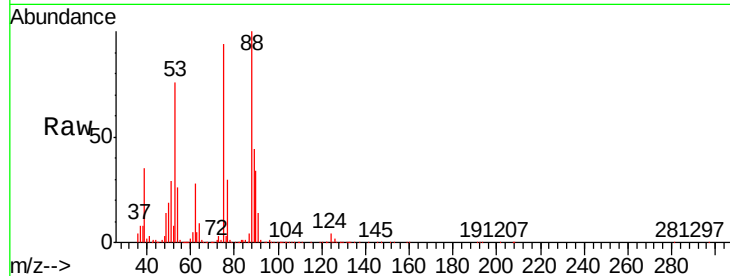
#81
trans-1,4-Dichloro-2-butene
Concen: 44.589 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. 0.01 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
S49-0483MS

Tgt Ion	Ratio	Lower	Upper
75	100		
53	82.1	64.4	96.6
89	48.1	44.2	66.4

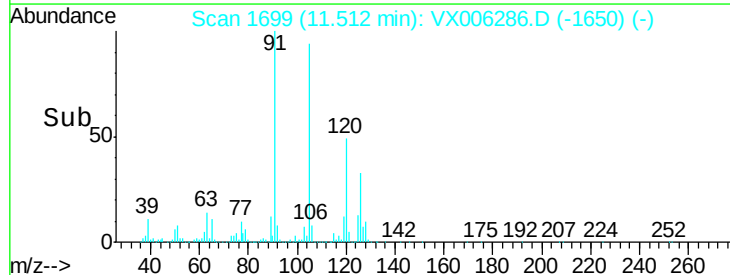
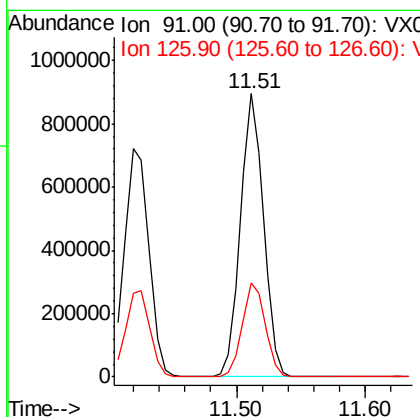
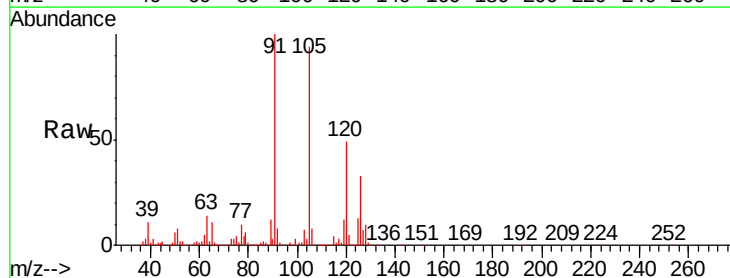
Manual Integrations
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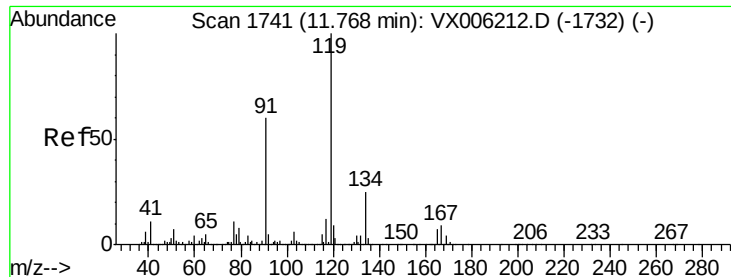
MMDadoda
12/5/2018 10:12:01 AM



#82
4-Chlorotoluene
Concen: 47.452 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.4	49.4





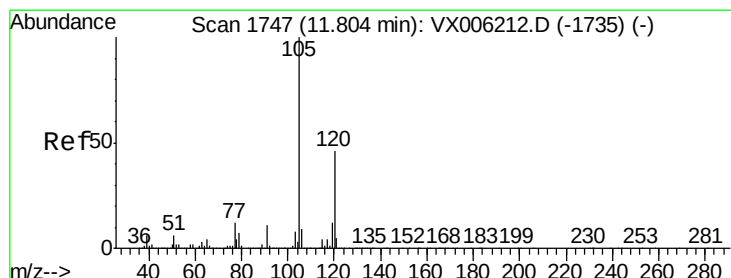
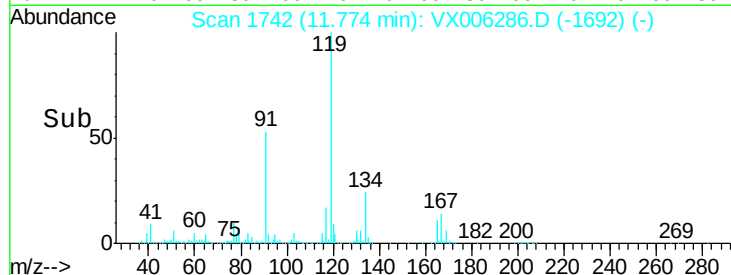
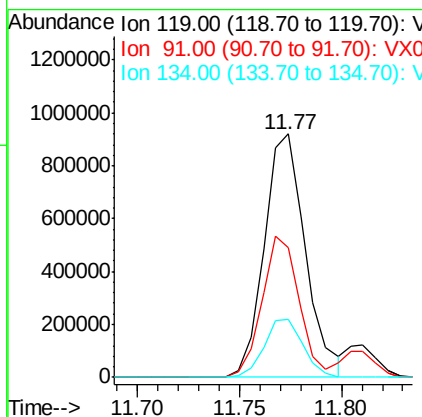
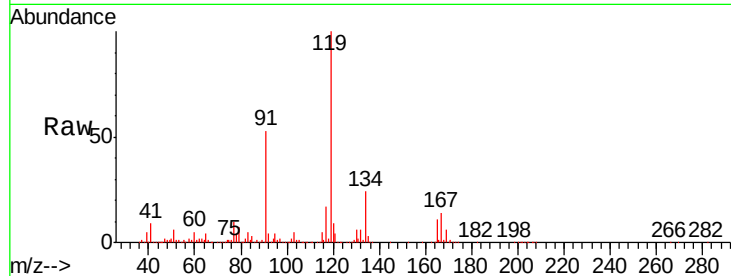
#83
 tert-Butylbenzene
 Concen: 47.666 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX006286.D
 Acq: 04 Dec 2018 18:41

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0483MS

Tgt Ion	Ratio	Lower	Upper
119	100		
91	52.3	26.4	79.2
134	22.9	11.6	34.7

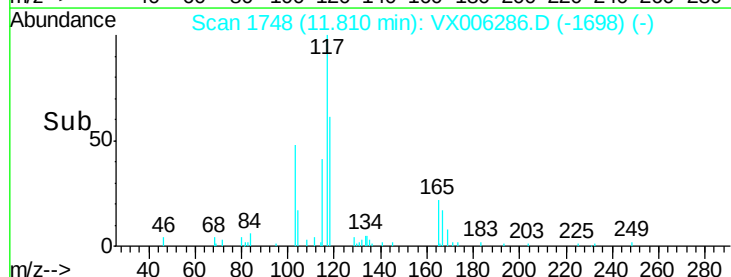
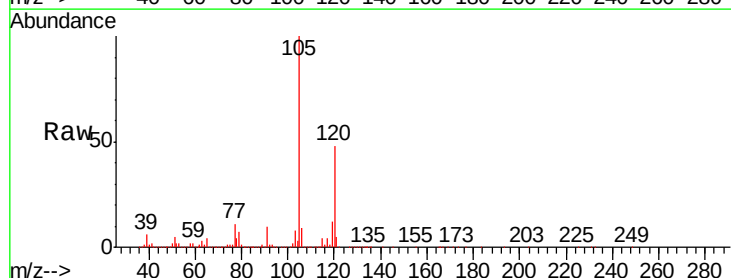
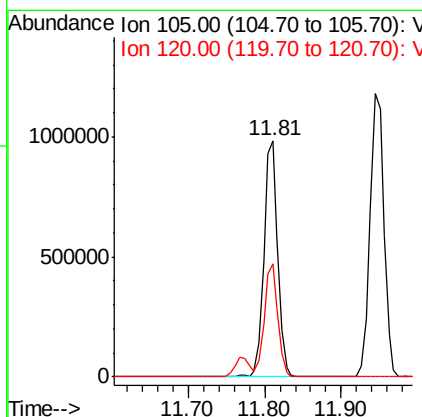
Manual Integrations
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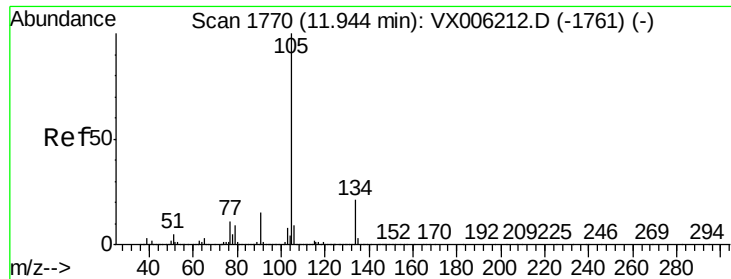
MMDadoda
 12/5/2018 10:12:01 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 47.550 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006286.D
 Acq: 04 Dec 2018 18:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.4	70.0





#85

sec-Butylbenzene

Concen: 48.525 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

ClientSampled :

S49-0483MS

Tgt Ion:105 Resp: 1495485

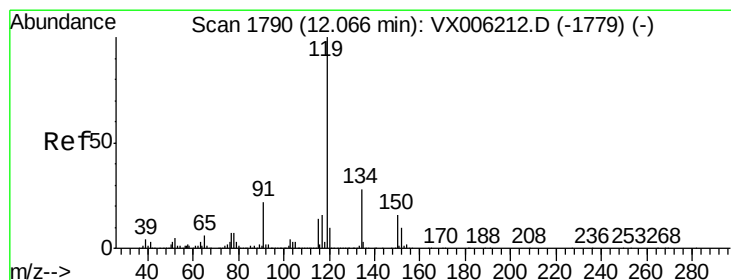
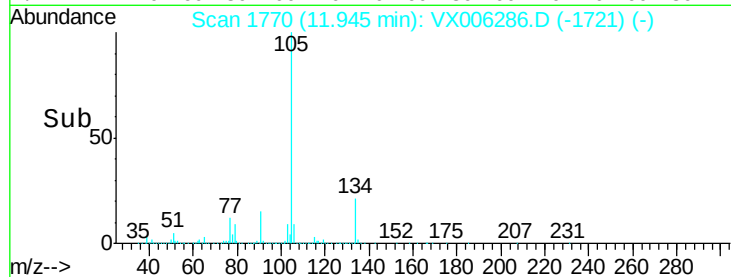
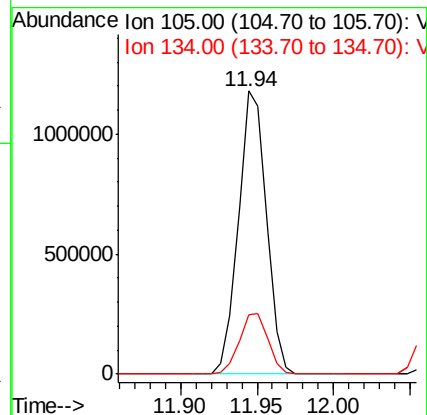
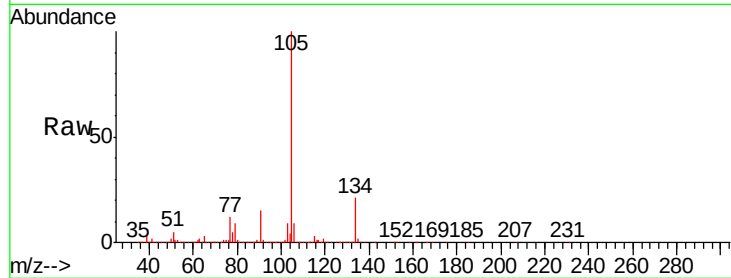
Ion Ratio Lower Upper

105 100

134 21.8 10.8 32.4

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 48.898 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

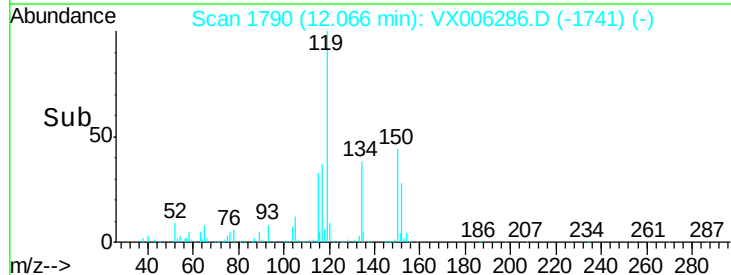
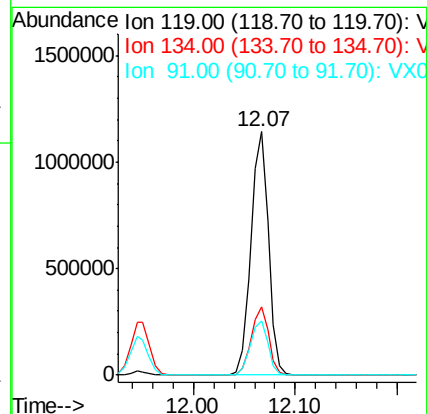
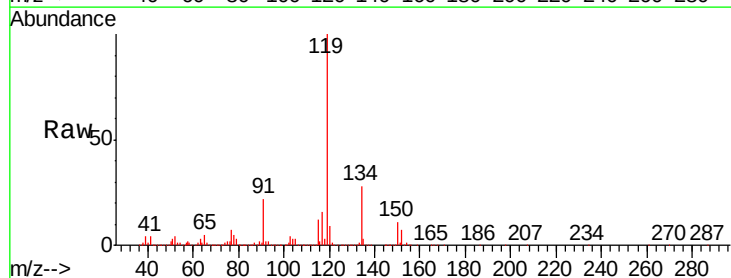
Tgt Ion:119 Resp: 1356986

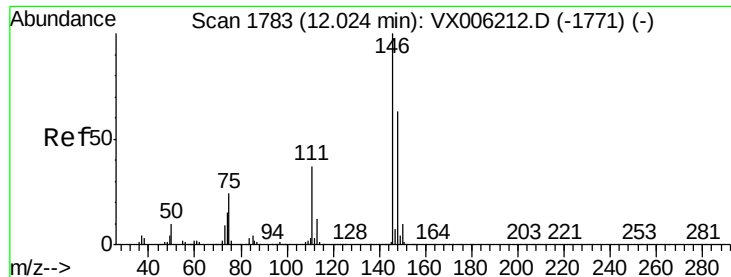
Ion Ratio Lower Upper

119 100

134 27.8 13.9 41.6

91 22.5 11.3 33.8





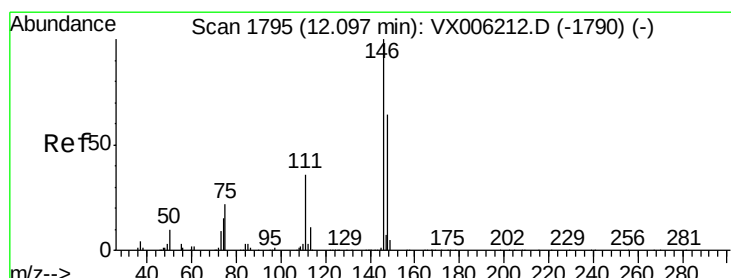
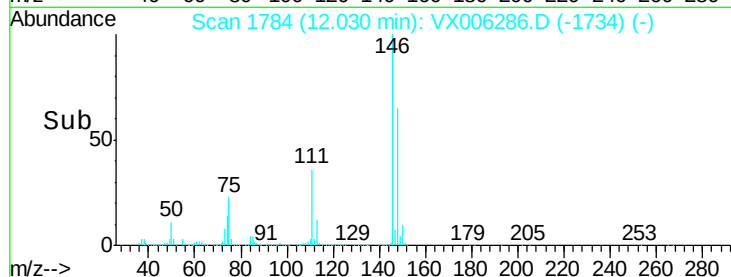
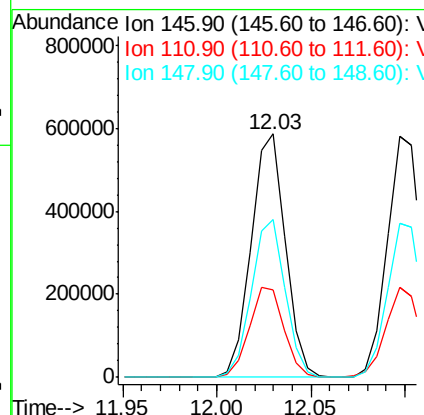
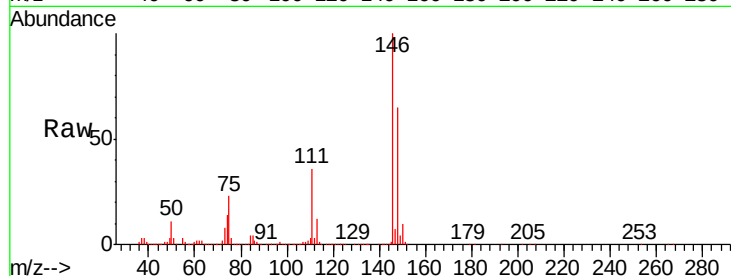
#87
 1,3-Dichlorobenzene
 Concen: 48.939 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: VX006286.D
 Acq: 04 Dec 2018 18:41

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0483MS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	737452		
111	37.5	18.4	55.2	
148	64.1	32.0	96.0	

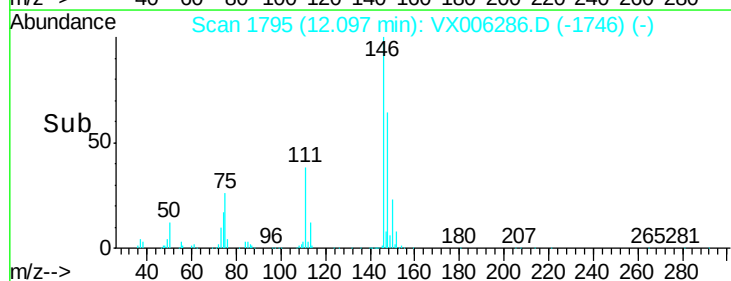
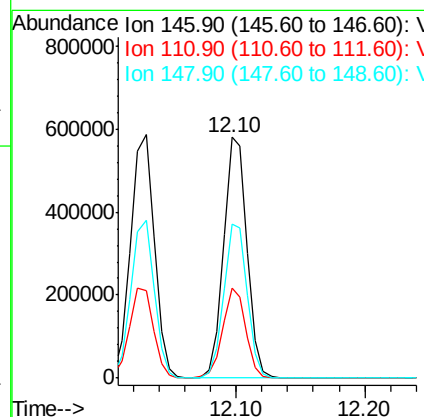
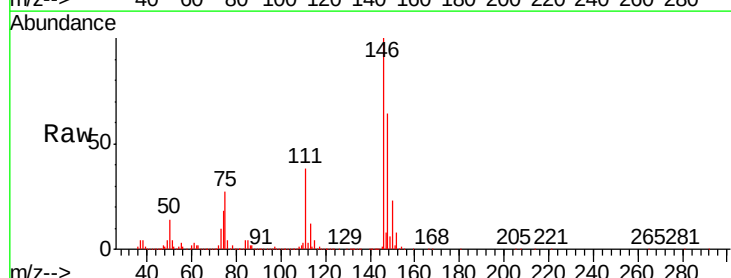
Manual Integrations
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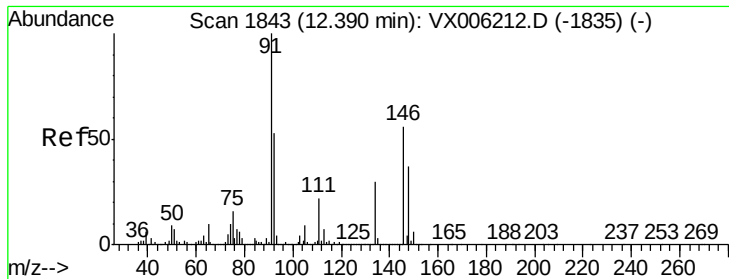
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#88
 1,4-Dichlorobenzene
 Concen: 48.513 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006286.D
 Acq: 04 Dec 2018 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	741982		
111	36.8	18.3	54.8	
148	64.3	31.9	95.9	





#89

n-Butylbenzene

Concen: 50.044 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Instrument :

MSVOA_X

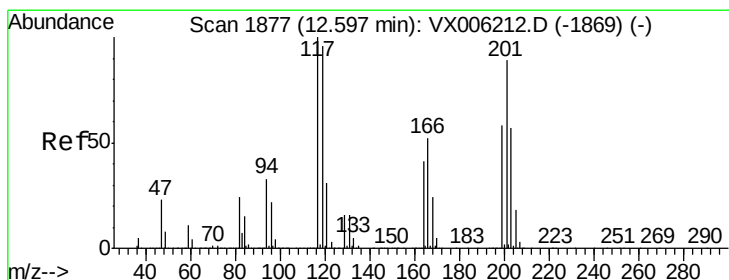
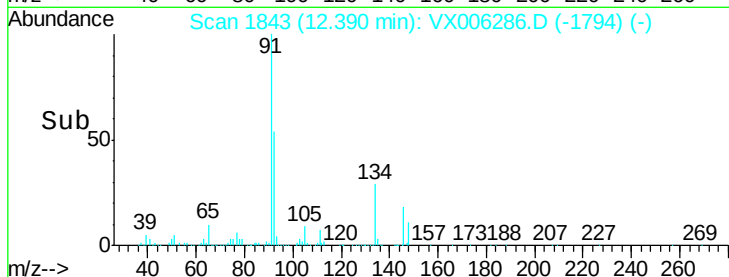
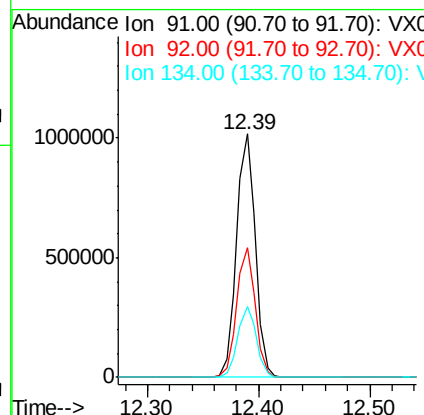
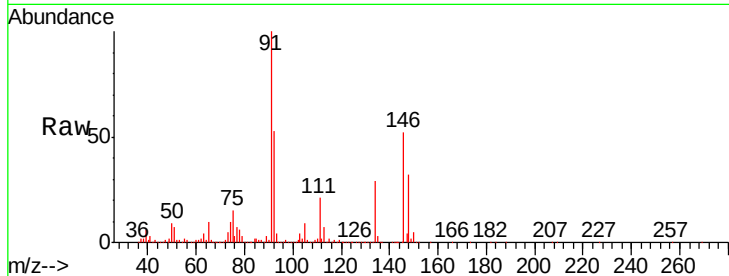
ClientSampleId :

S49-0483MS

Tgt Ion:	91	Resp:	1184971
Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.6	79.8
134	28.9	14.8	44.3

Manual Integrations
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#90

Hexachloroethane

Concen: 46.853 ug/l

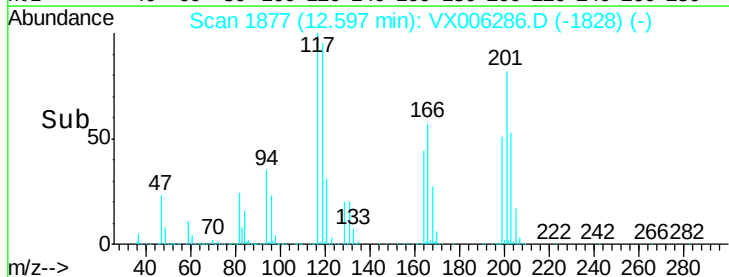
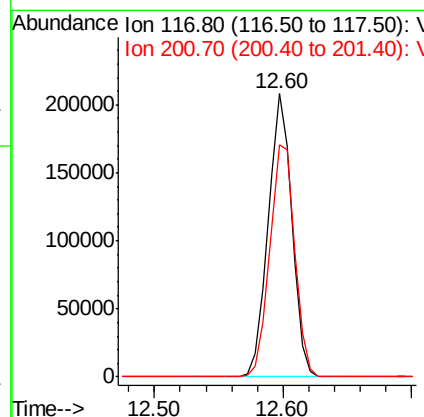
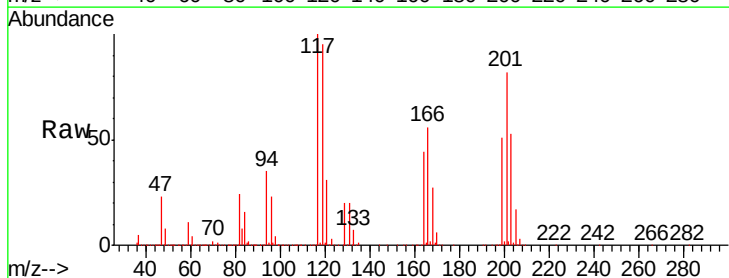
RT: 12.60 min Scan# 1877

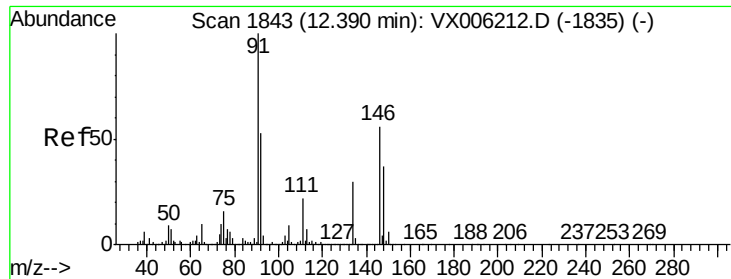
Delta R.T. 0.00 min

Lab File: VX006286.D

Acq: 04 Dec 2018 18:41

Tgt Ion:	117	Resp:	265001
Ion	Ratio	Lower	Upper
117	100		
201	86.8	44.7	134.1





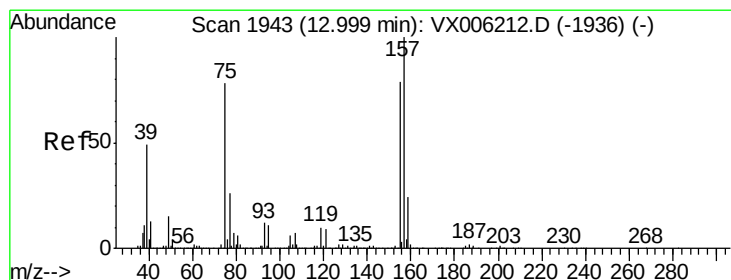
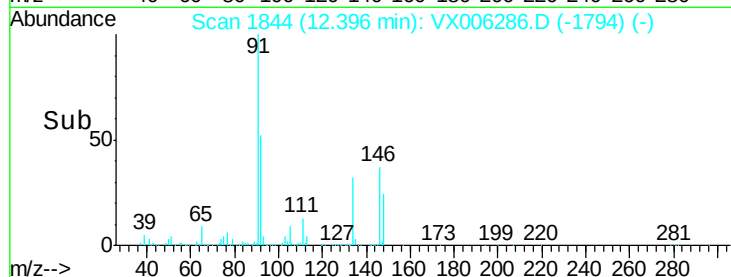
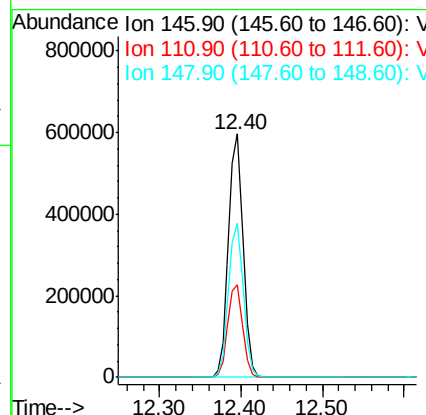
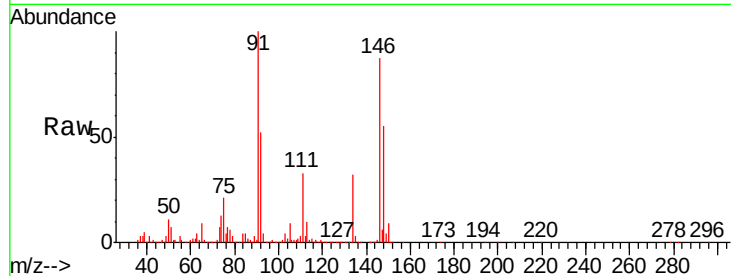
#91
 1,2-Dichlorobenzene
 Concen: 49.815 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: VX006286.D
 Acq: 04 Dec 2018 18:41

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0483MS

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.3
148	63.7	32.1	96.3

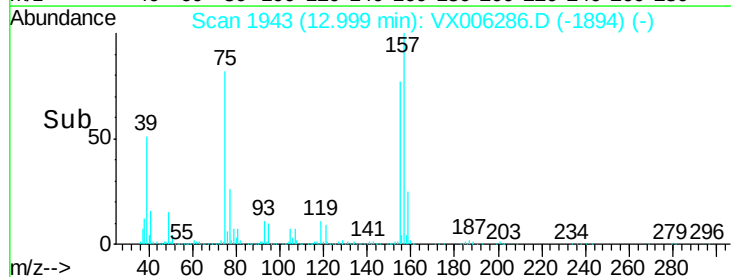
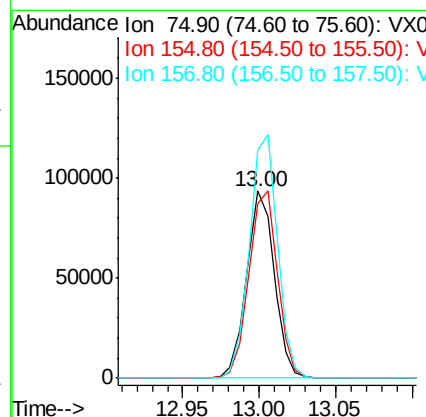
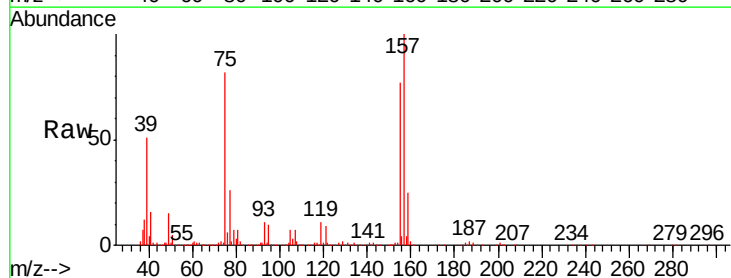
Manual Integrations
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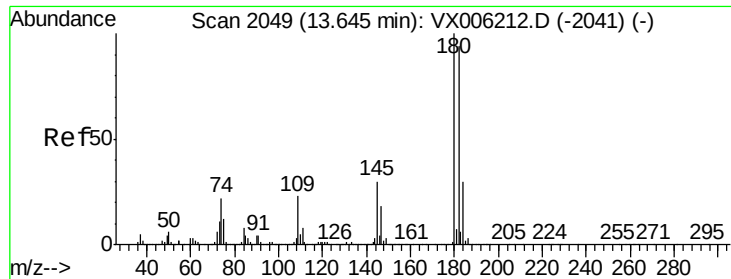
MMDadoda
 12/5/2018 10:12:01 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.025 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006286.D
 Acq: 04 Dec 2018 18:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.9	53.4	160.3
157	132.1	68.0	203.8





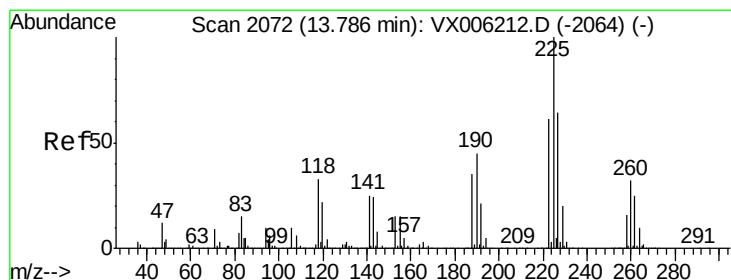
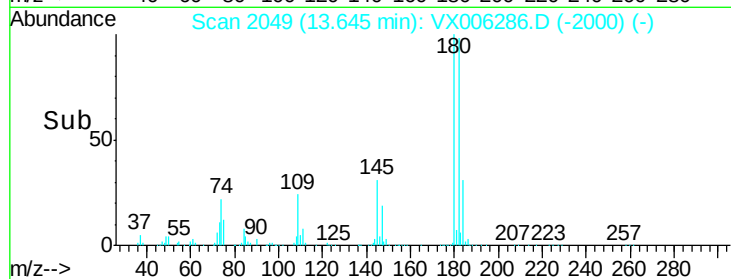
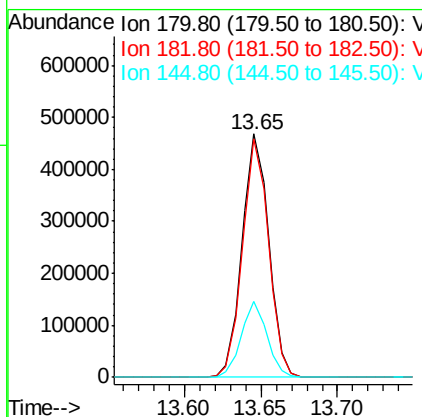
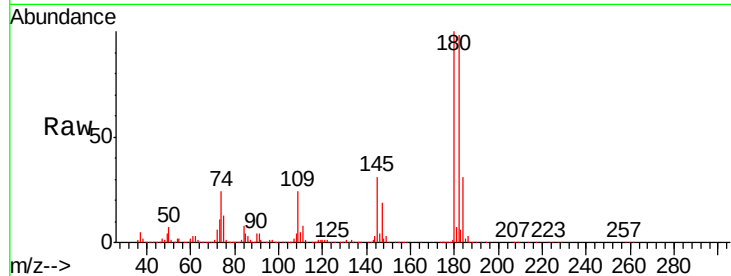
#93
 1,2,4-Trichlorobenzene
 Concen: 51.679 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006286.D
 Acq: 04 Dec 2018 18:41

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0483MS

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	563862		
182	96.3	47.3	141.9	
145	30.2	14.6	43.8	

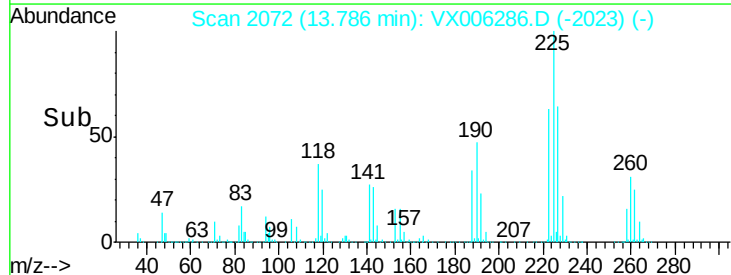
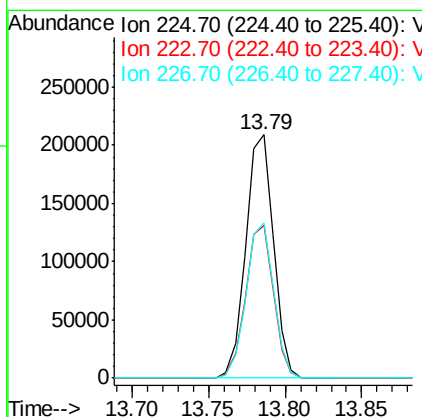
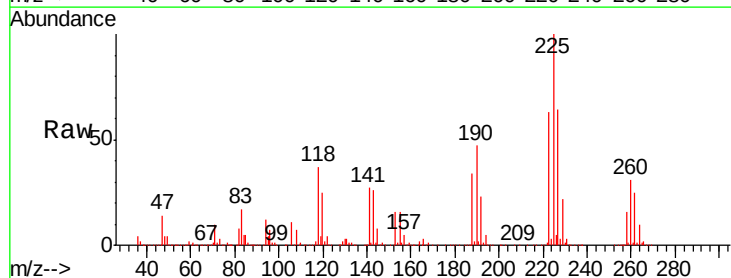
Manual Integrations
 APPROVED

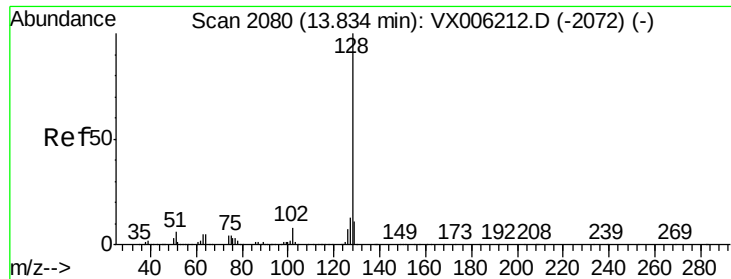
MMDadoda
 12/5/2018 10:12:01 AM



#94
 Hexachlorobutadiene
 Concen: 54.534 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX006286.D
 Acq: 04 Dec 2018 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	263140		
223	63.0	31.2	93.6	
227	63.3	31.9	95.5	





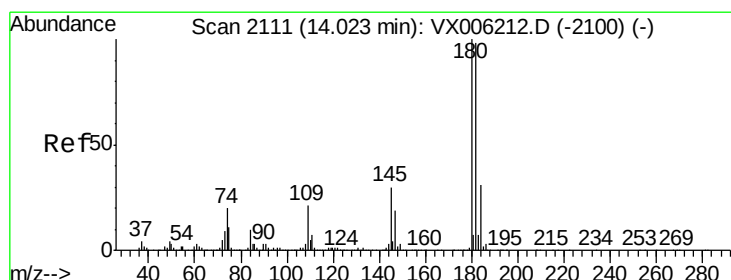
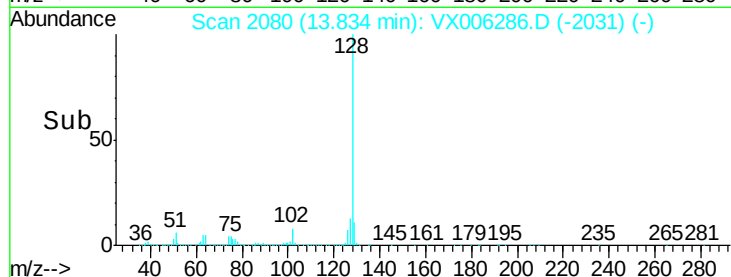
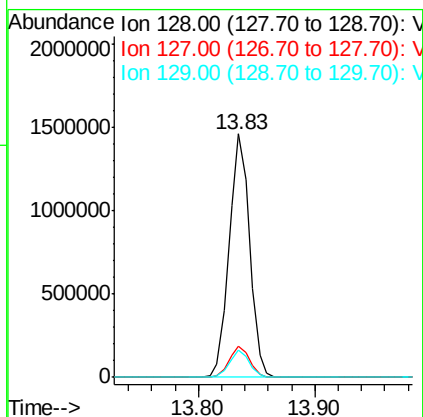
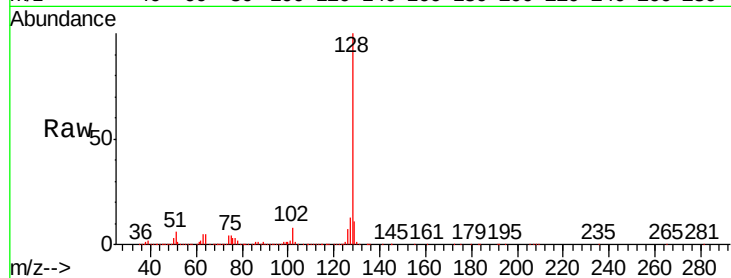
#95
Naphthalene
Concen: 52.536 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Instrument :
MSVOA_X
ClientSampleId :
S49-0483MS

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.9	8.9	13.3

Manual Integrations
APPROVED

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12/5/2018 10:12:01 AM



#96
1,2,3-Trichlorobenzene
Concen: 53.717 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX006286.D
Acq: 04 Dec 2018 18:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.4	145.2
145	31.5	15.6	46.8

