

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005628.D
 Acq On : 27 Oct 2018 02:28
 Operator : JC/MD
 Sample : VX1026WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/29/2018 12:41:51 PM

Quant Time: Oct 27 06:34:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	222396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	333616	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	291555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162039	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	133854	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
35) Dibromofluoromethane	5.50	113	103433	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.58%	
50) Toluene-d8	8.71	98	382764	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
62) 4-Bromofluorobenzene	11.14	95	142076	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.70%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	59259	26.995	ug/l	99
3) Chloromethane	1.32	50	66745	23.876	ug/l	91
4) Vinyl Chloride	1.40	62	58630	21.329	ug/l	98
5) Bromomethane	1.64	94	35320	20.650	ug/l	97
6) Chloroethane	1.72	64	35376	20.146	ug/l	94
7) Trichlorofluoromethane	1.93	101	79213	20.739	ug/l	86
8) Diethyl Ether	2.19	74	30632	20.096	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	44511	20.311	ug/l	99
10) Methyl Iodide	2.51	142	44805	21.235	ug/l	100
11) Tert butyl alcohol	3.06	59	77576	106.190	ug/l	99
12) 1,1-Dichloroethene	2.37	96	44039	21.095	ug/l	91
13) Acrolein	2.29	56	34886	93.615	ug/l	99
14) Allyl chloride	2.73	41	92156	19.780	ug/l	98
15) Acrylonitrile	3.15	53	165064	100.763	ug/l	98
16) Acetone	2.45	43	153460	106.976	ug/l	100
17) Carbon Disulfide	2.57	76	128539	20.198	ug/l	97
18) Methyl Acetate	2.78	43	81059	22.056	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	154345	20.726	ug/l	94
20) Methylene Chloride	2.86	84	48788	20.307	ug/l #	82
21) trans-1,2-Dichloroethene	3.16	96	46193	20.266	ug/l	89
22) Diisopropyl ether	3.87	45	170406	20.944	ug/l	90
23) Vinyl Acetate	3.82	43	732747	102.258	ug/l	100
24) 1,1-Dichloroethane	3.69	63	91739	20.739	ug/l	98
25) 2-Butanone	4.70	43	232226	106.307	ug/l	95
26) 2,2-Dichloropropane	4.59	77	53065	15.538	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	48933	19.913	ug/l	97
28) Bromochloromethane	5.02	49	45114	21.086	ug/l	96
29) Tetrahydrofuran	5.15	42	148650	104.564	ug/l	99
30) Chloroform	5.22	83	84435	20.406	ug/l	95
31) Cyclohexane	5.59	56	74280	20.295	ug/l	87
32) 1,1,1-Trichloroethane	5.50	97	72848	19.947	ug/l	99
36) 1,1-Dichloropropene	5.80	75	58212	17.980	ug/l	98
37) Ethyl Acetate	4.85	43	83547	20.222	ug/l	100
38) Carbon Tetrachloride	5.78	117	63746	18.694	ug/l	88

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Manual Integrations
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 10/29/2018 12:41:51 PM

Quant Time: Oct 27 06:34:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	66024	18.468	ug/l	97
40) Benzene	6.14	78	179006	19.288	ug/l	99
41) Methacrylonitrile	5.06	41	44278	19.240	ug/l	97
42) 1,2-Dichloroethane	6.20	62	70752	20.067	ug/l	99
43) Isopropyl Acetate	6.46	43	116619	18.837	ug/l	99
44) Trichloroethene	7.21	130	49815	19.702	ug/l	99
45) 1,2-Dichloropropane	7.51	63	47799	19.156	ug/l	97
46) Dibromomethane	7.66	93	31466	19.525	ug/l	96
47) Bromodichloromethane	7.90	83	58071	18.566	ug/l	96
48) Methyl methacrylate	7.77	41	58316	19.335	ug/l	99
49) 1,4-Dioxane	7.75	88	25764	390.894	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	405859	97.545	ug/l	99
52) Toluene	8.79	92	110697	19.625	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	60964	18.034	ug/l	96
54) cis-1,3-Dichloropropene	8.44	75	67189	18.461	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	45100	18.965	ug/l	97
56) Ethyl methacrylate	9.18	69	67755	19.102	ug/l	99
57) 1,3-Dichloropropane	9.37	76	76360	18.977	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	185569	93.670	ug/l	100
59) 2-Hexanone	9.49	43	316727	96.547	ug/l	100
60) Dibromochloromethane	9.59	129	46432	18.714	ug/l	98
61) 1,2-Dibromoethane	9.67	107	46830	19.035	ug/l	100
64) Tetrachloroethene	9.34	164	51562	21.304	ug/l	98
65) Chlorobenzene	10.14	112	122954	19.804	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	45011	19.883	ug/l	100
67) Ethyl Benzene	10.25	91	207605	20.324	ug/l	99
68) m/p-Xylenes	10.36	106	159770	40.315	ug/l	100
69) o-Xylene	10.70	106	77477	20.780	ug/l	99
70) Styrene	10.71	104	127638	20.450	ug/l	100
71) Bromoform	10.86	173	38334	18.976	ug/l #	98
73) Isopropylbenzene	11.02	105	212054	21.408	ug/l	100
74) N-amyl acetate	10.90	43	98870	20.145	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	72571	19.859	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	69301m	20.185	ug/l	
77) Bromobenzene	11.26	156	55887	20.245	ug/l	100
78) n-propylbenzene	11.36	91	240838	21.264	ug/l	100
79) 2-Chlorotoluene	11.42	91	145863	20.771	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	178720	21.092	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18731	17.827	ug/l	96
82) 4-Chlorotoluene	11.51	91	170968	20.646	ug/l	99
83) tert-Butylbenzene	11.77	119	174310	20.637	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	185330	21.581	ug/l	99
85) sec-Butylbenzene	11.94	105	211279	20.963	ug/l	100
86) p-Isopropyltoluene	12.07	119	191822	21.291	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	104342	20.101	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	104697	19.322	ug/l	99
89) n-Butylbenzene	12.39	91	161743	19.886	ug/l	99
90) Hexachloroethane	12.60	117	29994	19.302	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	105894	20.163	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17516	19.824	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS02

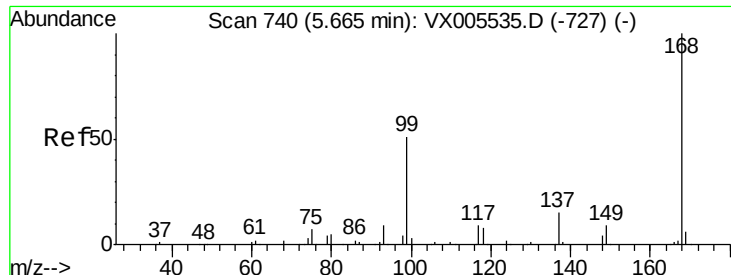
Manual Integrations
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10/29/2018 12:41:51 PM

Quant Time: Oct 27 06:34:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	75274	19.772	ug/l	99
94) Hexachlorobutadiene	13.79	225	36702	18.603	ug/l	99
95) Naphthalene	13.83	128	231801	20.946	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	78405	20.316	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS02

Tot Ion:168 Resp: 222396

Ion Ratio Lower Upper

168 100

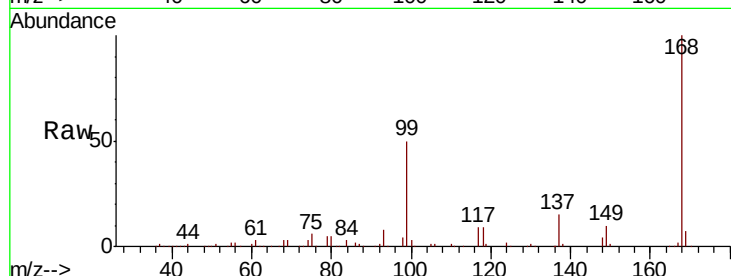
99 49.6 40.7 61.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

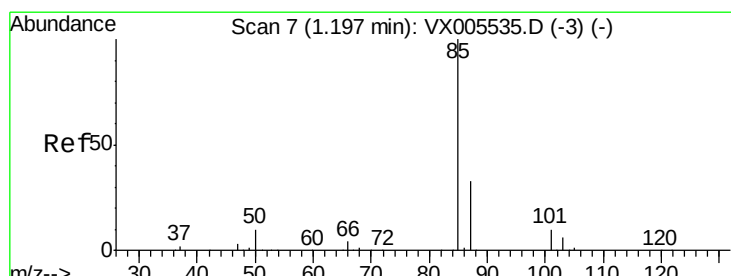
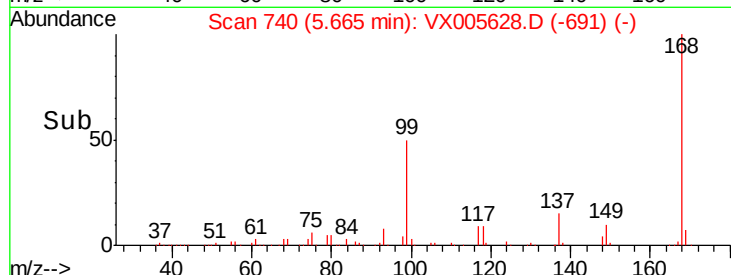
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 26.995 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005628.D

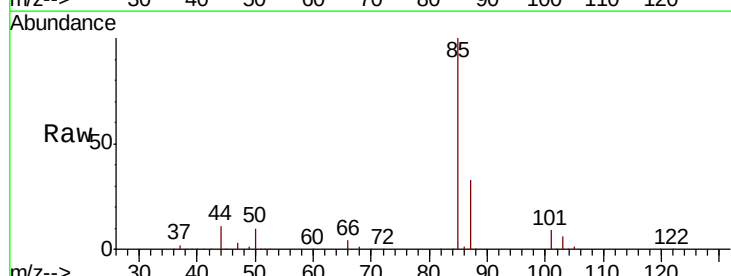
Acq: 27 Oct 2018 02:28

Tgt Ion: 85 Resp: 59259

Ion Ratio Lower Upper

85 100

87 33.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

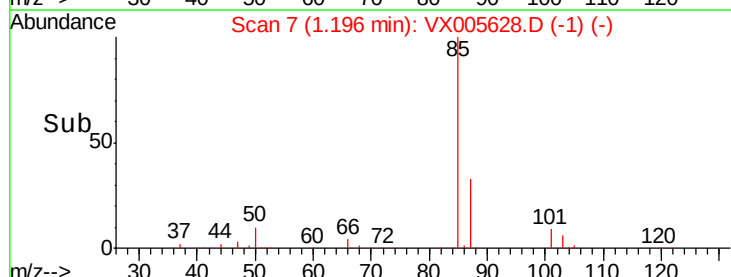
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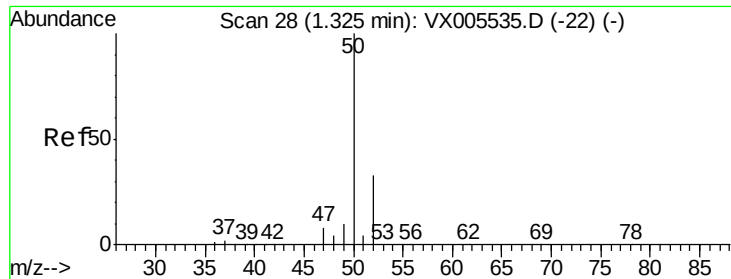
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1.15 1.20 1.25 1.30

Time-->





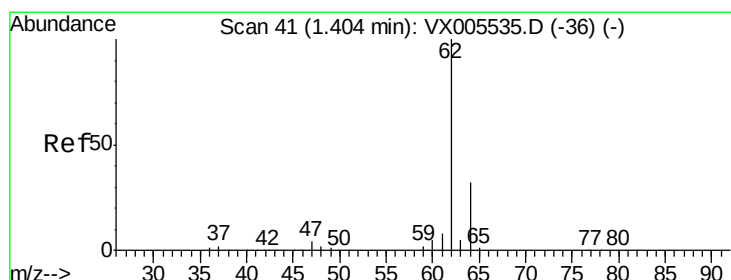
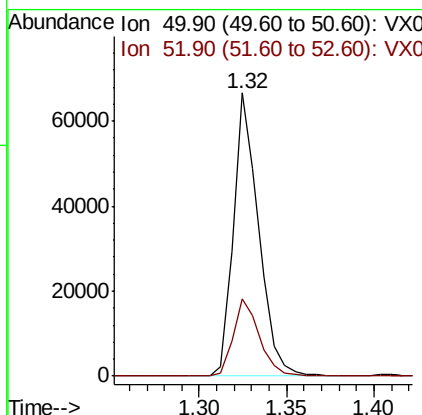
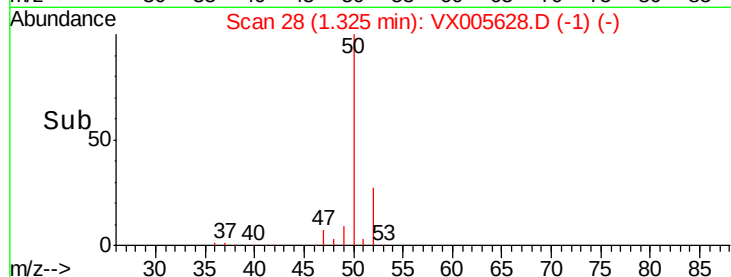
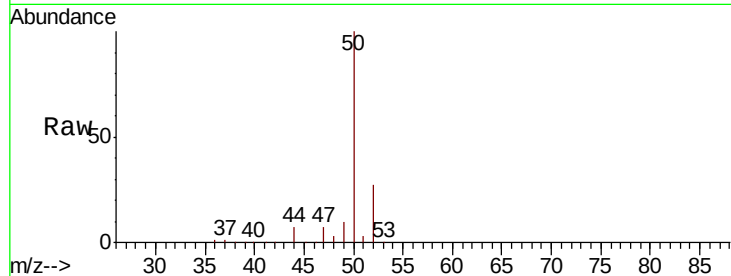
#3
Chloromethane
Concen: 23.876 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS02

Tot Ion: 50 Resp: 66745
Ion Ratio Lower Upper
50 100
52 27.5 26.2 39.2

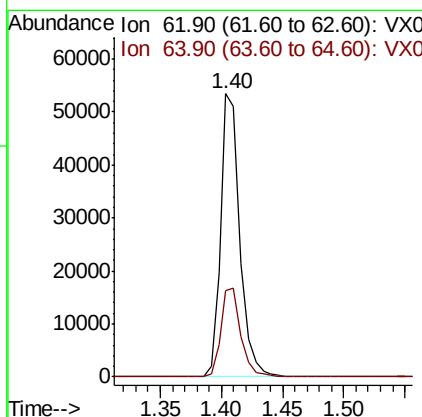
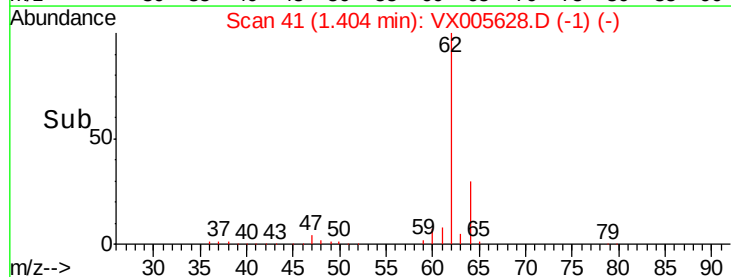
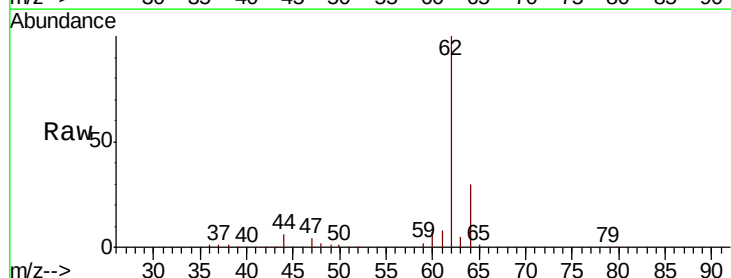
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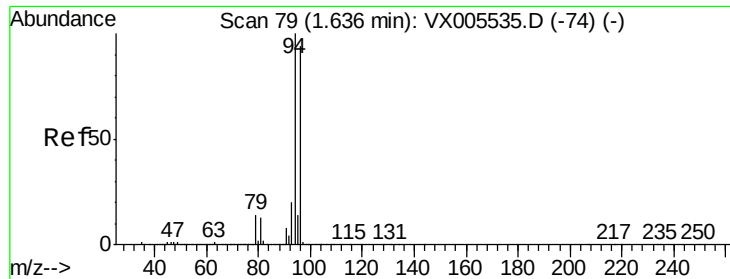
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#4
Vinyl Chloride
Concen: 21.329 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Tgt Ion: 62 Resp: 58630
Ion Ratio Lower Upper
62 100
64 30.4 25.3 37.9





#5

Bromomethane

Concen: 20.650 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS02

Tot Ion: 94 Resp: 35320

Ion Ratio Lower Upper

94 100

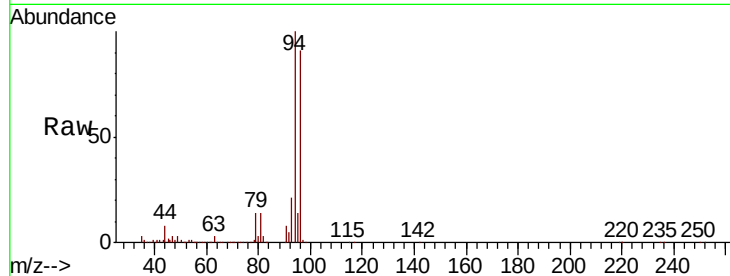
96 91.1 75.2 112.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

30000

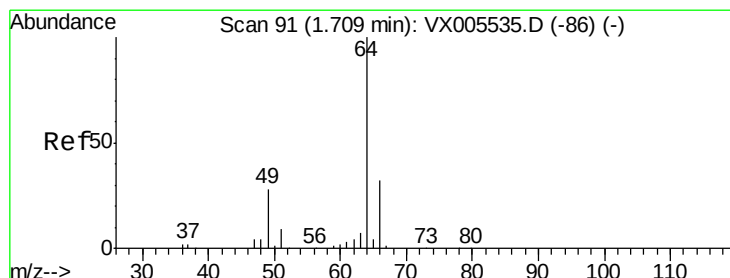
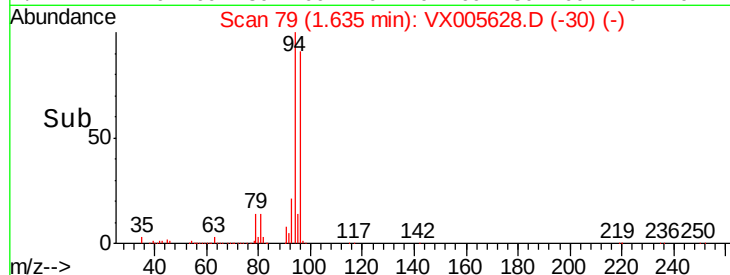
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10000

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Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 20.146 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005628.D

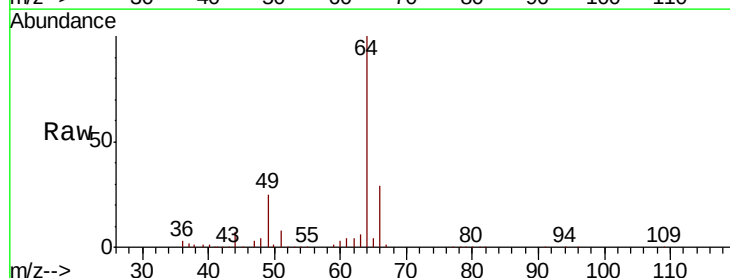
Acq: 27 Oct 2018 02:28

Tgt Ion: 64 Resp: 35376

Ion Ratio Lower Upper

64 100

66 28.8 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

30000

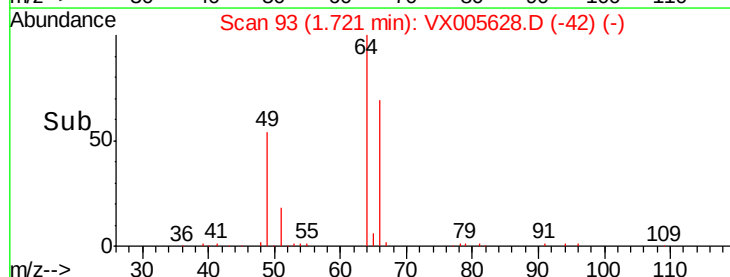
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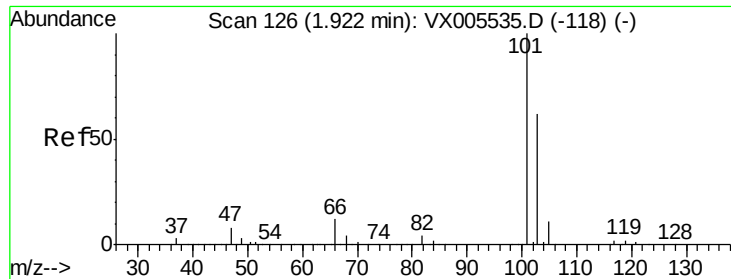
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Time-->

1.65 1.70 1.75 1.80





#7

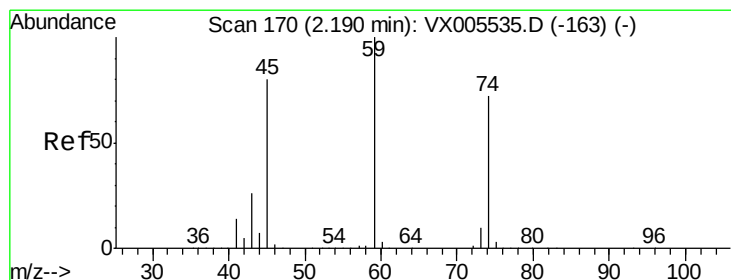
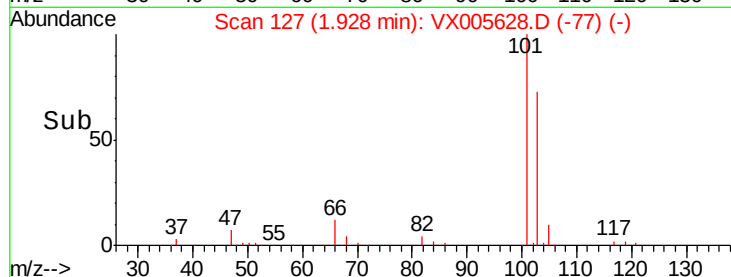
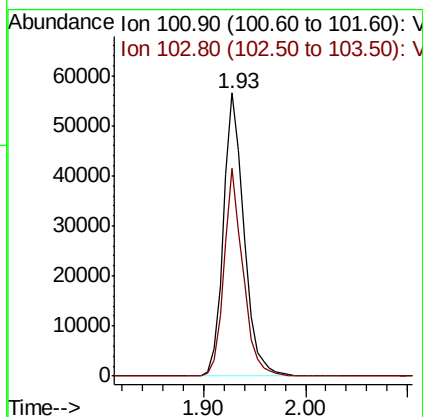
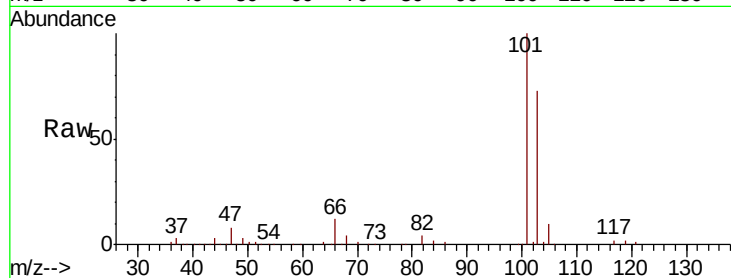
Trichlorofluoromethane
Concen: 20.739 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS02

Tot Ion:101 Resp: 79213
Ion Ratio Lower Upper
101 100
103 73.3 50.0 75.0

Manual Integrations
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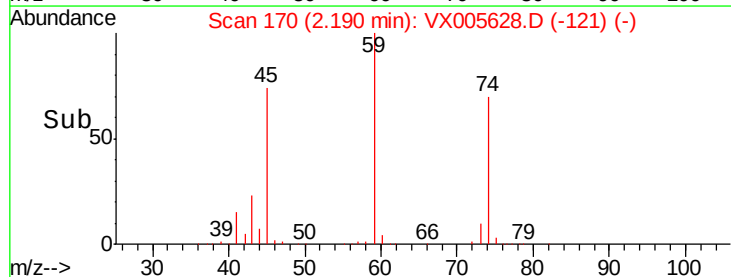
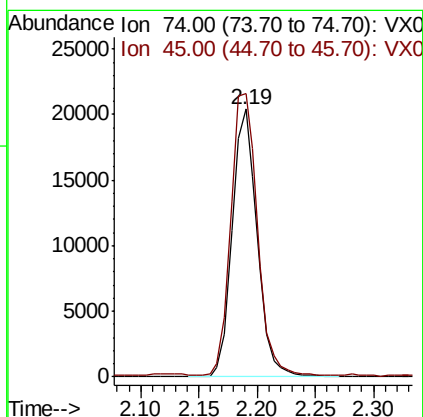
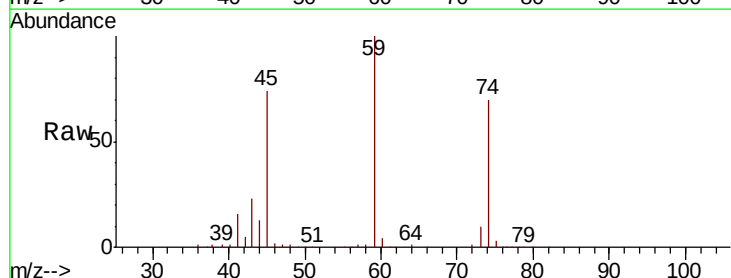
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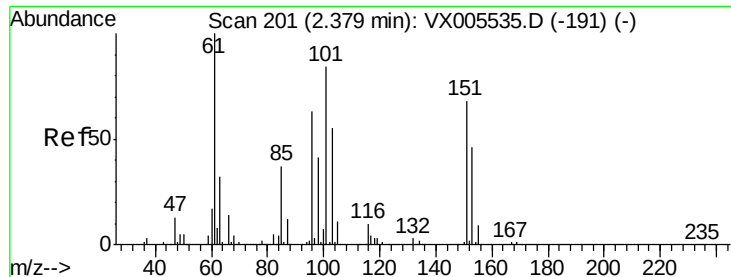


#8

Diethyl Ether
Concen: 20.096 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Tgt Ion: 74 Resp: 30632
Ion Ratio Lower Upper
74 100
45 112.3 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.311 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

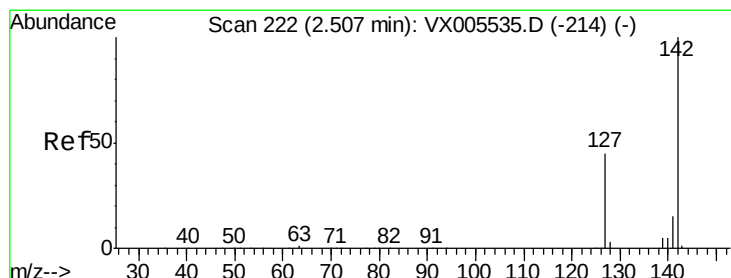
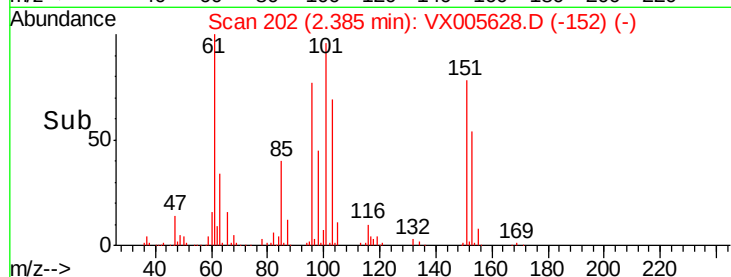
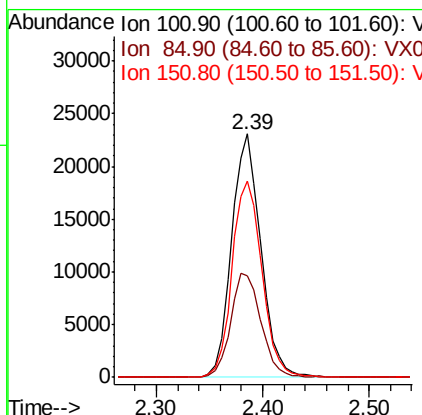
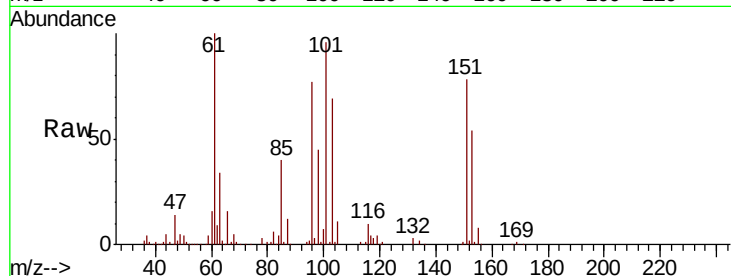
ClientSampleId :

VX1026WBS02

Tot Ion:	101	Resp:	44511
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.0	52.4
151	82.4	66.2	99.2

Manual Integrations
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#10

Methyl Iodide

Concen: 21.235 ug/l

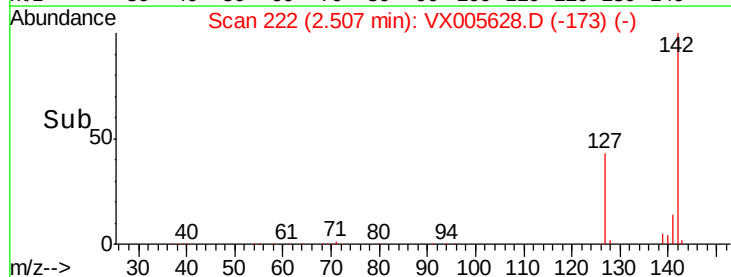
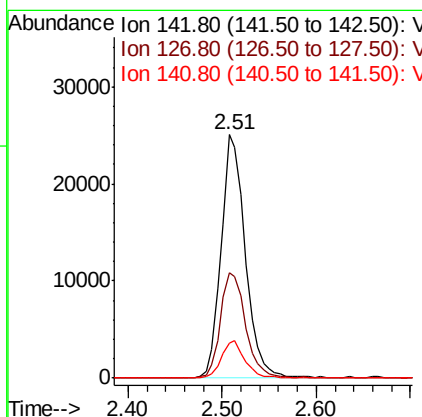
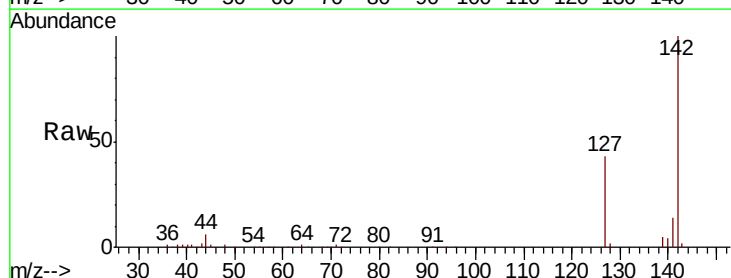
RT: 2.51 min Scan# 222

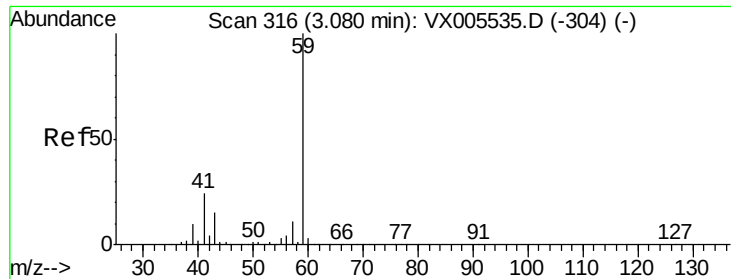
Delta R.T. 0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Tgt Ion:	142	Resp:	44805
Ion Ratio	Lower	Upper	
142	100		
127	44.7	36.0	54.0
141	14.7	11.7	17.5





#11

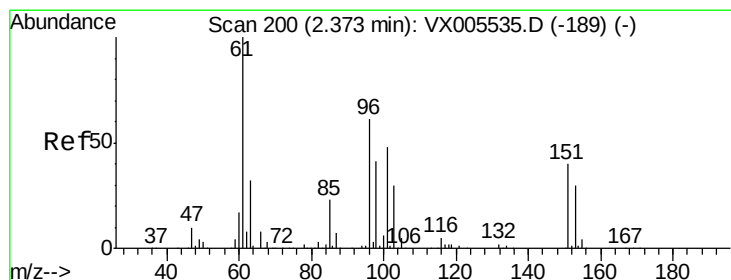
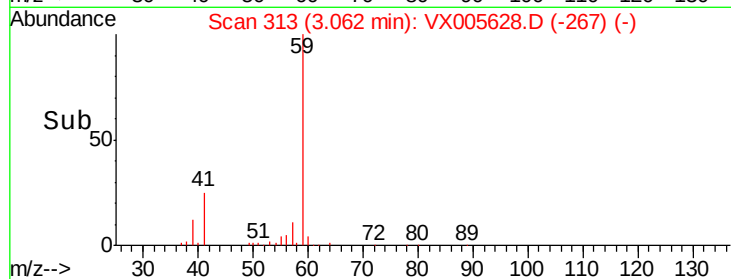
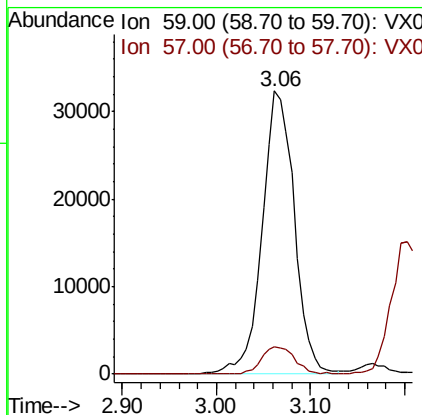
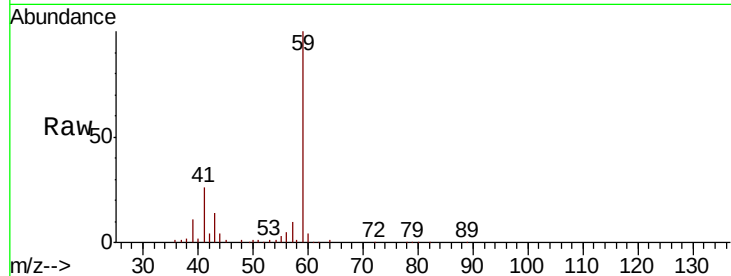
Tert butyl alcohol
Concen: 106.190 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS02

Tot Ion	59	Resp	77576
Ion Ratio	100	Lower	Upper
57	10.2	8.5	12.7

Manual Integrations
APPROVED

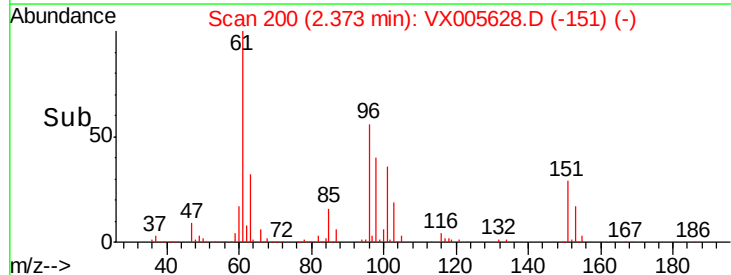
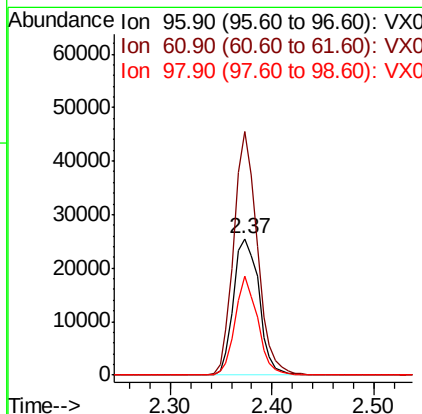
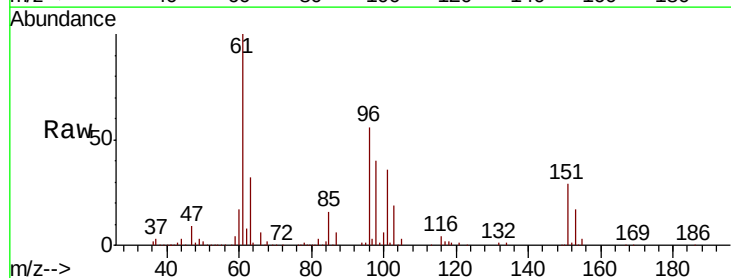
MMDadoda
10/29/2018 12:41:51 PM

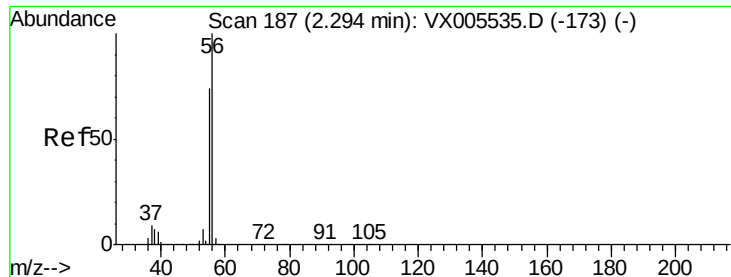


#12

1,1-Dichloroethene
Concen: 21.095 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Tgt Ion	96	Resp	44039
Ion Ratio	100	Lower	Upper
61	178.3	131.8	197.8
98	72.2	53.4	80.2





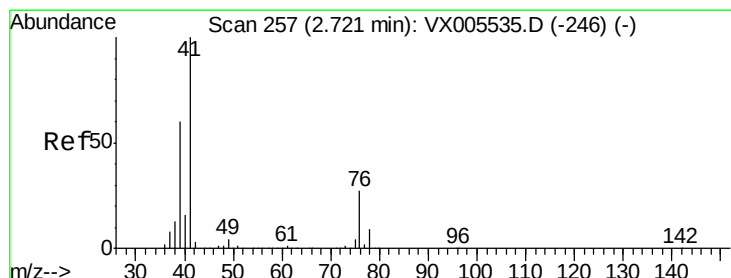
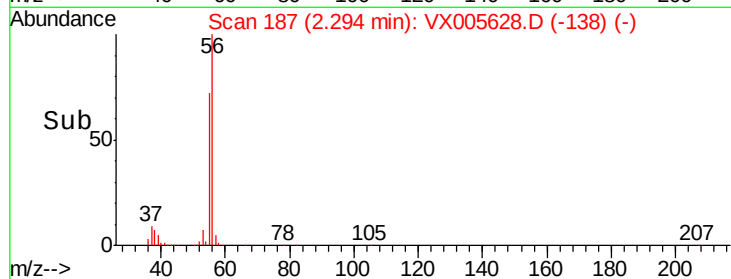
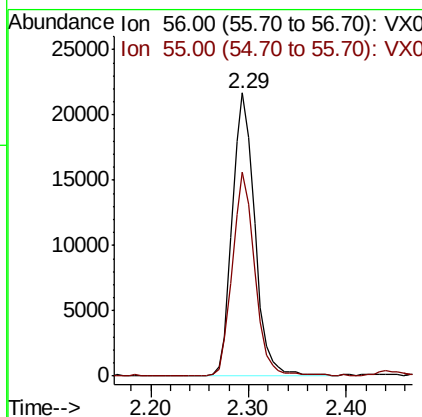
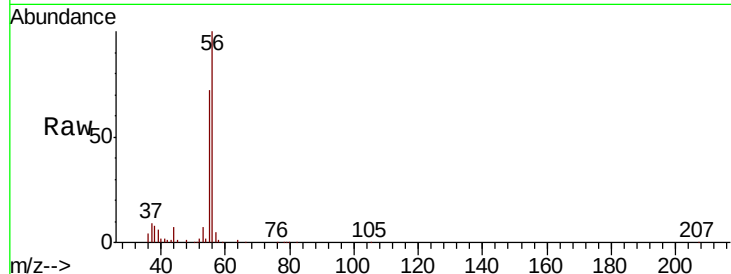
#13
Acrolein
Concen: 93.615 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS02

Tot Ion	56	Resp	34886
Ion Ratio	100	Lower	Upper
55	71.2	57.3	85.9

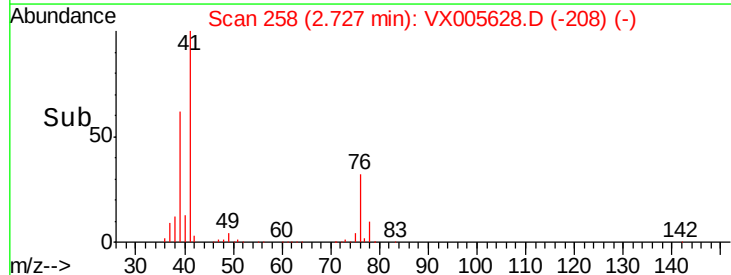
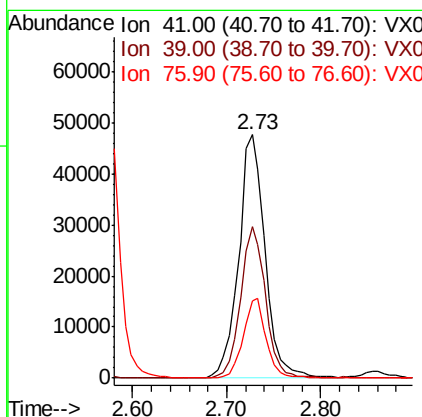
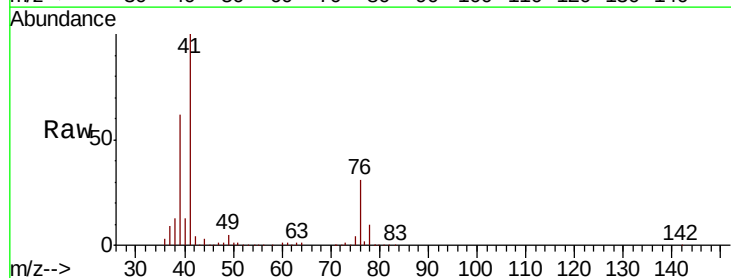
Manual Integrations
APPROVED

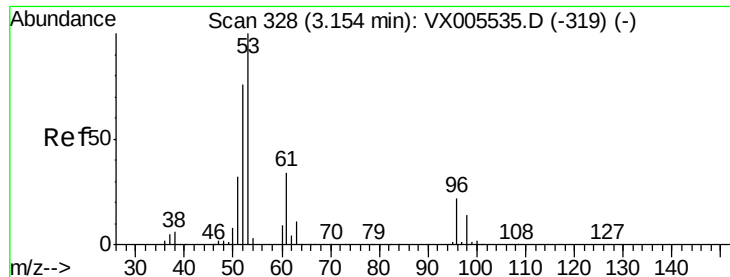
MMDadoda
10/29/2018 12:41:51 PM



#14
Allyl chloride
Concen: 19.780 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Tgt Ion	41	Resp	92156
Ion Ratio	100	Lower	Upper
39	58.8	48.2	72.4
76	28.6	21.9	32.9





#15

Acrylonitrile

Concen: 100.763 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

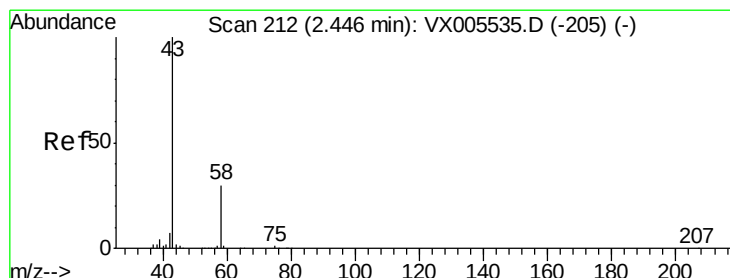
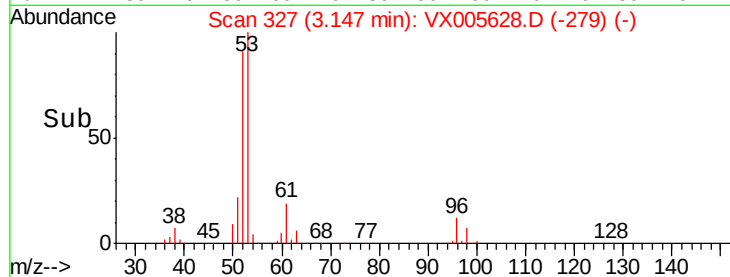
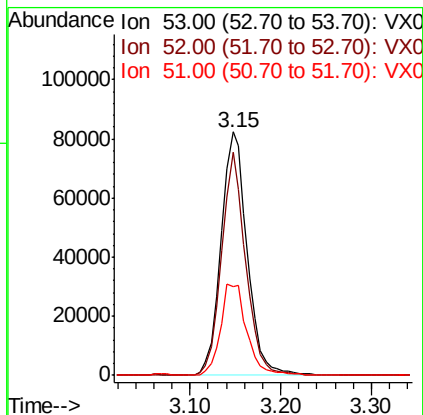
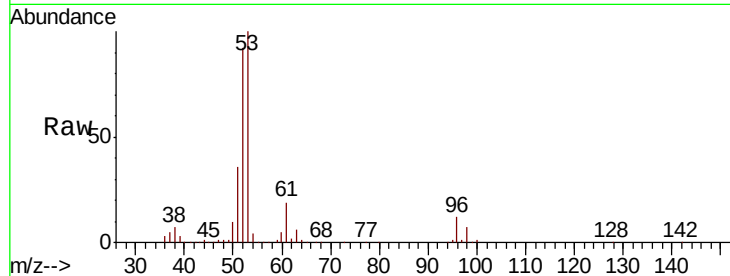
ClientSampleId :

VX1026WBS02

Tot Ion:	53	Resp:	165064
Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.6	99.8
51	37.6	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 106.976 ug/l

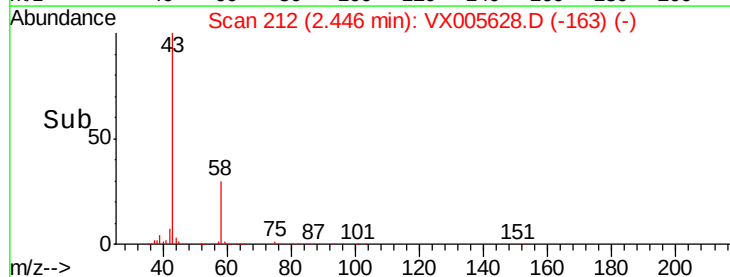
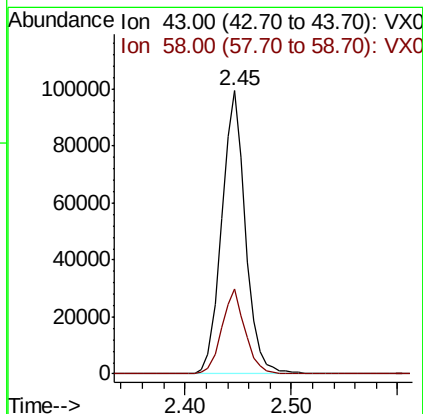
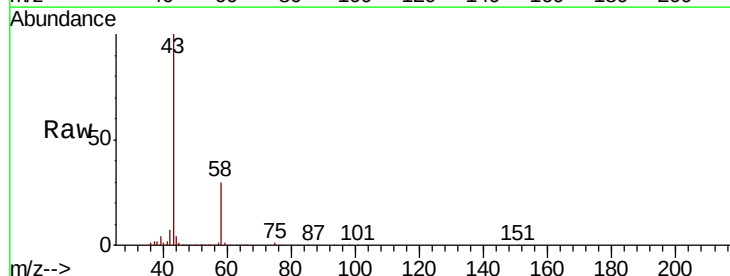
RT: 2.45 min Scan# 212

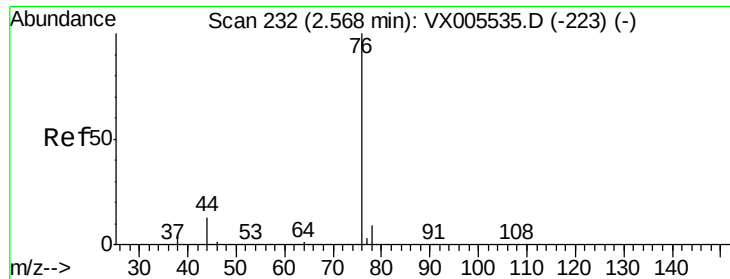
Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Tgt Ion:	43	Resp:	153460
Ion	Ratio	Lower	Upper
43	100		
58	29.9	23.8	35.6





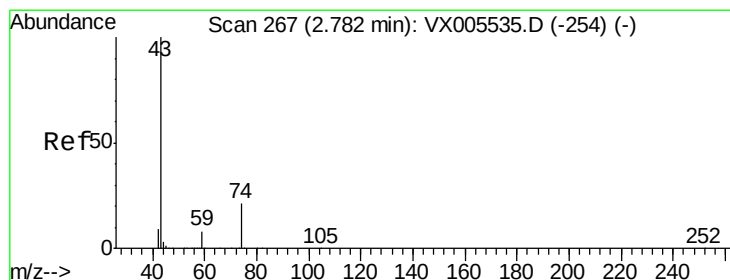
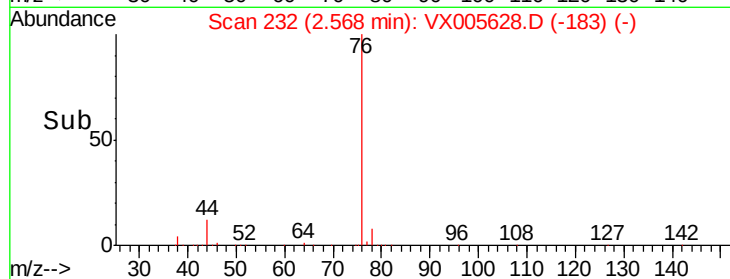
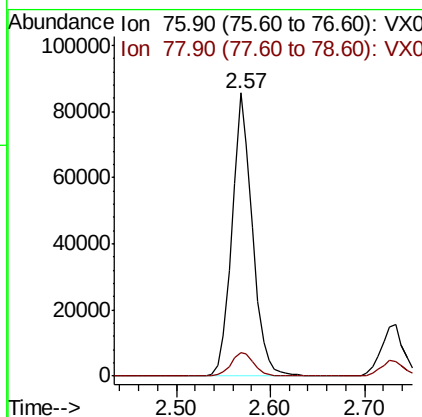
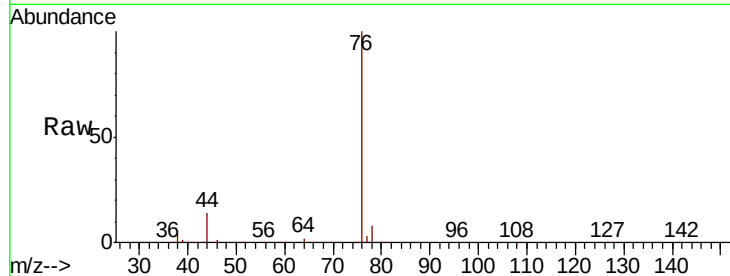
#17
Carbon Disulfide
Concen: 20.198 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.1	7.3	10.9

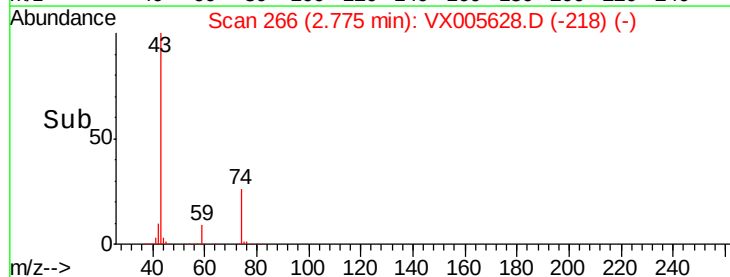
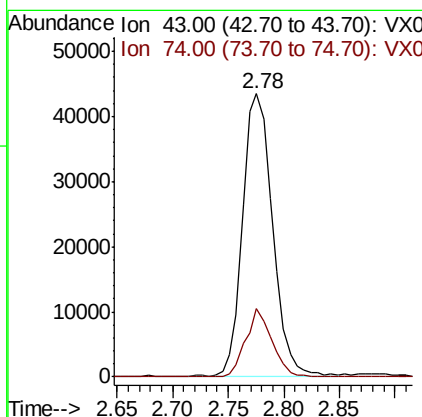
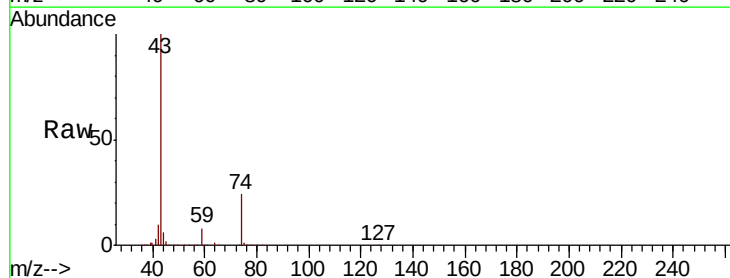
Manual Integrations
APPROVED

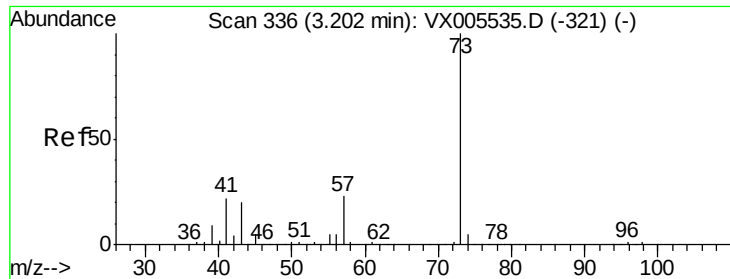
MMDadoda
10/29/2018 12:41:51 PM



#18
Methyl Acetate
Concen: 22.056 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.9	16.8	25.2





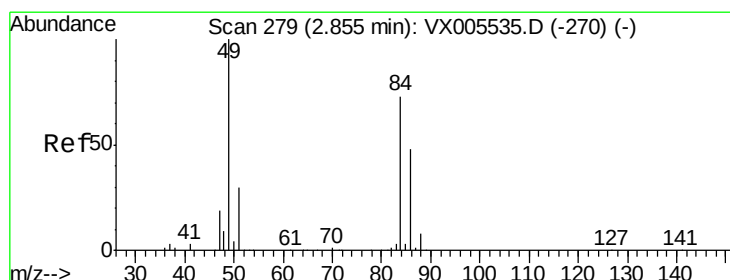
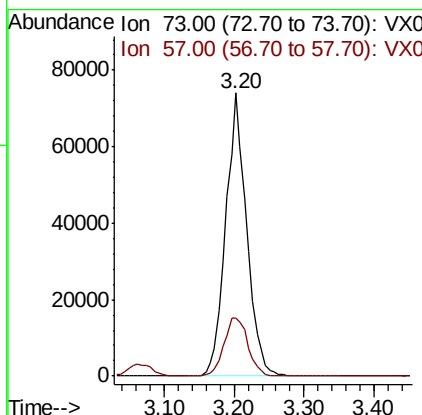
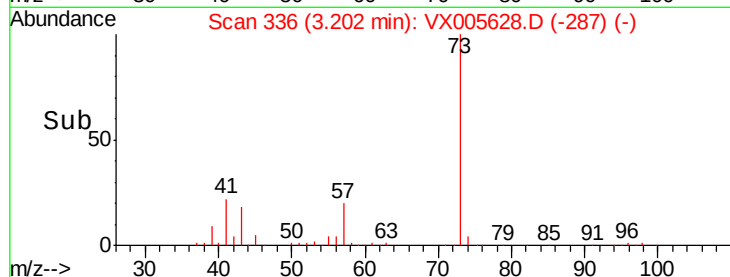
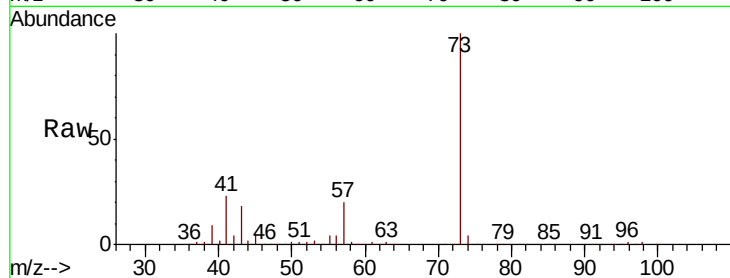
#19
Methvl tert-butvl Ether
Concen: 20.726 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.4	18.8	28.2

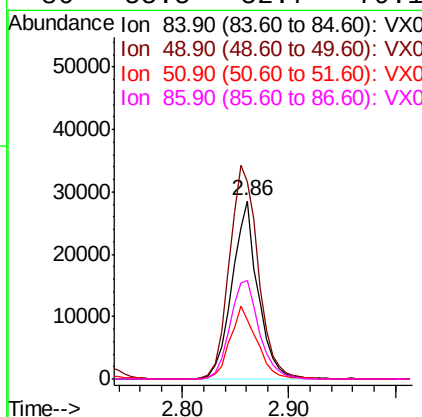
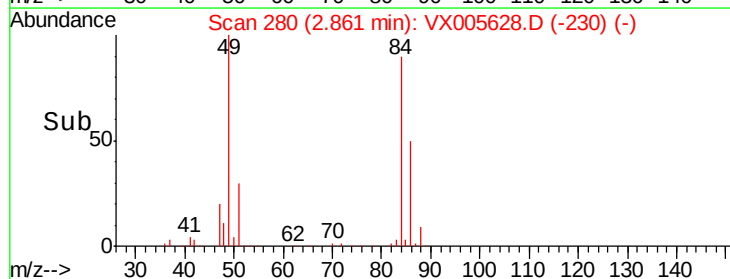
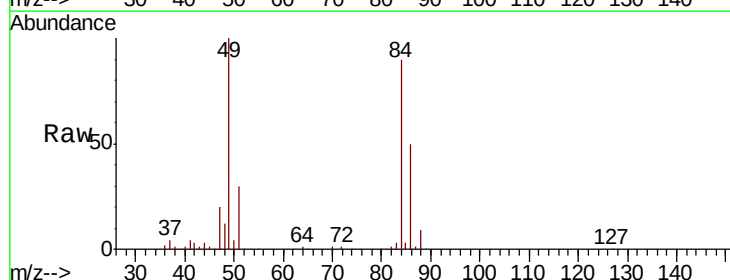
Manual Integrations
APPROVED

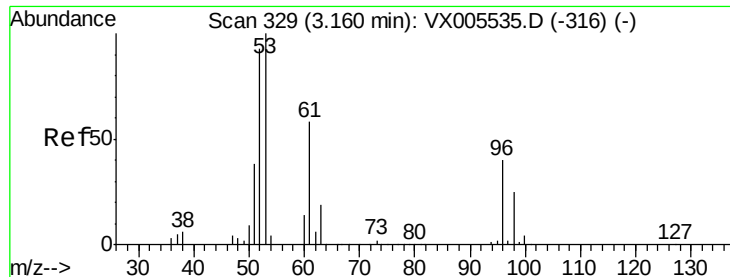
MMDadoda
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#20
Methylene Chloride
Concen: 20.307 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.9	109.5	164.3
51	33.2	33.3	49.9#
86	55.5	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 20.266 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS02

Tot Ion: 96 Resp: 46193

Ion Ratio Lower Upper

96 100

61 124.8 115.6 173.4

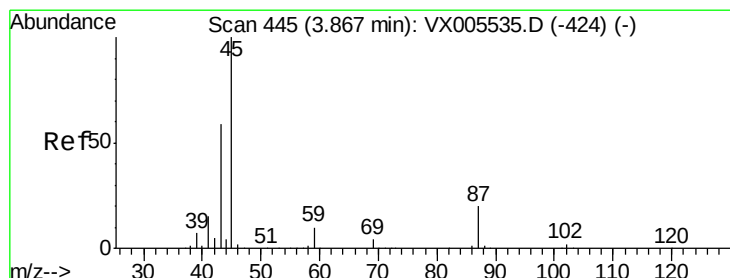
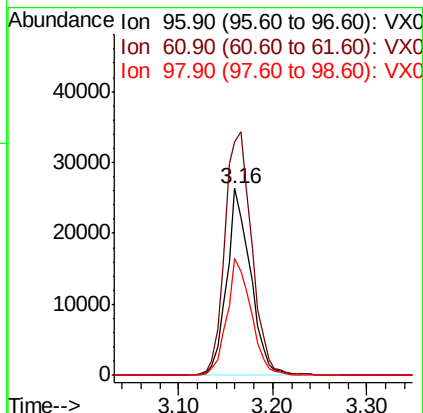
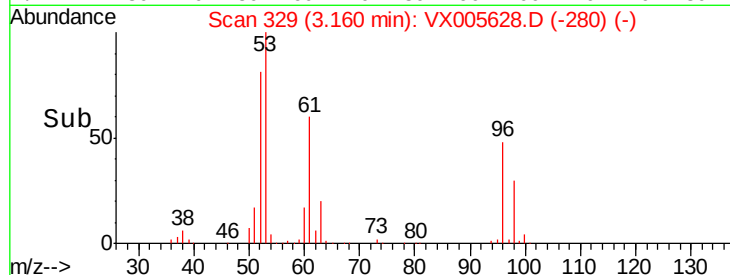
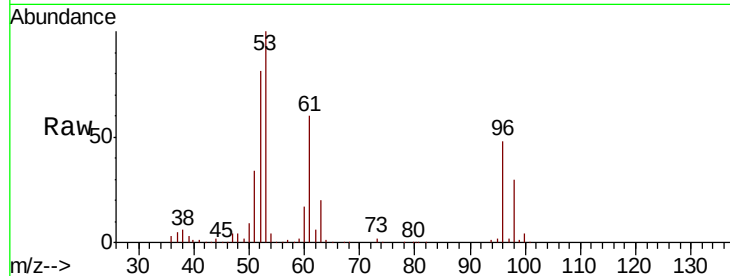
98 62.5 50.2 75.2

Manual Integrations

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10/29/2018 12:41:51 PM



#22

Diisopropyl ether

Concen: 20.944 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Tgt Ion: 45 Resp: 170406

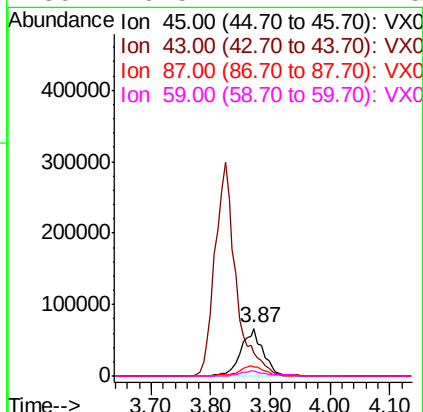
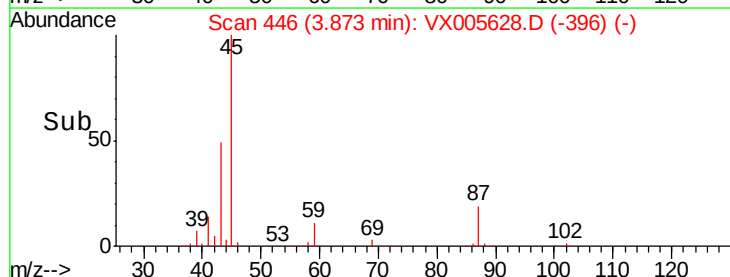
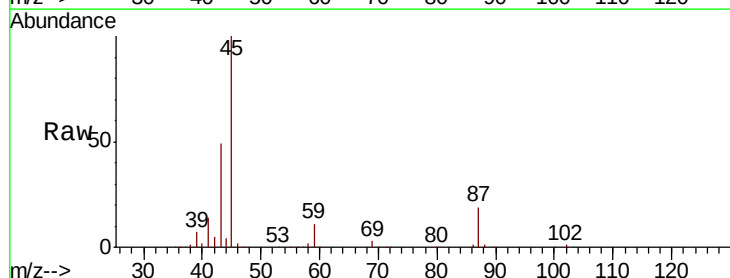
Ion Ratio Lower Upper

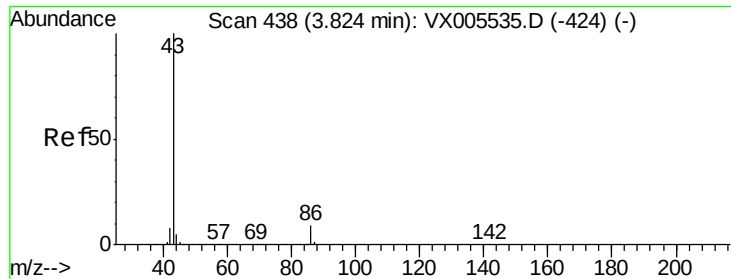
45 100

43 48.8 47.4 71.2

87 18.9 15.9 23.9

59 10.5 7.7 11.5





#23

Vinyl Acetate

Concen: 102.258 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS02

Tot Ion: 43 Resp: 732747

Ion Ratio Lower Upper

43 100

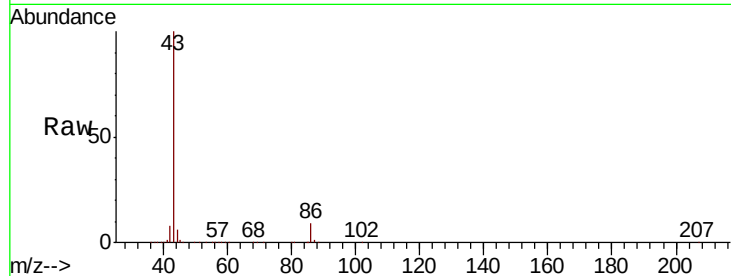
86 9.3 7.4 11.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

300000

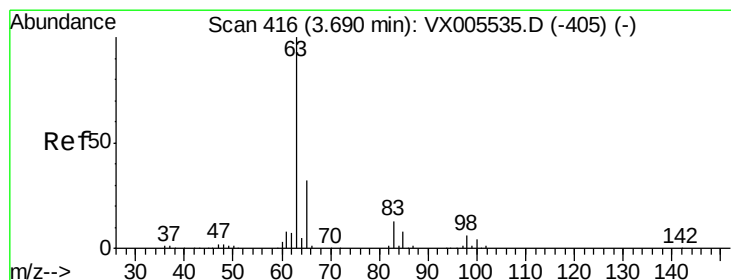
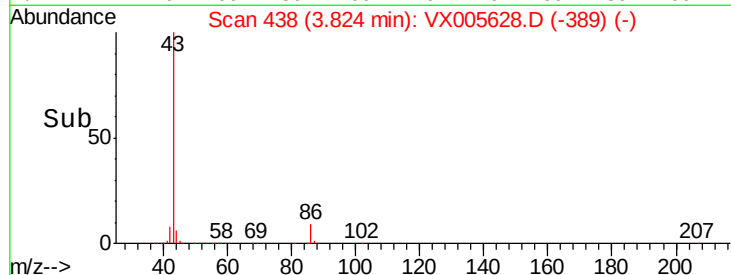
200000

100000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 20.739 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

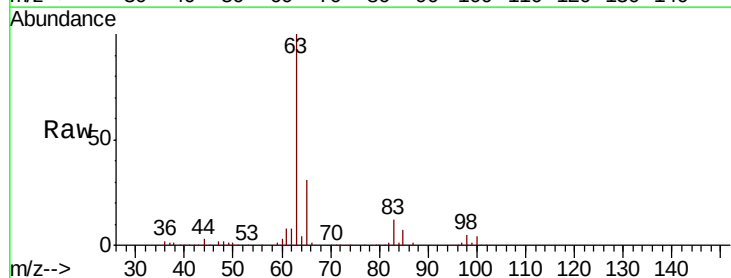
Tgt Ion: 63 Resp: 91739

Ion Ratio Lower Upper

63 100

98 5.3 3.2 9.6

100 4.1 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

50000

40000

30000

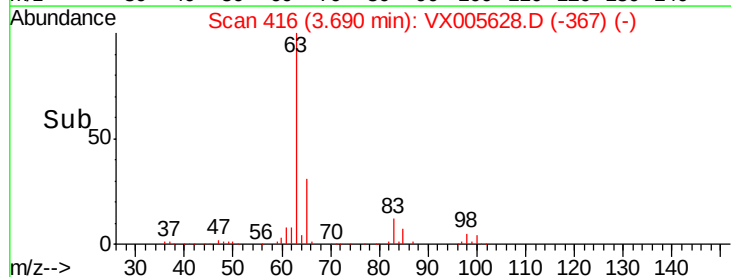
20000

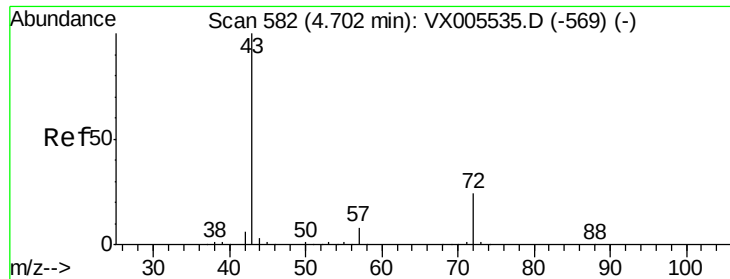
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 106.307 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS02

Tot Ion: 43 Resp: 232226

Ion Ratio Lower Upper

43 100

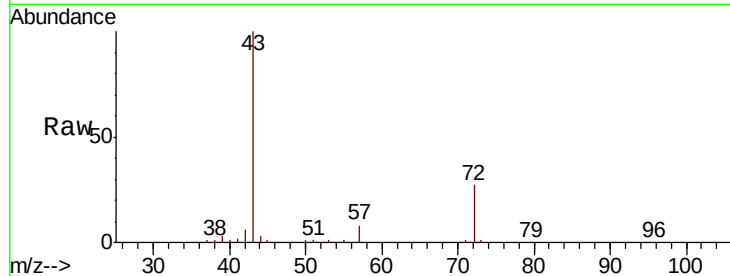
72 26.6 19.2 28.8

Manual Integrations

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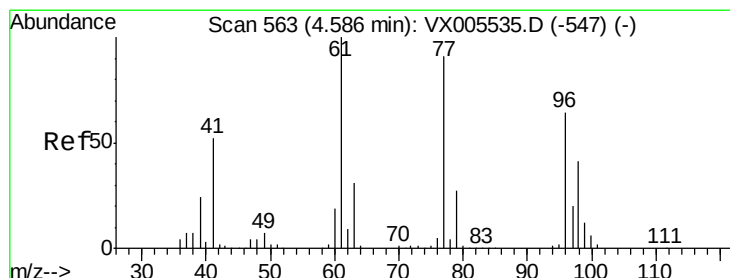
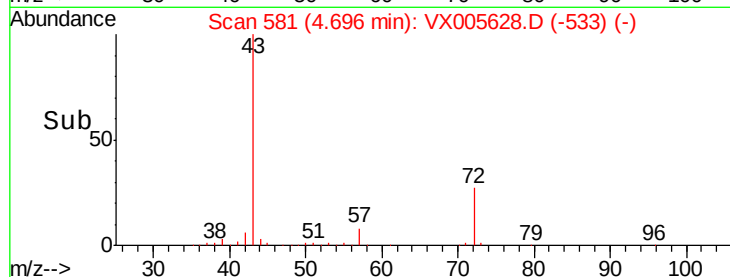
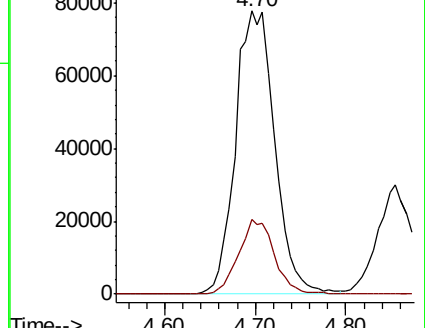
MMDadoda

10/29/2018 12:41:51 PM



Abundance Ion 43.00 (42.70 to 43.70): VX005535.D (-569) (-)

Ion 72.00 (71.70 to 72.70): VX005535.D (-569) (-)



#26

2,2-Dichloropropane

Concen: 15.538 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX005628.D

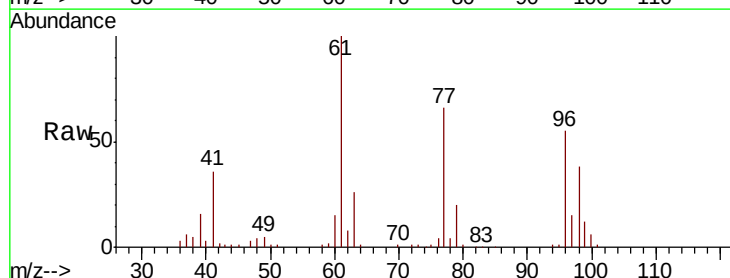
Acq: 27 Oct 2018 02:28

Tgt Ion: 77 Resp: 53065

Ion Ratio Lower Upper

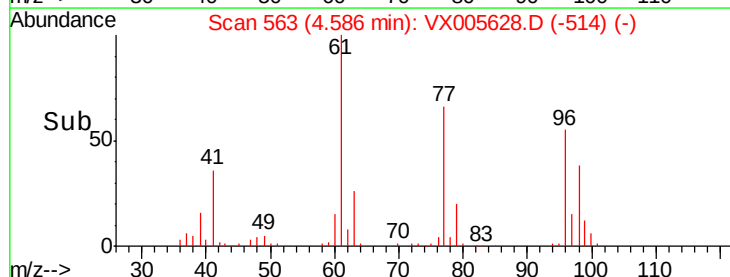
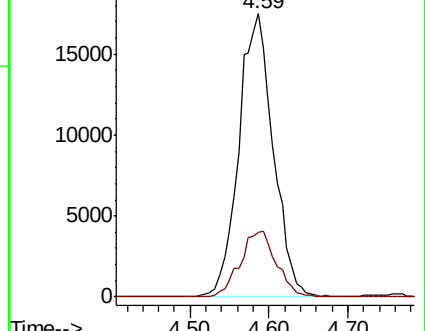
77 100

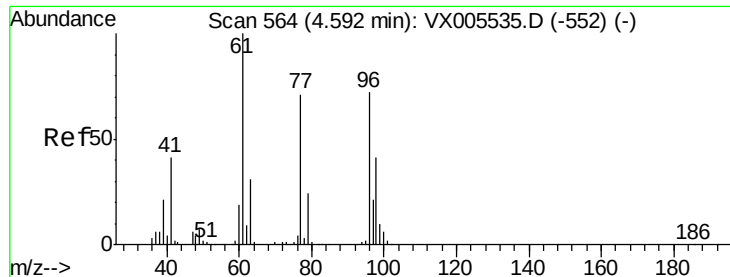
97 24.3 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX005535.D (-547) (-)

Ion 96.90 (96.60 to 97.60): VX005535.D (-547) (-)





#27

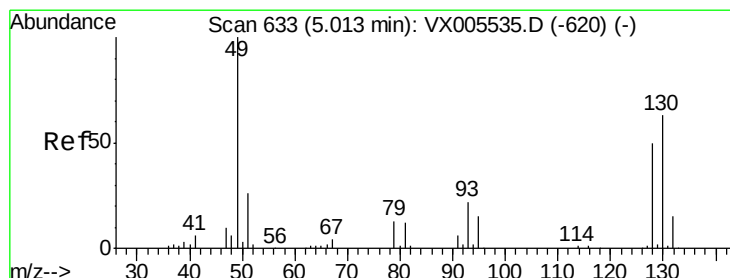
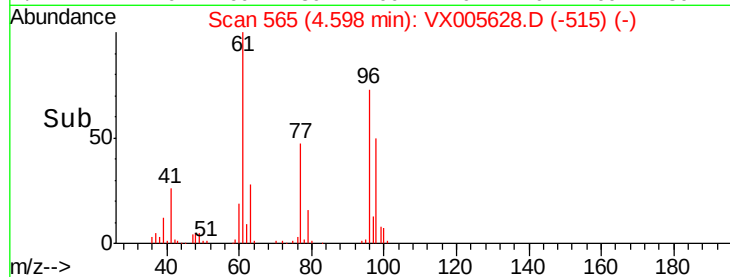
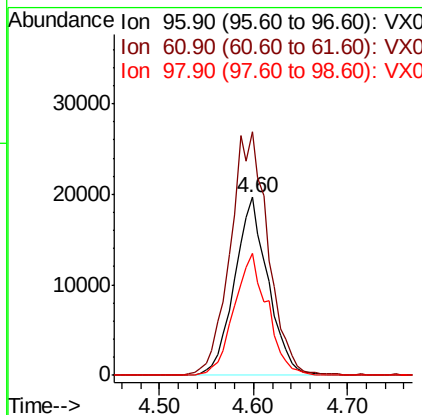
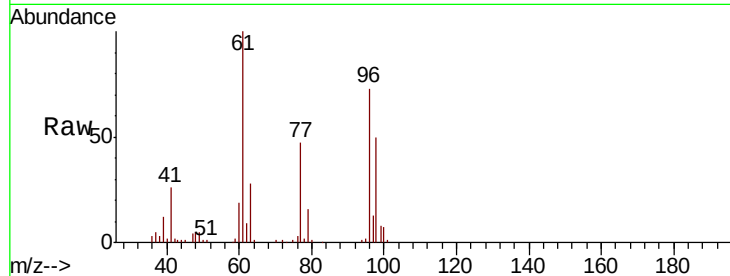
cis-1,2-Dichloroethene
Concen: 19.913 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	153.9	0.0	304.6	
98	68.6	0.0	127.4	

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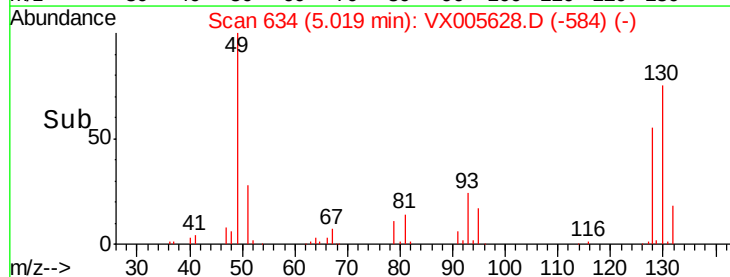
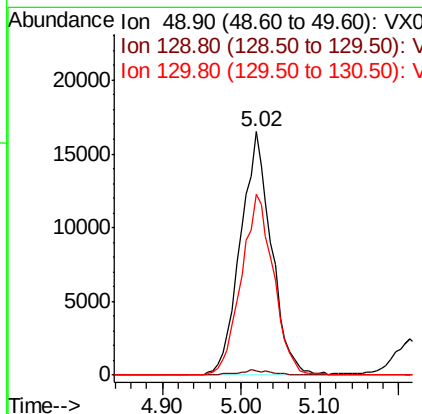
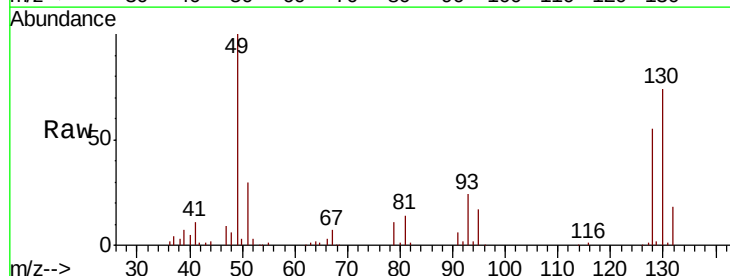
MMDadoda
10/29/2018 12:41:51 PM

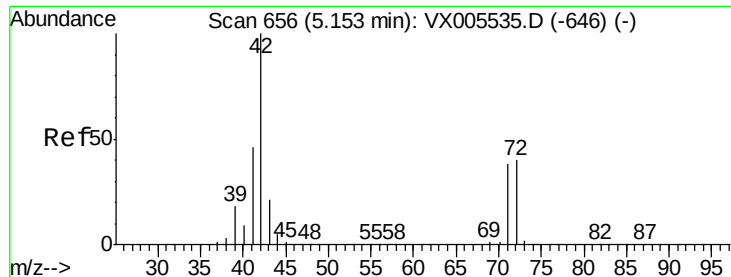


#28

Bromochloromethane
Concen: 21.086 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	4.0	
130	76.9	58.9	88.3	





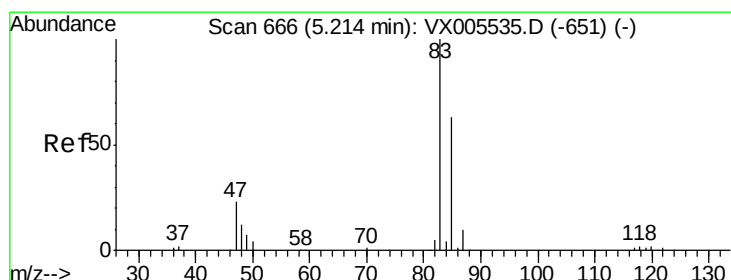
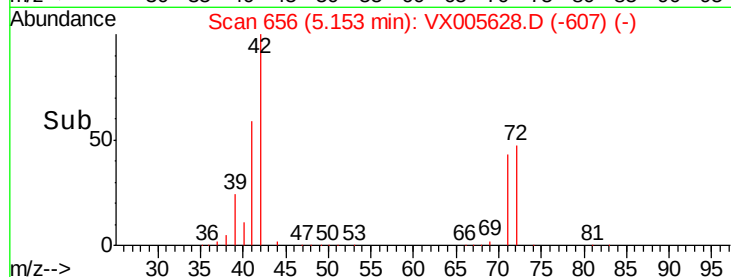
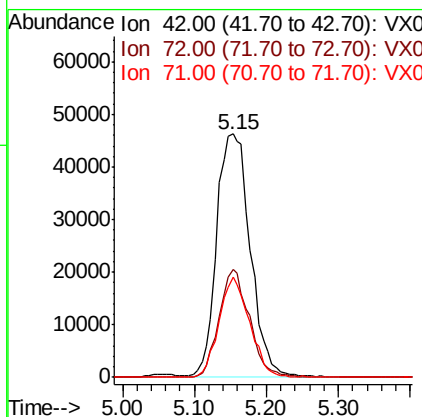
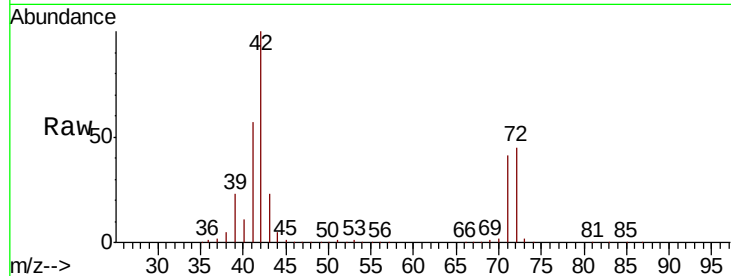
#29
Tetrahydrofuran
Concen: 104.564 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.4	32.0	48.0
71	37.8	29.8	44.8

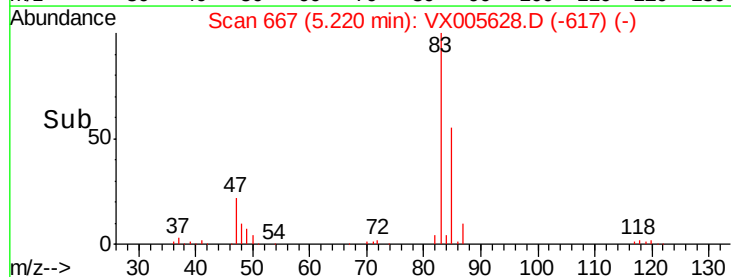
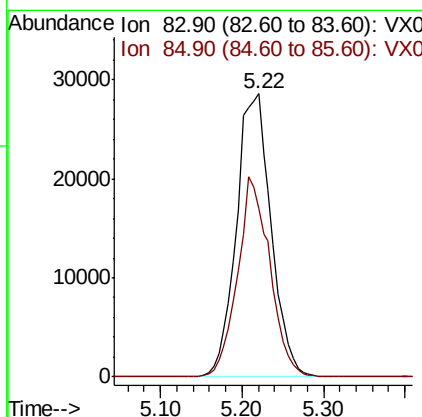
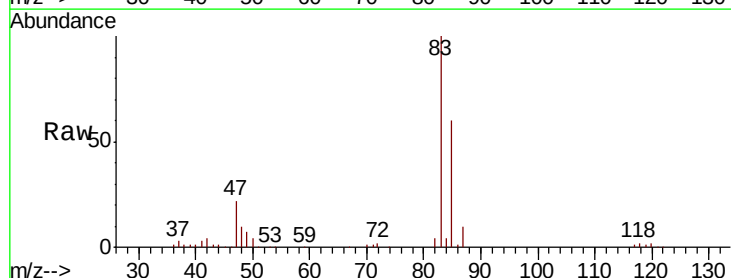
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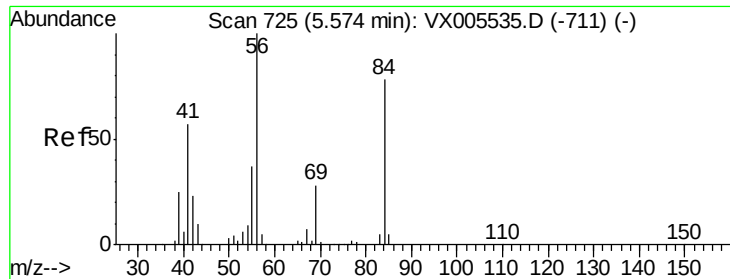
MMDadoda
10/29/2018 12:41:51 PM



#30
Chloroform
Concen: 20.406 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.6	50.6	76.0





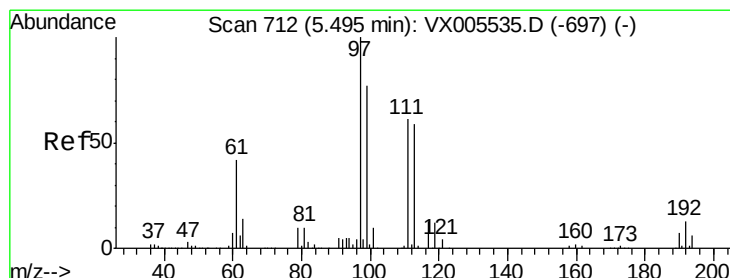
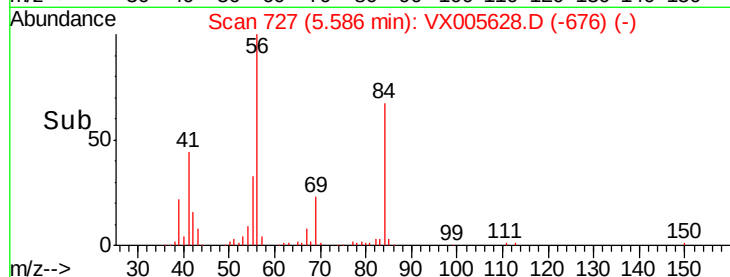
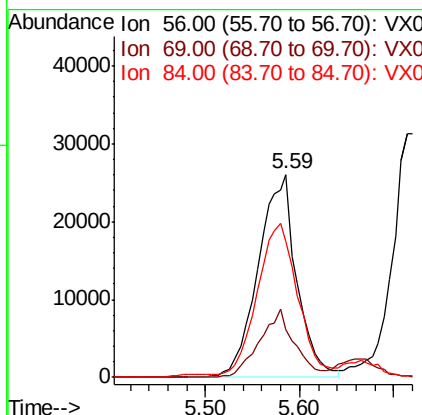
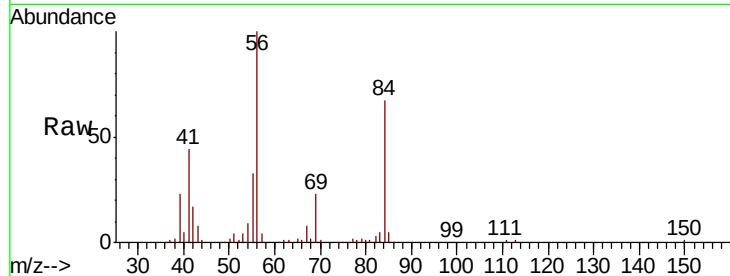
#31
Cyclohexane
Concen: 20.295 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	23.3	22.6	34.0
84	65.6	62.7	94.1

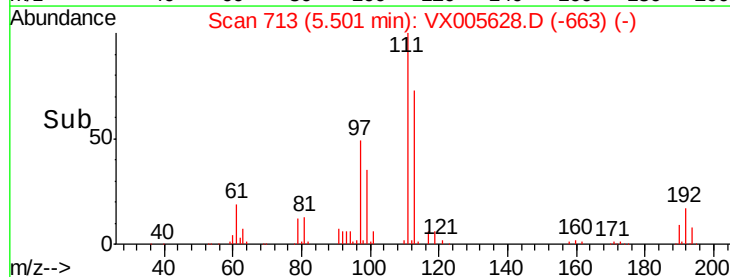
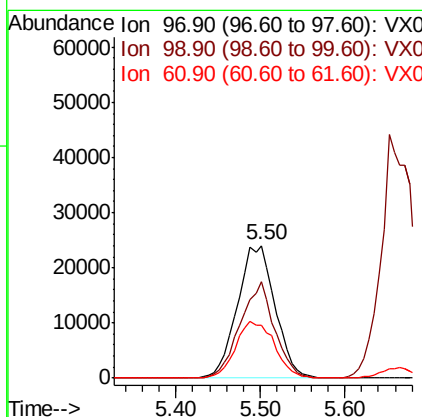
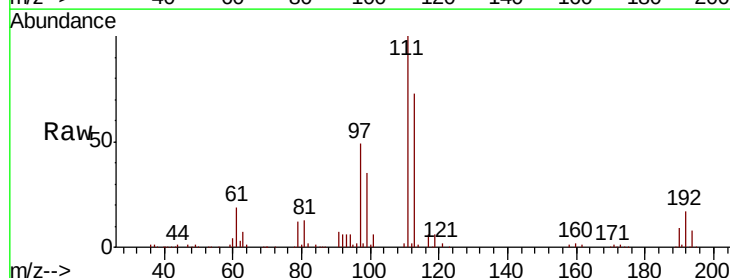
Manual Integrations
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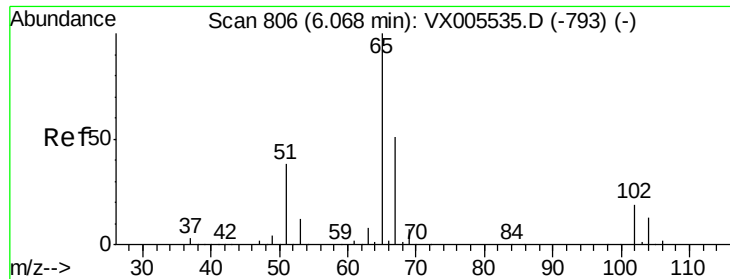
MMDadoda
10/29/2018 12:41:51 PM



#32
1,1,1-Trichloroethane
Concen: 19.947 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.1	52.3	78.5
61	43.9	35.2	52.8





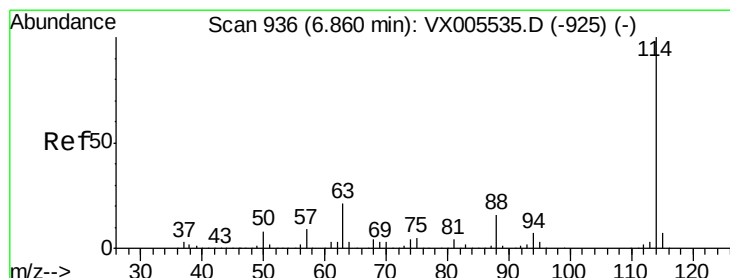
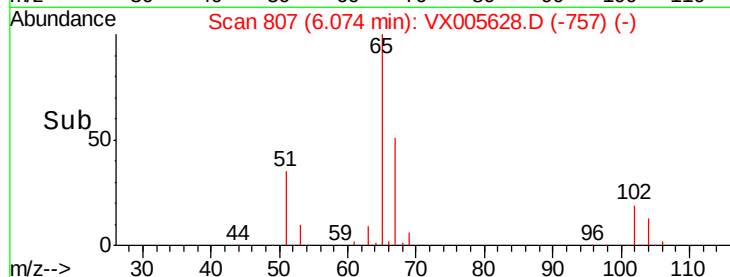
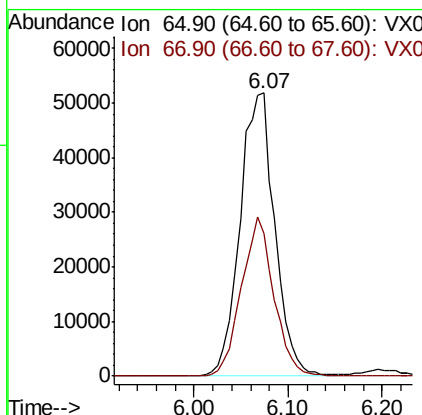
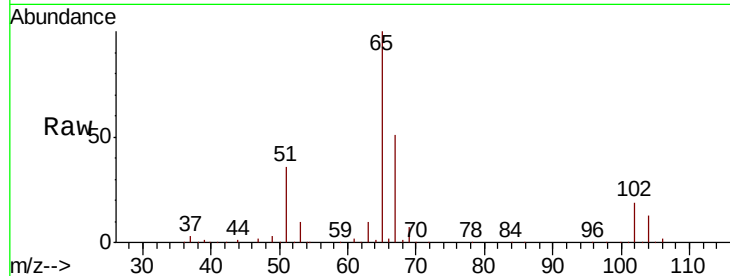
#33
 1,2-Dichloroethane-d4
 Concen: 49.306 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.0

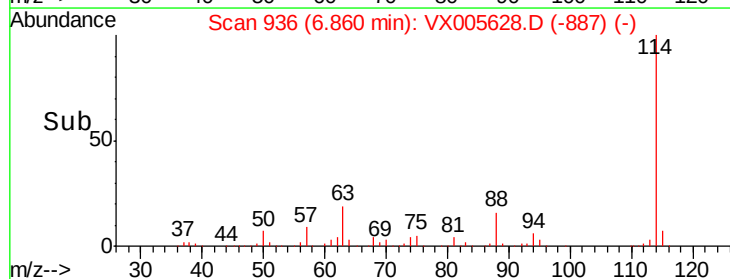
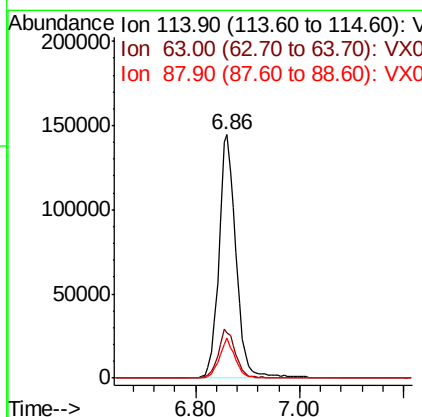
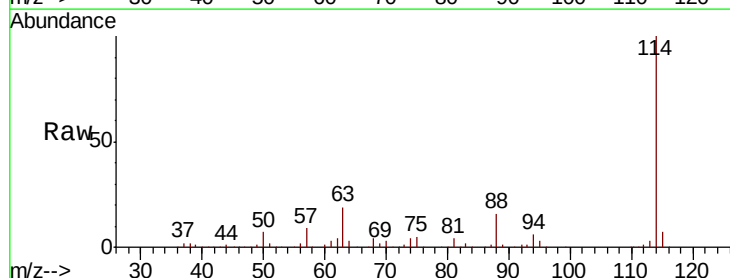
Manual Integrations
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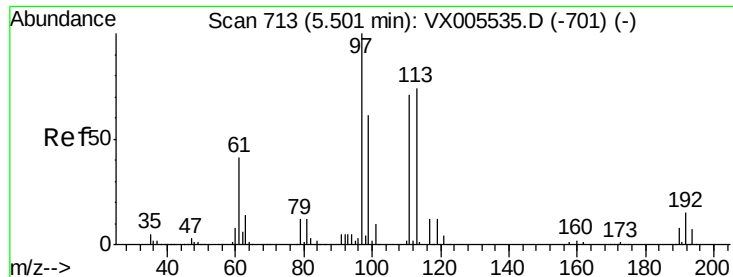
MMDadoda
 10/29/2018 12:41:51 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	42.8
88	16.3	0.0	31.2





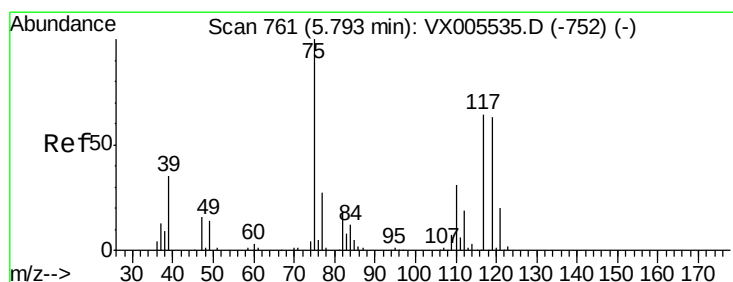
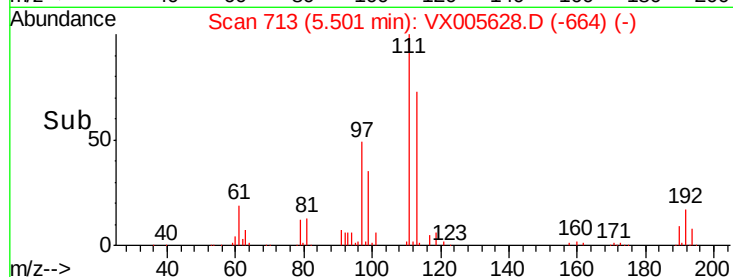
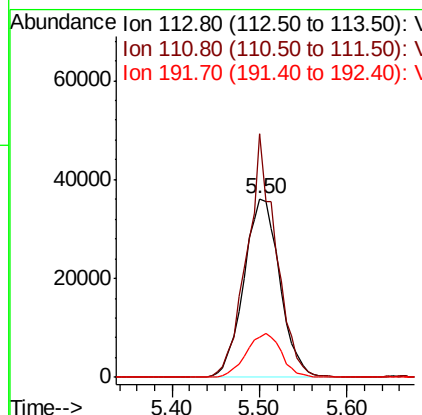
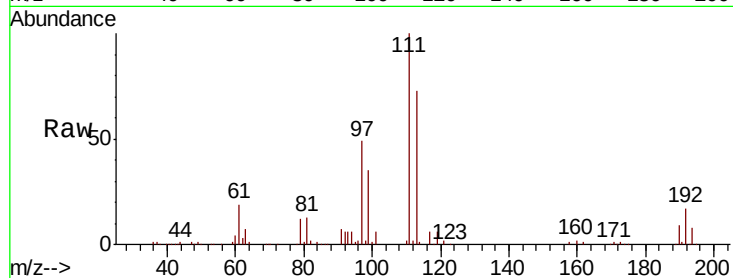
#35
Dibromofluoromethane
Concen: 45.788 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	109.7	82.3	123.5
192	24.2	17.9	26.9

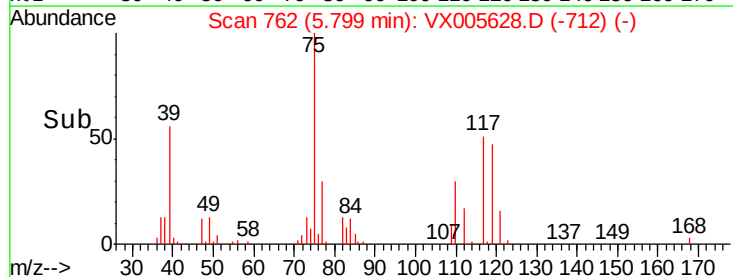
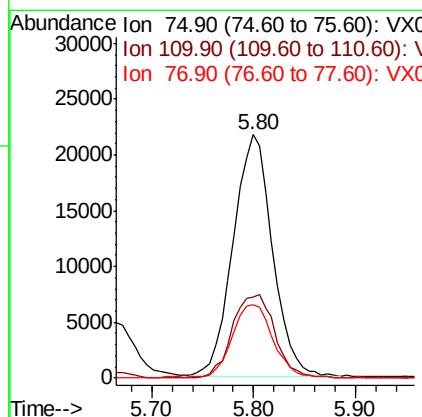
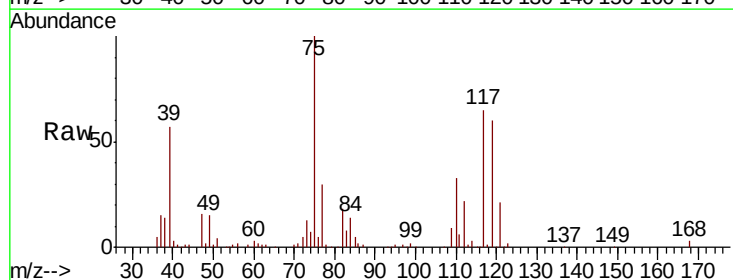
Manual Integrations
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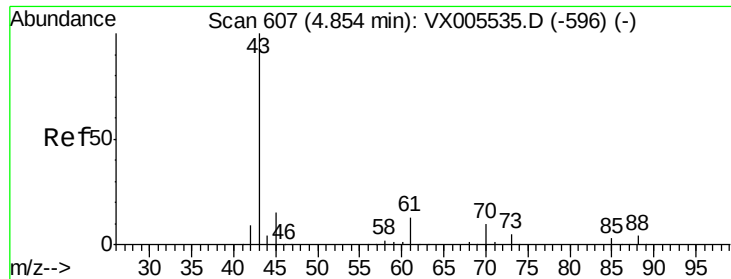
MMDadoda
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#36
1,1-Dichloropropene
Concen: 17.980 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.5	17.4	52.2
77	32.2	25.8	38.6





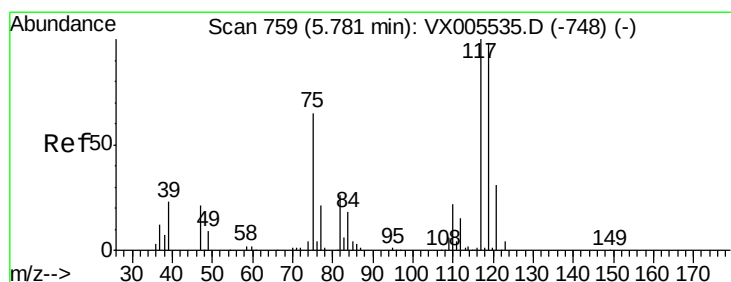
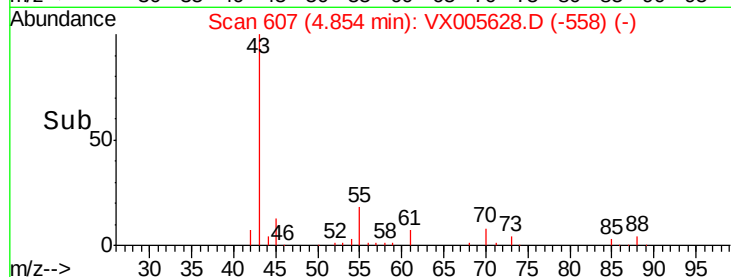
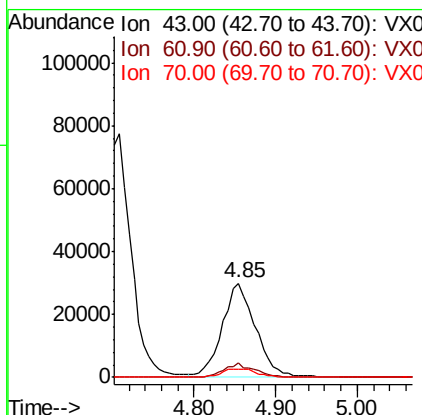
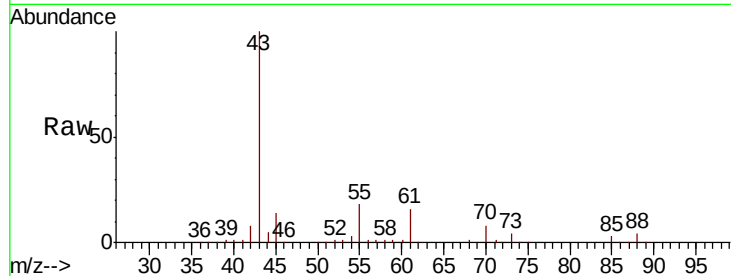
#37
Ethyl Acetate
Concen: 20.222 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.8	16.2
70	9.8	7.8	11.8

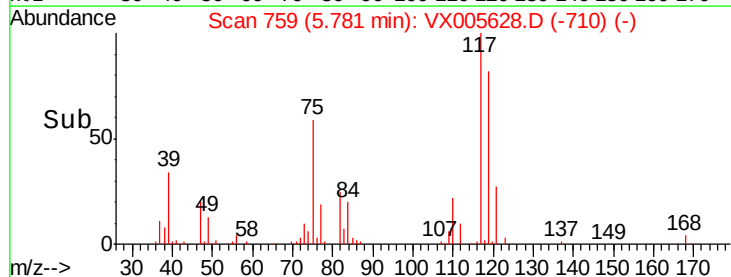
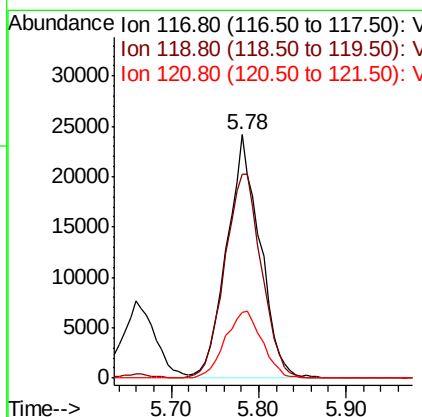
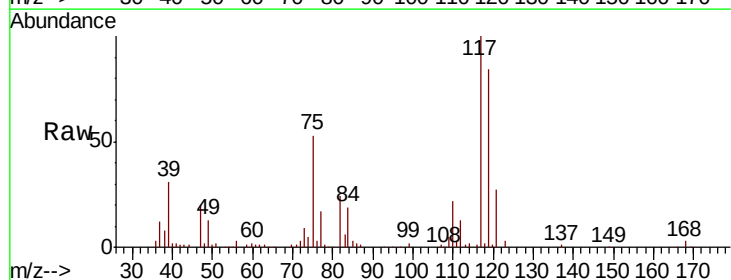
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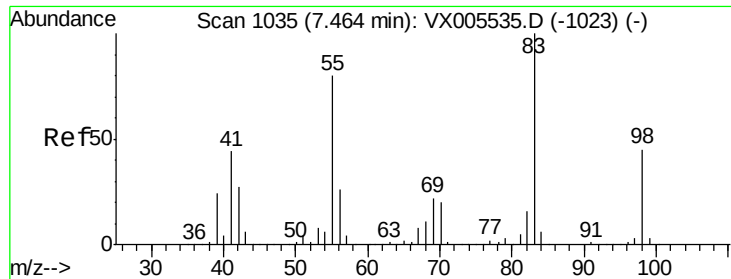
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.694 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	83.5	78.1	117.1
121	27.1	24.6	36.8





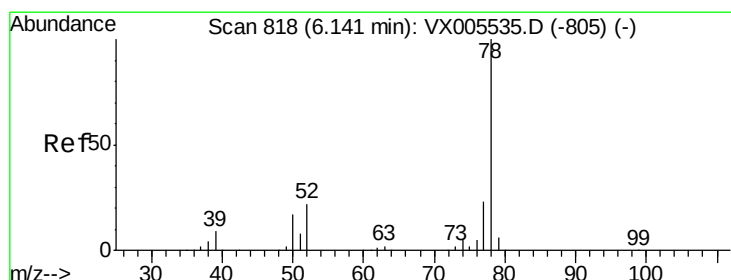
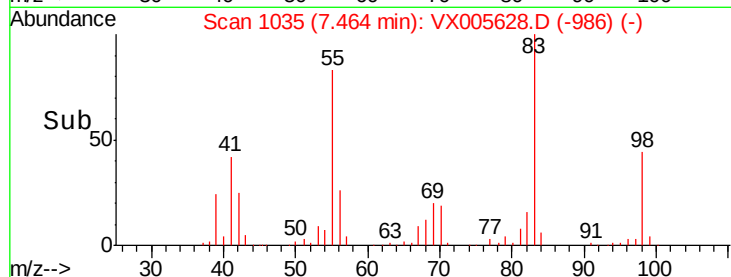
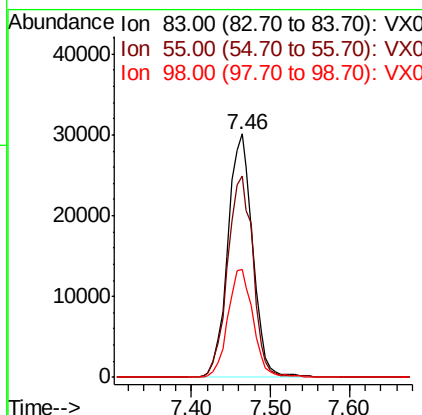
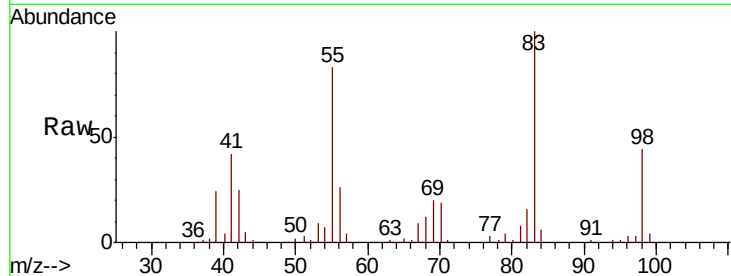
#39
Methylvlcyclohexane
Concen: 18.468 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.7	63.7	95.5
98	44.5	36.2	54.2

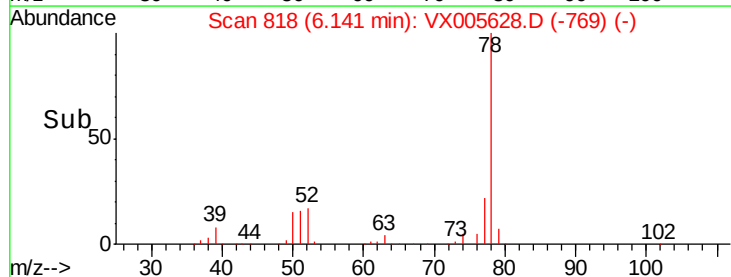
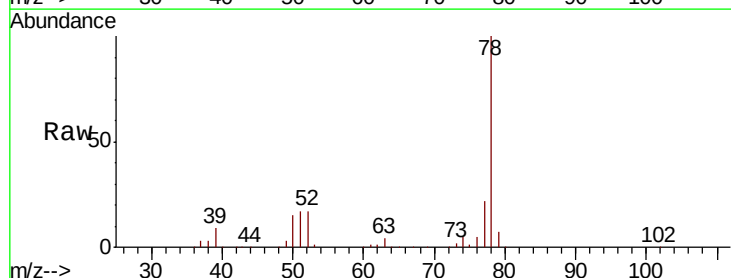
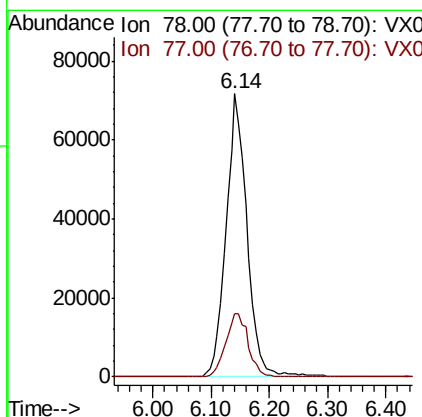
Manual Integrations
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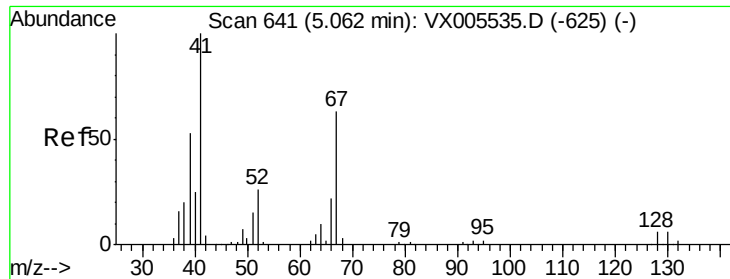
MMDadoda
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#40
Benzene
Concen: 19.288 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.4	27.6





#41

Methacrylonitrile

Concen: 19.240 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

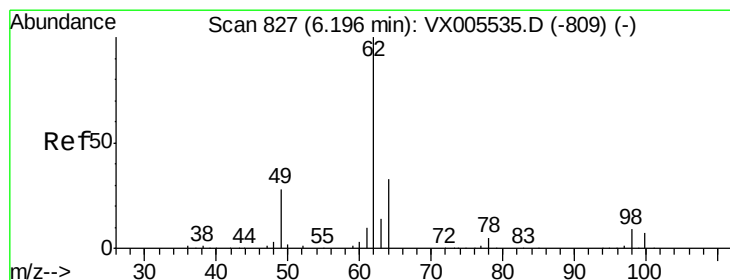
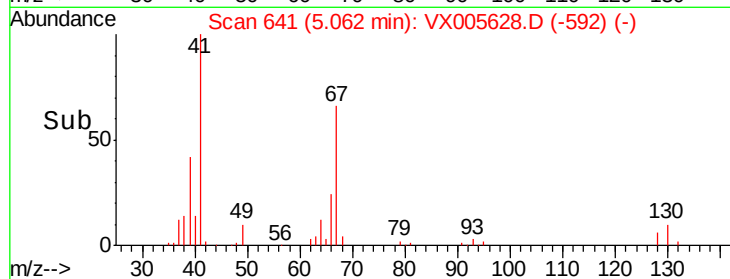
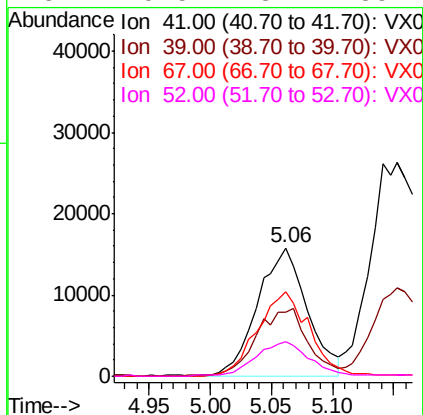
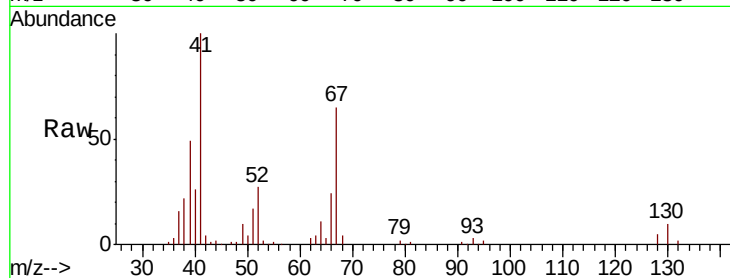
ClientSampleId :

VX1026WBS02

Tot Ion:	41	Resp:	44278
Ion	Ratio	Lower	Upper
41	100		
39	54.3	42.2	63.2
67	70.1	53.4	80.0
52	29.5	23.4	35.2

Manual Integrations
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10/29/2018 12:41:51 PM



#42

1,2-Dichloroethane

Concen: 20.067 ug/l

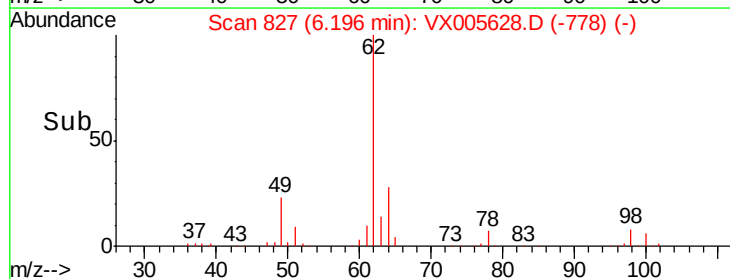
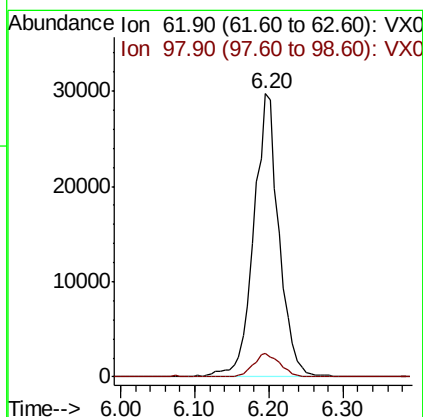
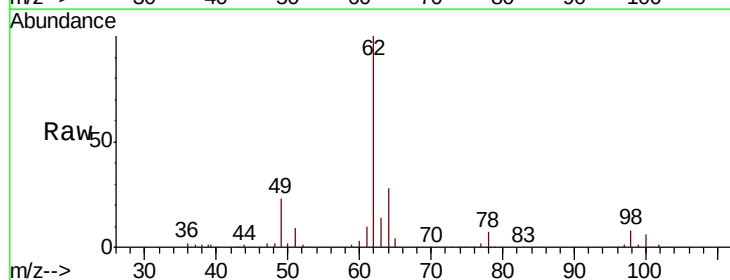
RT: 6.20 min Scan# 827

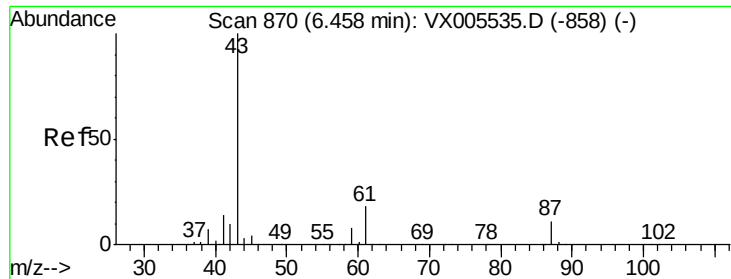
Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Tgt Ion:	62	Resp:	70752
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.8





#43

Isopropyl Acetate

Concen: 18.837 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

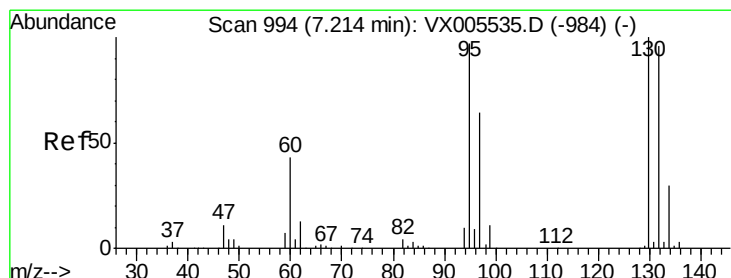
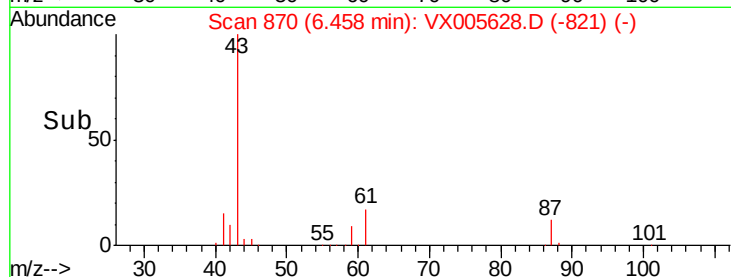
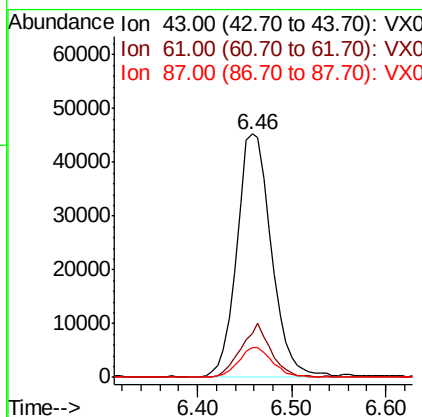
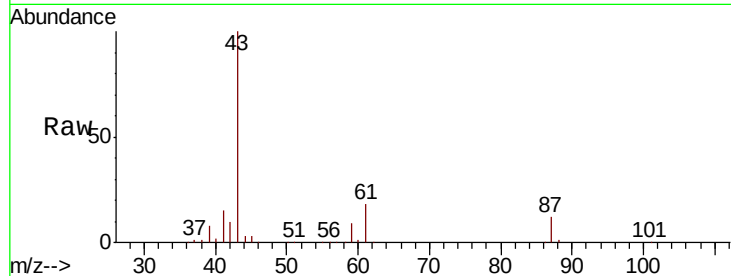
ClientSampleId :

VX1026WBS02

Tot Ion:	43	Resp:	116619
Ion	Ratio	Lower	Upper
43	100		
61	19.3	14.6	22.0
87	12.1	9.6	14.4

Manual Integrations
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#44

Trichloroethene

Concen: 19.702 ug/l

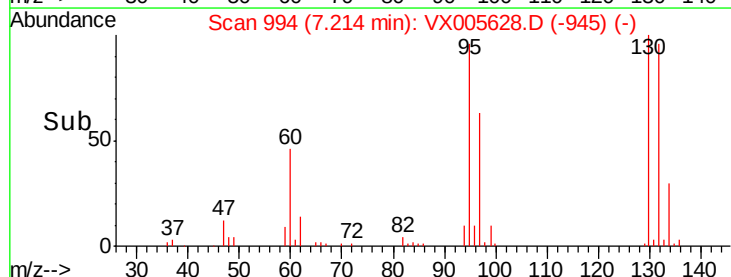
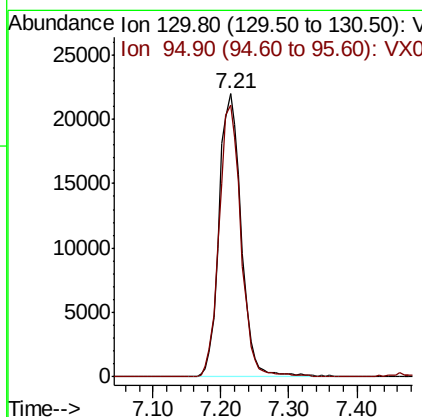
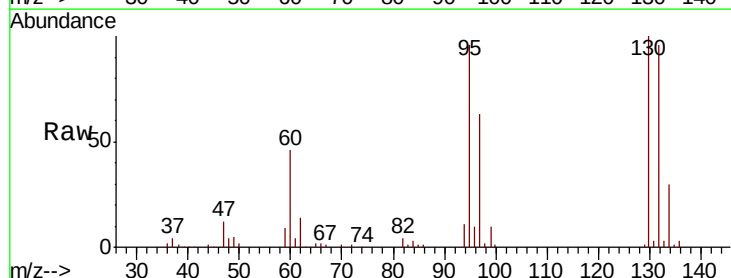
RT: 7.21 min Scan# 994

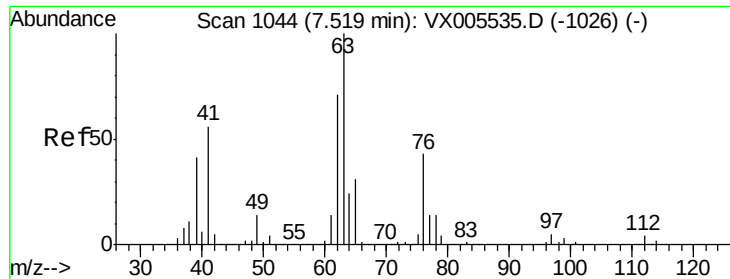
Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Tgt Ion:	130	Resp:	49815
Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	194.2





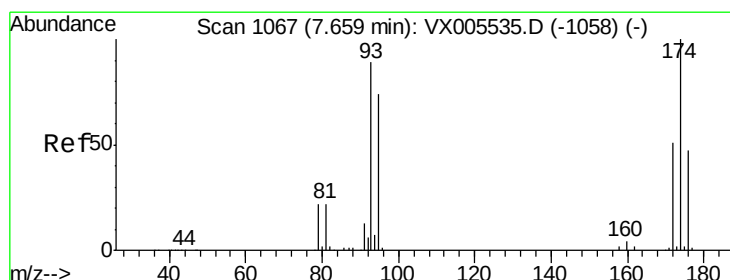
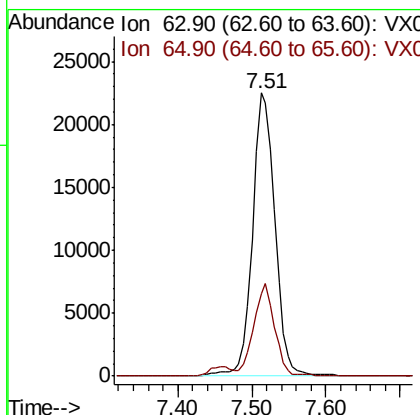
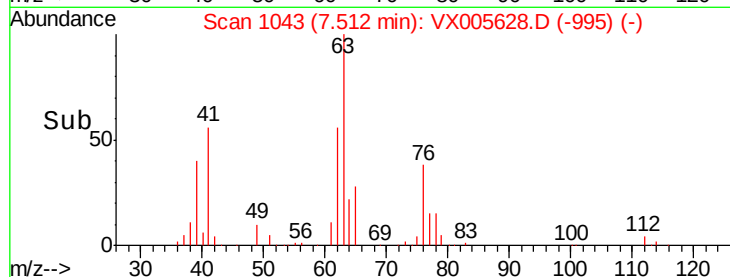
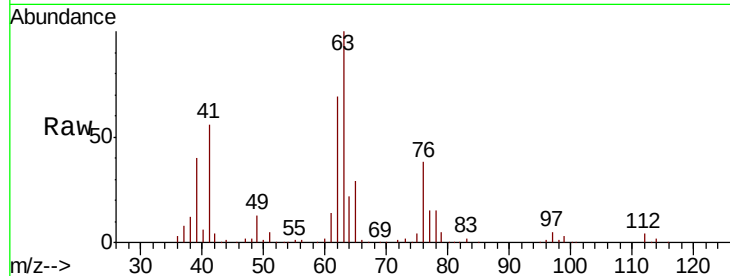
#45
 1,2-Dichloropropane
 Concen: 19.156 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS02

Tot Ion: 63 Resp: 47799
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.8 37.2

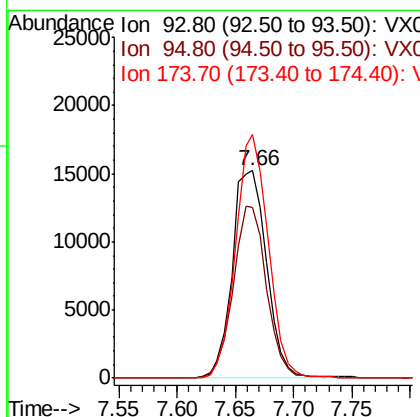
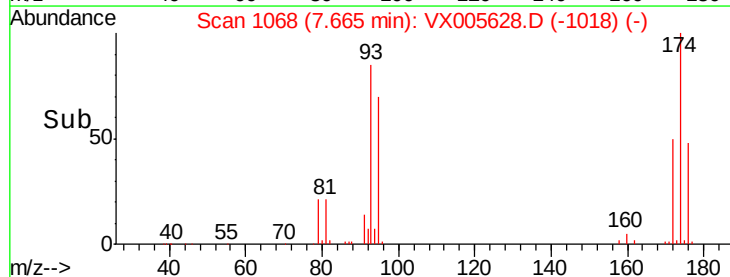
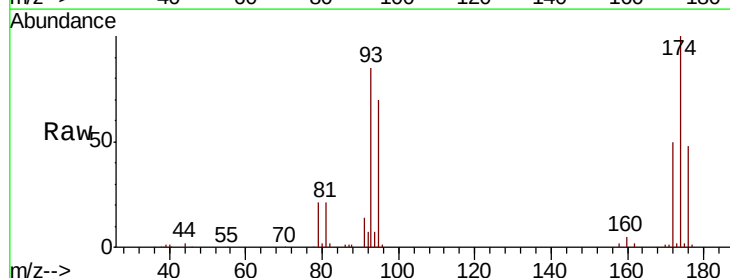
Manual Integrations
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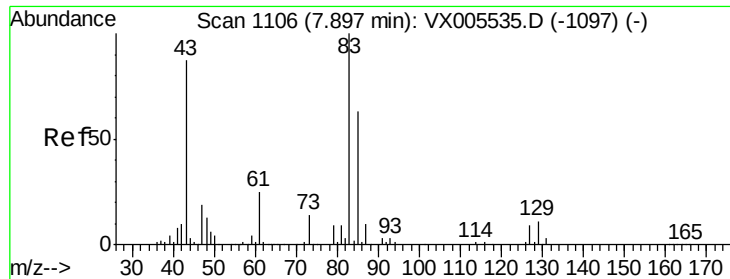
MMDadoda
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#46
 Dibromomethane
 Concen: 19.525 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Tgt Ion: 93 Resp: 31466
 Ion Ratio Lower Upper
 93 100
 95 80.2 67.4 101.0
 174 111.0 91.5 137.3





#47

Bromodichloromethane

Concen: 18.566 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

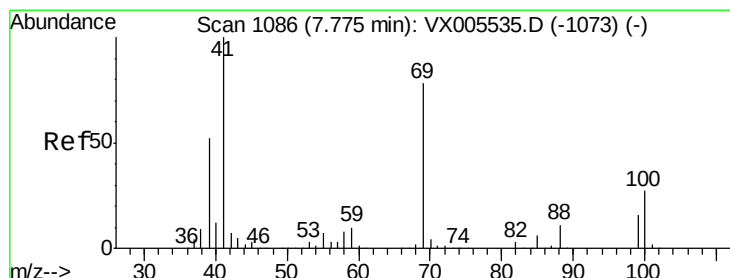
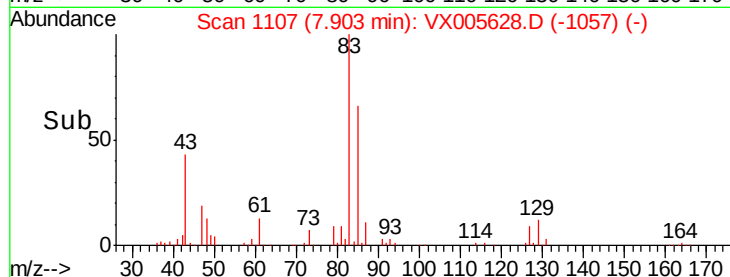
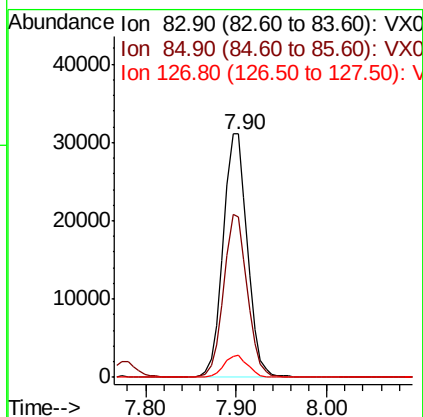
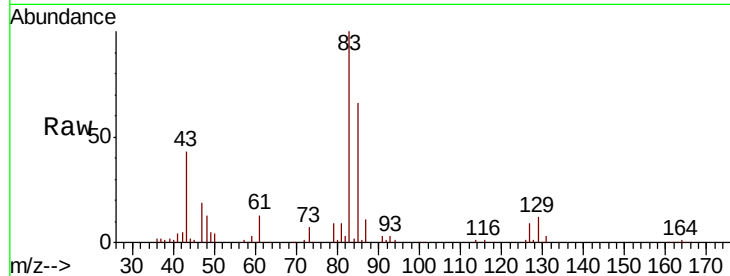
ClientSampleId :

VX1026WBS02

Tot Ion:	83	Resp:	58071
Ion Ratio	Lower	Upper	
83	100		
85	65.7	50.2	75.4
127	9.1	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.335 ug/l

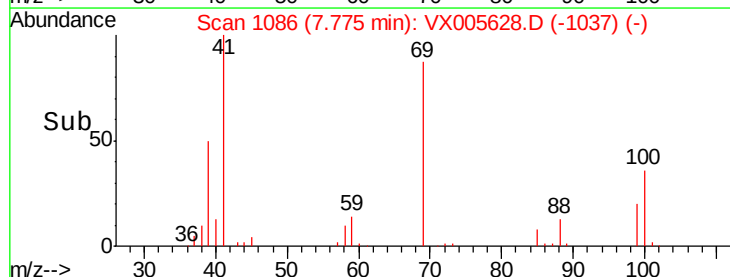
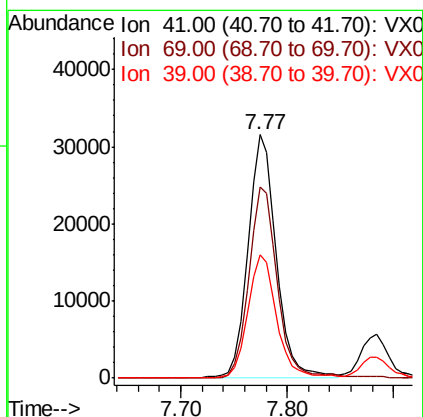
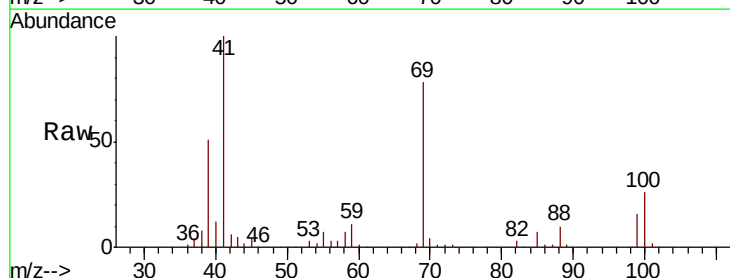
RT: 7.77 min Scan# 1086

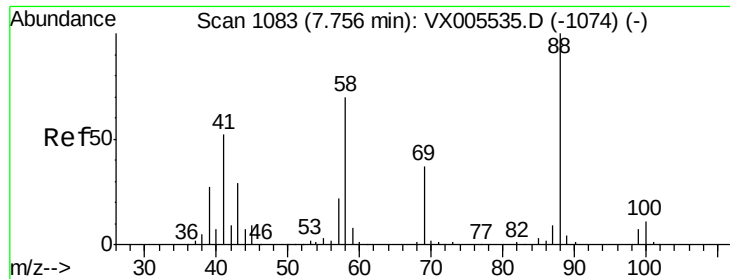
Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Tgt Ion:	41	Resp:	58316
Ion Ratio	Lower	Upper	
41	100		
69	79.7	63.2	94.8
39	52.4	42.2	63.2





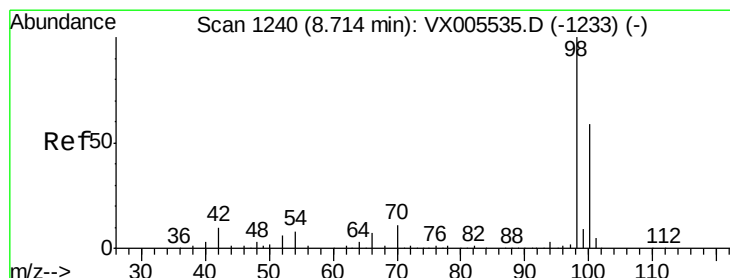
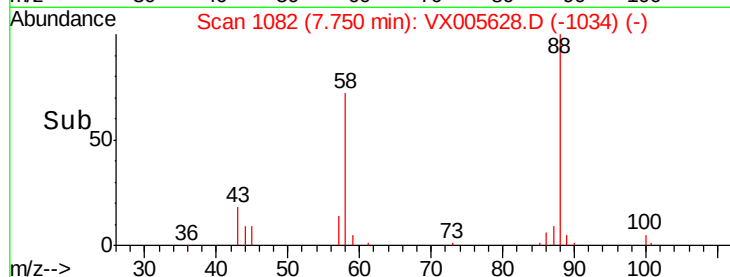
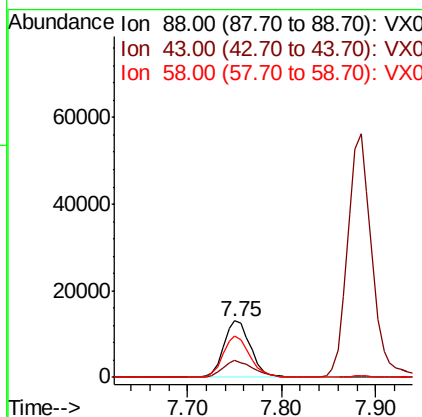
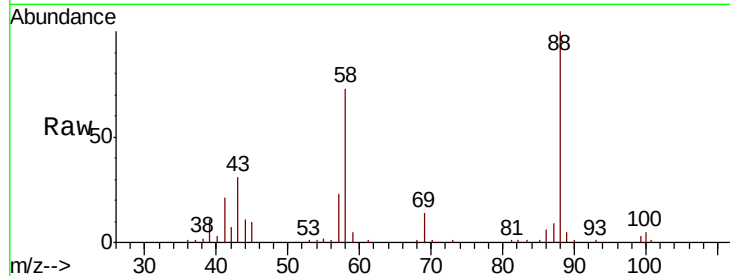
#49
 1,4-Dioxane
 Concen: 390.894 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.8	27.4	41.0
58	73.2	59.4	89.2

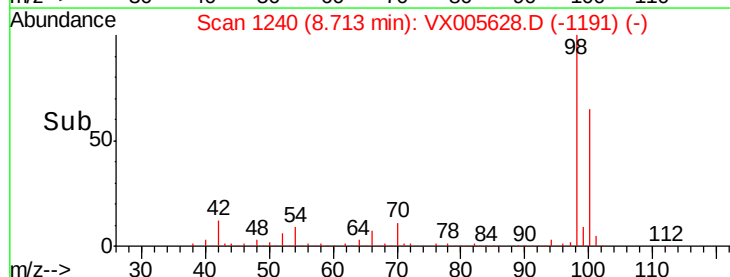
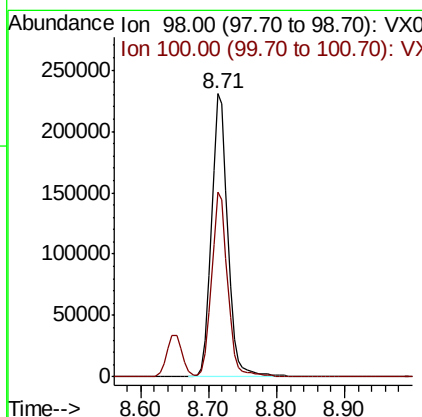
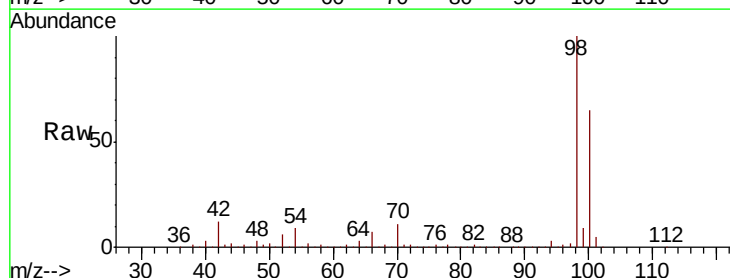
Manual Integrations
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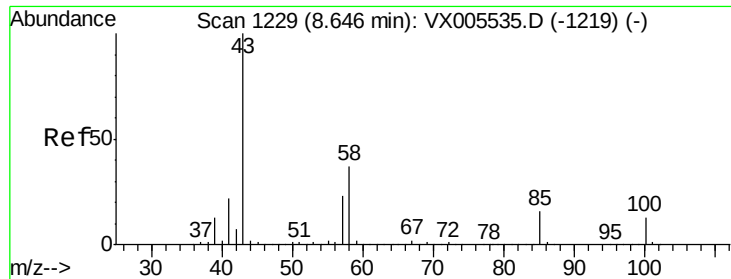
MMDadoda
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#50
 Toluene-d8
 Concen: 47.156 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.3	76.9





#51

4-Methyl-2-Pentanone

Concen: 97.545 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS02

Tot Ion: 43 Resp: 405859

Ion Ratio Lower Upper

43 100

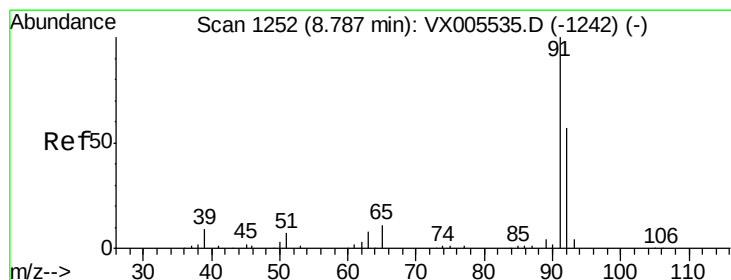
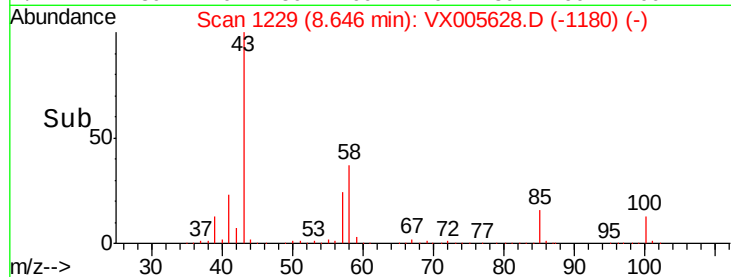
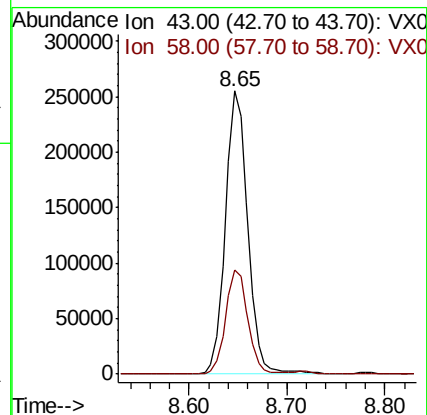
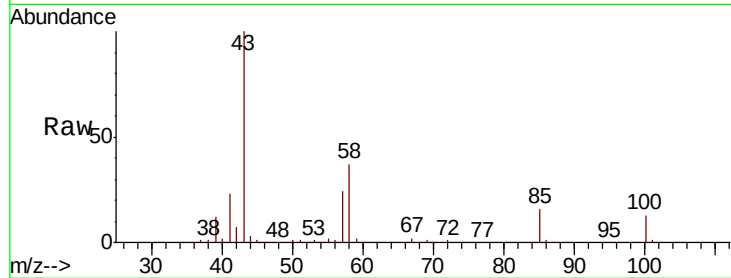
58 36.4 29.7 44.5

Manual Integrations

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#52

Toluene

Concen: 19.625 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005628.D

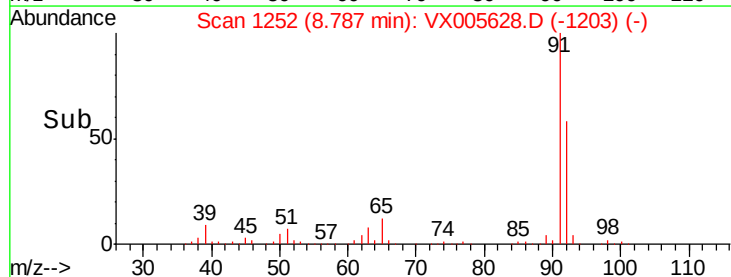
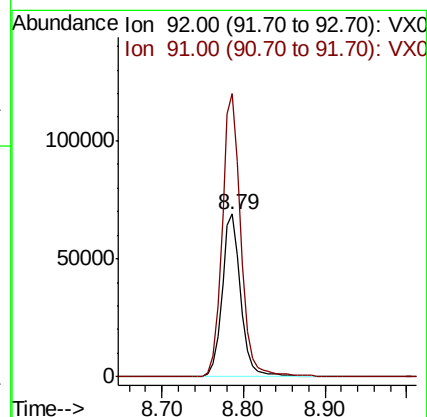
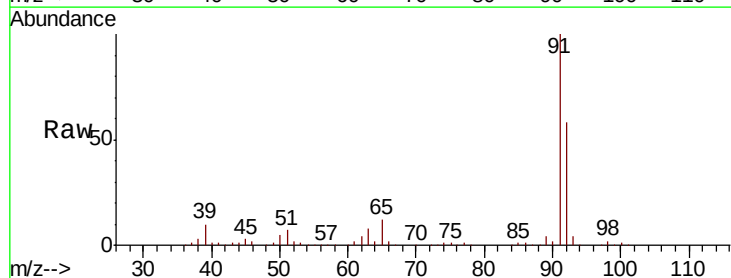
Acq: 27 Oct 2018 02:28

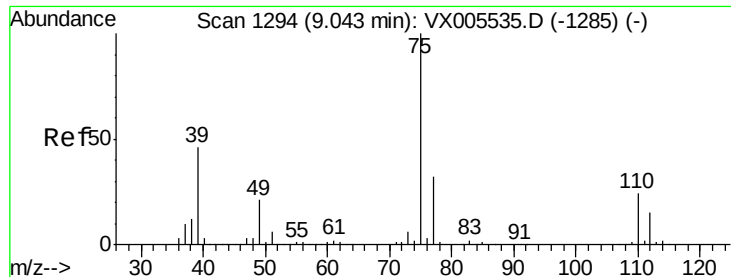
Tgt Ion: 92 Resp: 110697

Ion Ratio Lower Upper

92 100

91 174.6 140.4 210.6





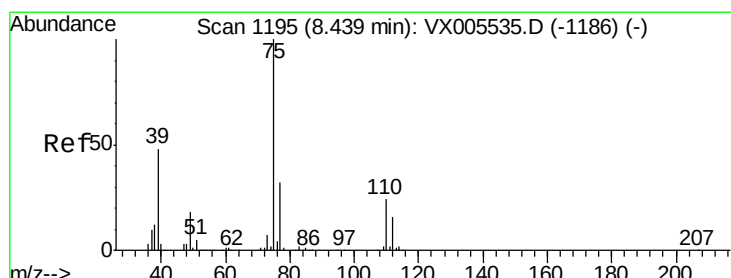
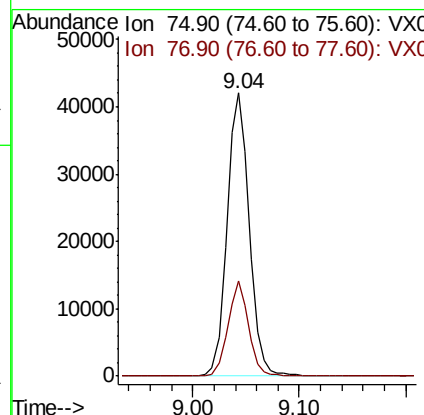
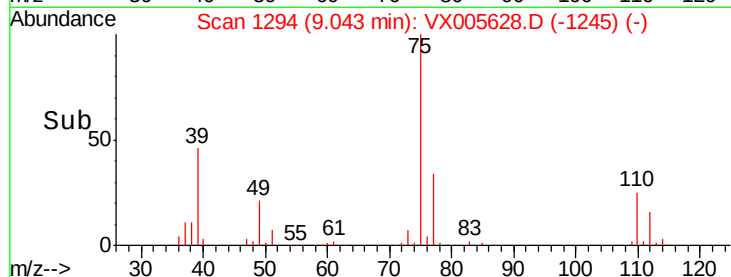
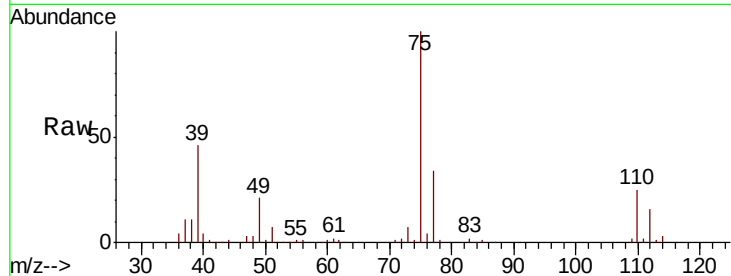
#53
 t-1,3-Dichloropropene
 Concen: 18.034 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS02

Tot Ion: 75 Resp: 60964
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.4 38.2

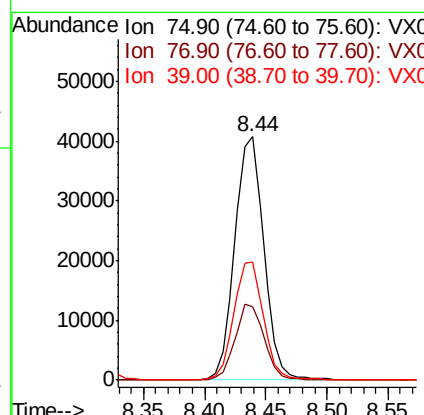
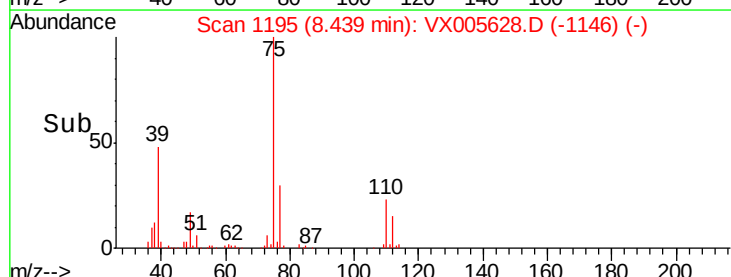
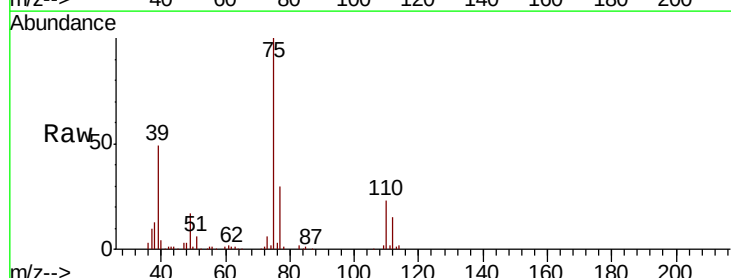
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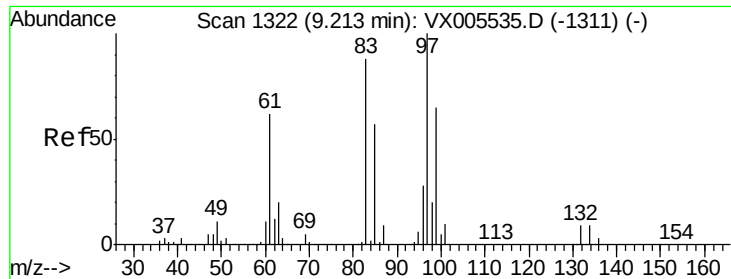
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#54
 cis-1,3-Dichloropropene
 Concen: 18.461 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Tgt Ion: 75 Resp: 67189
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.2 37.8
 39 48.5 38.2 57.2





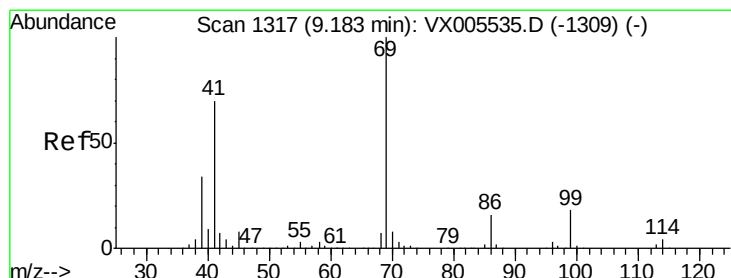
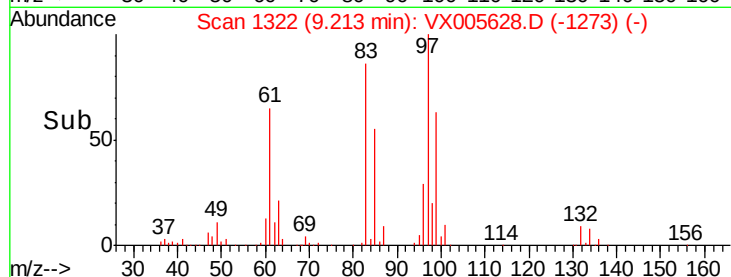
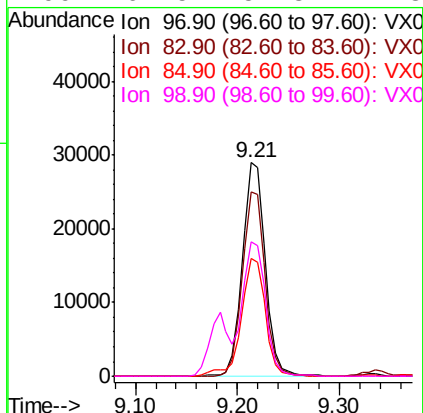
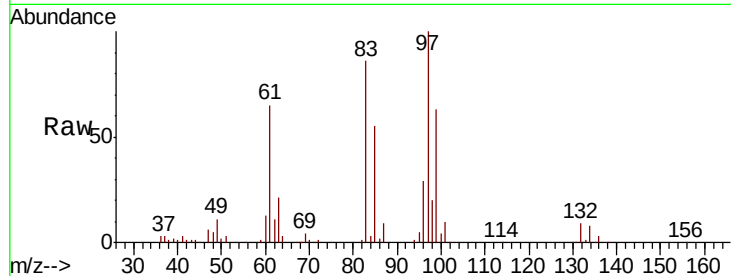
#55
 1,1,2-Trichloroethane
 Concen: 18.965 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS02

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.7	106.1
85	55.0	45.8	68.6
99	62.5	51.8	77.8

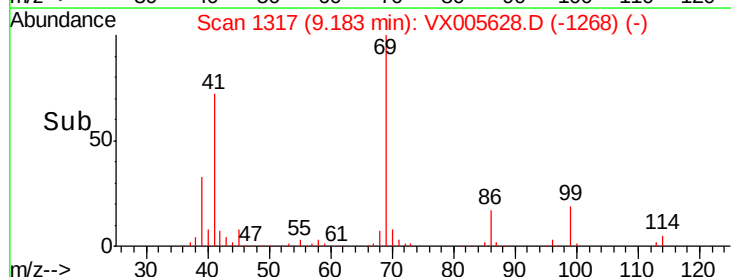
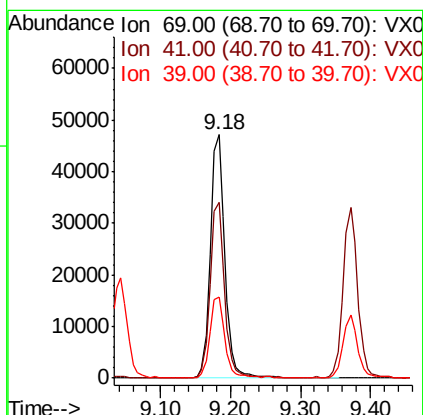
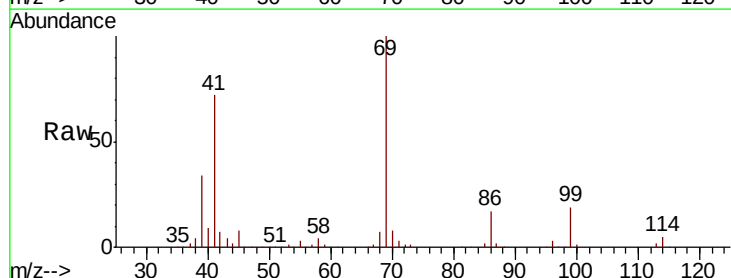
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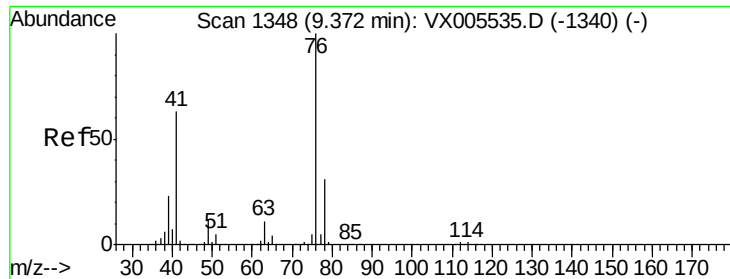
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#56
 Ethyl methacrylate
 Concen: 19.102 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.7	57.0	85.6
39	34.5	28.3	42.5





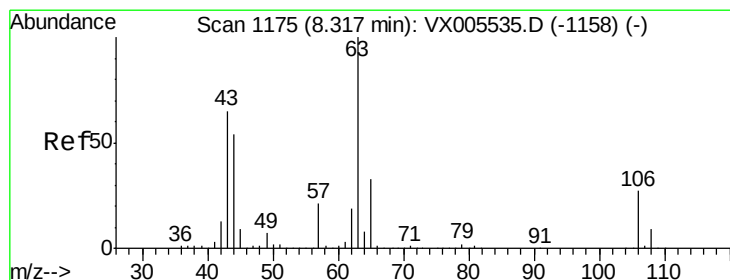
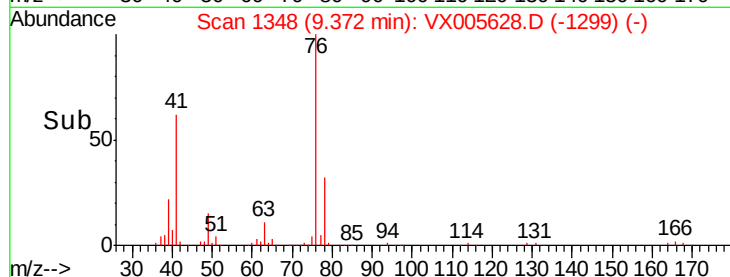
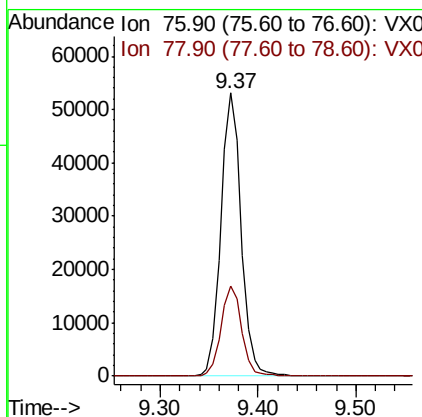
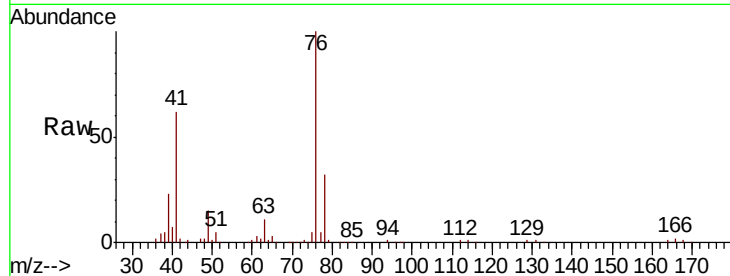
#57
 1,3-Dichloropropane
 Concen: 18.977 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS02

Tot Ion: 76 Resp: 76360
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.3 37.9

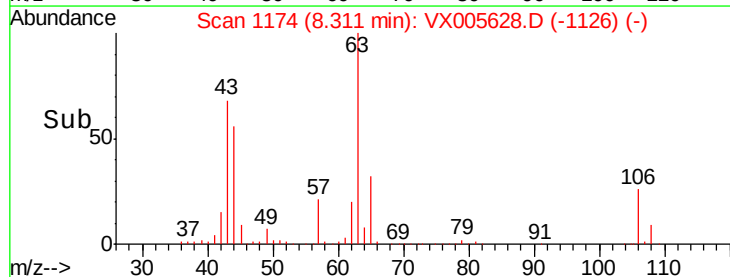
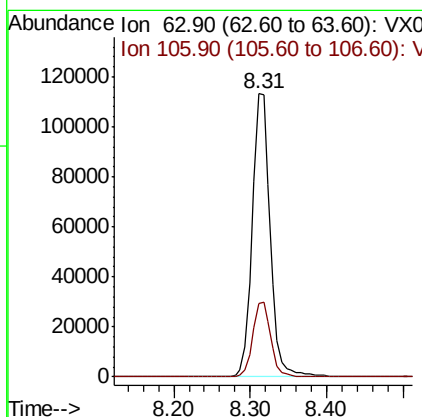
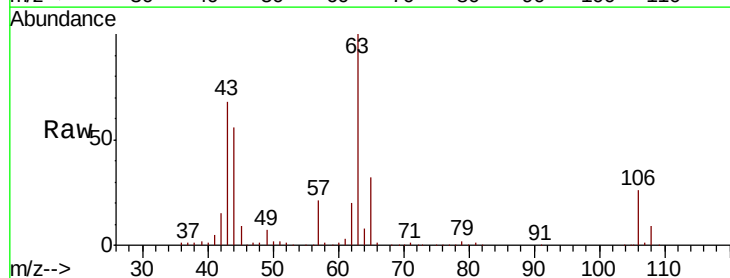
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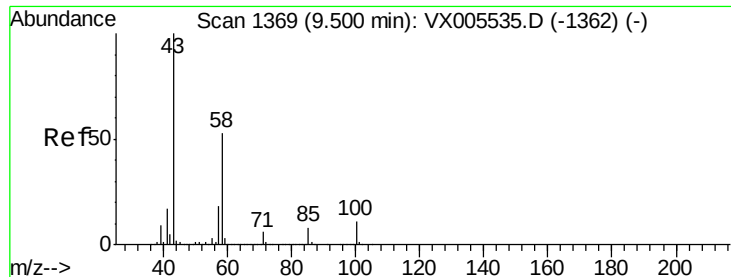
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#58
 2-Chloroethyl Vinyl ether
 Concen: 93.670 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Tgt Ion: 63 Resp: 185569
 Ion Ratio Lower Upper
 63 100
 106 26.6 21.3 31.9





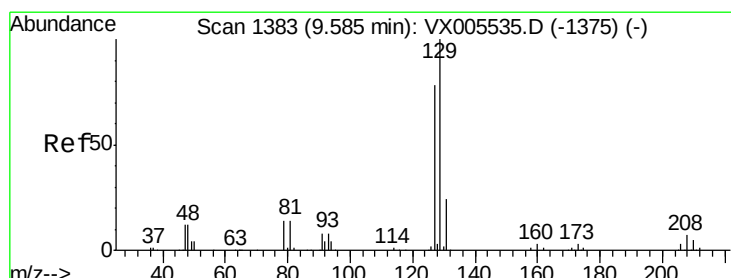
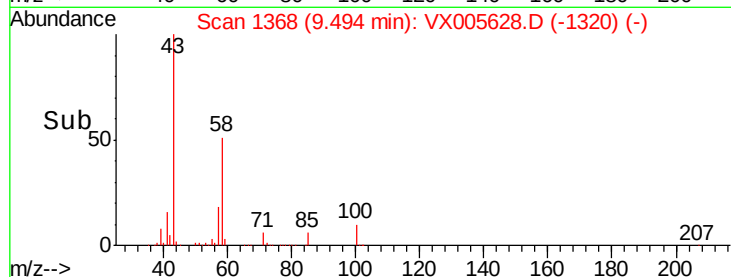
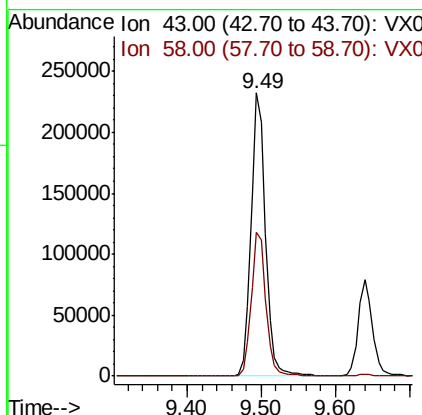
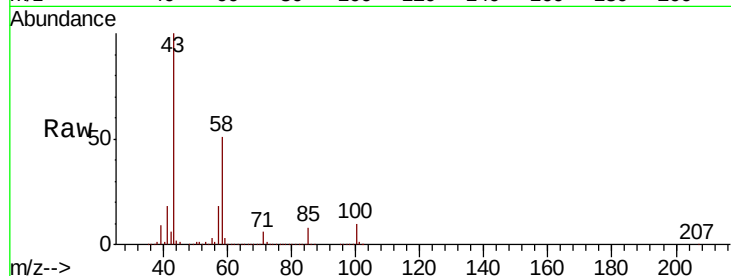
#59
2-Hexanone
Concen: 96.547 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS02

Tot Ion: 43 Resp: 316727
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.8

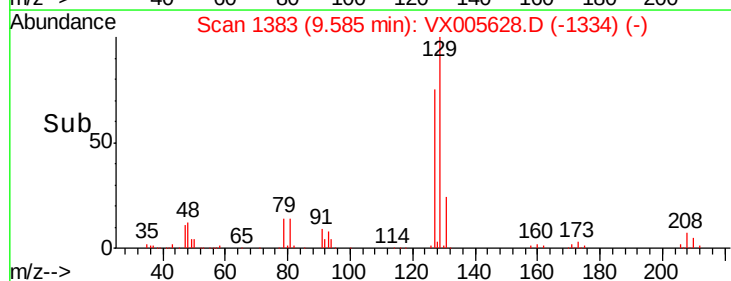
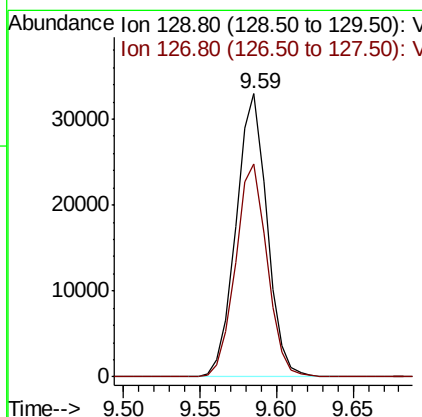
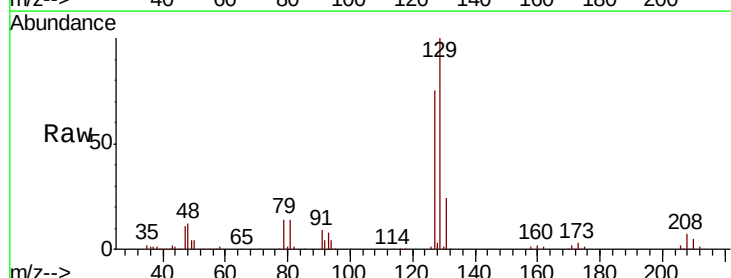
Manual Integrations
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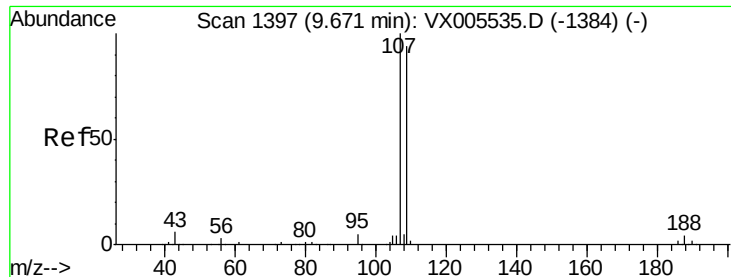
MMDadoda
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#60
Dibromochloromethane
Concen: 18.714 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Tgt Ion: 129 Resp: 46432
Ion Ratio Lower Upper
129 100
127 76.1 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.035 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS02

Tot Ion:107 Resp: 46830

Ion Ratio Lower Upper

107 100

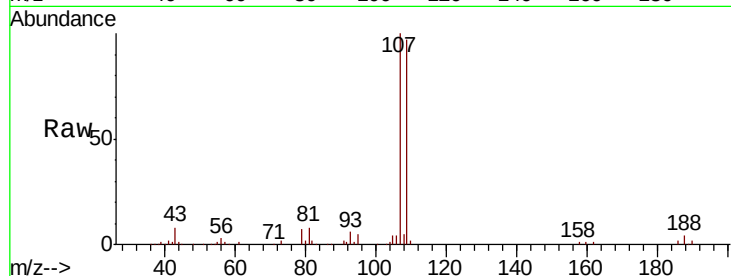
109 94.3 75.7 113.5

Manual Integrations

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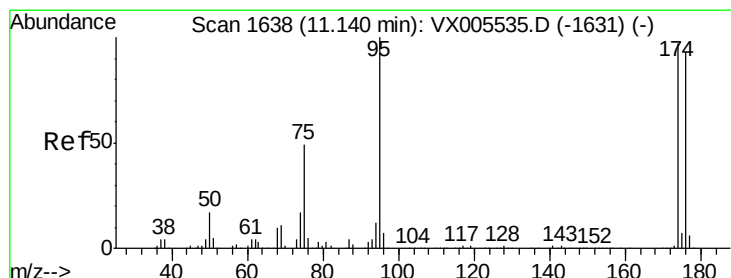
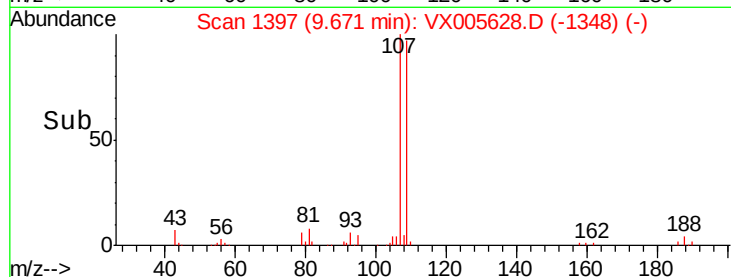
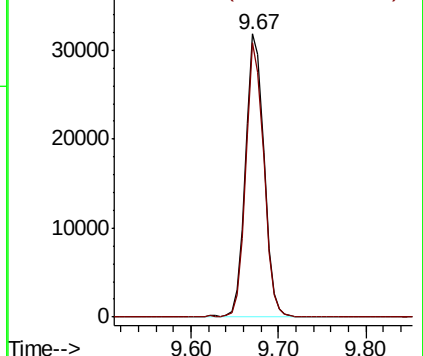
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.349 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

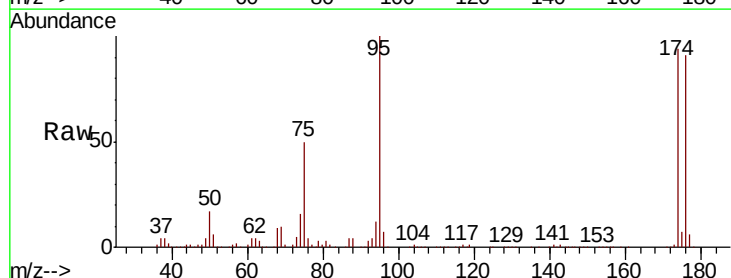
Tgt Ion: 95 Resp: 142076

Ion Ratio Lower Upper

95 100

174 91.7 0.0 184.4

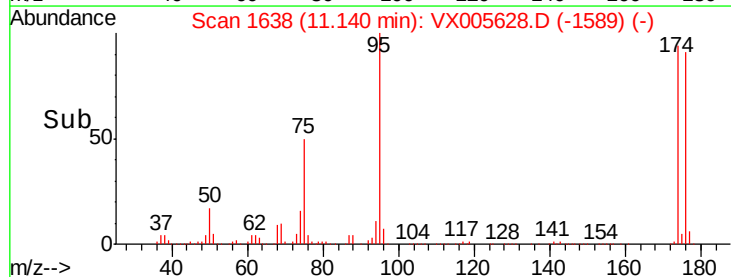
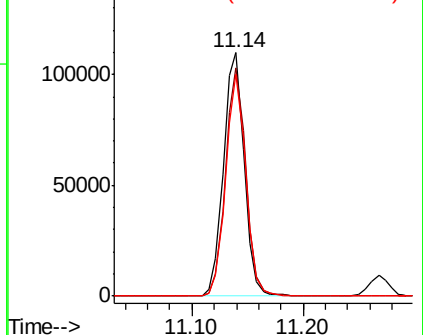
176 88.2 0.0 177.4

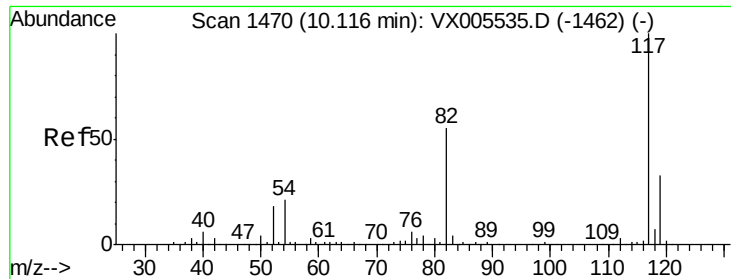


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

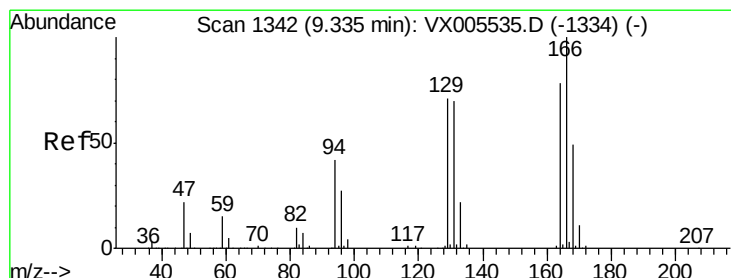
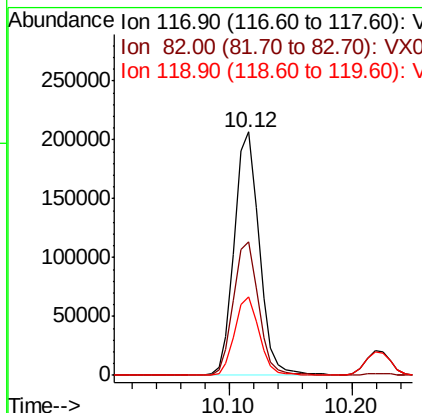
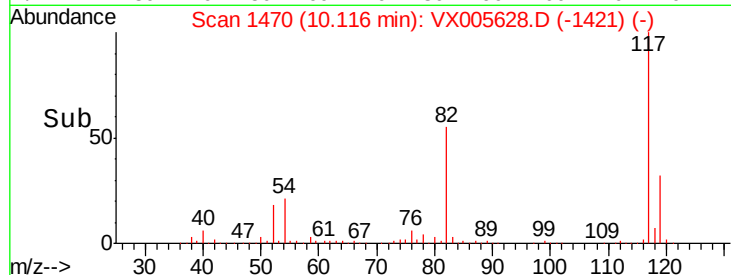
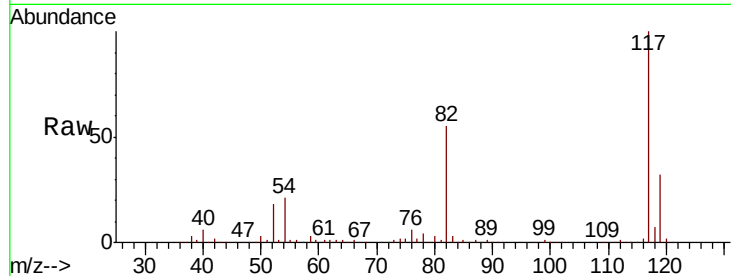
ClientSampleId :

VX1026WBS02

Tot Ion:	117	Resp:	291555
Ion Ratio	Lower	Upper	
117	100		
82	54.7	44.1	66.1
119	32.1	26.2	39.2

Manual Integrations
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#64

Tetrachloroethene

Concen: 21.304 ug/l

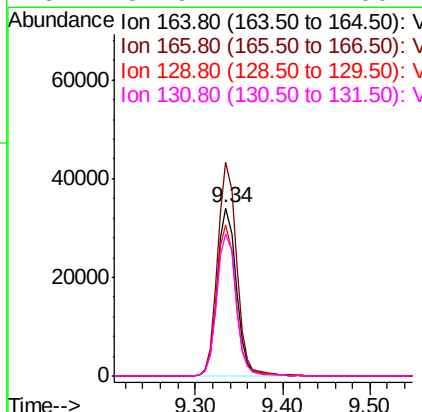
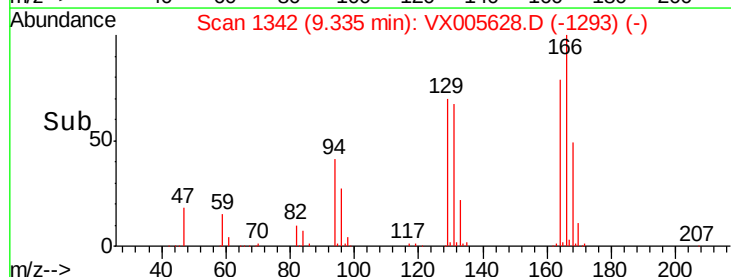
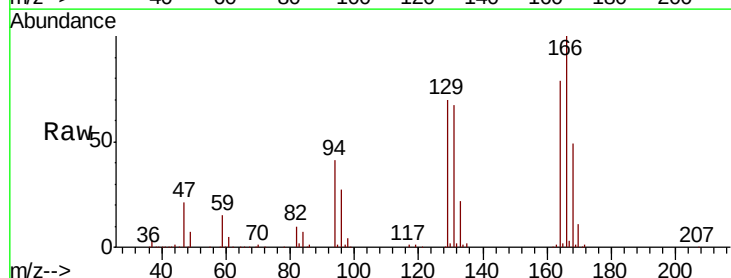
RT: 9.34 min Scan# 1342

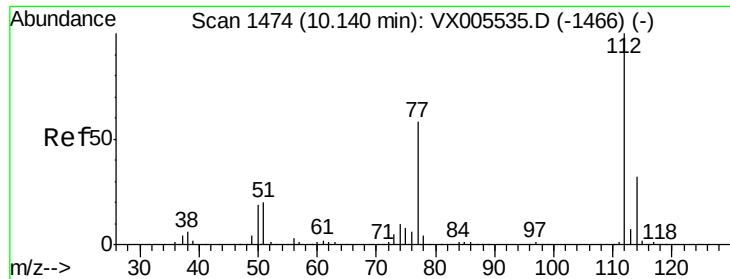
Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Tgt Ion:	164	Resp:	51562
Ion Ratio	Lower	Upper	
164	100		
166	127.1	101.9	152.9
129	89.6	72.6	109.0
131	84.9	71.1	106.7





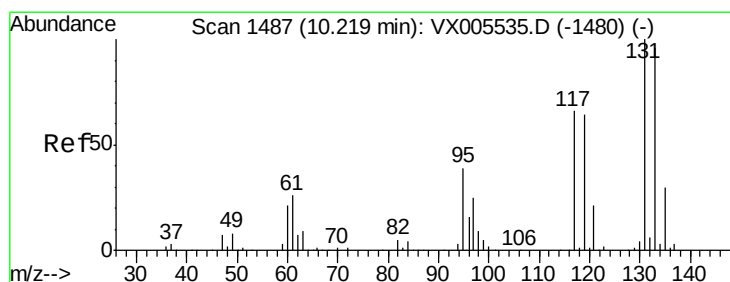
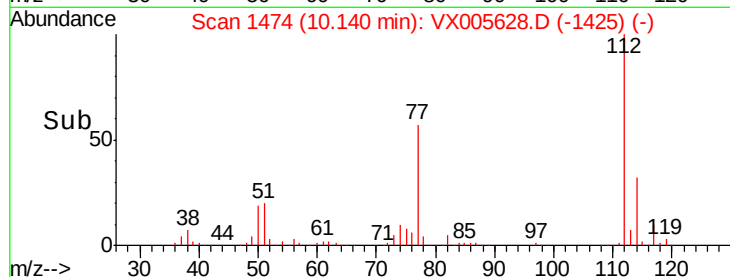
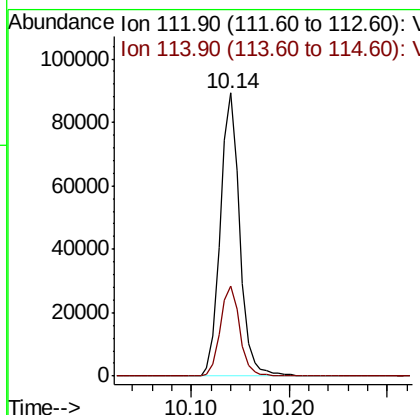
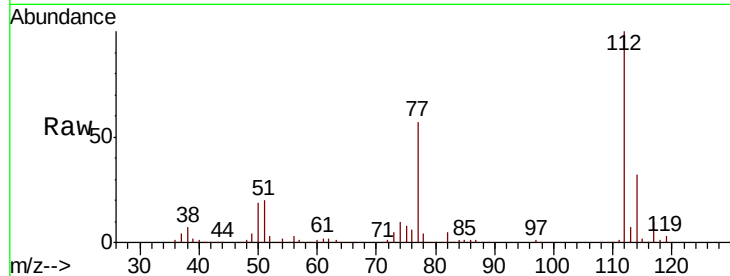
#65
Chlorobenzene
Concen: 19.804 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS02

Tot Ion:112 Resp: 122954
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6

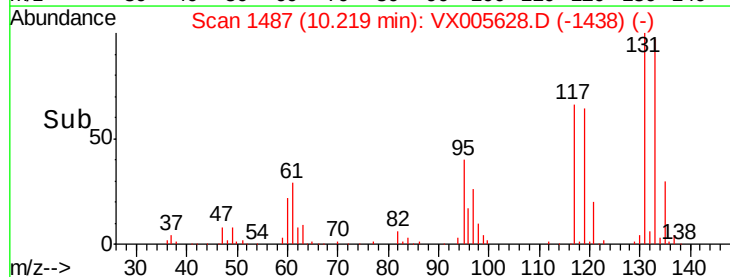
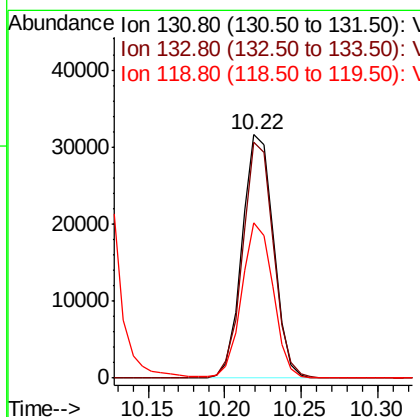
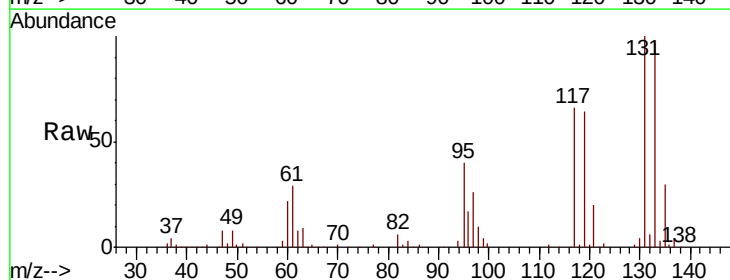
Manual Integrations
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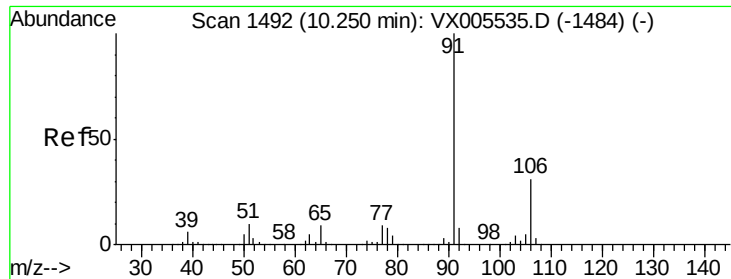
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.883 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Tgt Ion:131 Resp: 45011
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.5
119 63.6 31.8 95.3





#67

Ethyl Benzene

Concen: 20.324 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS02

Tot Ion: 91 Resp: 207605

Ion Ratio Lower Upper

91 100

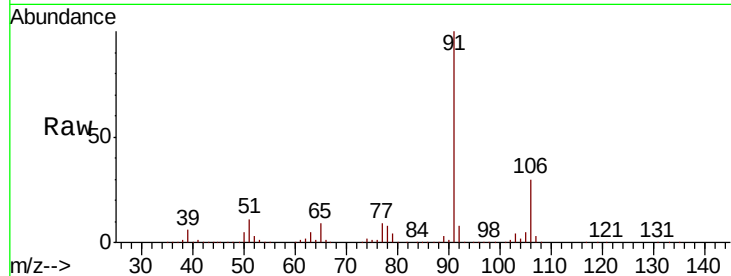
106 29.9 24.4 36.6

Manual Integrations

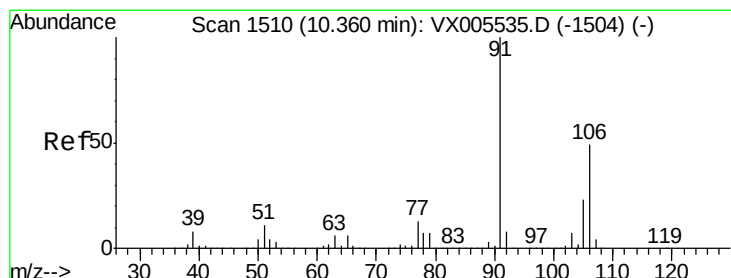
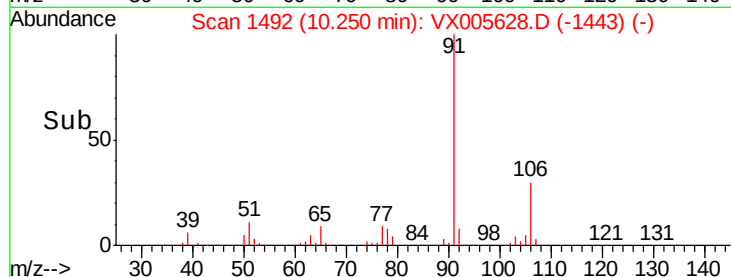
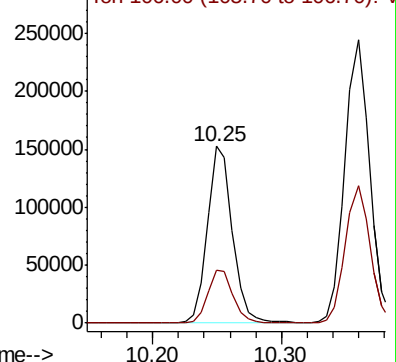
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Abundance Ion 91.00 (90.70 to 91.70): VX005535.D (-1484) (-)



#68

m/p-Xylenes

Concen: 40.315 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005628.D

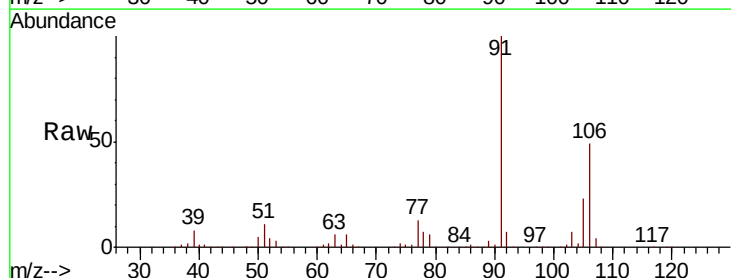
Acq: 27 Oct 2018 02:28

Tgt Ion: 106 Resp: 159770

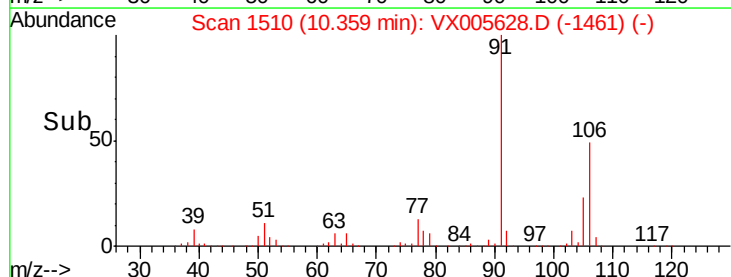
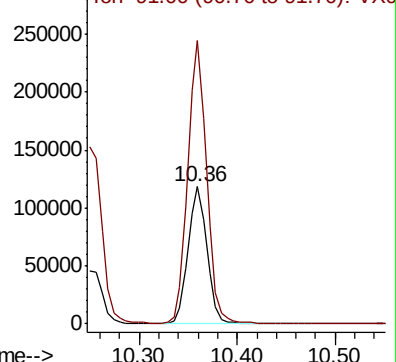
Ion Ratio Lower Upper

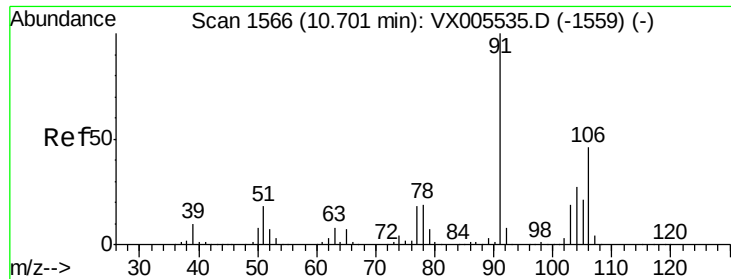
106 100

91 204.6 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005535.D (-1504) (-)





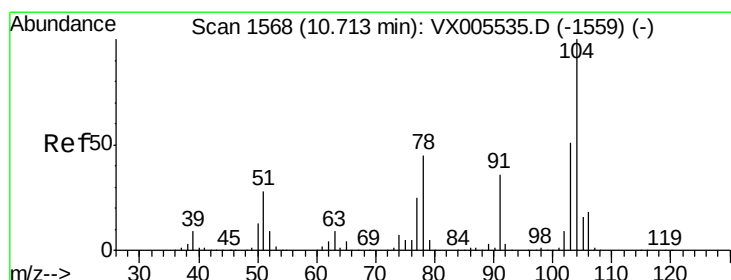
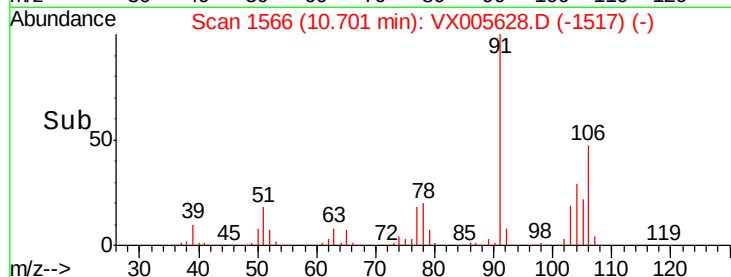
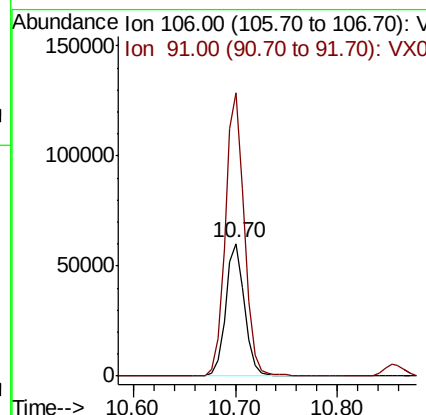
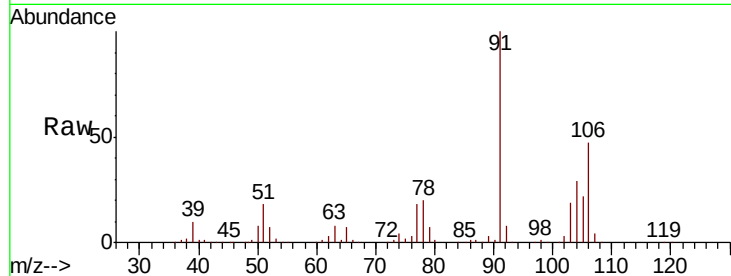
#69
o-Xylene
Concen: 20.780 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS02

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	215.1	108.5	325.5	

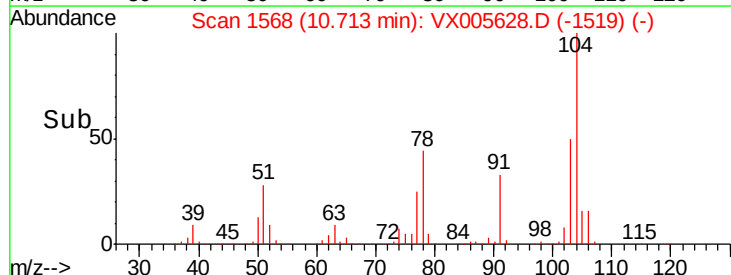
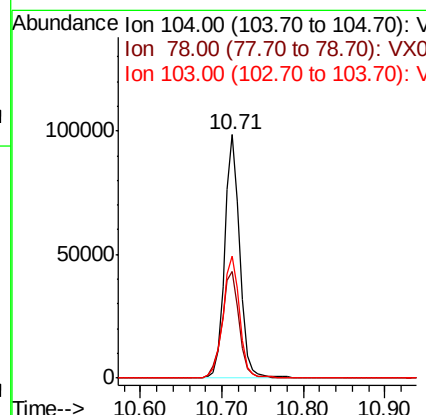
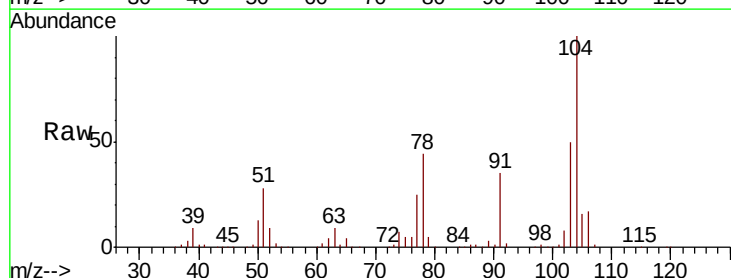
Manual Integrations
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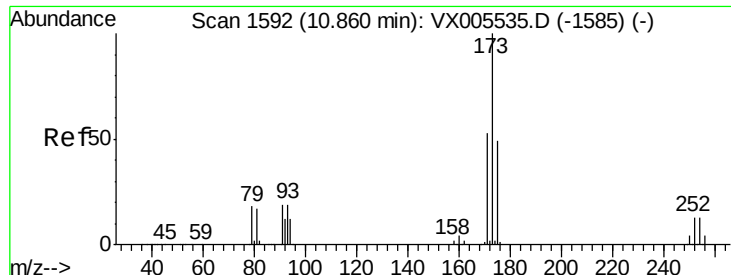
MMDadoda
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#70
Styrene
Concen: 20.450 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	50.3	40.2	60.4	
103	55.7	44.9	67.3	





#71

Bromoform

Concen: 18.976 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

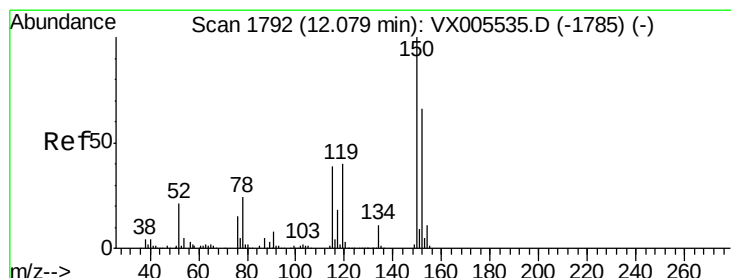
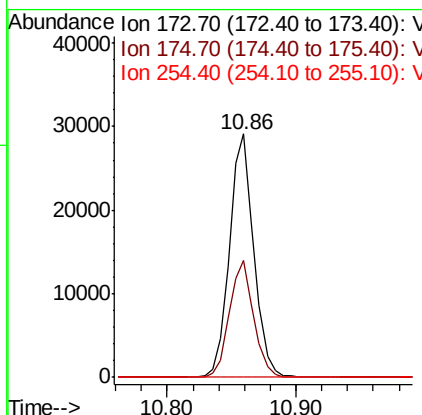
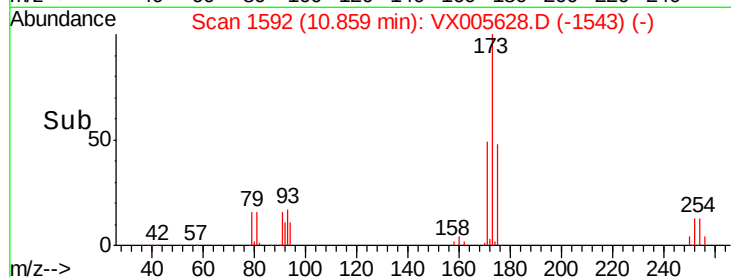
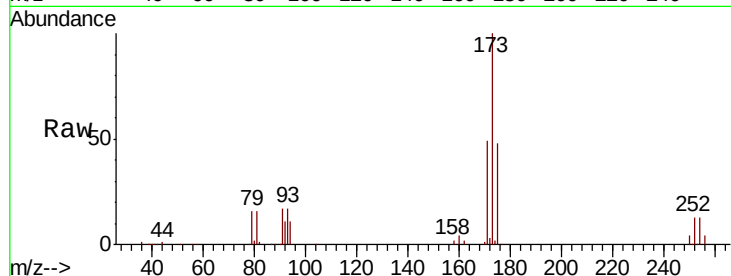
ClientSampleId :

VX1026WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.8	74.3
254	0.0	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

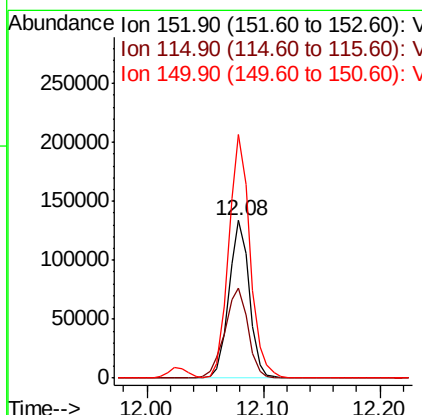
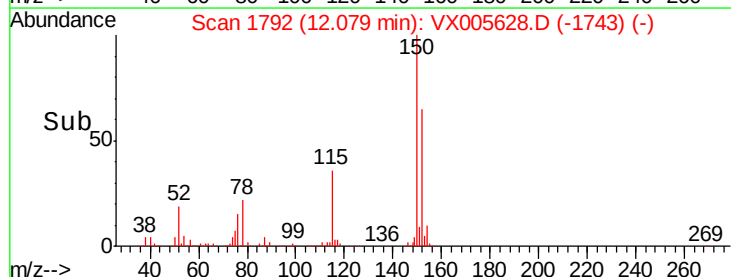
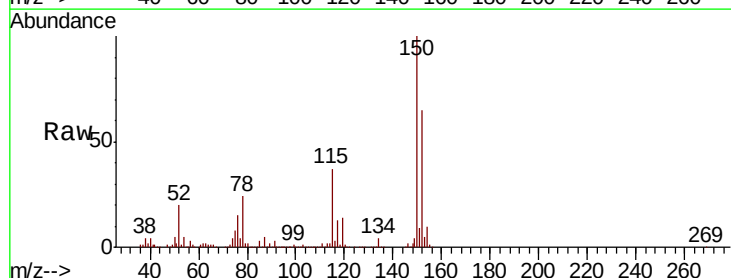
RT: 12.08 min Scan# 1792

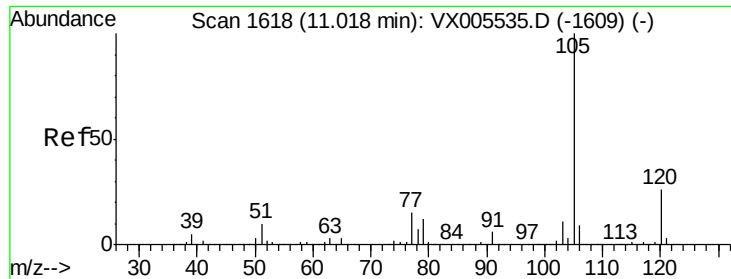
Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.2	39.4	118.1
150	162.2	0.0	346.4





#73

Isopropylbenzene

Concen: 21.408 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS02

Tot Ion: 105 Resp: 212054

Ion Ratio Lower Upper

105 100

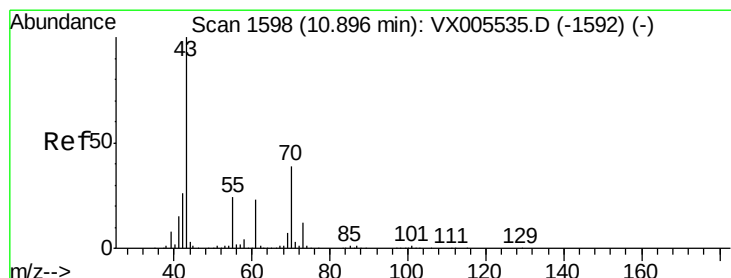
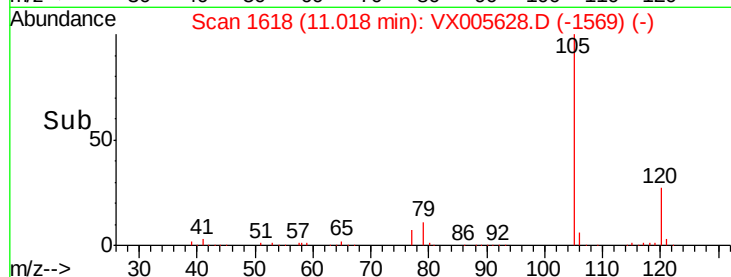
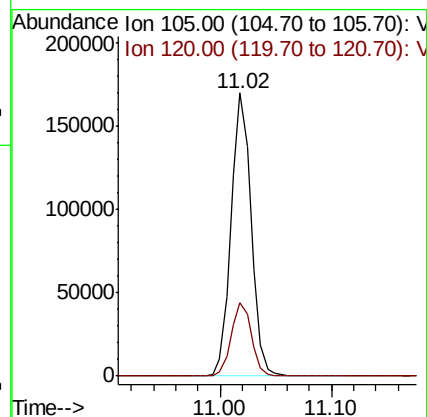
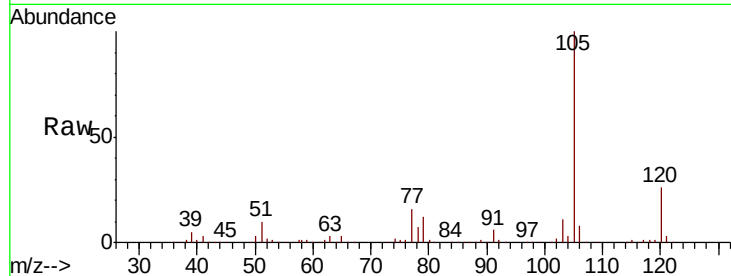
120 26.2 13.1 39.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.145 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Tgt Ion: 43 Resp: 98870

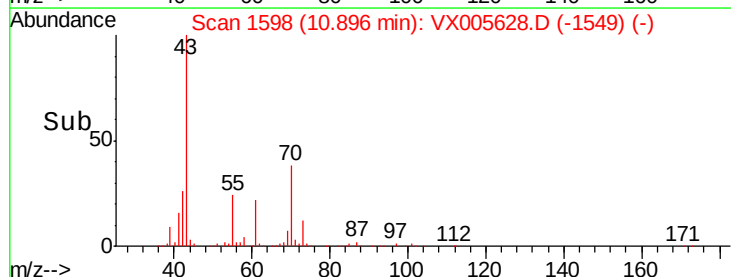
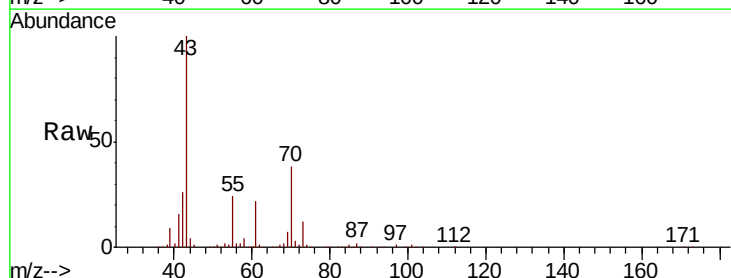
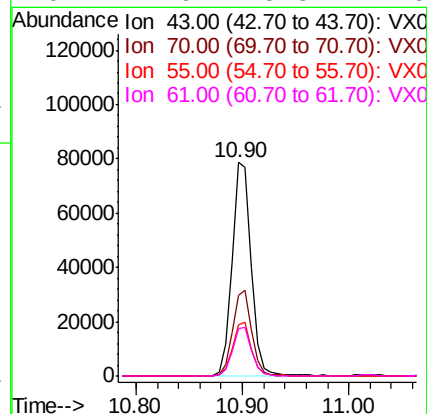
Ion Ratio Lower Upper

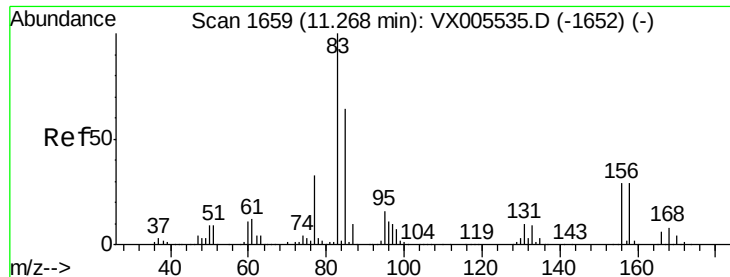
43 100

70 40.1 31.6 47.4

55 25.3 19.7 29.5

61 22.9 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.859 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

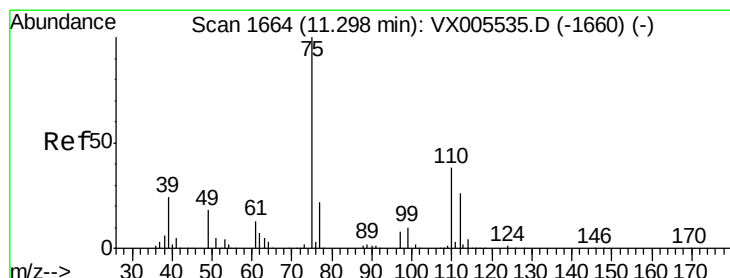
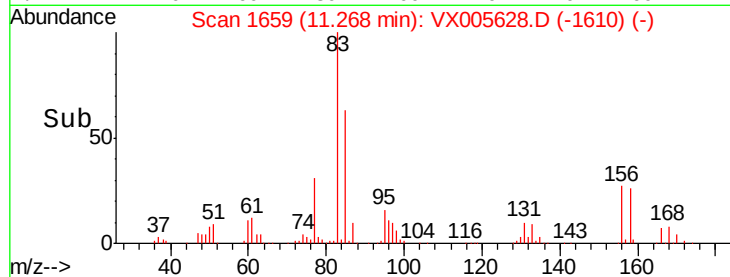
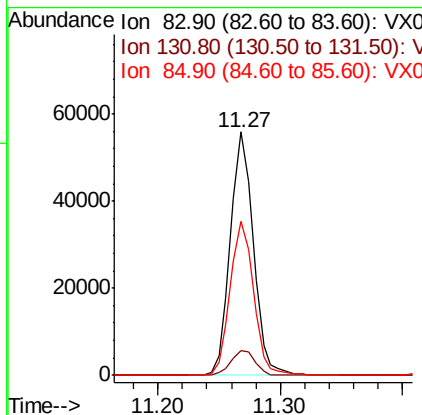
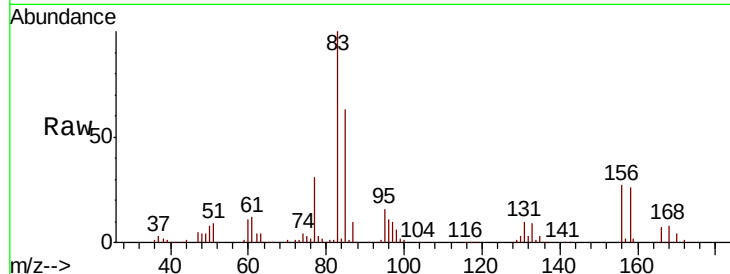
ClientSampleId :

VX1026WBS02

Tot Ion:	83	Resp:	72571
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	15.9
85	64.5	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.185 ug/l m

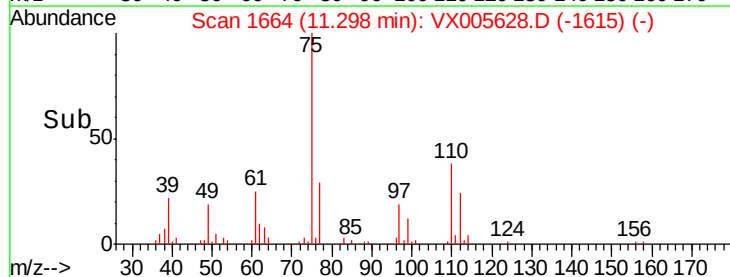
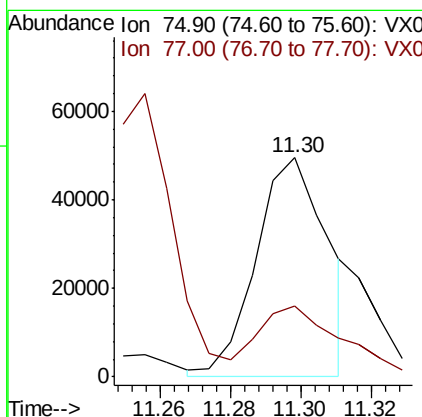
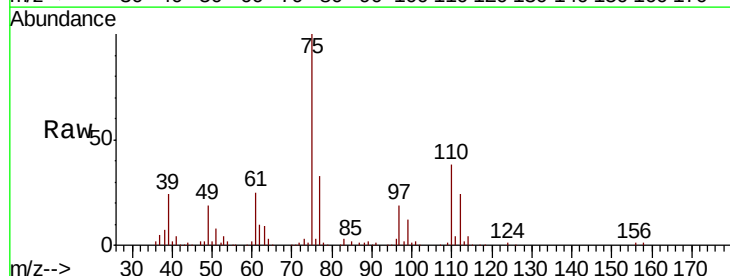
RT: 11.30 min Scan# 1664

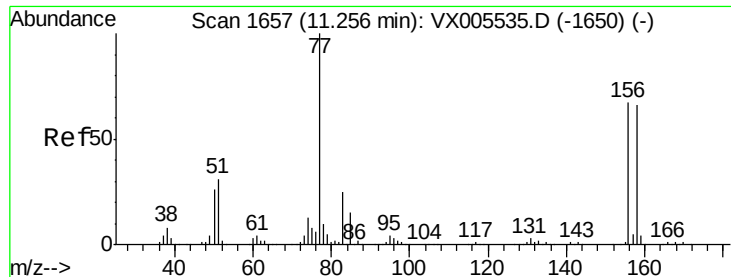
Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Tgt Ion:	75	Resp:	69301
Ion Ratio	Lower	Upper	
75	100		
77	38.3	20.5	61.6





#77

Bromobenzene

Concen: 20.245 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS02

Tot Ion:156 Resp: 55887

Ion Ratio Lower Upper

156 100

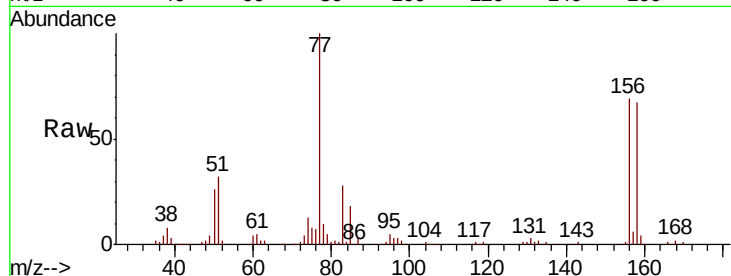
77 149.1 74.8 224.4

158 97.9 49.1 147.3

Manual Integrations
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MMDadoda

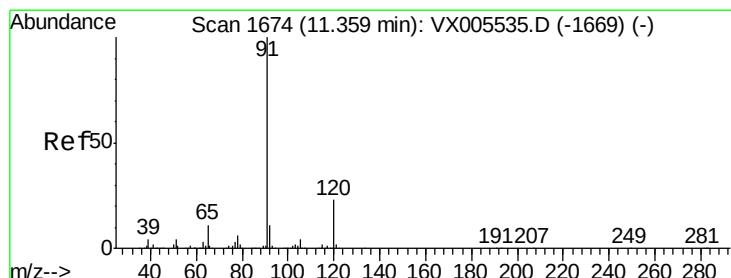
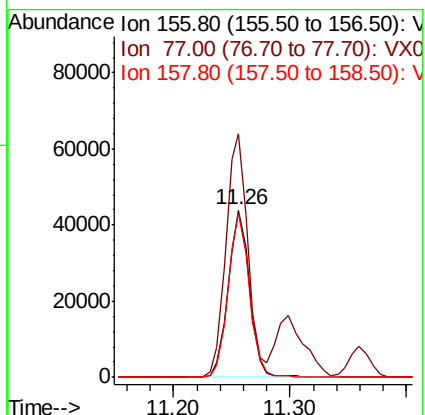
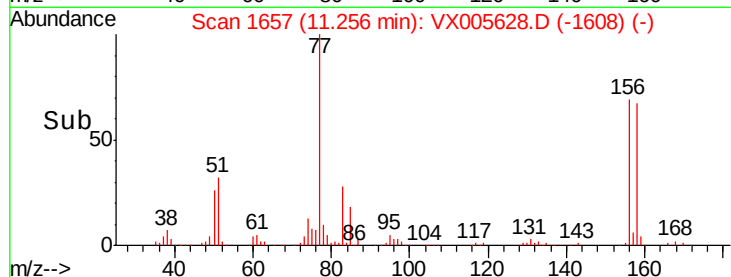
10/29/2018 12:41:51 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.264 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005628.D

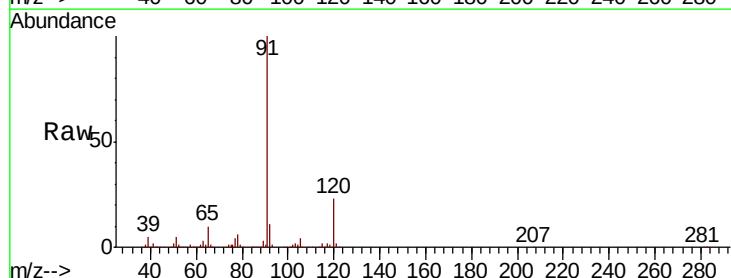
Acq: 27 Oct 2018 02:28

Tgt Ion: 91 Resp: 240838

Ion Ratio Lower Upper

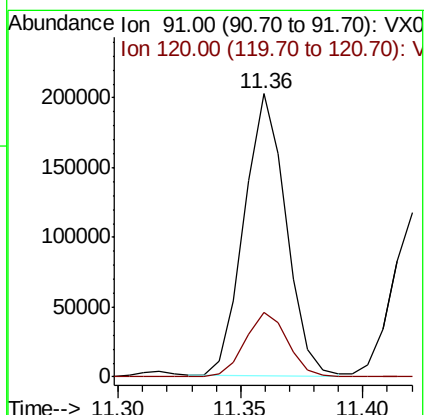
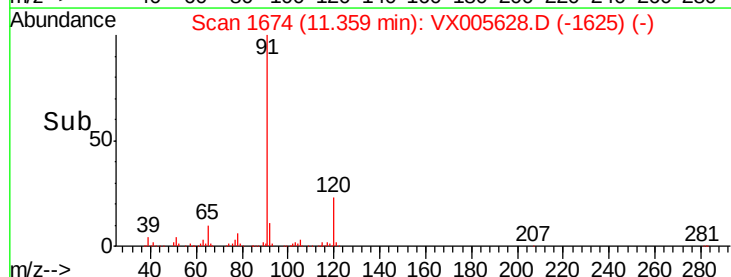
91 100

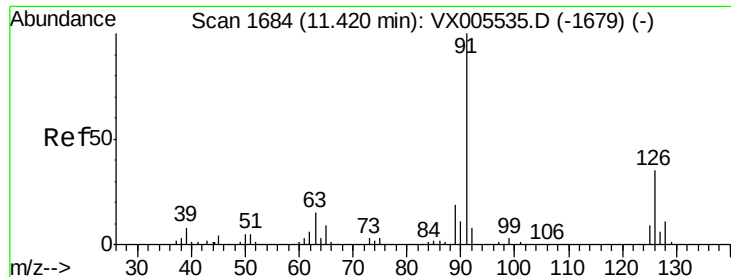
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.771 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS02

Tot Ion: 91 Resp: 145863

Ion Ratio Lower Upper

91 100

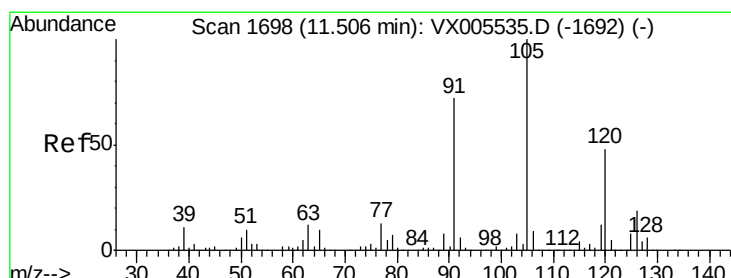
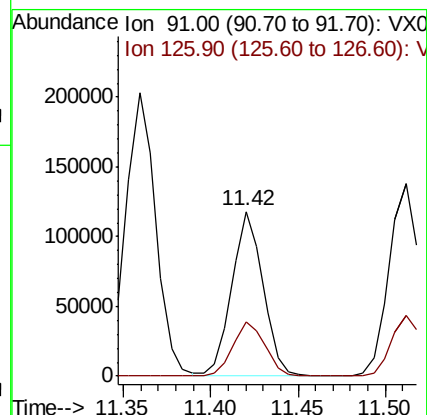
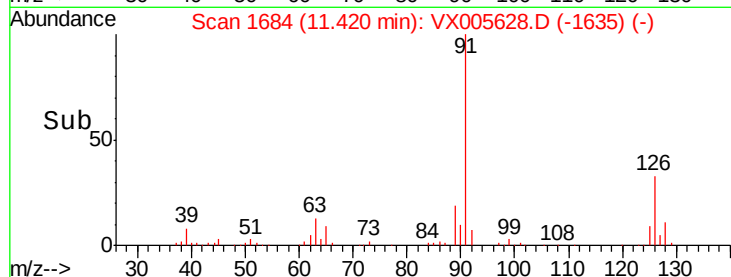
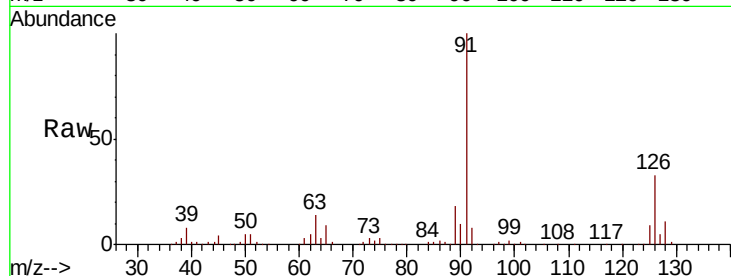
126 34.4 17.3 52.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.092 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005628.D

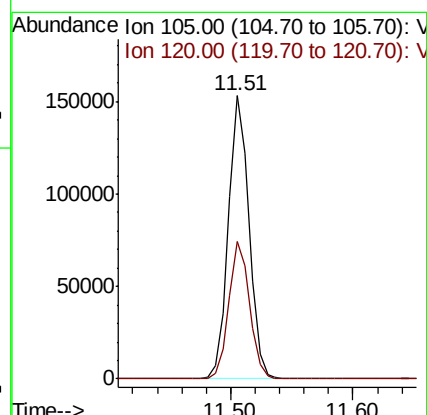
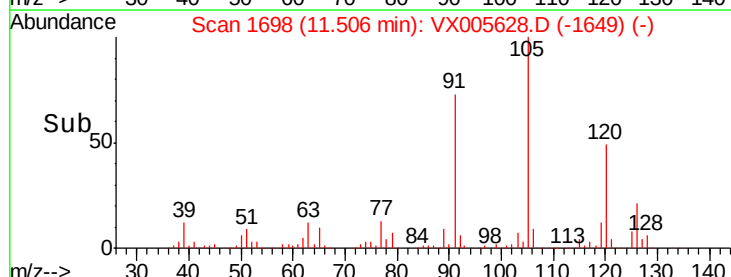
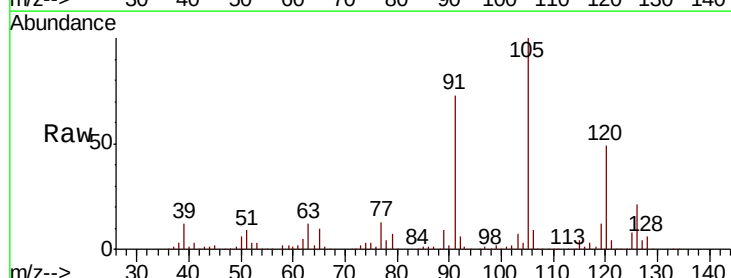
Acq: 27 Oct 2018 02:28

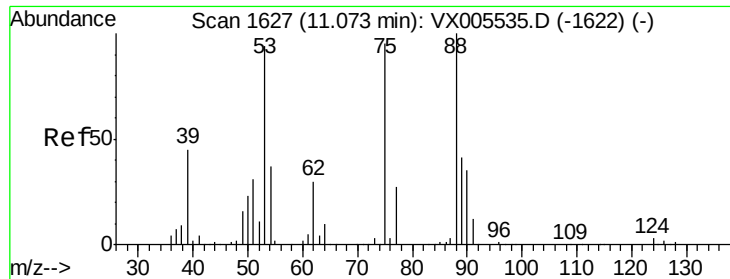
Tgt Ion: 105 Resp: 178720

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 17.827 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

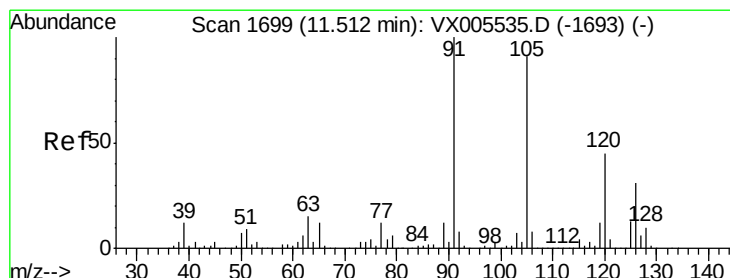
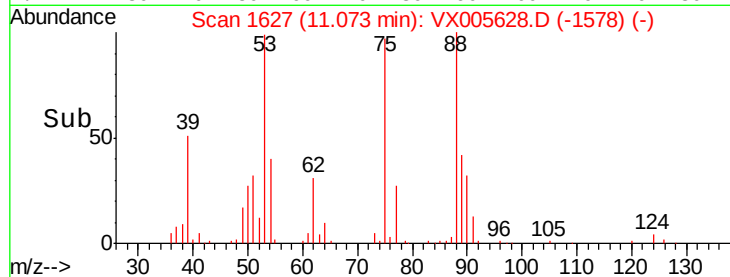
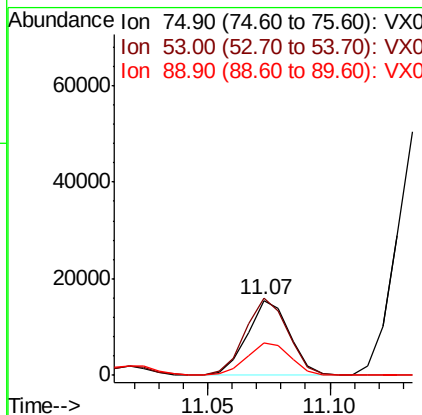
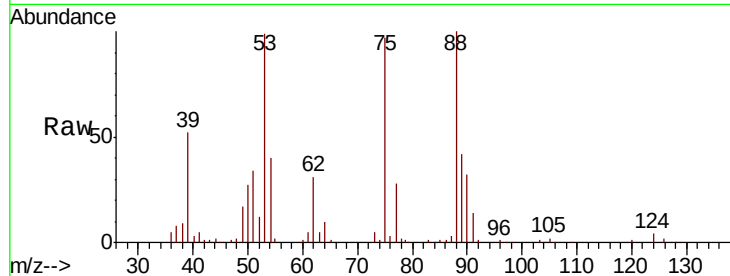
ClientSampleId :

VX1026WBS02

Tot Ion:	75	Resp:	18731
Ion Ratio	Lower	Upper	
75	100		
53	103.6	80.2	120.2
89	45.6	39.8	59.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.646 ug/l

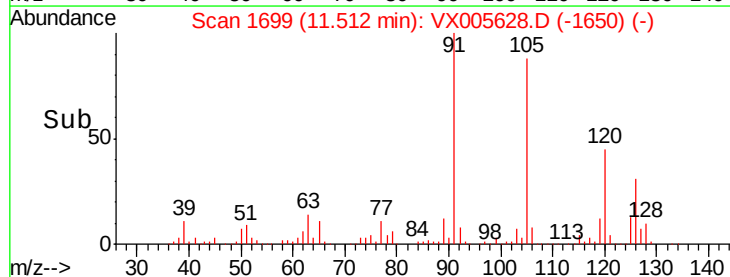
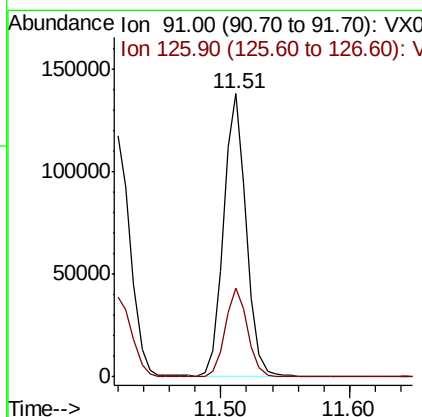
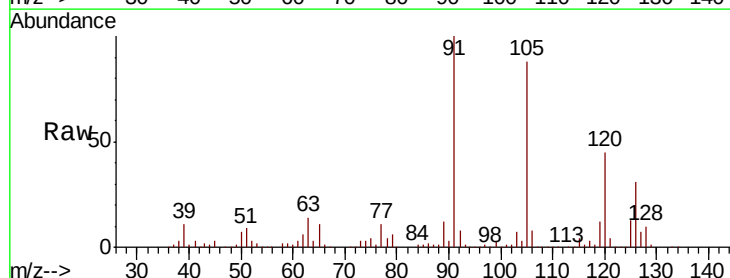
RT: 11.51 min Scan# 1699

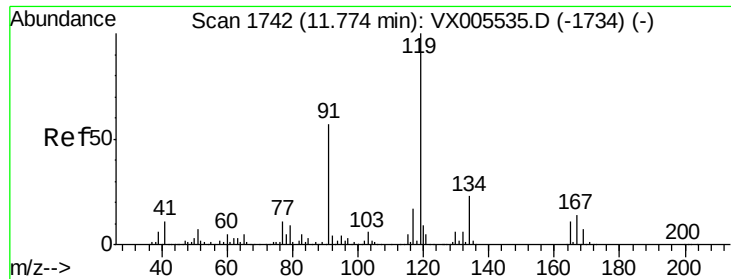
Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Tgt Ion:	91	Resp:	170968
Ion Ratio	Lower	Upper	
91	100		
126	31.0	15.2	45.6





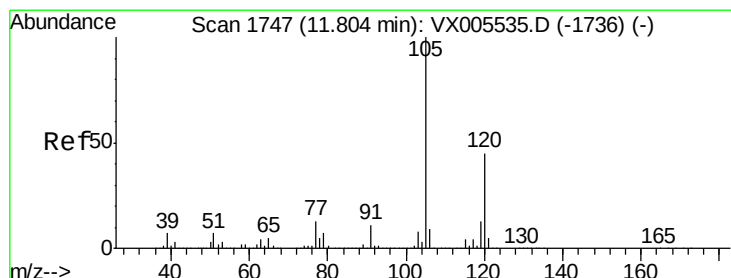
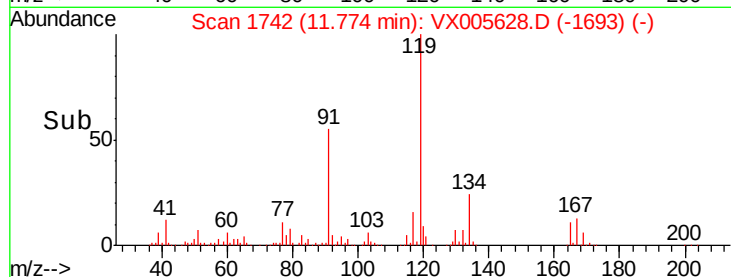
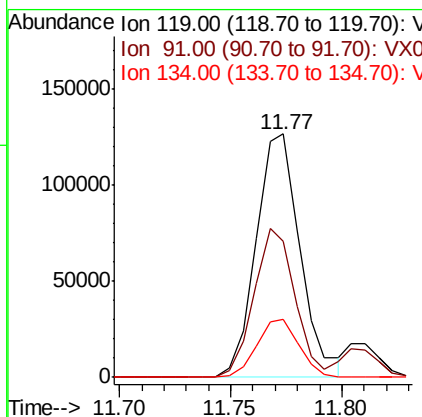
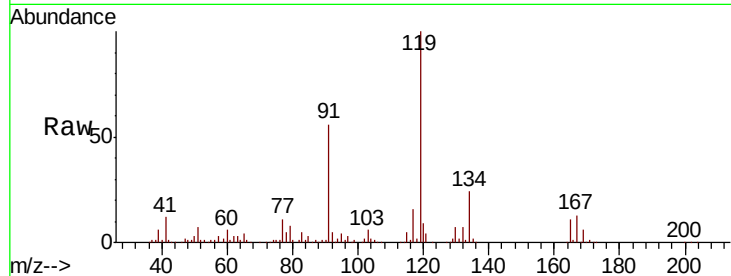
#83
 tert-Butylbenzene
 Concen: 20.637 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	174310		
91	57.0	28.5	85.5	
134	22.8	11.3	33.8	

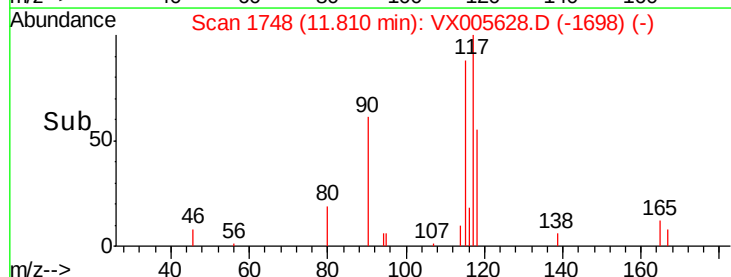
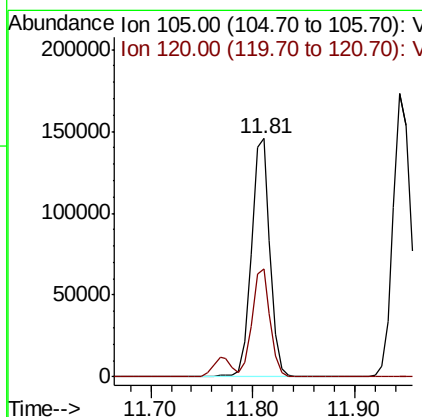
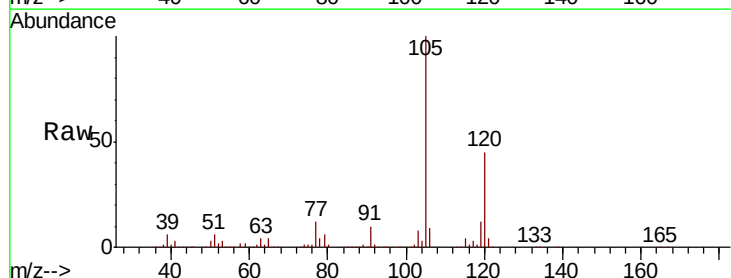
Manual Integrations
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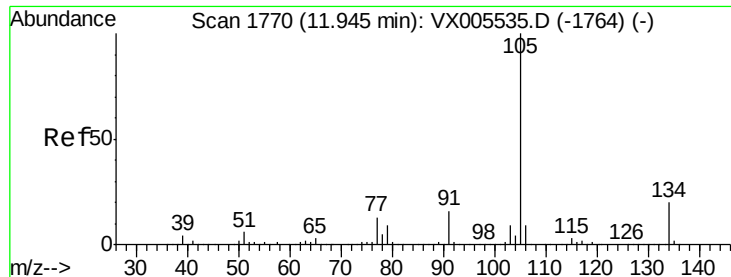
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.581 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	185330		
120	44.1	22.4	67.0	





#85

sec-Butylbenzene

Concen: 20.963 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX1026WBS02

Tot Ion:105 Resp: 211279

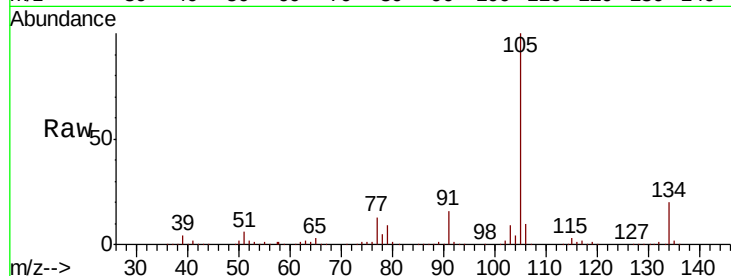
Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.4

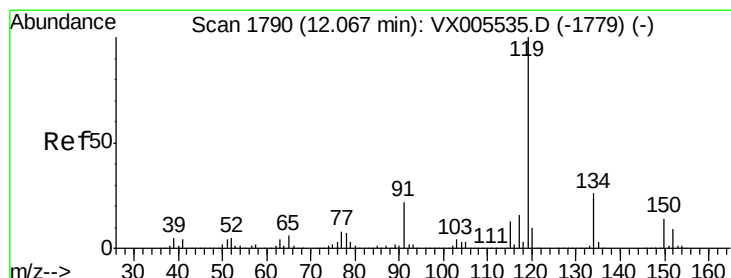
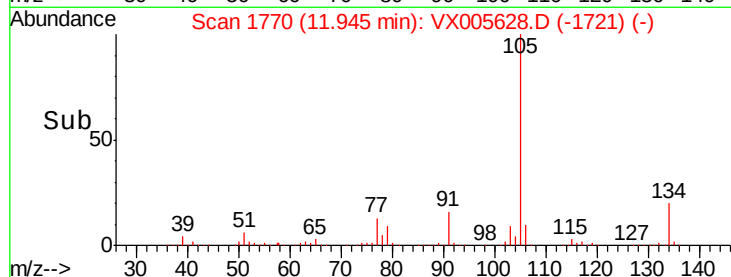
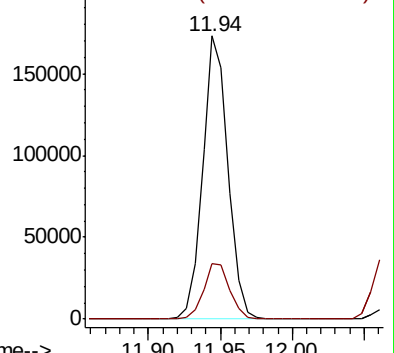
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.291 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

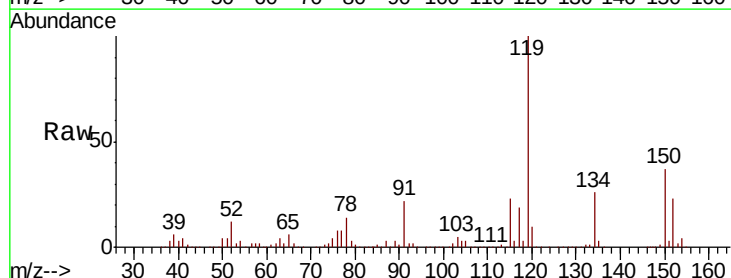
Tgt Ion:119 Resp: 191822

Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

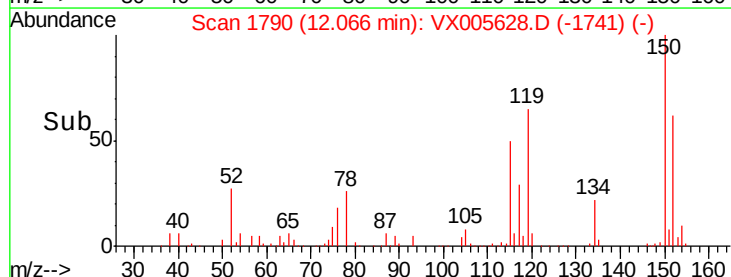
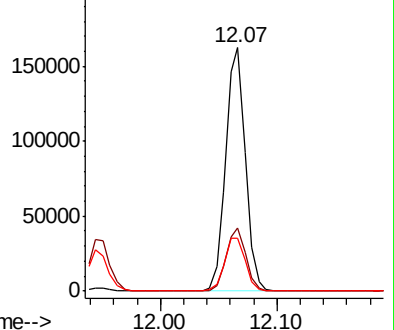
91 23.2 11.4 34.2

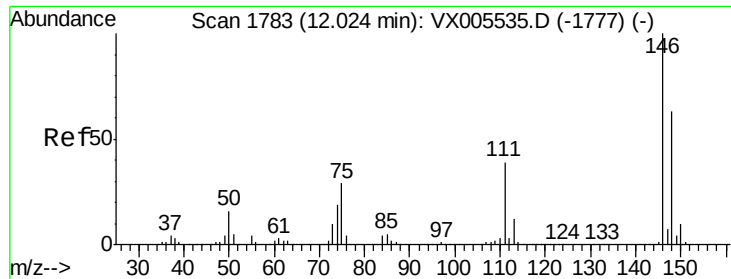


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





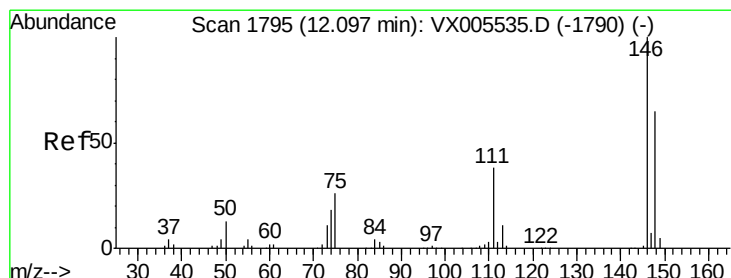
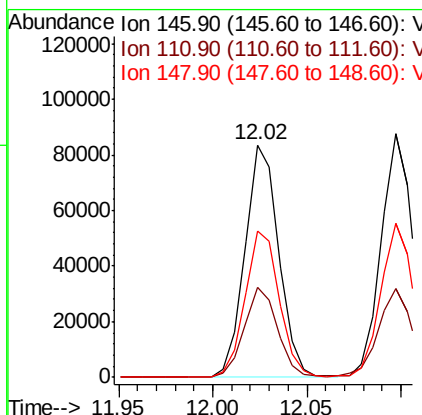
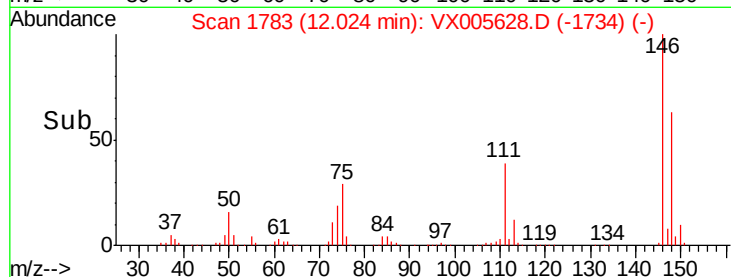
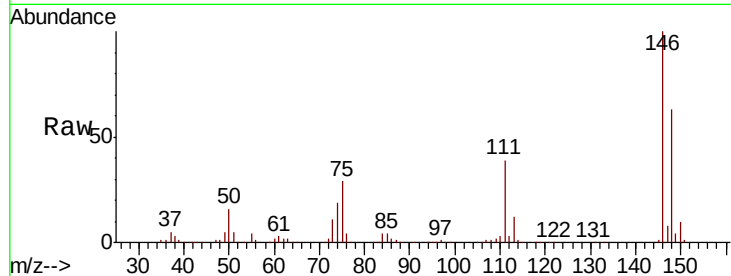
#87
 1,3-Dichlorobenzene
 Concen: 20.101 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.0	57.0
148	63.3	31.9	95.9

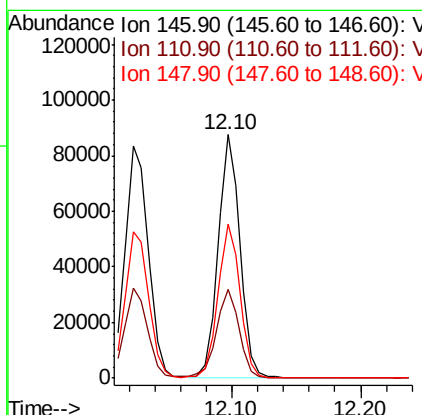
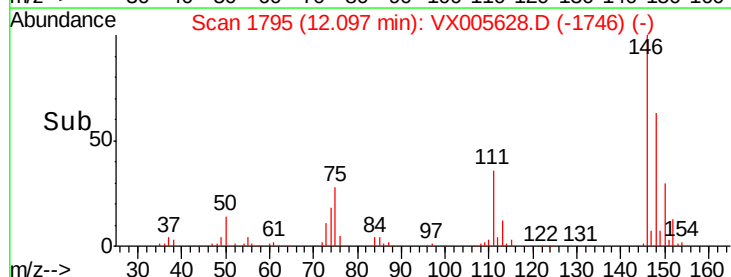
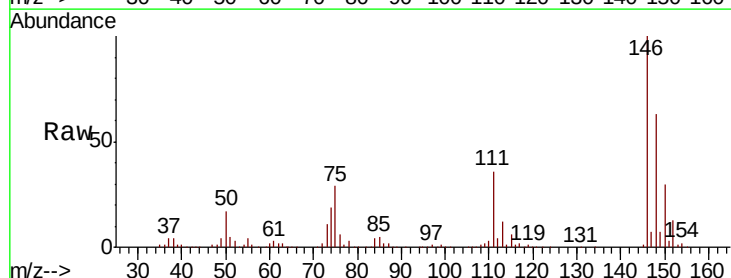
Manual Integrations
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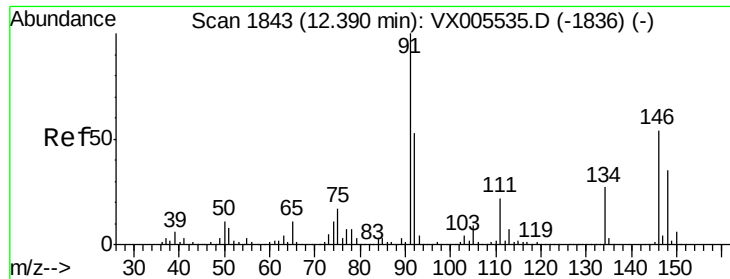
MMDadoda
 10/29/2018 12:41:51 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.322 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.6	55.8
148	64.5	32.1	96.3





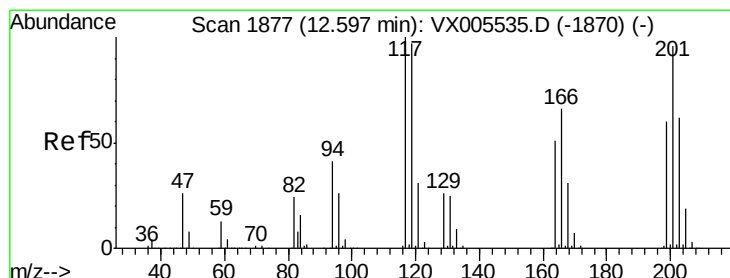
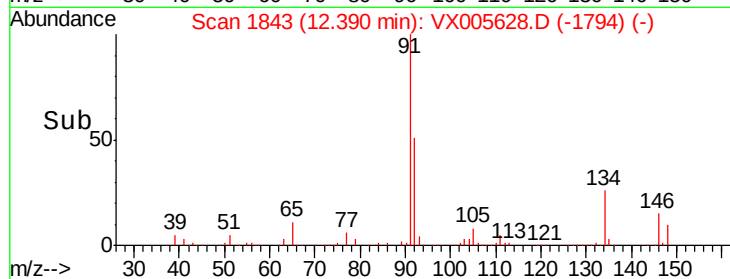
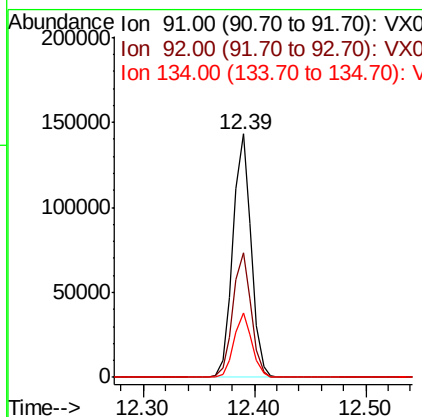
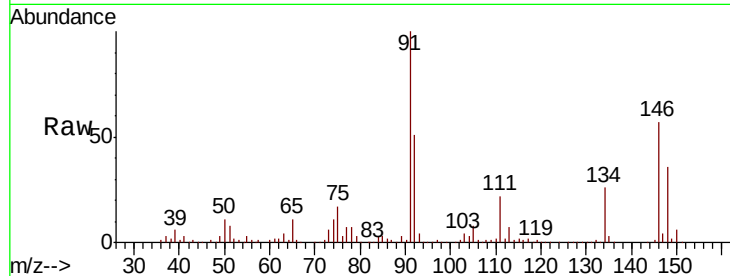
#89
n-Butylbenzene
Concen: 19.886 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.1	78.2
134	26.0	13.1	39.3

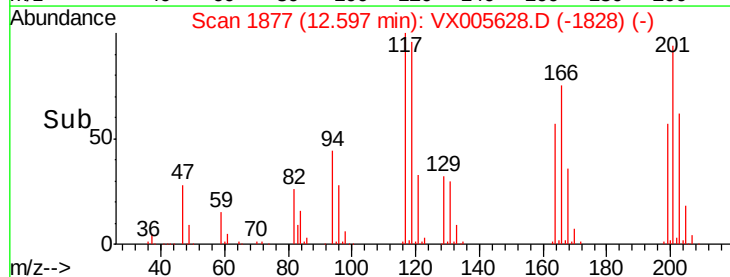
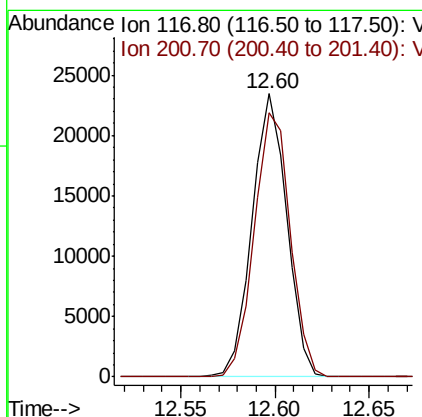
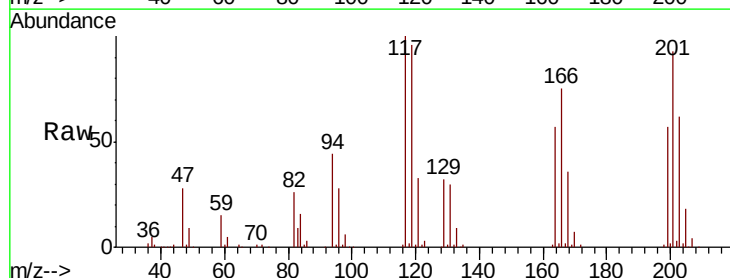
Manual Integrations
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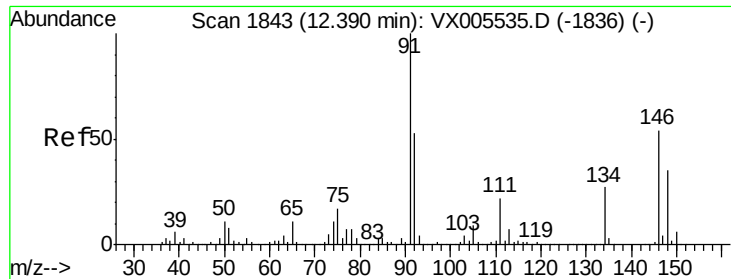
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#90
Hexachloroethane
Concen: 19.302 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.6	47.9	143.6





#91

1,2-Dichlorobenzene

Concen: 20.163 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Instrument :

MSVOA_X

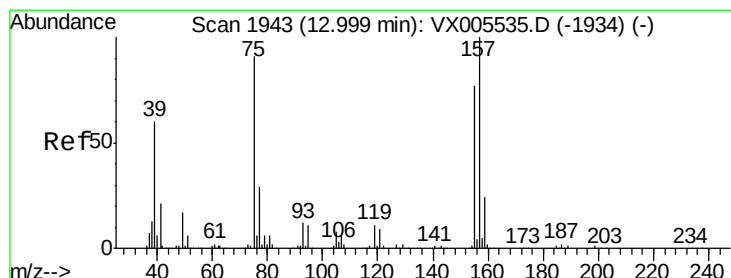
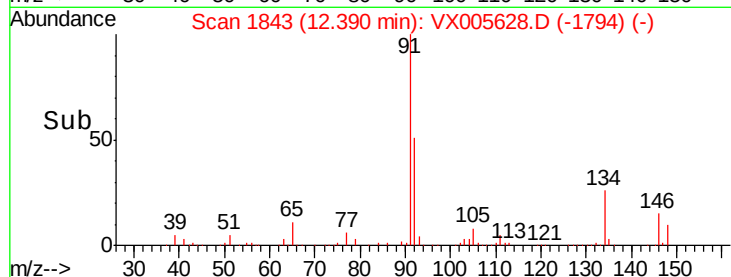
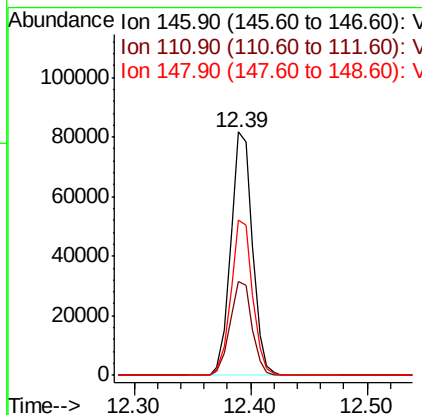
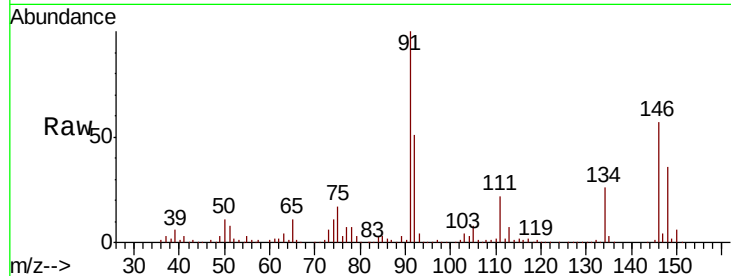
ClientSampleId :

VX1026WBS02

Tot Ion:	146	Resp:	105894
Ion Ratio	Lower	Upper	
146	100		
111	39.0	20.0	59.9
148	63.4	32.2	96.6

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.824 ug/l

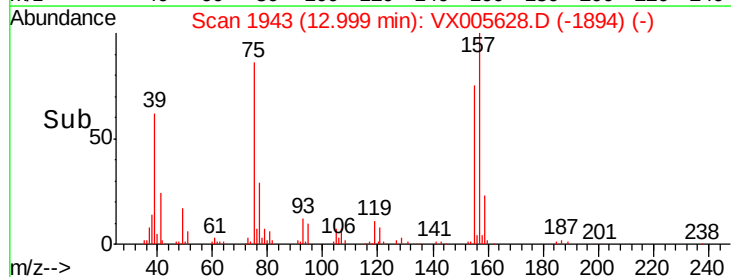
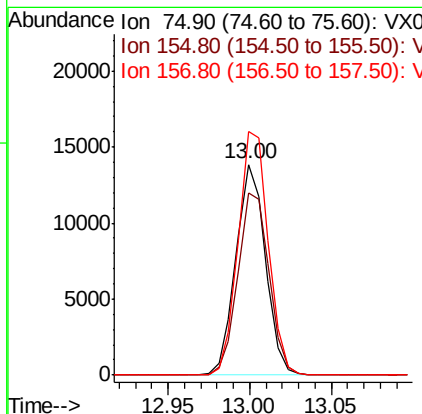
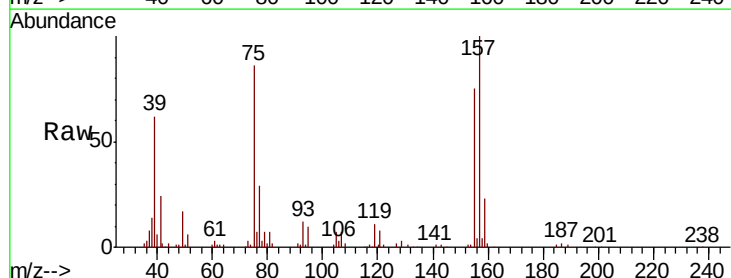
RT: 13.00 min Scan# 1943

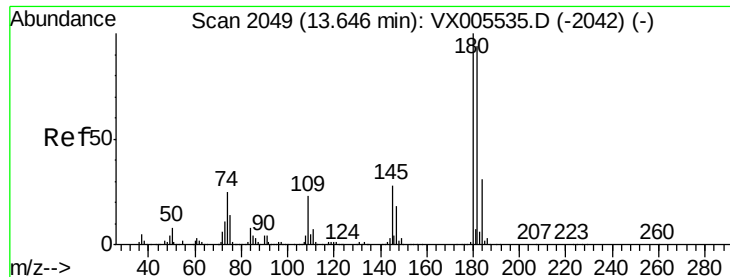
Delta R.T. -0.00 min

Lab File: VX005628.D

Acq: 27 Oct 2018 02:28

Tgt Ion:	75	Resp:	17516
Ion Ratio	Lower	Upper	
75	100		
155	91.2	45.4	136.1
157	117.9	57.4	172.0





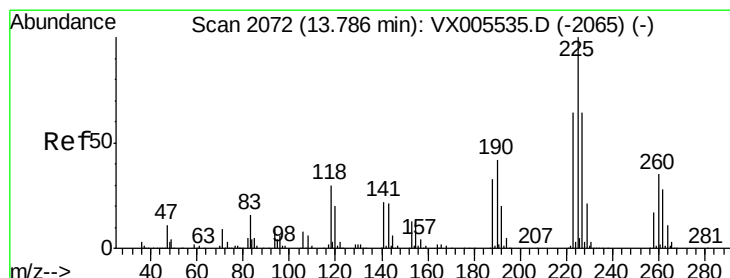
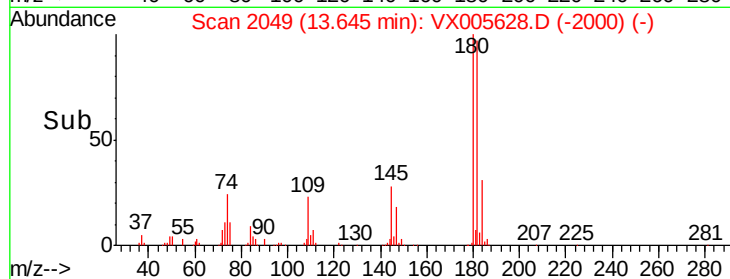
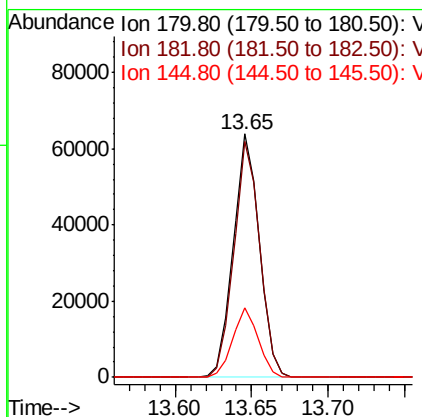
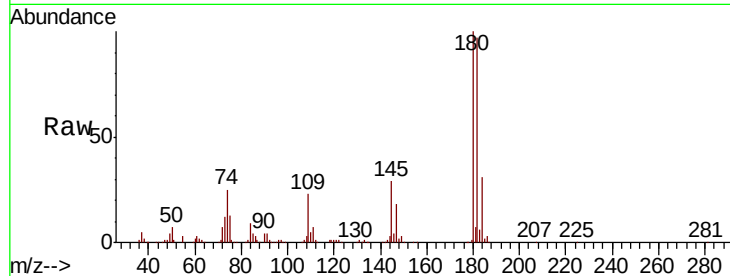
#93
 1,2,4-Trichlorobenzene
 Concen: 19.772 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1026WBS02

Tot Ion:	180	Resp:	75274
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.6	142.8
145	28.1	14.1	42.2

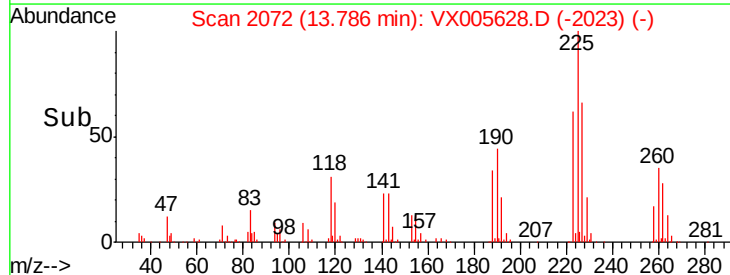
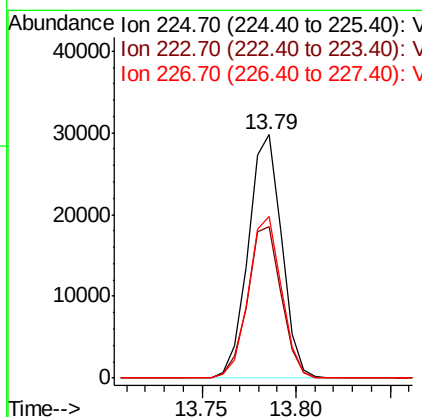
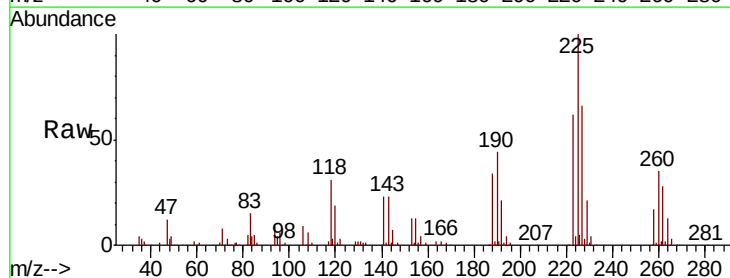
Manual Integrations
 APPROVED

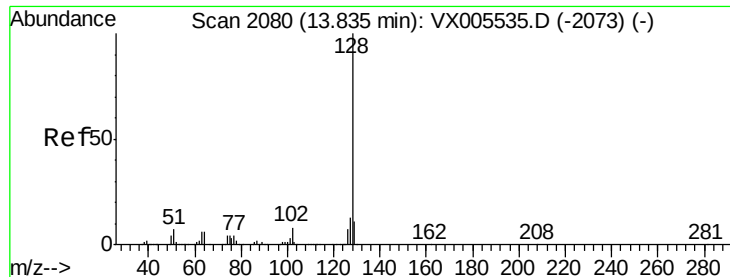
MMDadoda
 10/29/2018 12:41:51 PM



#94
 Hexachlorobutadiene
 Concen: 18.603 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005628.D
 Acq: 27 Oct 2018 02:28

Tgt Ion:	225	Resp:	36702
Ion Ratio	Lower	Upper	
225	100		
223	62.7	31.7	95.1
227	65.1	32.3	96.9





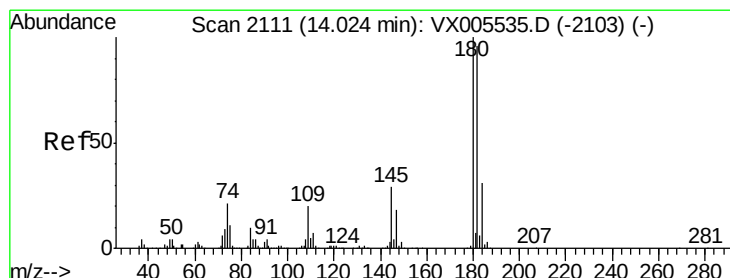
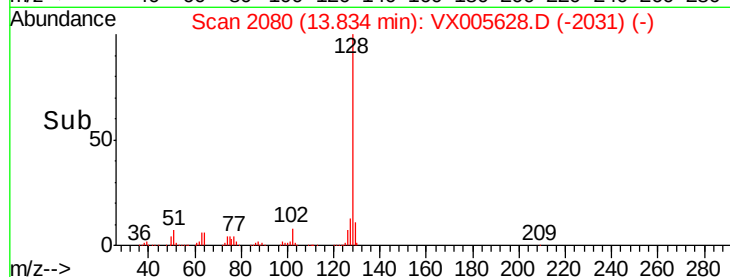
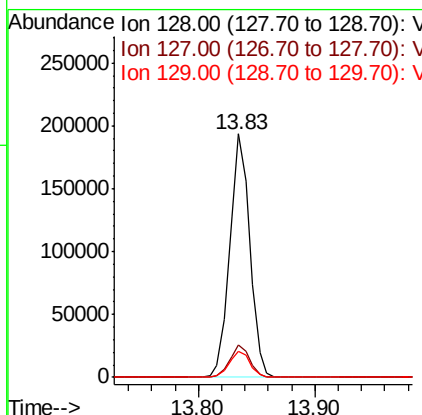
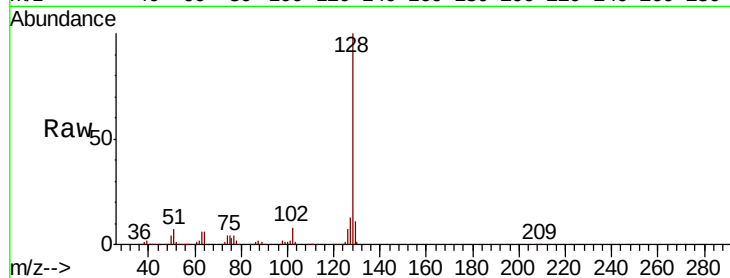
#95
Naphthalene
Concen: 20.946 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Instrument :
MSVOA_X
ClientSampleId :
VX1026WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/29/2018 12:41:51 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.316 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005628.D
Acq: 27 Oct 2018 02:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.0	144.2
145	30.0	15.1	45.3

