

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011223\
 Data File : VY012176.D
 Acq On : 12 Jan 2023 14:46
 Operator : KP/MD
 Sample : 01132-07
 Misc : 4.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-2

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M

Title : SW846 8260

Signal : TIC: VY012176.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.052	32	38	45	rBV	5626	18214	1.11%	0.719%
2	2.552	105	120	121	rBV3	13600	45273	2.76%	1.787%
3	2.583	123	125	134	rVV6	5695	17156	1.05%	0.677%
4	6.460	747	761	806	rBV4	138739	1641667	100.00%	64.787%
5	7.783	970	978	1001	rVB3	23683	123354	7.51%	4.868%
6	8.703	1115	1129	1145	rBV2	24910	127205	7.75%	5.020%
7	10.191	1364	1373	1381	rBV	46764	150925	9.19%	5.956%
8	11.508	1581	1589	1590	rBV	29026	53944	3.29%	2.129%
9	12.343	1719	1726	1734	rBV	30797	65198	3.97%	2.573%
10	12.495	1742	1751	1758	rBV3	22099	47321	2.88%	1.867%
11	12.587	1758	1766	1772	rVV3	9874	25761	1.57%	1.017%
12	12.898	1811	1817	1824	rVB	26971	53644	3.27%	2.117%
13	13.075	1837	1846	1855	rVB	35663	65908	4.01%	2.601%
14	13.288	1869	1881	1887	rVV2	36141	63238	3.85%	2.496%
15	13.434	1899	1905	1909	rVV	19229	35141	2.14%	1.387%

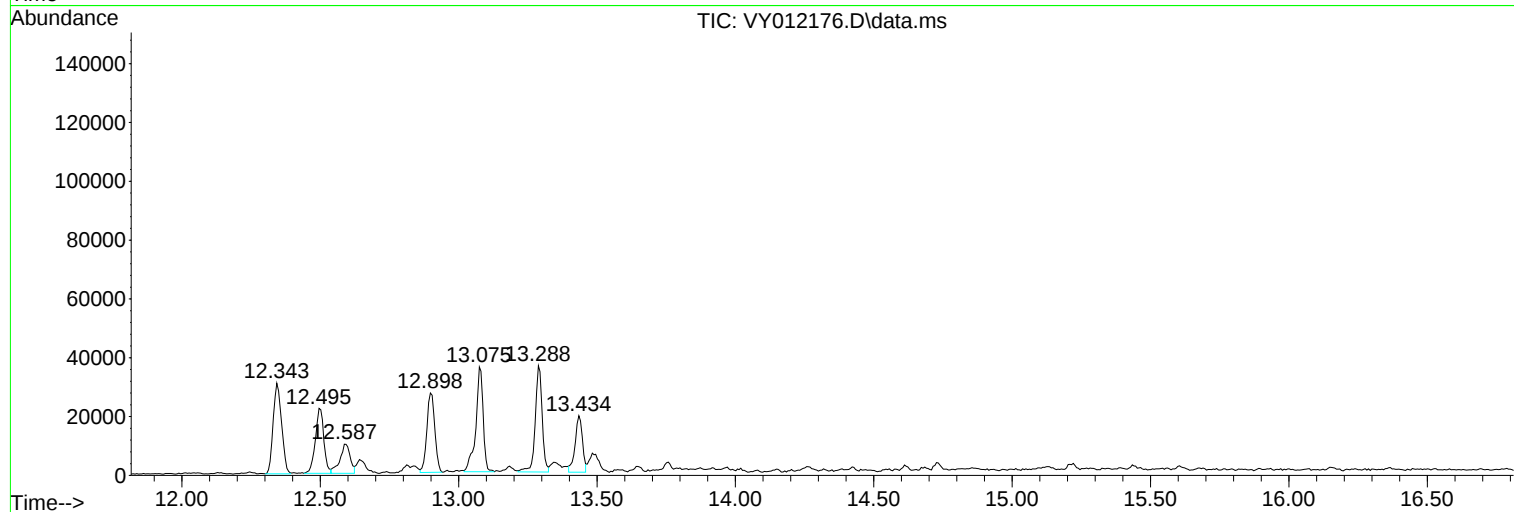
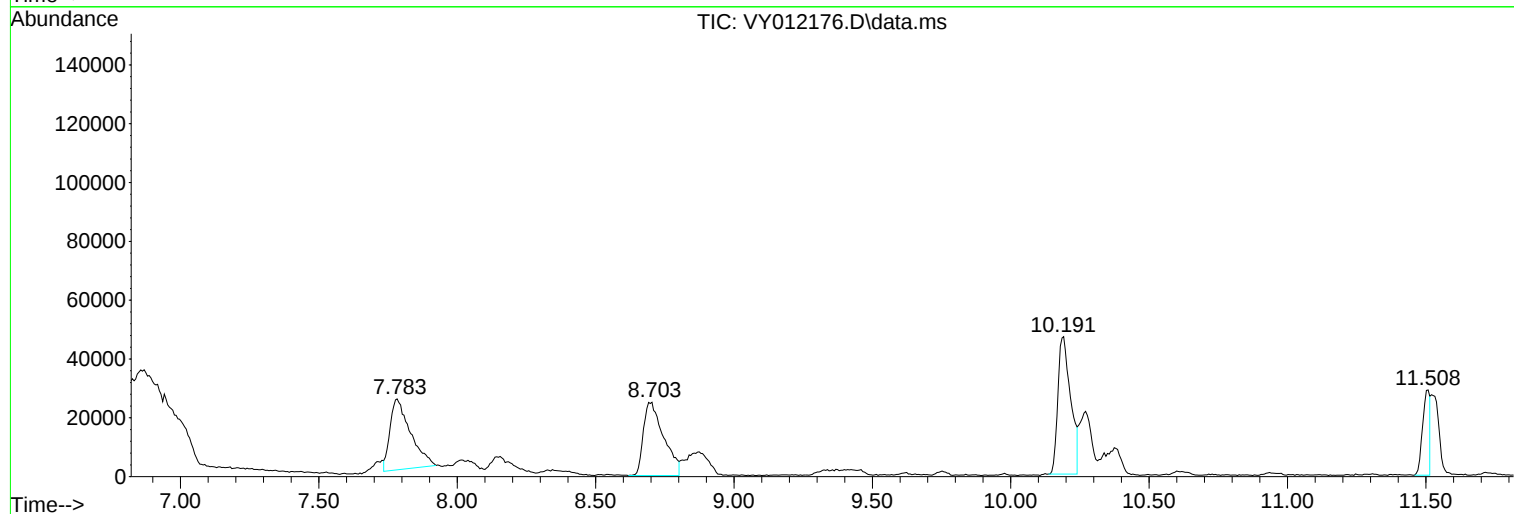
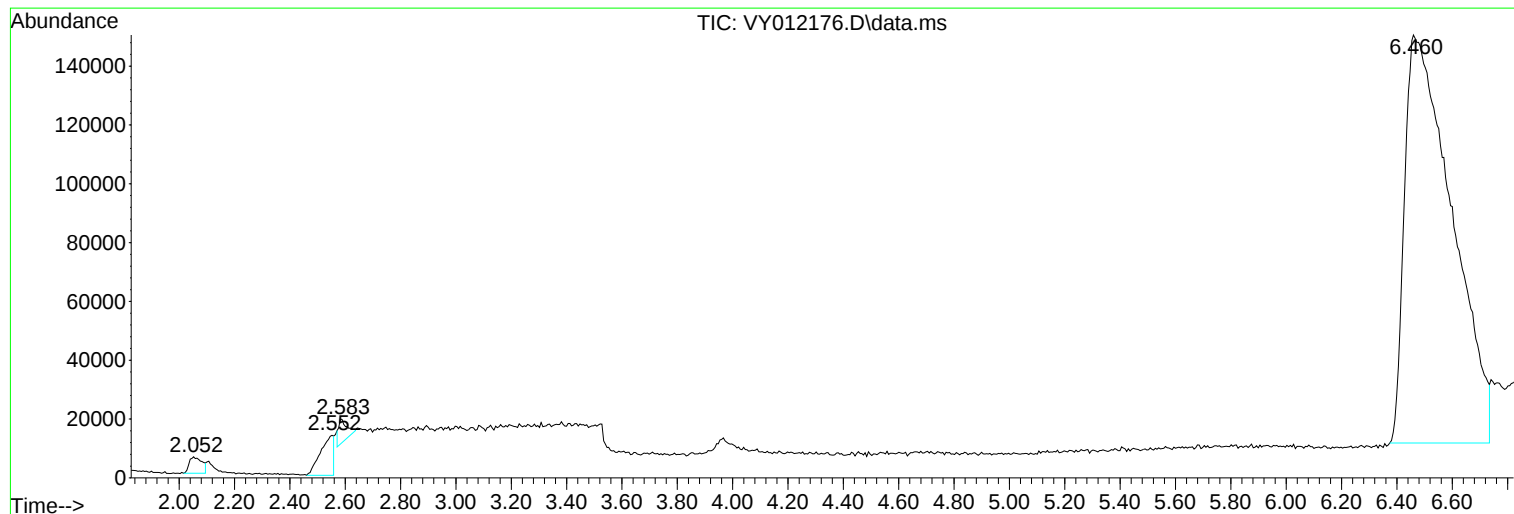
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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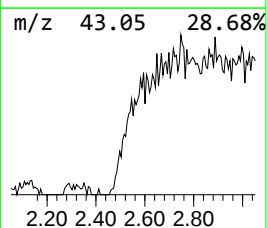
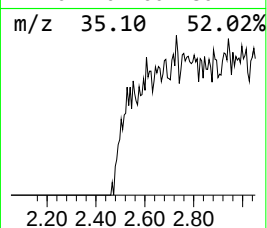
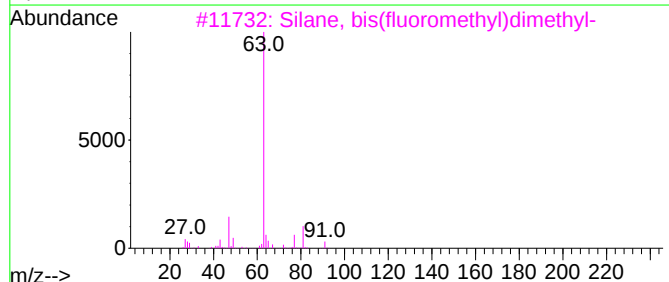
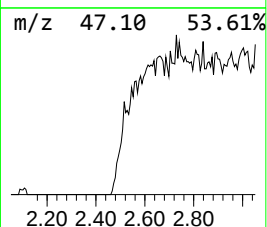
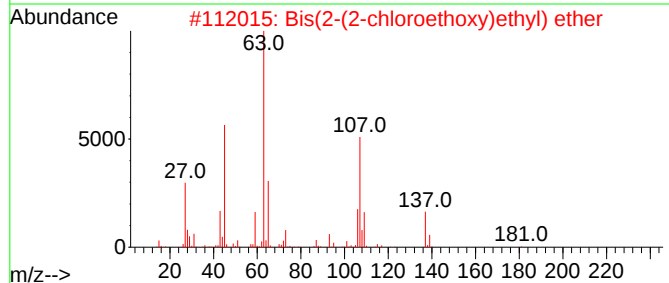
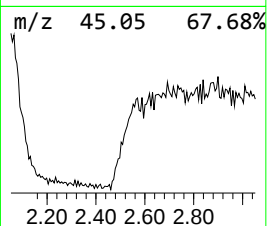
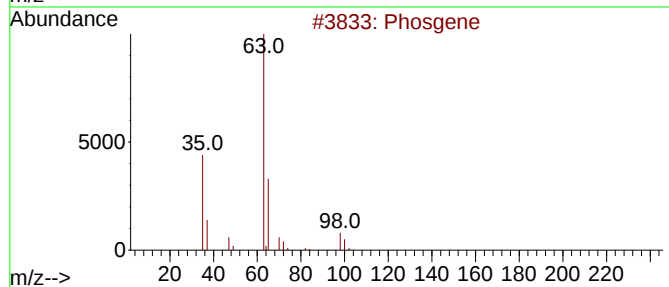
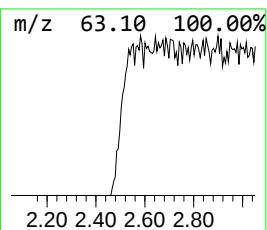
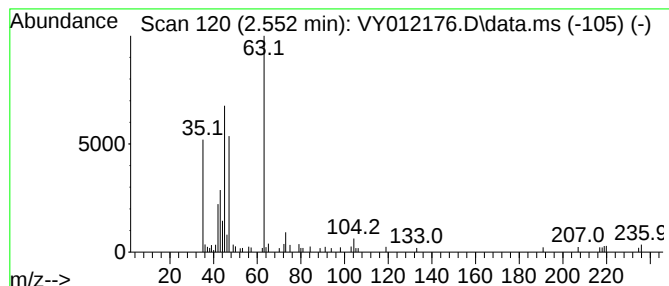
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phosgene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.552	18.35 ug/l	45273	Pentafluorobenzene	7.777

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phosgene	98	CCl2O	000075-44-5	50
2			Bis(2-(2-chloroethoxy)ethyl) ether	230	C8H16Cl2O3	000638-56-2	28
3			Silane, bis(fluoromethyl)dimethyl-	124	C4H10F2Si	065864-63-3	9
4			Diethyl pyrocarbonate	162	C6H10O5	001609-47-8	9
5			3,6,9,12-tetraoxatetradecane, 1,...	274	C10H20Cl2O4	1000401-80-9	9



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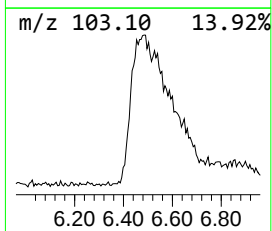
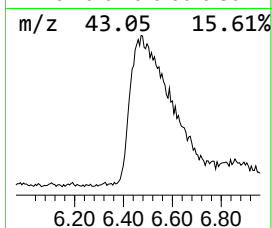
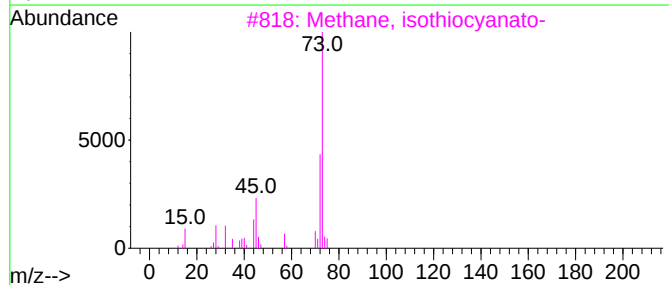
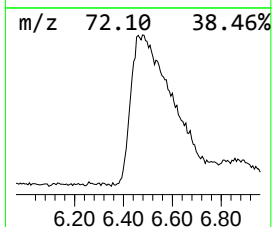
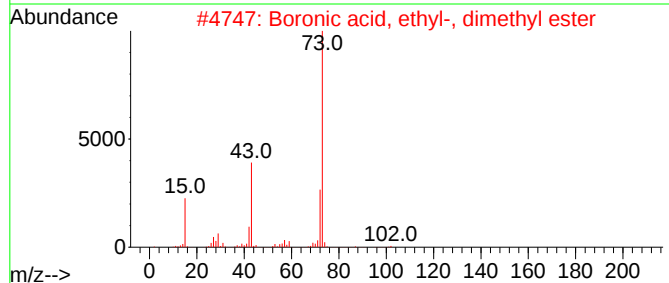
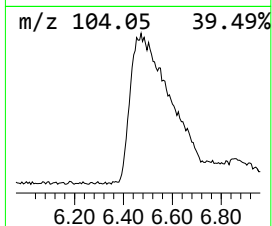
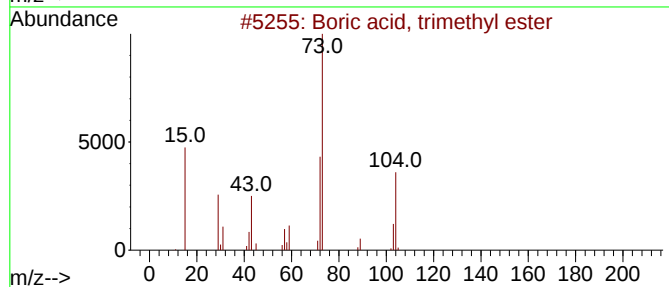
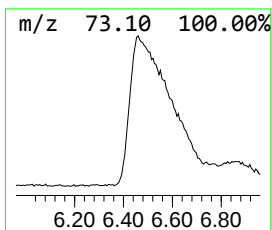
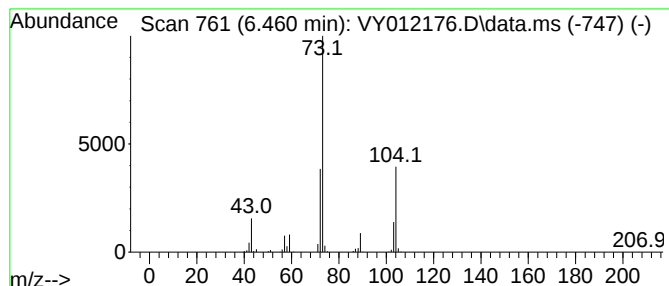
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Peak Number 4 Boric acid, trimethyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.460	665.43 ug/l	1641670	Pentafluorobenzene	7.777

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Boric acid, trimethyl ester	104	C3H9B03	000121-43-7	91
2			Boronic acid, ethyl-, dimethyl e...	102	C4H11B02	007318-82-3	9
3			Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
4			Borane, dimethoxy-	74	C2H7B02	004542-61-4	9
5			Silane, diethylmethyl-	102	C5H14Si	000760-32-7	7



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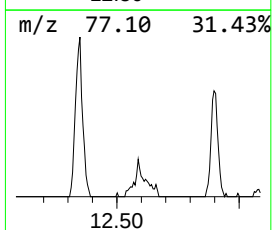
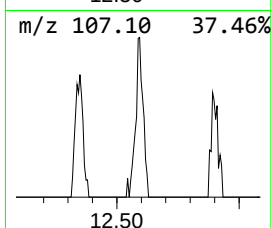
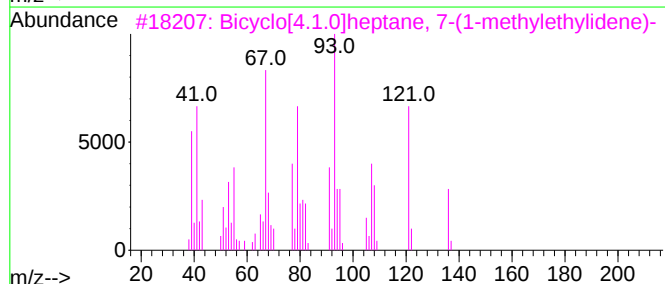
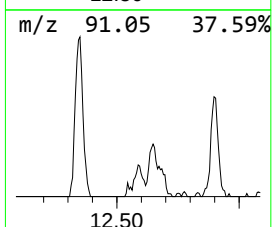
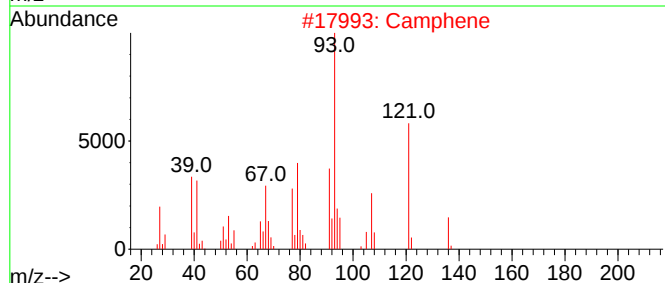
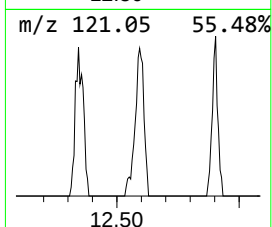
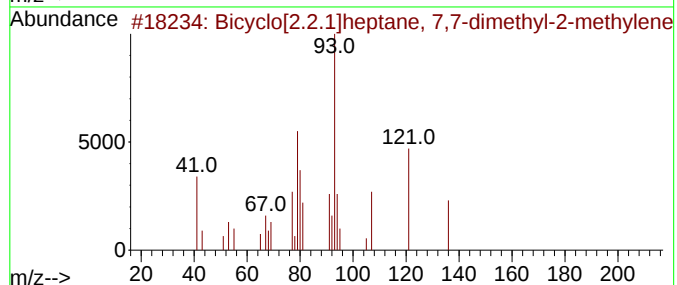
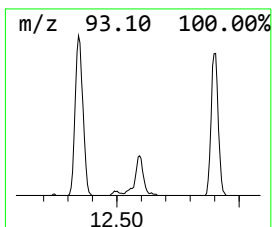
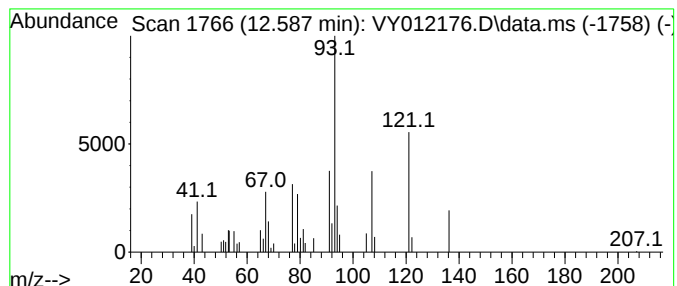
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Peak Number 5 Bicyclo[2.2.1]heptane, 7,7-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.587	36.65 ug/l	25761	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	74
2			Camphene	136	C10H16	000079-92-5	72
3			Bicyclo[4.1.0]heptane, 7-(1-meth...	136	C10H16	053282-47-6	72
4			Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	001461-27-4	68
5			Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	64



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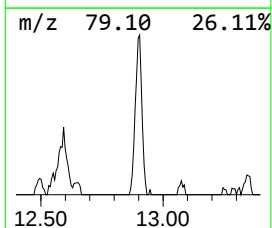
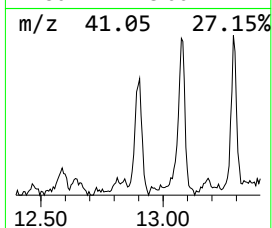
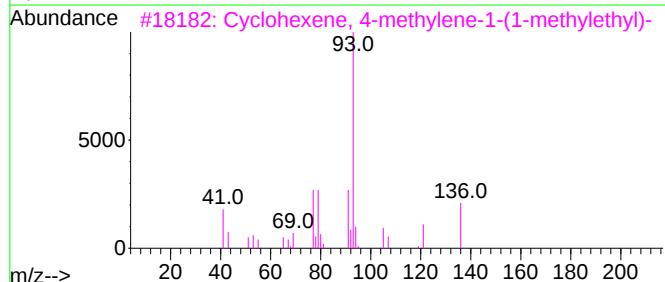
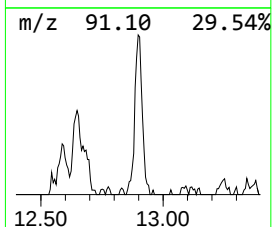
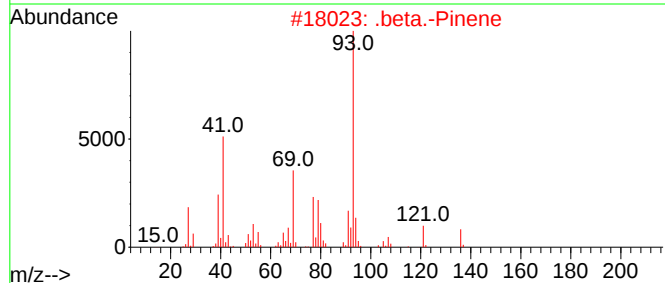
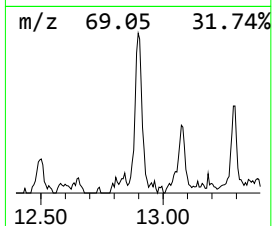
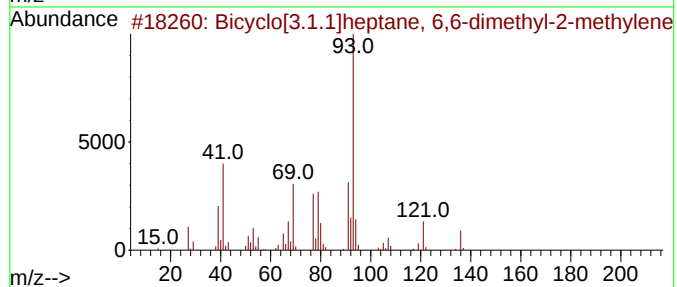
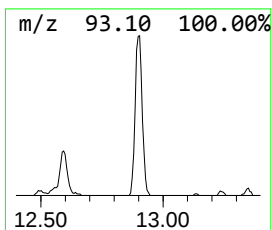
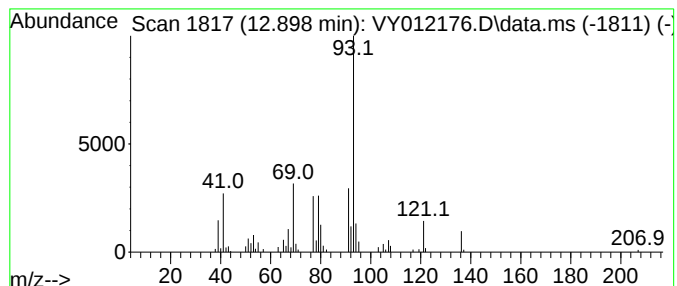
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Peak Number 6 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.898	76.33 ug/l	53644	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	97
2			.beta.-Pinene	136	C10H16	000127-91-3	94
3			Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
4			Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	90
5			.alpha.-Pinene	136	C10H16	000080-56-8	90



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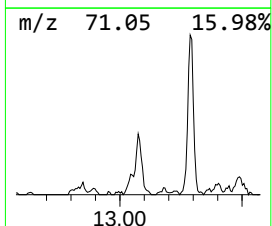
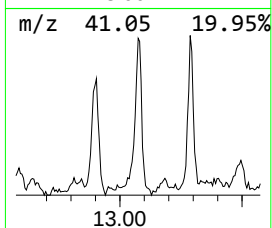
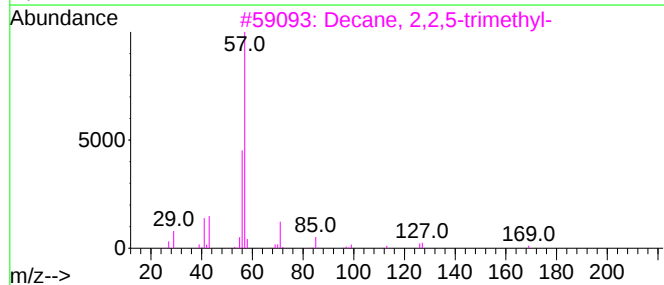
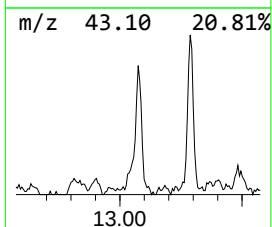
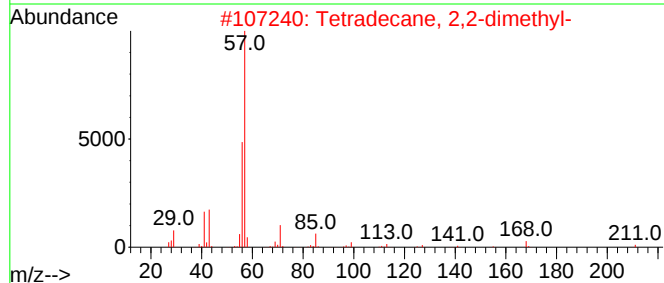
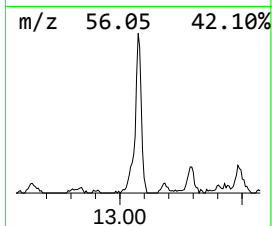
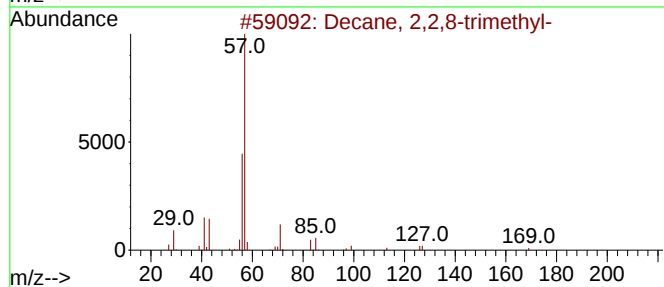
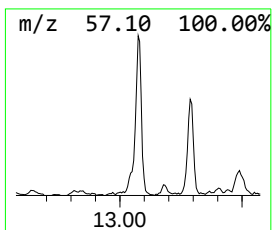
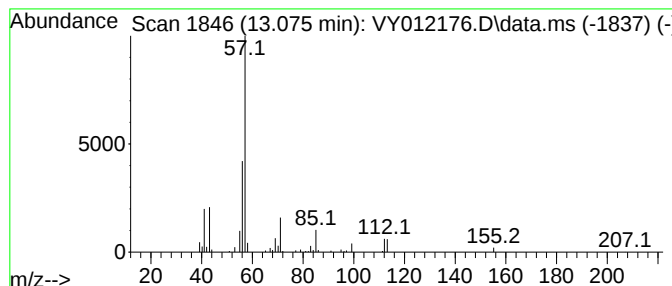
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Peak Number 7 Decane, 2,2,8-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.075	93.78 ug/l	65908	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	72
2			Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	72
3			Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	72
4			Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	64
5			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64



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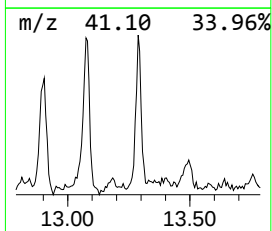
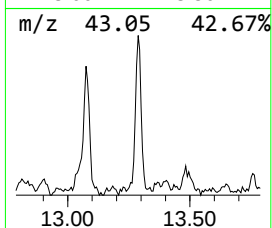
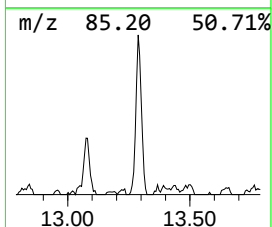
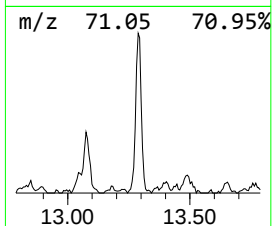
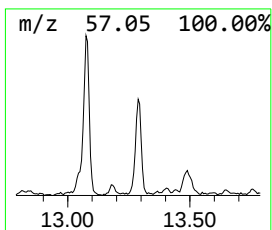
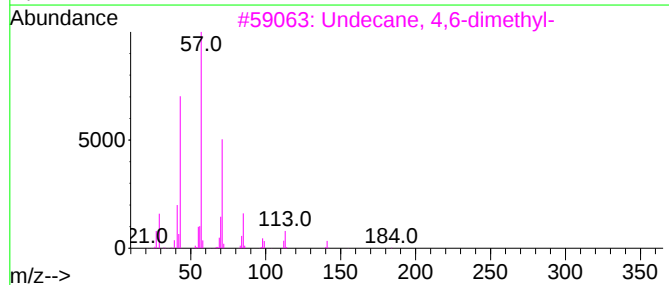
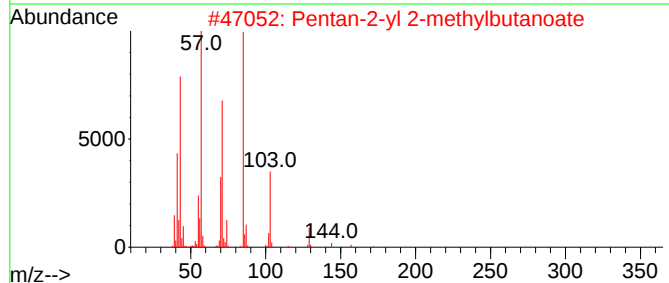
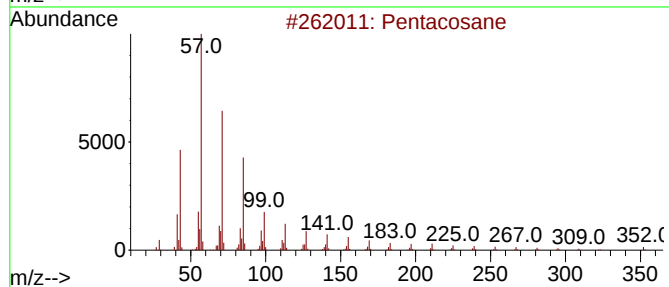
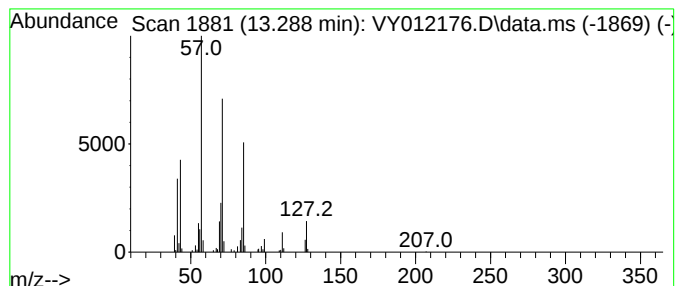
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Pentacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.288	89.98 ug/l	63238	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacosane	352	C25H52	000629-99-2	64
2			Pentan-2-yl 2-methylbutanoate	172	C10H20O2	1000372-71-7	59
3			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	53
5			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011223\
Data File : VY012176.D
Acq On : 12 Jan 2023 14:46
Operator : KP/MD
Sample : 01132-07
Misc : 4.78g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phosgene	2.552	18.4	ug/l	45273	1	7.777	123354	50.0
Boric acid, tri...	6.460	665.4	ug/l	1641670	1	7.777	123354	50.0
Bicyclo[2.2.1]h...	12.587	36.6	ug/l	25761	4	13.434	35141	50.0
Bicyclo[3.1.1]h...	12.898	76.3	ug/l	53644	4	13.434	35141	50.0
Decane, 2,2,8-t...	13.075	93.8	ug/l	65908	4	13.434	35141	50.0
Pentacosane	13.288	90.0	ug/l	63238	4	13.434	35141	50.0