

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
 Data File : VY006193.D
 Acq On : 28 Sep 2021 17:09
 Operator : SY/MD
 Sample : M3933-02
 Misc : 1.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 191-0922-XYL-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\82Y092821S.M
 Title : SW846 8260

Signal : TIC: VY006193.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.716	794	803	817	rBV2	18218	69154	1.10%	0.308%
2	7.722	959	968	973	rBV	89200	209812	3.35%	0.934%
3	7.789	973	979	997	rVB	190109	442344	7.07%	1.970%
4	8.148	1029	1038	1050	rBV	87540	219028	3.50%	0.975%
5	8.691	1120	1127	1148	rVB	286993	565909	9.04%	2.520%
6	9.270	1215	1222	1237	rBV2	34178	80039	1.28%	0.356%
7	10.081	1347	1355	1365	rBV	174211	404059	6.46%	1.799%
8	10.185	1365	1372	1379	rVB	436417	792204	12.66%	3.527%
9	10.453	1409	1416	1435	rBV	280962	905095	14.46%	4.030%
10	10.807	1468	1474	1487	rBV	50437	120385	1.92%	0.536%
11	10.941	1489	1496	1508	rBV	408648	778558	12.44%	3.467%
12	11.038	1508	1512	1517	rVB	51013	80784	1.29%	0.360%
13	11.489	1580	1586	1596	rBV	365414	633559	10.12%	2.821%
14	11.593	1596	1603	1613	rBV	896031	1448206	23.14%	6.448%
15	11.697	1613	1620	1633	rVB	3462852	6258869	100.00%	27.869%
16	12.032	1663	1675	1683	rBV	2658600	4258920	68.05%	18.964%
17	12.111	1683	1688	1695	rVB3	46026	104297	1.67%	0.464%
18	12.209	1698	1704	1707	rBV	84261	143655	2.30%	0.640%
19	12.331	1719	1724	1729	rBV2	50727	82679	1.32%	0.368%
20	12.483	1744	1749	1754	rBV	290550	445276	7.11%	1.983%
21	12.733	1784	1790	1794	rBV	193847	333690	5.33%	1.486%
22	12.812	1798	1803	1808	rVB2	299875	487137	7.78%	2.169%
23	12.971	1822	1829	1837	rBV	157634	298421	4.77%	1.329%
24	13.044	1837	1841	1848	rVB2	62678	98716	1.58%	0.440%
25	13.123	1848	1854	1859	rBV	604562	925853	14.79%	4.123%
26	13.269	1872	1878	1883	rBV4	76870	152043	2.43%	0.677%
27	13.428	1897	1904	1907	rBV	358058	622657	9.95%	2.772%
28	13.452	1907	1908	1913	rVB	195727	224454	3.59%	0.999%
29	13.538	1918	1922	1931	rVB5	55424	132362	2.11%	0.589%
30	13.623	1931	1936	1940	rBV2	47577	79376	1.27%	0.353%
31	13.751	1951	1957	1962	rVB2	133465	210622	3.37%	0.938%
32	13.971	1990	1993	1998	rVB3	40920	65193	1.04%	0.290%
33	14.208	2027	2032	2037	rBV	167578	238942	3.82%	1.064%
34	15.239	2195	2201	2210	rVB	40616	74654	1.19%	0.332%
35	16.184	2345	2356	2368	rBV	83381	258589	4.13%	1.151%
36	16.293	2368	2374	2381	rBV	55743	106497	1.70%	0.474%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
Data File : VY006193.D
Acq On : 28 Sep 2021 17:09
Operator : SY/MD
Sample : M3933-02
Misc : 1.07G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-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\82Y092821S.M
Title : SW846 8260

37	16.488	2399	2406	2414	rBV	49917	106330	1.70%	0.473%
----	--------	------	------	------	-----	-------	--------	-------	--------

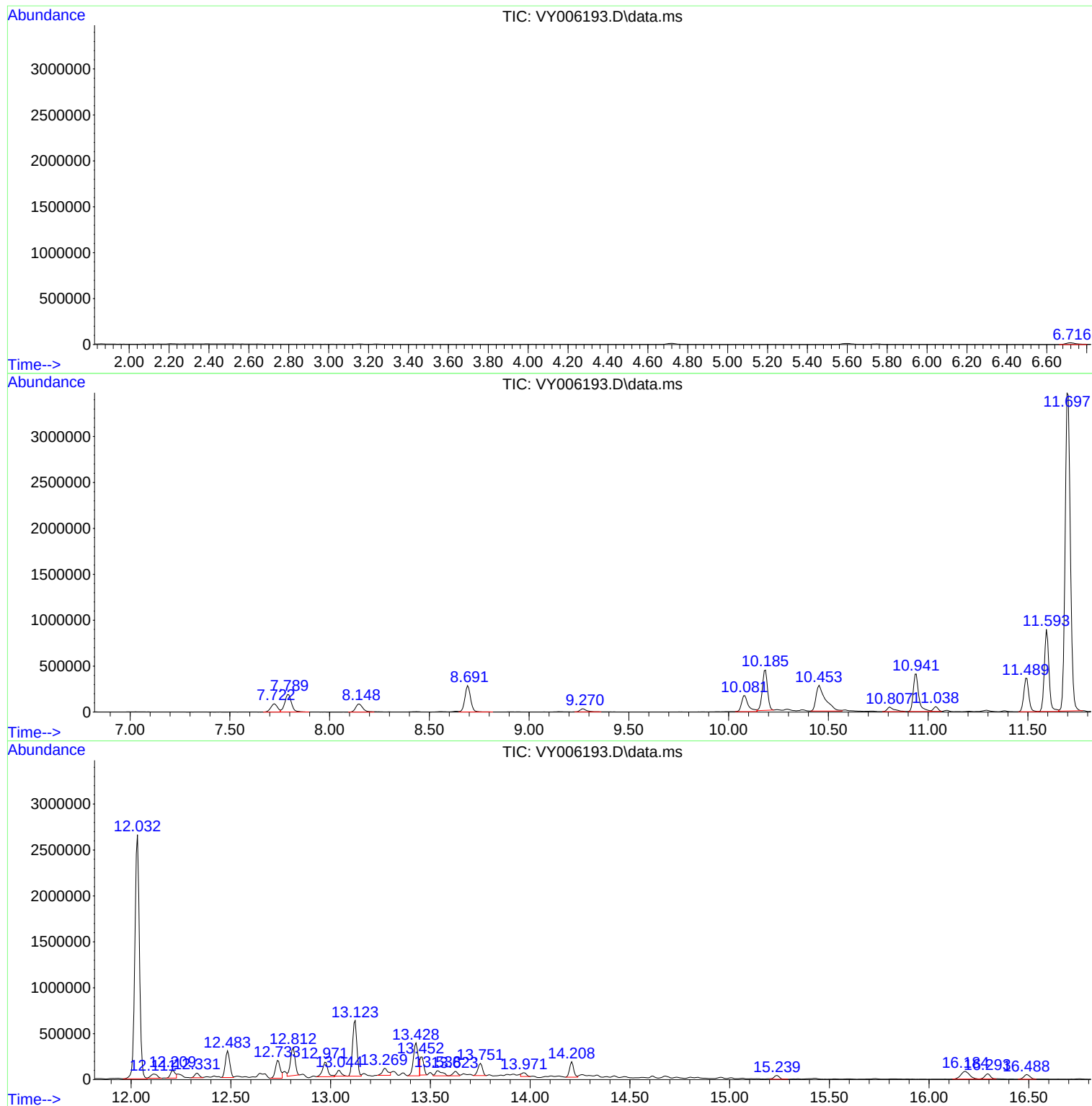
Sum of corrected areas: 22458368

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
Data File : VY006193.D
Acq On : 28 Sep 2021 17:09
Operator : SY/MD
Sample : M3933-02
Misc : 1.07G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
Data File : VY006193.D
Acq On : 28 Sep 2021 17:09
Operator : SY/MD
Sample : M3933-02
Misc : 1.07G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-2

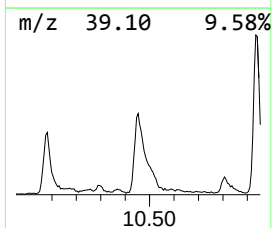
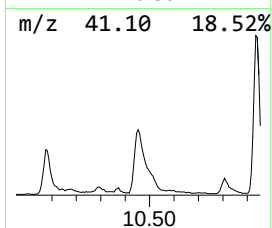
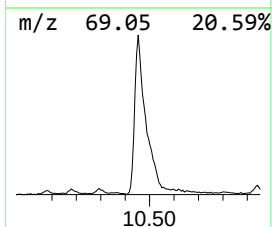
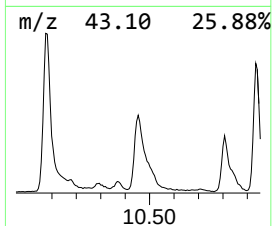
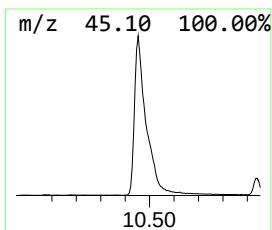
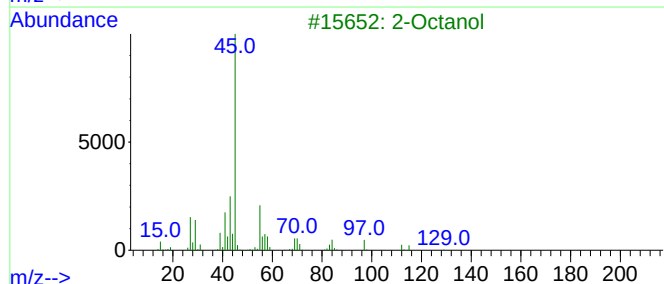
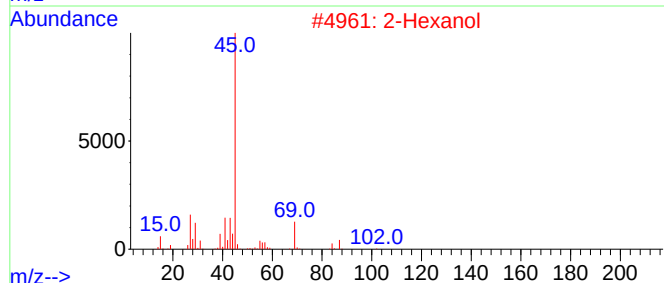
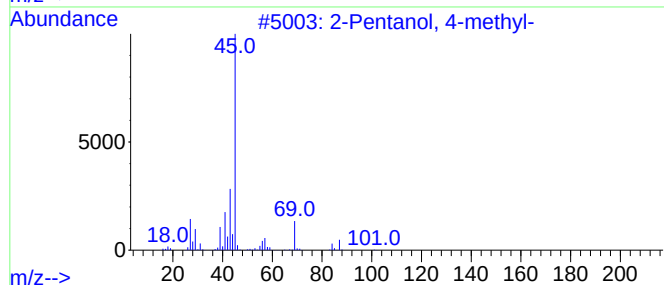
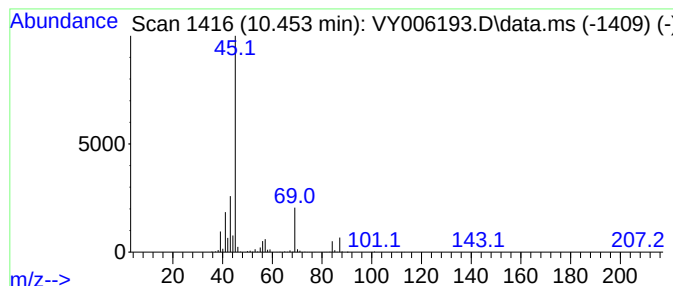
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260

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

Peak Number 1 2-Pentanol, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.453	71.43 ug/l	905095	Chlorobenzene-d5	11.495

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-			102	C6H14O	000108-11-2	83
2	2-Hexanol			102	C6H14O	000626-93-7	83
3	2-Octanol			130	C8H18O	000123-96-6	74
4	2-Octanol, (S)-			130	C8H18O	006169-06-8	64
5	2-Octanol, (R)-			130	C8H18O	005978-70-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
Data File : VY006193.D
Acq On : 28 Sep 2021 17:09
Operator : SY/MD
Sample : M3933-02
Misc : 1.07G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-2

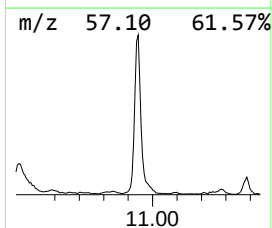
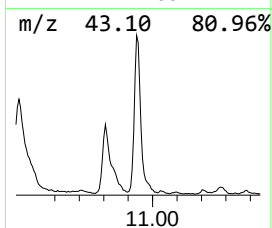
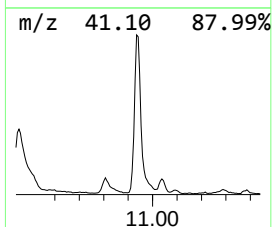
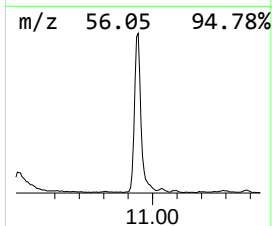
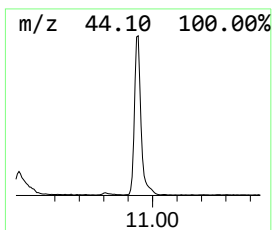
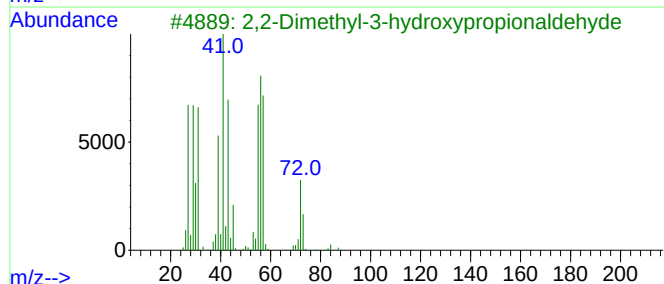
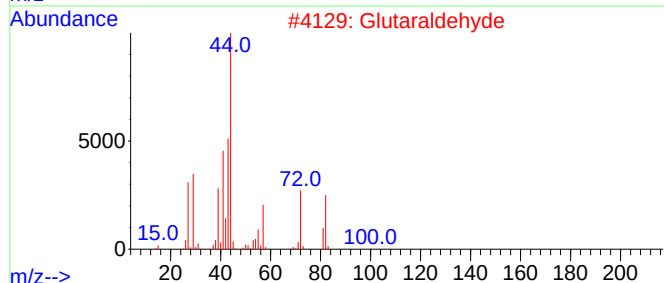
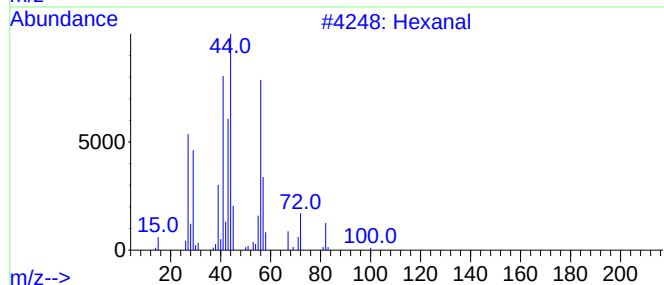
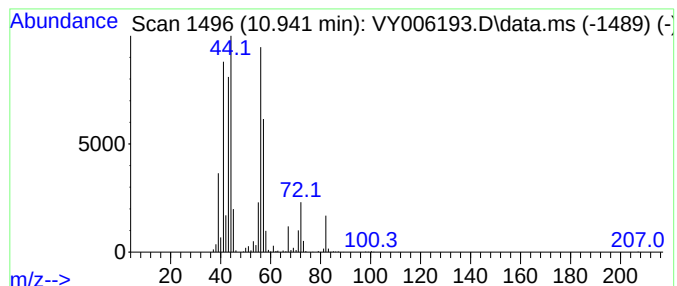
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260

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

Peak Number 2 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.941	61.44 ug/l	778558	Chlorobenzene-d5	11.495

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanal	100	C6H12O	000066-25-1	90
2			Glutaraldehyde	100	C5H8O2	000111-30-8	35
3			2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	32
4			Butanal	72	C4H8O	000123-72-8	30
5			Cyclohexane, (1,1-dimethylethyl)-	140	C10H20	003178-22-1	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
Data File : VY006193.D
Acq On : 28 Sep 2021 17:09
Operator : SY/MD
Sample : M3933-02
Misc : 1.07G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-2

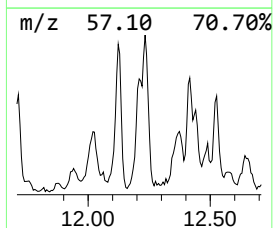
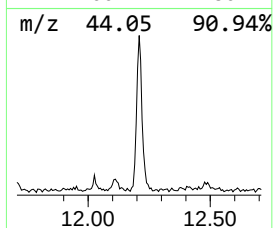
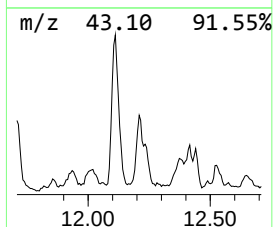
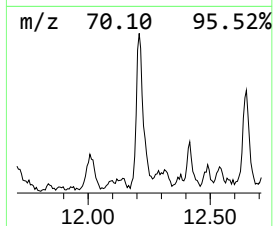
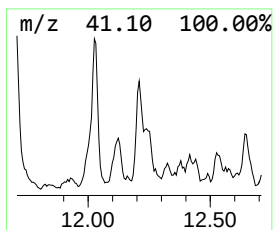
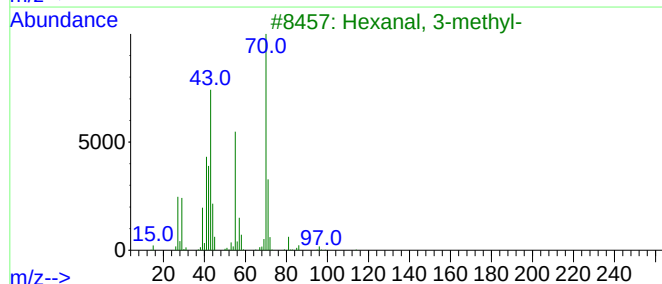
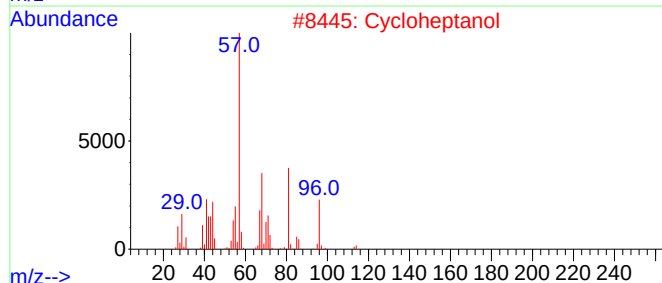
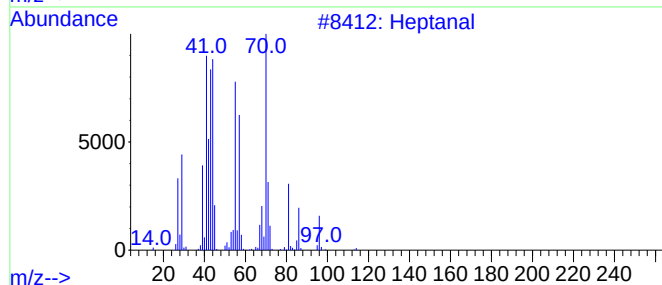
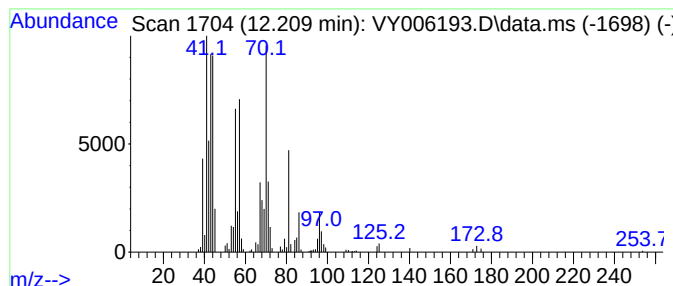
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260

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

Peak Number 3 Heptanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.209	11.34 ug/l	143655	Chlorobenzene-d5	11.495

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptanal	114	C7H14O	000111-71-7	94
2			Cycloheptanol	114	C7H14O	000502-41-0	50
3			Hexanal, 3-methyl-	114	C7H14O	019269-28-4	43
4			Oxirane, 2-(1,1-dimethylethyl)-3...	114	C7H14O	053897-30-6	35
5			Cyclohexanol, 2-methyl-, cis-	114	C7H14O	007443-70-1	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
Data File : VY006193.D
Acq On : 28 Sep 2021 17:09
Operator : SY/MD
Sample : M3933-02
Misc : 1.07G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-2

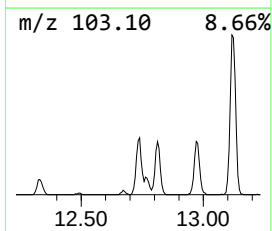
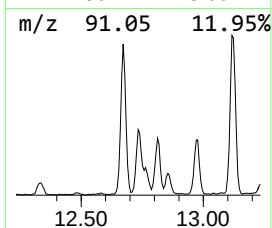
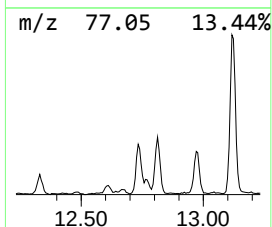
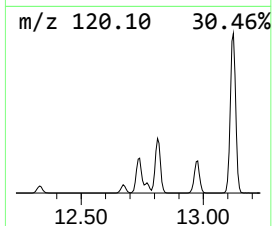
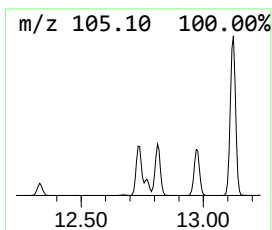
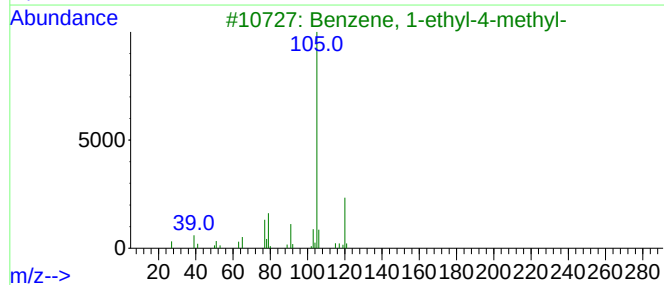
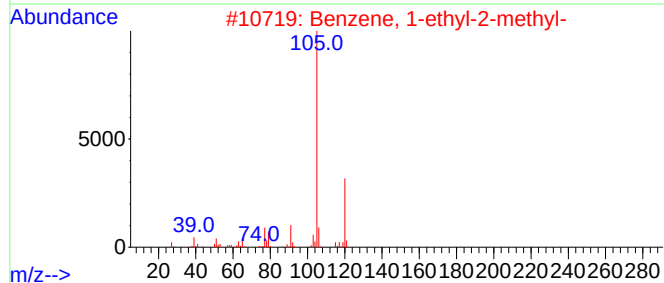
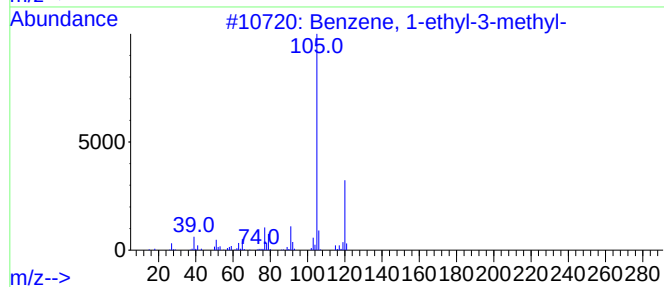
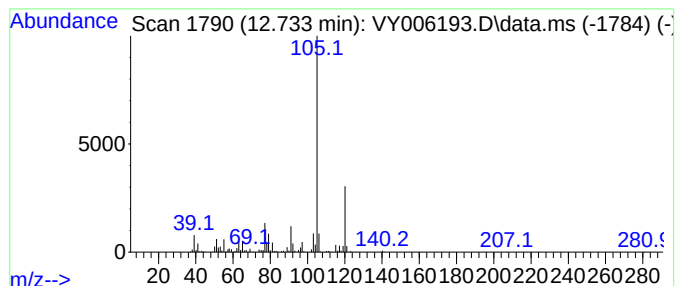
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	26.80 ug/l	333690	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
Data File : VY006193.D
Acq On : 28 Sep 2021 17:09
Operator : SY/MD
Sample : M3933-02
Misc : 1.07G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-2

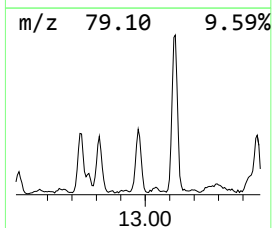
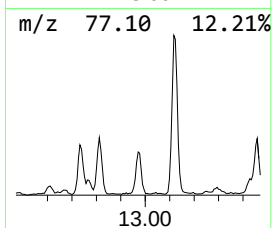
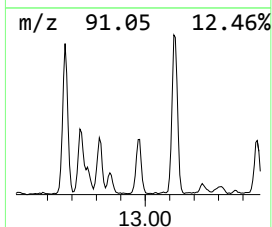
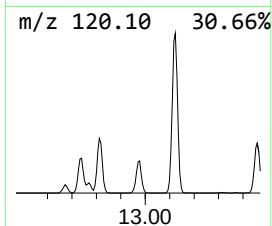
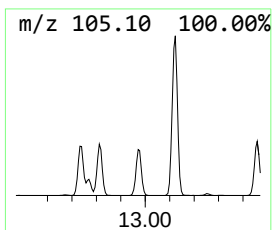
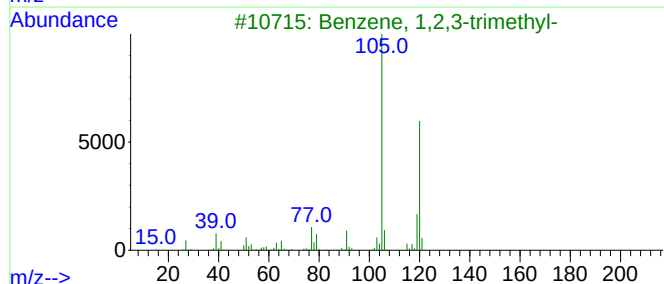
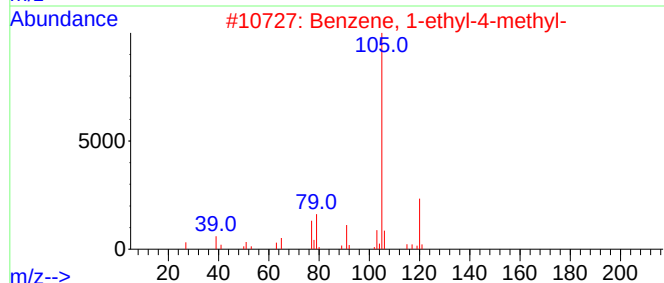
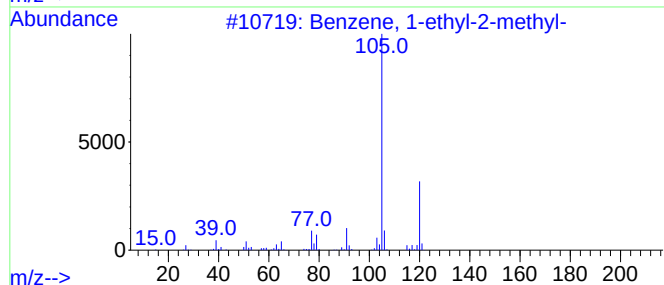
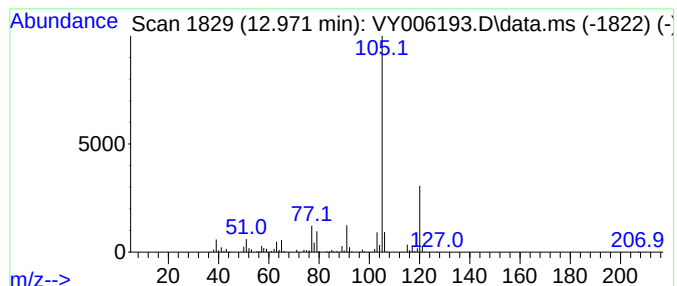
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.971	23.96 ug/l	298421	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
Data File : VY006193.D
Acq On : 28 Sep 2021 17:09
Operator : SY/MD
Sample : M3933-02
Misc : 1.07G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-2

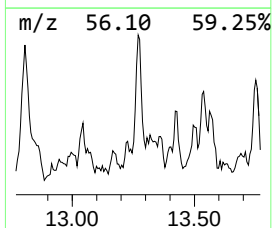
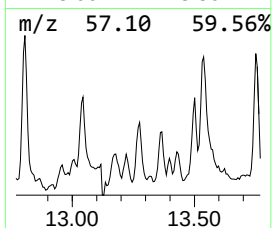
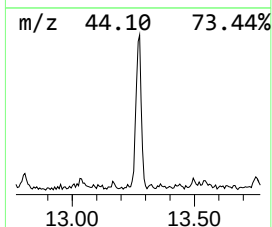
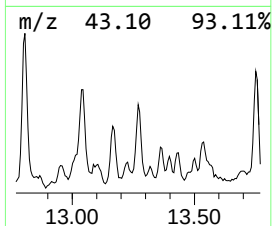
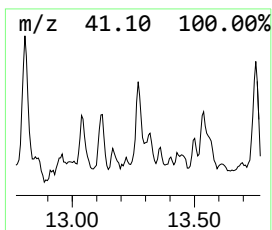
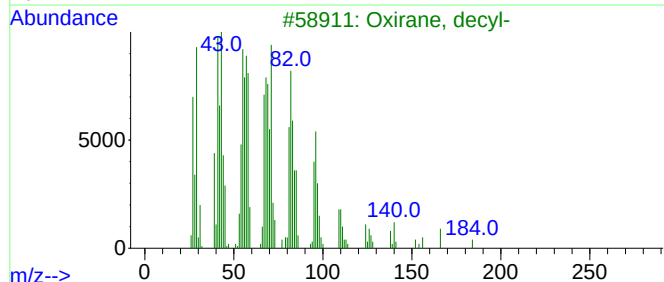
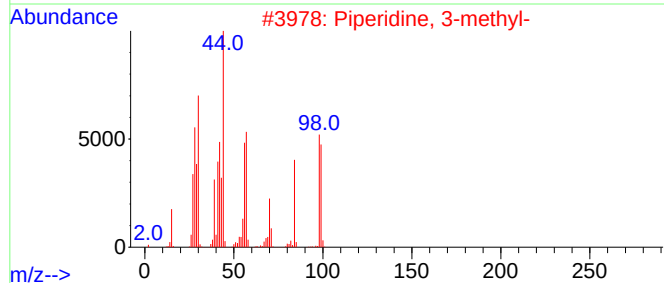
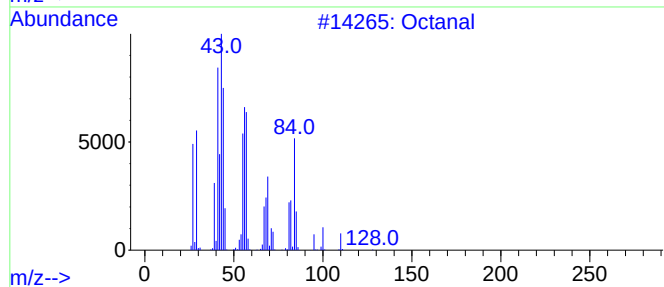
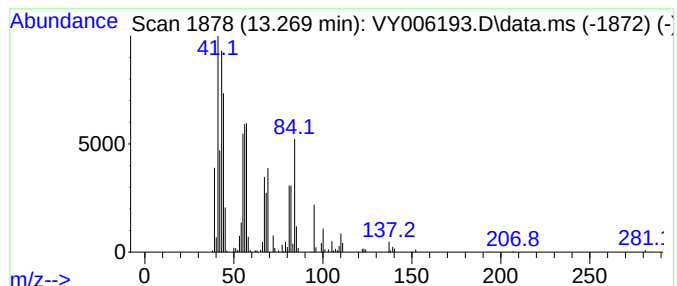
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260

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

Peak Number 6 Octanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.270	12.21 ug/l	152043	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octanal	128	C8H16O	000124-13-0	80
2			Piperidine, 3-methyl-	99	C6H13N	000626-56-2	47
3			Oxirane, decyl-	184	C12H24O	002855-19-8	27
4			3-Hexene, (Z)-	84	C6H12	007642-09-3	22
5			Hexane, 2-chloro-	120	C6H13Cl	000638-28-8	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
Data File : VY006193.D
Acq On : 28 Sep 2021 17:09
Operator : SY/MD
Sample : M3933-02
Misc : 1.07G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-2

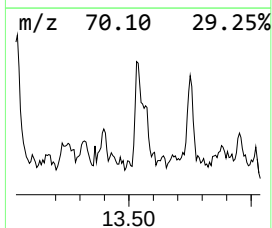
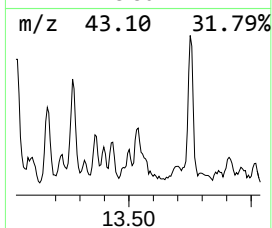
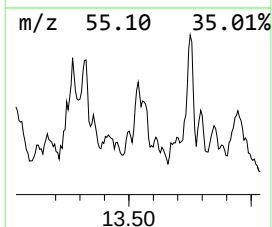
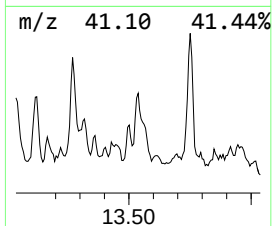
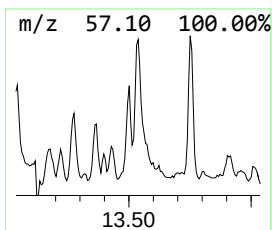
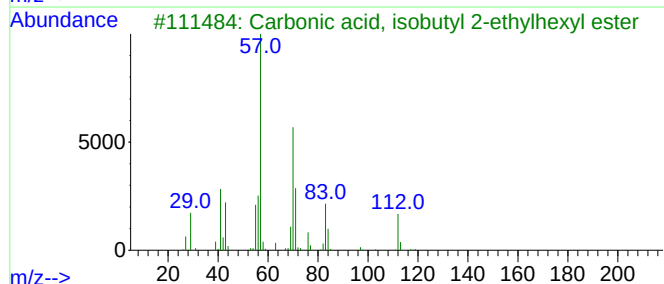
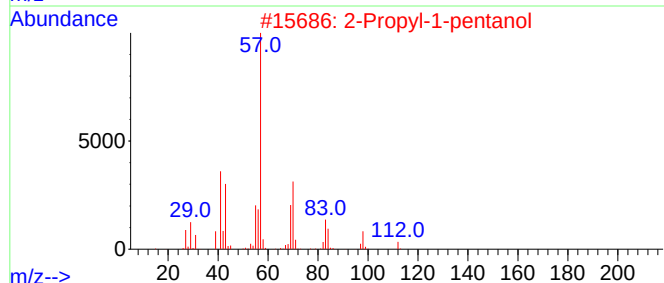
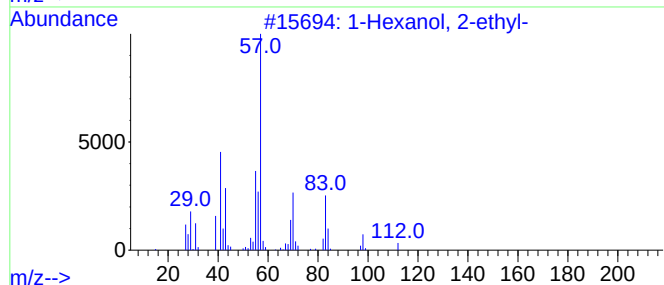
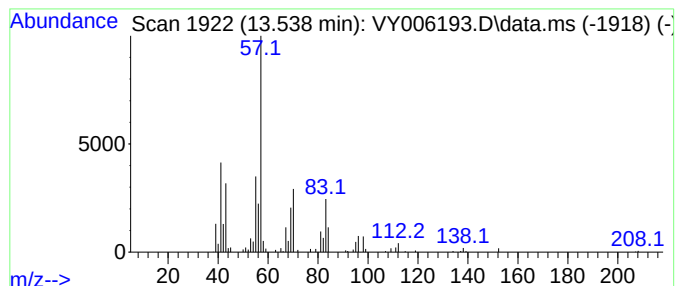
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260

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

Peak Number 7 1-Hexanol, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.538	10.63 ug/l	132362	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
2			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
3			Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000383-13-3	47
4			Carbonic acid, bis(2-ethylhexyl)...	286	C17H34O3	014858-73-2	43
5			Pentadecafluorooctanoic acid, 2-...	526	C16H17F15O2	1000406-80-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
Data File : VY006193.D
Acq On : 28 Sep 2021 17:09
Operator : SY/MD
Sample : M3933-02
Misc : 1.07G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-2

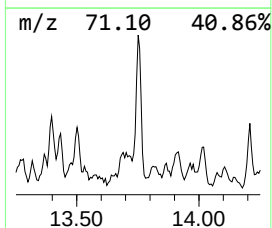
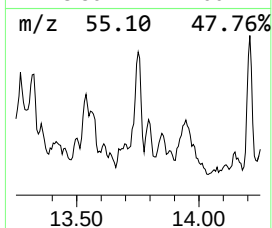
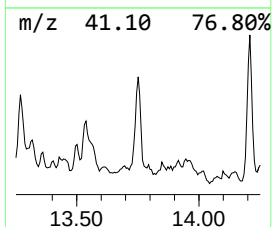
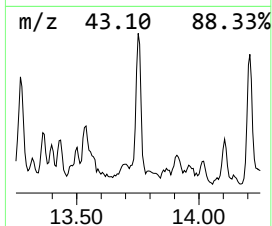
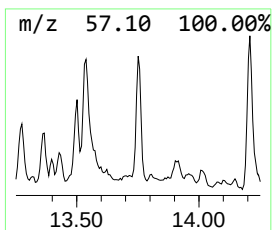
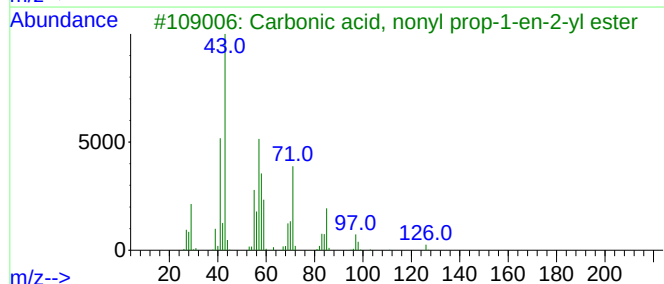
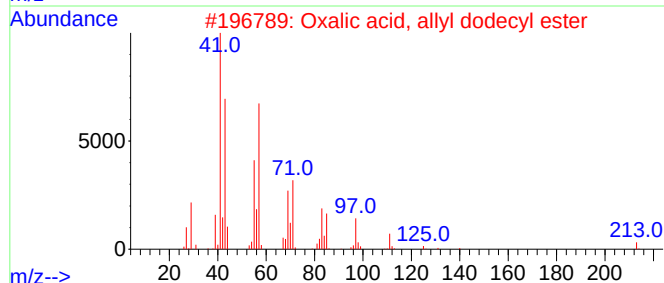
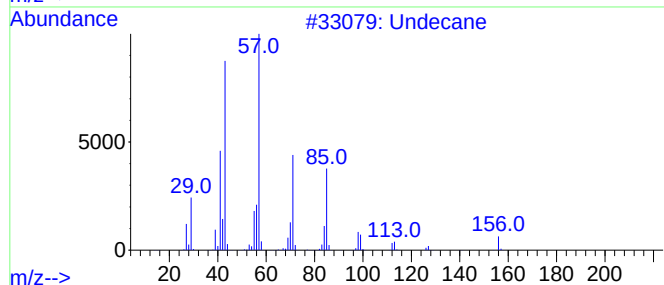
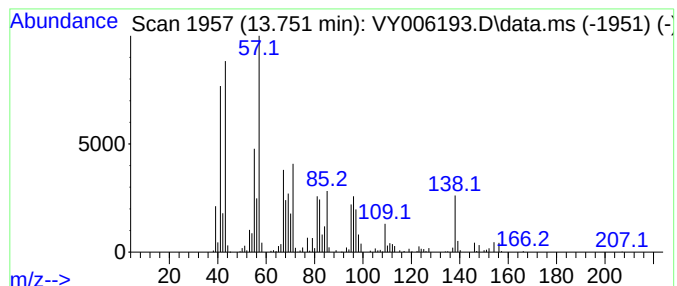
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260

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

Peak Number 8 unknown13.751 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	16.91 ug/l	210622	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	38
2			Oxalic acid, allyl dodecyl ester	298	C17H30O4	1000309-24-0	38
3			Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	27
4			Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	22
5			Decane	142	C10H22	000124-18-5	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
Data File : VY006193.D
Acq On : 28 Sep 2021 17:09
Operator : SY/MD
Sample : M3933-02
Misc : 1.07G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-2

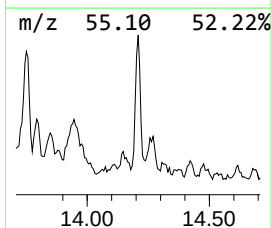
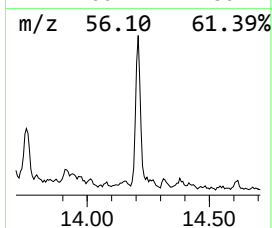
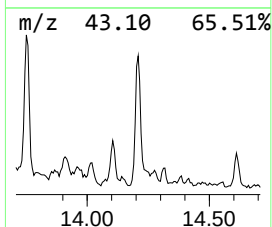
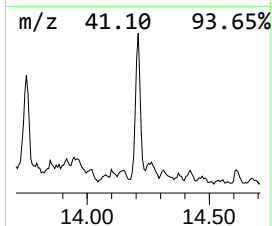
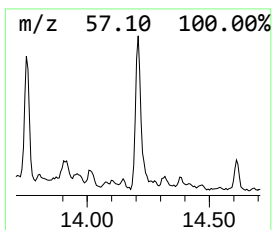
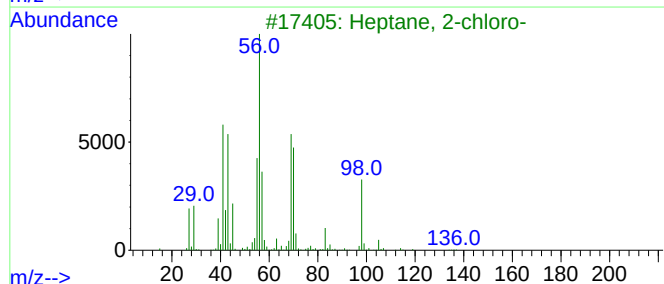
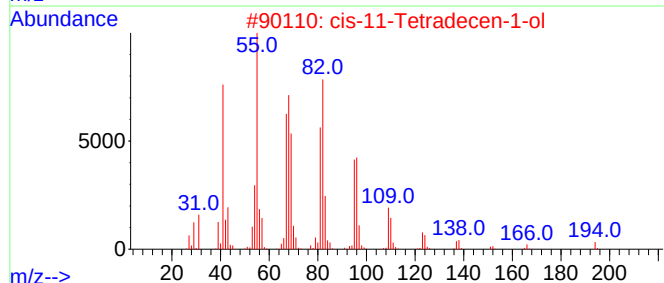
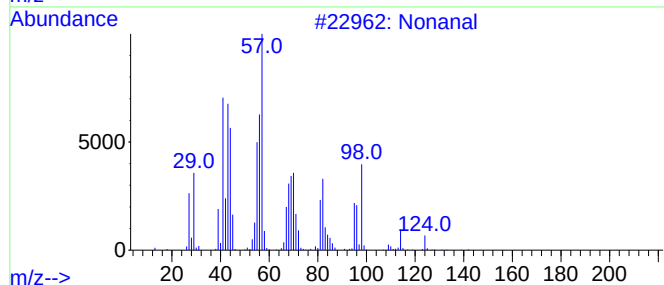
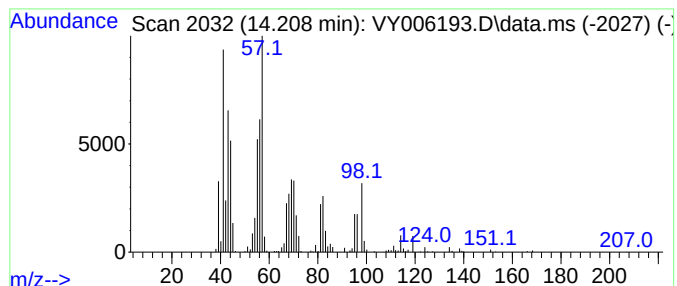
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260

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

Peak Number 9 Nonanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.208	19.19 ug/l	238942	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanal	142	C9H18O	000124-19-6	91
2			cis-11-Tetradecen-1-ol	212	C14H28O	034010-15-6	27
3			Heptane, 2-chloro-	134	C7H15Cl	001001-89-4	27
4			2-Heptene	98	C7H14	000592-77-8	25
5			Butane, 1-isocyanato-	99	C5H9NO	000111-36-4	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
Data File : VY006193.D
Acq On : 28 Sep 2021 17:09
Operator : SY/MD
Sample : M3933-02
Misc : 1.07G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-2

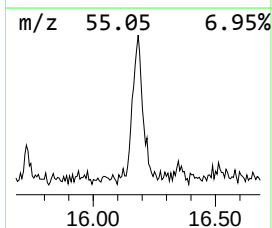
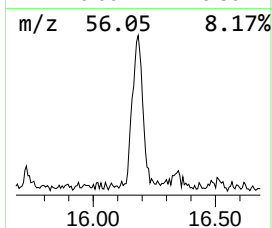
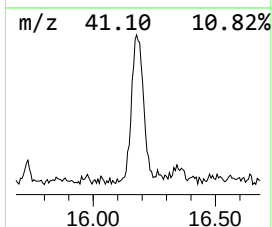
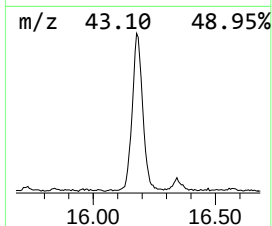
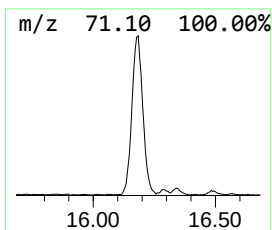
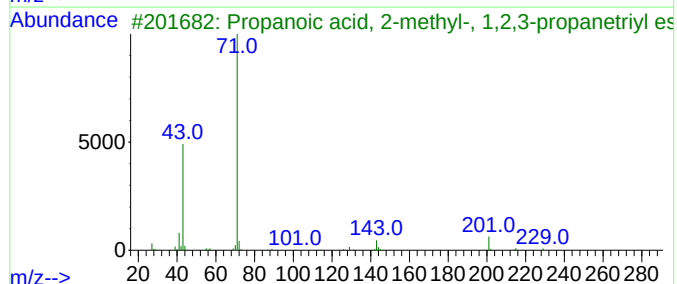
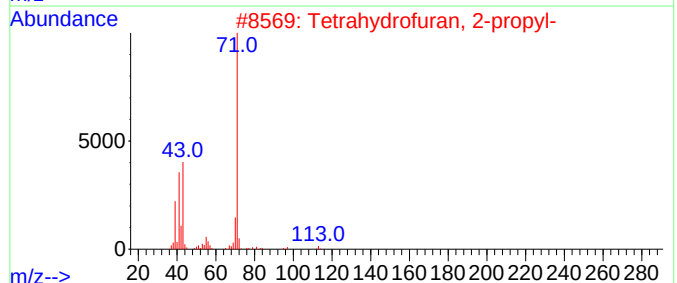
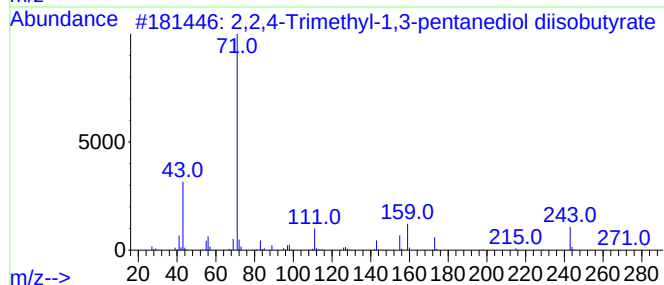
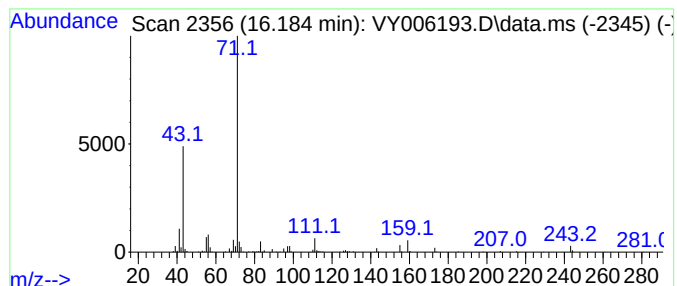
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260

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

Peak Number 10 2,2,4-Trimethyl-1,3-pentane... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.184	20.77 ug/l	258589	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	83		
2	Tetrahydrofuran, 2-propyl-	114	C7H14O	003208-22-8	59		
3	Propanoic acid, 2-methyl-, 1,2,3...	302	C15H26O6	014295-64-8	59		
4	Oxalic acid, decyl neopentyl ester	300	C17H32O4	1000309-73-4	50		
5	3-Cyclopentylpropionic acid, 2-t...	226	C13H22O3	1000293-46-9	45		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092821\
Data File : VY006193.D
Acq On : 28 Sep 2021 17:09
Operator : SY/MD
Sample : M3933-02
Misc : 1.07G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
191-0922-XYL-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanol, 4-m...	10.453	71.4	ug/l	905095	3	11.495	633559	50.0
Hexanal	10.941	61.4	ug/l	778558	3	11.495	633559	50.0
Heptanal	12.209	11.3	ug/l	143655	3	11.495	633559	50.0
Benzene, 1-ethy...	12.733	26.8	ug/l	333690	4	13.428	622657	50.0
Benzene, 1-ethy...	12.971	24.0	ug/l	298421	4	13.428	622657	50.0
Octanal	13.270	12.2	ug/l	152043	4	13.428	622657	50.0
1-Hexanol, 2-et...	13.538	10.6	ug/l	132362	4	13.428	622657	50.0
unknown13.751	13.751	16.9	ug/l	210622	4	13.428	622657	50.0
Nonanal	14.208	19.2	ug/l	238942	4	13.428	622657	50.0
2,2,4-Trimethyl...	16.184	20.8	ug/l	258589	4	13.428	622657	50.0