

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016595.D
 Acq On : 05 Dec 2023 14:46
 Operator : SY/MD
 Sample : 05600-03
 Misc : 2.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOPSOIL-LKWD-DENALI-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\82Y120423S.M

Title : SW846 8260

Signal : TIC: VY016595.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.400	88	95	104	rBV	47977	90237	12.29%	1.723%
2	3.156	210	219	221	rBV	4621	12474	1.70%	0.238%
3	3.271	231	238	249	rVB3	12663	31386	4.27%	0.599%
4	3.844	324	332	340	rBV3	11937	33489	4.56%	0.639%
5	3.966	343	352	363	rBV	50063	141561	19.27%	2.703%
6	4.741	471	479	488	rBV3	16755	50760	6.91%	0.969%
7	5.594	612	619	620	rBV	6794	9240	1.26%	0.176%
8	6.722	798	804	813	rBV5	11660	30446	4.15%	0.581%
9	7.015	844	852	860	rVB2	6100	15873	2.16%	0.303%
10	7.740	961	971	977	rBV	104041	250062	34.04%	4.775%
11	7.813	977	983	995	rVB	174136	396404	53.97%	7.570%
12	8.161	1033	1040	1050	rVB	105115	234434	31.92%	4.477%
13	8.417	1075	1082	1089	rVB2	16105	36181	4.93%	0.691%
14	8.569	1101	1107	1115	rBV5	14115	32228	4.39%	0.615%
15	8.709	1123	1130	1139	rBV	267100	529203	72.05%	10.106%
16	9.276	1217	1223	1231	rBV	60100	119188	16.23%	2.276%
17	10.197	1364	1374	1381	rBV	414695	734513	100.00%	14.026%
18	10.258	1381	1384	1390	rVB	20057	35077	4.78%	0.670%
19	10.593	1434	1439	1444	rBV3	6977	13444	1.83%	0.257%
20	10.947	1490	1497	1506	rBV	307924	519605	70.74%	9.922%
21	11.508	1582	1589	1597	rBV	399941	654904	89.16%	12.506%
22	11.727	1619	1625	1631	rVB4	10327	23375	3.18%	0.446%
23	11.831	1638	1642	1647	rVB4	5613	8511	1.16%	0.163%
24	12.221	1700	1706	1713	rBV2	18657	32600	4.44%	0.623%
25	12.495	1744	1751	1761	rBV	329800	522503	71.14%	9.978%
26	12.818	1802	1804	1811	rVB3	5584	8923	1.21%	0.170%
27	12.989	1826	1832	1838	rBV4	4753	8740	1.19%	0.167%
28	13.288	1875	1881	1889	rBV6	13609	25339	3.45%	0.484%
29	13.440	1900	1906	1912	rBV	391250	599648	81.64%	11.451%
30	13.745	1952	1956	1961	rBV3	4585	8170	1.11%	0.156%
31	13.971	1988	1993	2000	rBV5	9792	17726	2.41%	0.338%
32	14.227	2030	2035	2039	rBV4	6011	10529	1.43%	0.201%

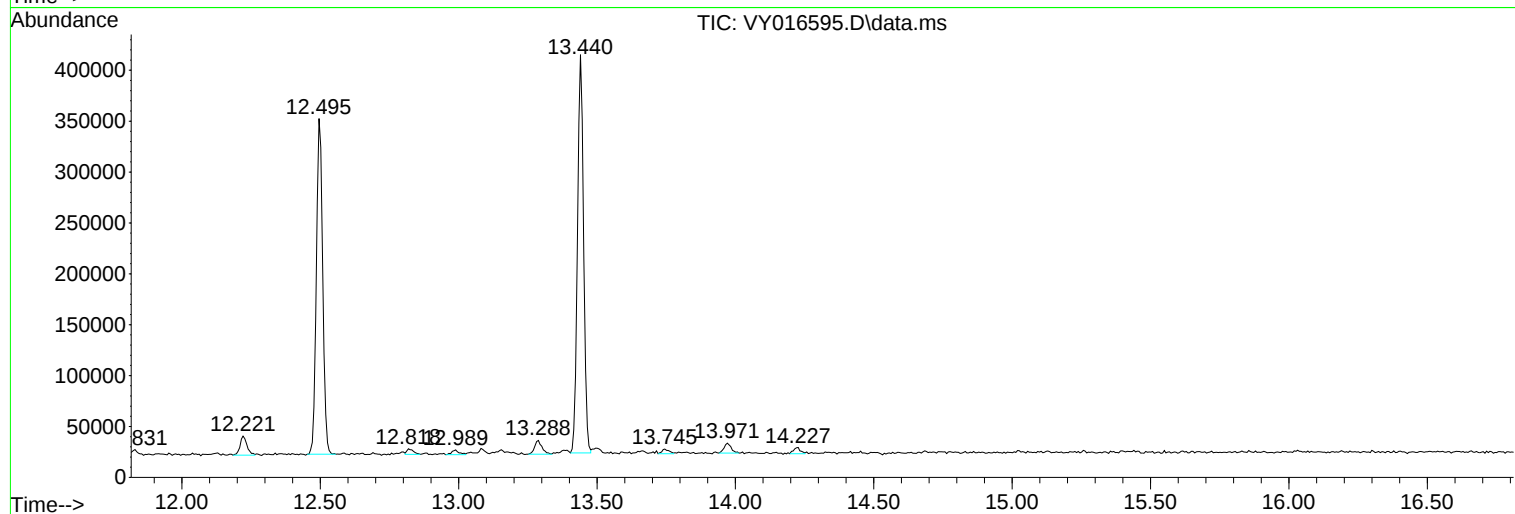
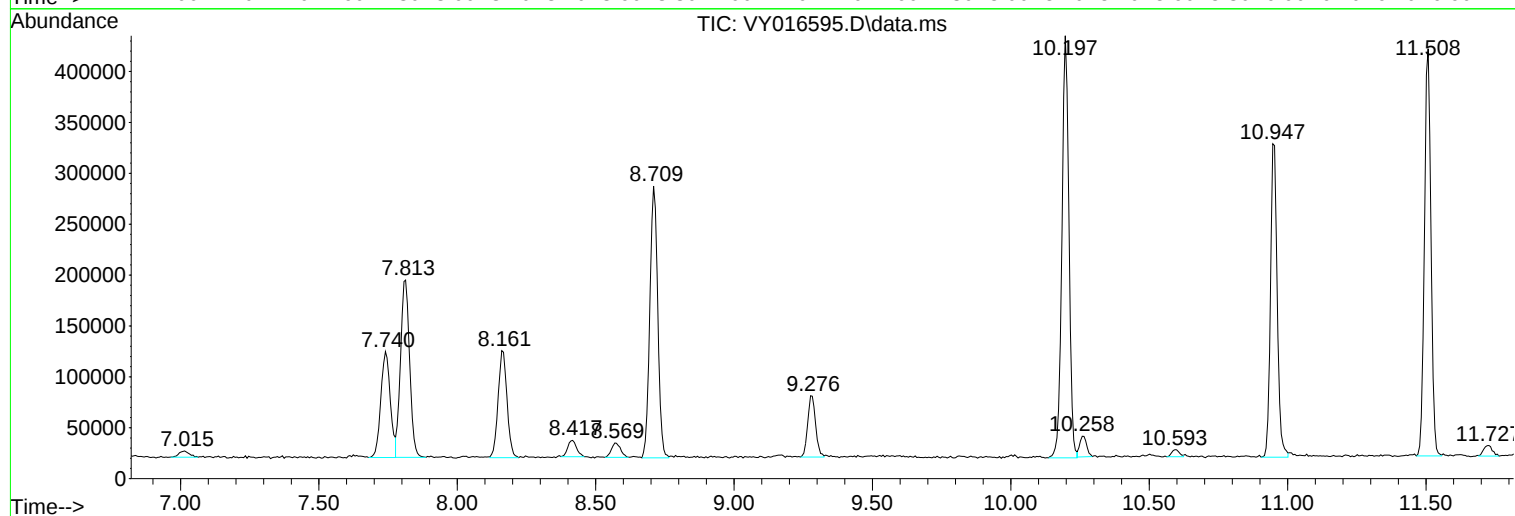
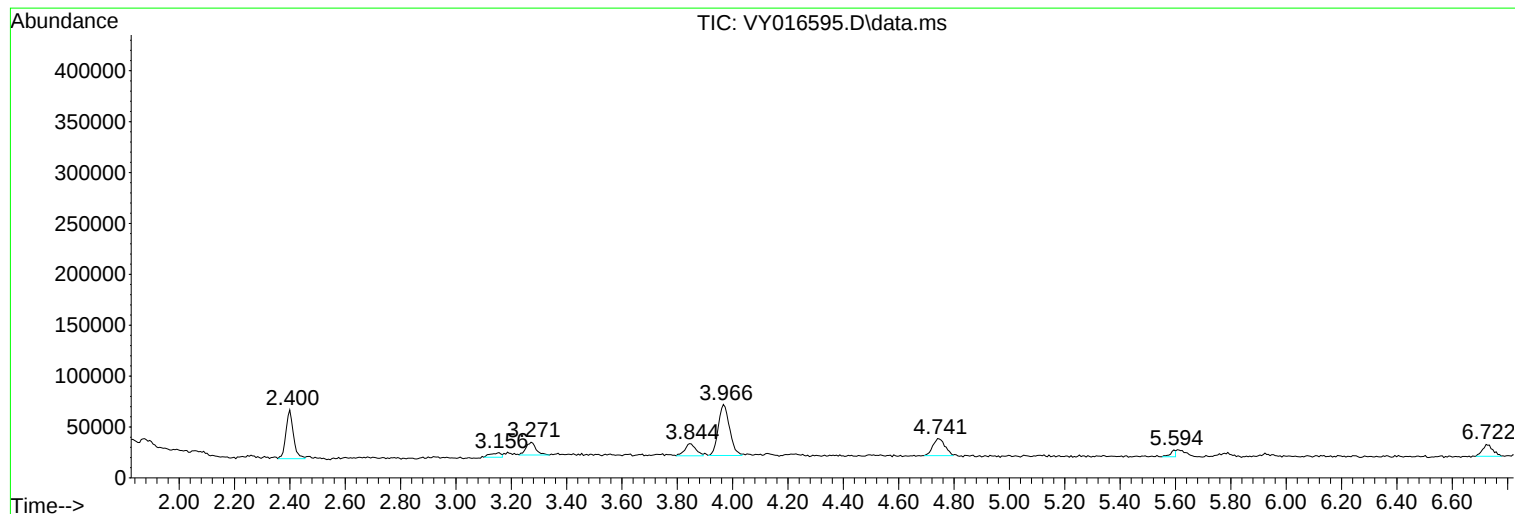
Sum of corrected areas: 5236773

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
Data File : VY016595.D
Acq On : 05 Dec 2023 14:46
Operator : SY/MD
Sample : 05600-03
Misc : 2.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOPSOIL-LKWD-DENALI-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
Data File : VY016595.D
Acq On : 05 Dec 2023 14:46
Operator : SY/MD
Sample : 05600-03
Misc : 2.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOPSOIL-LKWD-DENALI-2

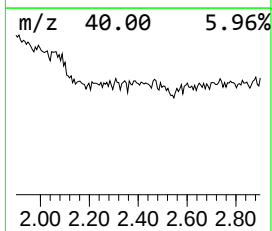
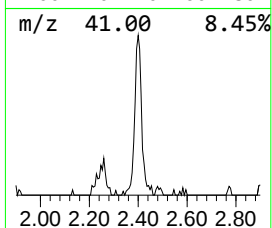
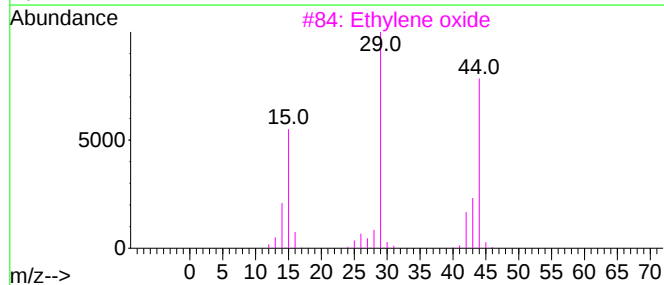
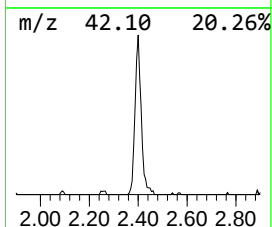
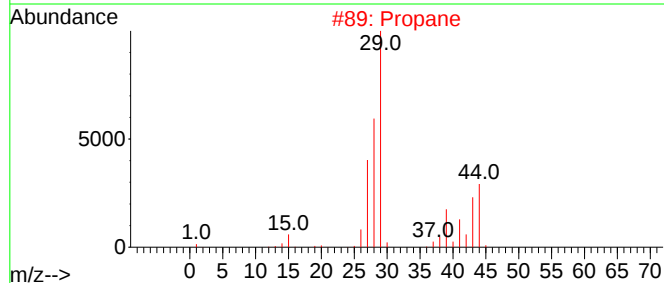
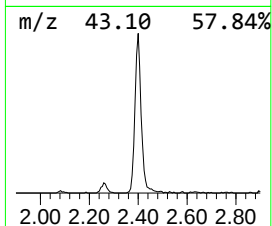
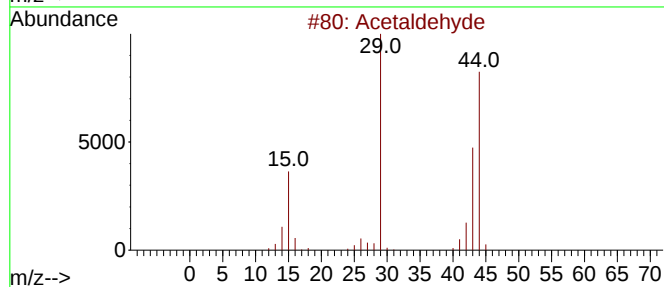
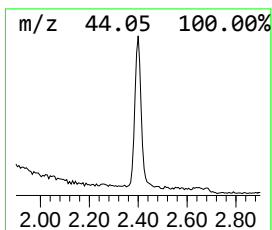
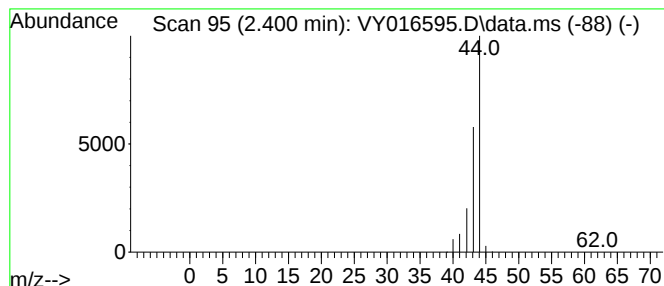
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
Quant Title : SW846 8260

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

Peak Number 1 Acetaldehyde Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.400	11.38 ug/l	90237	Pentafluorobenzene	7.813

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Acetaldehyde	44	C2H4O	000075-07-0	74
2		Propane	44	C3H8	000074-98-6	5
3		Ethylene oxide	44	C2H4O	000075-21-8	5
4		Alanine	89	C3H7NO2	000056-41-7	4
5		Carbon dioxide	44	CO2	000124-38-9	3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
Data File : VY016595.D
Acq On : 05 Dec 2023 14:46
Operator : SY/MD
Sample : 05600-03
Misc : 2.91g/5.0mL/MSVOA_Y/Soil
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOPSOIL-LKWD-DENALI-2

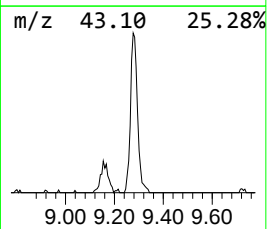
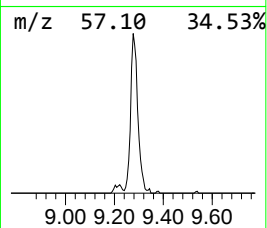
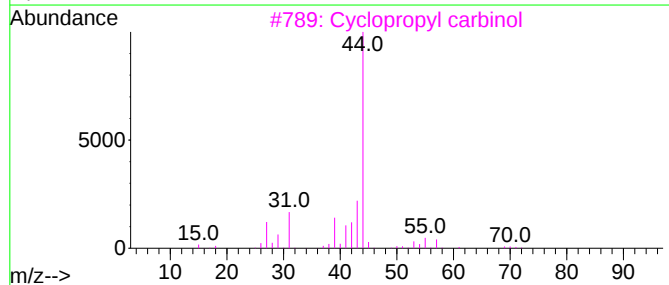
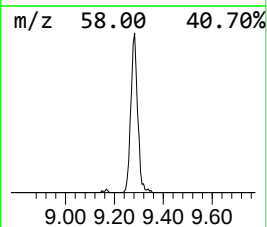
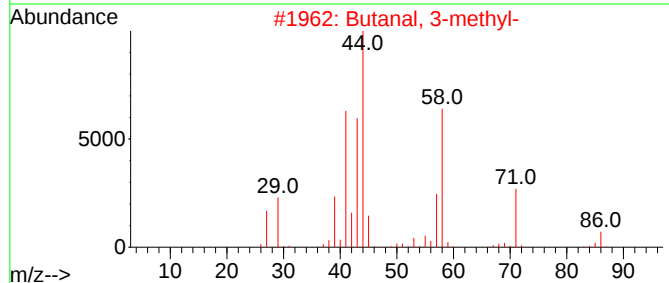
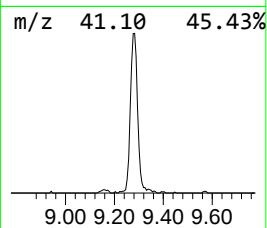
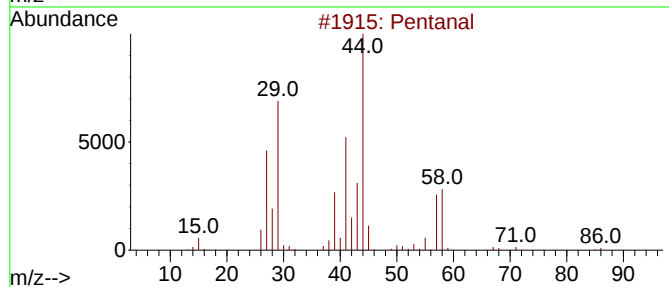
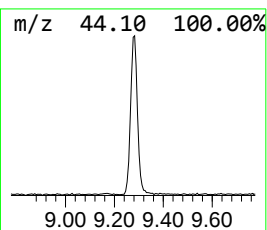
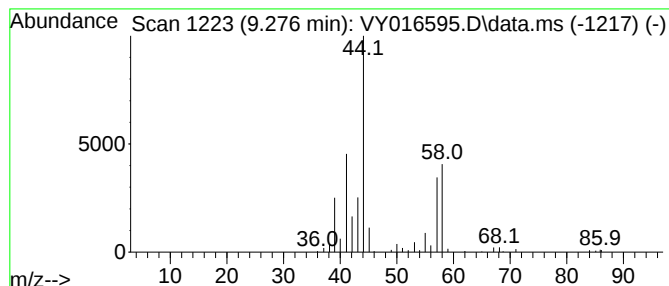
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
Quant Title : SW846 8260

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

Peak Number 2 Pentanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.276	11.26 ug/l	119188	1,4-Difluorobenzene	8.709

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentanal	86	C5H10O	000110-62-3	90
2			Butanal, 3-methyl-	86	C5H10O	000590-86-3	64
3			Cyclopropyl carbinol	72	C4H8O	002516-33-8	33
4			Ethylene oxide	44	C2H4O	000075-21-8	9
5			(2-Cyclohexylpropyl)(methyl)amine	155	C10H21N	000532-52-5	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
Data File : VY016595.D
Acq On : 05 Dec 2023 14:46
Operator : SY/MD
Sample : 05600-03
Misc : 2.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOPSOIL-LKWD-DENALI-2

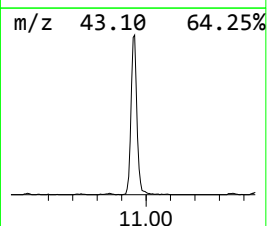
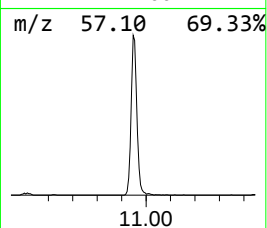
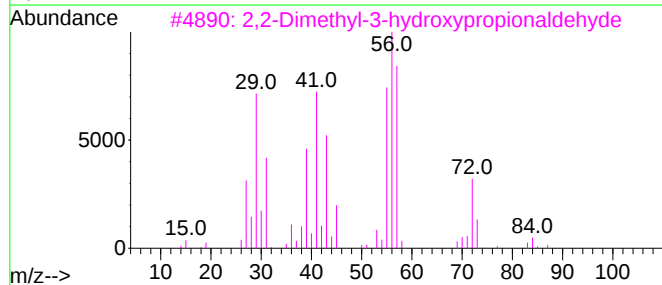
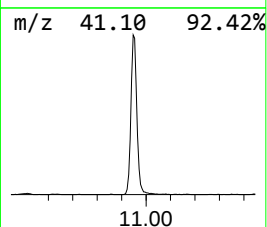
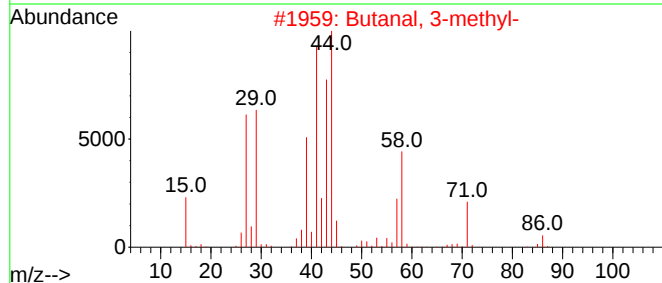
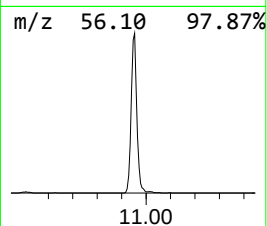
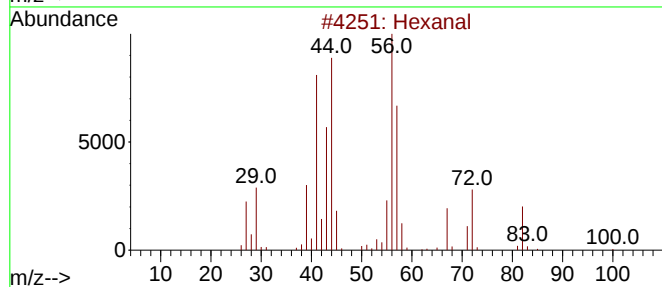
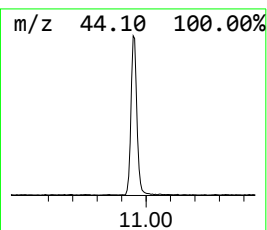
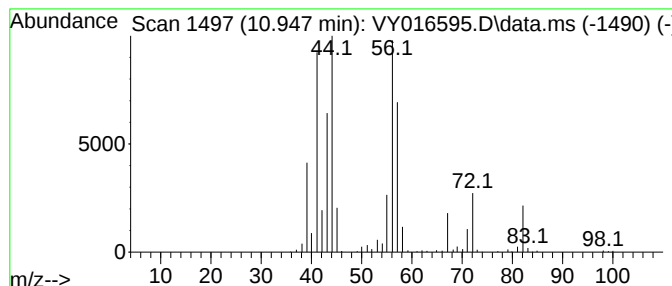
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
Quant Title : SW846 8260

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

Peak Number 3 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.947	39.67 ug/l	519605	Chlorobenzene-d5	11.508

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanal	100	C6H12O	000066-25-1	94
2			Butanal, 3-methyl-	86	C5H10O	000590-86-3	32
3			2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	23
4			Glutaraldehyde	100	C5H8O2	000111-30-8	16
5			1-Propene, 2-methyl-	56	C4H8	000115-11-7	16



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
Data File : VY016595.D
Acq On : 05 Dec 2023 14:46
Operator : SY/MD
Sample : 05600-03
Misc : 2.91g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOPSOIL-LKWD-DENALI-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.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
Acetaldehyde	2.400	11.4	ug/l	90237	1	7.813	396404	50.0
Pentanal	9.276	11.3	ug/l	119188	2	8.709	529203	50.0
Hexanal	10.947	39.7	ug/l	519605	3	11.508	654904	50.0